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मौसम विज्ञान विभाग

METEOROLOGICAL DEPARTMENT

भारतीय मौसम पुनरीक्षण

INDIA WEATHER REVIEW

1968

मासिक मौसम रिपोर्ट

MONTHLY WEATHER REPORT

जनवरी

JANUARY

भारत सरकार के प्राधिकार द्वारा वेधशालाओं के महानिदेशक के निदेशाधीन प्रकाशित
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INDIA WEATHER REVIEW, 1968

Monthly Weather Report

JANUARY

Monthly Weather Report

For

JANUARY - 1968

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MEANINGS OF SYMBOLS AND ABBREVIATIONS IN TABLES II AND III

Symbol/Abbreviation	Meaning
(a)	Mean/total for 30 days.
(b)	Mean/total for 29 days.
(c)	Mean/total for 28 days.
(d)	Mean/total for 27 days.
(e)	Mean/total for 26 days.
(f)	Mean/total for 25 days.
(g)	Mean/total for 24 days.
(h)	Mean/total for 23 days.
(i)	Mean/total for 22 days.
(j)	Mean/total for 21 days.
(k)	Mean/total for 20 days.
(l)	Mean/total for 19 days.
(m)	Mean/total for 18 days.
(n)	Mean/total for 17 days.
(o)	Mean/total for 16 days.
(p)	Mean/total for 15 days.
*	Closed during winter months.
(R)	Register not received, hence data not available.
#	Data for less than 15 days, hence no means published.
ds	Days.
@	Data rejected.
D.N.	Data not available.
E	Estimated.

INDIA WEATHER REVIEW, 1968

Monthly Weather Report

JANUARY

Published by authority of the Government of India

Chief features :

i) Pronounced activity of western disturbances with six of them causing good precipitation over north and central India; and

ii) An unusually prolonged cold spell in Jammu and Kashmir and moderate to severe cold wave over the central parts of the country and north Peninsula during the third week.

The activity of western disturbances during the month was quite pronounced. In all six western disturbances affected the northern parts of the country. In association with two of them there were developments of two induced lows which moving eastwards, caused spells of good rainfall over the central parts of the country and in northeast India. Excepting the fifth western disturbance which affected the extreme north of the country in the early part of the last week, all the others were fairly active and caused good precipitation. In particular the second and the last western disturbances were very active and there was heavy snowfall in Western Himalayas. According to press reports, Srinagar valley was cut off from the rest of the country due to the heavy snow fall; and due to the prolonged cold weather, the Dal lake in Srinagar remained frozen for a number of days. Simla, Mussoorie and other places in the western Himalayas also experienced heavy snowfalls. The details of the movement and activity of the various western disturbances are given in the accompanying statement.

The rainfall over northeast India was generally in excess of the normal. At the beginning of the month a feeble upper air trough moved eastwards across north Assam causing isolated showers there. An upper air cyclonic circulation which developed over south Rajasthan and north Gujarat State on 5th moved eastwards and weakened into an upper air trough over east Uttar Pradesh on 7th. Later it moved eastwards across northeast India, passing across Assam by 9th. Under its influence, there was a spell of good rainfall over northeast India, in addition to the rainfall over Rajasthan, Uttar Pradesh and Madhya Pradesh. The next spell of rainfall was caused by the induced low which formed over south Rajasthan and adjoining Gujarat State on 9th and which moved away eastwards across Assam by 13th. An upper air trough developed over the extreme east central Arabian Sea off Maharashtra and Mysore coasts on 12th. It shifted slightly eastwards the next day. Later it weakened in the low levels but the trough in the upper troposphere became well marked. The system moved away northeastwards across Assam and Burma by 17th. Under its influence, the central parts of the country, the north Peninsula and northeast India received a spell of widespread showers. Nizamabad recorded 5 cm of rain on 13th and Titlagarh 6 cm on 14th. According to press reports, about 24 villages near Poona were hit by severe hailstorm causing serious damage to potato and other crops. The unusual rains were also reported to have damaged standing crops in Vidarbha and Uttar Pradesh.

After the passage of the above disturbance, weather over northeast India remained dry for the next ten days except for isolated showers over north Assam caused by an upper air trough persisting over Assam and neighbourhood from 20th to 24th. The induced low associated with the last western disturbance of the month caused another spell of good precipitation over northeast India during the closing days of the month.

Mainly dry weather prevailed over the south Peninsula except for three spells of showers in the extreme southern parts. A low pressure area moving westwards across Comorin and Maldive areas during the period 3rd to 5th caused a few showers. The seasonal low over the south Bay of Bengal was well marked during the period 13th to 16th when the extreme south Peninsula received isolated rainfall. At the beginning of the last week also isolated showers occurred over the area.

Night temperatures were above normal over most parts of the country outside the south Peninsula during the first ten days of the week, being markedly so over the central parts of the country and adjoining north Peninsula during the first week. In the wake of the second western disturbance, night temperatures fell considerably and they remained generally below normal over the country outside the south Peninsula during the second half of the month. A moderate to severe cold wave affected the central parts of the country and the north Peninsula from 14th to 19th. According to press reports, deaths due to the cold spell were reported from Gujarat State and Uttar Pradesh.

The total rainfall for the month was in large excess in Orissa, Bihar, Himachal Pradesh, East Madhya Pradesh, Saurashtra-Kutch, Konkan, Marathwada, Vidarbha and Telangana; in moderate excess in South Assam, Jammu and Kashmir, Arabian Sea Islands; in slight excess in East Uttar Pradesh, East Rajasthan and Kerala. It was in slight defect in West Madhya Pradesh and Coastal Andhra Pradesh, in moderate defect in Bay Islands, Punjab and North Interior Mysore; in large defect in Gangetic West Bengal, Madhya Maharashtra and Madras State. It was normal over the rest of the country.

The mean maximum temperature was normal in Bay Islands, North Assam, Sub-Himalayan West Bengal, Gangetic West Bengal, Orissa, Jammu and Kashmir, Coastal Andhra Pradesh, Rayalaseema, Madras State, Coastal and Interior Mysore, Kerala and Arabian Sea Islands. It was below normal over the rest of the country.

The mean minimum temperature was below normal in Bay Islands, Jammu and Kashmir and Marathwada and normal over the rest of the country.

The mean Relative Humidity in the morning was above normal in Bihar, West Uttar Pradesh, Haryana, Punjab, Jammu and Kashmir, Rajasthan, Madhya Pradesh, Madhya Maharashtra, Marathwada and Vidarbha and below normal in Himachal Pradesh. It was normal over the rest of the country.

The mean Relative Humidity in the evening was above normal in Bihar, Uttar Pradesh, Haryana, Punjab, Himachal Pradesh, Jammu & Kashmir, East Rajasthan, Madhya Pradesh, Vidarbha and North Interior Mysore and below normal in Bay Islands. It was normal over the rest of the country.

The mean cloud amount in the morning was above normal in south Assam, Sub-Himalayan West Bengal, Orissa, Bihar, West Uttar Pradesh, East Madhya Pradesh, North Interior Mysore and Kerala and below normal in Gujarat, Madhya Maharashtra, Coastal Andhra Pradesh, Rayalaseema and Coastal Mysore. It was normal over the rest of the country.

The mean cloud amount in the evening was above normal in South Assam, Sub-Himalayan West Bengal, Bihar Plains, Marathwada and Vidarbha and below normal in East Rajasthan, Gujarat, Konkan, Madhya Maharashtra, Coastal Andhra Pradesh and Coastal Mysore. It was normal over rest of the country.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 17 chief political divisions and the 33 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. IST of the date noted in the succeeding column; similarly the heaviest rainfall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. IST of the date given in the succeeding column.

Poona - 5;

21 May 1968.

R. ANANTHAKRISHNAN

for Director General of Observatories.

STATEMENT SHOWING THE MOVEMENT AND ACTIVITY OF WESTERN DISTURBANCES DURING THE MONTH OF JANUARY 1968

S.No.	Period	Course	Region	Nature of Precipitation	Period	Remarks
1.	3rd-7th	Afghanistan - Northern Divisions of West Pakistan - Punjab - Western Himalayas	Jammu & Kashmir	Scattered rain or snow	6th & 7th	
			Himachal Pradesh	Fairly widespread / widespread rain or snow	6th & 7th	
			West Uttar Pradesh	Isolated / Scattered rain or snow	5th,6th,7th,8th	
			Punjab	Scattered rain	5th	
2.	8th-11th	South Afghanistan - Northern Divisions of West Pakistan - Western Himalayas	Jammu & Kashmir	Isolated / widespread rain or snow	10th,11th & 12th	
			Himachal Pradesh	Scattered / widespread rain or snow	10th & 11th	
			West Uttar Pradesh	Isolated / scattered rain or snow	10th, 11th & 12th	
			East Uttar Pradesh	Scattered rain	11th	
3.	9th-13th	South Rajasthan and adjoining Gujarat State - Northern Madhya Pradesh - Bihar State - Northern Assam	West Madhya Pradesh	Scattered / Isolated rain	10th & 11th	Induced low
			East Madhya Pradesh	Isolated / widespread rain	10th & 11th	
			Bihar State	Scattered / Fairly Widespread rain	11th	
			Orissa	Scattered rain	11th	
			Gangetic West Bengal	Isolated rain	11th	
			Assam	Fairly widespread rain	12th	
4.	12th-14th	Northeast Afghanistan - Northern divisions of West Pakistan - Western Himalayas	Jammu & Kashmir	Fairly widespread / isolated rain or snow	13th & 14th	
			Himachal Pradesh	Fairly widespread / scattered rain or snow	13th & 14th	
			West Uttar Pradesh	Scattered / Isolated rain or snow	13th & 14th	
5.	18th-22nd	South Afghanistan - North and Central Parts of West Pakistan	Jammu & Kashmir	Isolated / Fairly widespread rain or snow	20th & 21st	Well marked on 20th
			Himachal Pradesh	Widespread rain or snow	21st	
			Punjab	Isolated / Scattered rain	20th & 21st	
			West Uttar Pradesh	Fairly widespread rain or snow	21st	
			West Uttar Pradesh	Scattered / isolated rain or snow	22nd & 23rd	
6.	23rd-25th	East Iran and adjoining Afghanistan & Baluchistan - Northern divisions of West Pakistan - Western Himalayas	Jammu & Kashmir	Scattered rain or snow	25th	Feeble

STATEMENT SHOWING THE MOVEMENT AND ACTIVITY OF WESTERN DISTURBANCES DURING THE MONTH OF JANUARY 1968 (CONTD.)

S.No.	Period	Course	Region	Nature of Precipitation	Period	Remarks
7.	26th-31st	Southeast Afghanistan - Northern Parts of West Pakistan-Western Himalayas	West Rajasthan	Isolated rain	27th & 28th	Fairly active
			Jammu & Kashmir	Fairly widespread /widespread rain or snow	27th,28th,29th & 31st	
			Jammu & Kashmir	Isolated rain or snow	30th	
			Himachal Pradesh	Widespread / Fairly widespread rain or snow	28th, 29th&30th	
8.	27th-31st	Gujarat State - North Madhya Pradesh - Bihar State - Assam	Himachal Pradesh	Scattered / isolated rain or snow	27th & 31st	Induced low
			Punjab	Isolated / scattered rain	27th - 31st	
			West Uttar Pradesh	Fairly widespread rain or snow	28th,29th & 30th	
			West Uttar Pradesh	Isolated rain or snow	27th & 31st	
			East Uttar Pradesh	Fairly widespread rain	29th	
			East Uttar Pradesh	Scattered / isolated rain	28th,30th & 31st	
			Bihar Plains	Fairly widespread rain	29th & 31st	
			Bihar Plains	Isolated / scattered rain	28th & 30th	
			Bihar Plateau	Isolated / scattered rain	29th,30th & 31st	
			Orissa	Isolated rain	31st	
			Gangetic West Bengal	Isolated rain	31st	
			Sub-Himalayan West Bengal	Isolated rain	29th & 31st	
			North Assam	Isolated rain	31st	
			West Madhya Pradesh	Isolated rain	28th	
			East Madhya Pradesh	Scattered / isolated rain	28th, 31st	
			Saurashtra and Kutch	Scattered rain	28th	

TABLE I - DIVISIONAL AND SUB-DIVISIONAL MEANS - JANUARY ,1968(PAUSA 11 - MAGHA 11,1889 SAKA)

DIVISION	Rainfall (millimetres)	Percentage of normal	Mean maximum temperature °C	Mean minimum temperature °C	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud Amount (Oktas) 0830 hrs. IST.	Cloud Amount (Oktas) 1730 hrs. IST.
1	2	3	4	5	6	7	8	9
DIVISION								
1.ASSAM(INCLUDING	23.2	103	23.1	10.6	84	69	2.9	2.6
NEFA,N.L.ETC)	+ 0.7		-0.7	+0.4	+ 3	- 1	+0.3	+0.3
2.WEST BENGAL	7.5	55	24.9	12.2	73	59	1.9	1.6
	- 6.2		-0.6	-0.1	+ 1	+ 2	+0.2	-0.1
3.ORISSA	33.0	273	27.1	14.8	73	55	2.1	2.0
	+ 20.9		-0.5	+0.6	+ 2	+ 3	+0.4	+0.1
4.BIHAR	41.1	211	22.7	10.4	80	63	2.8	2.4
	+ 21.6		-1.6	-0.1	+ 6	+ 8	+0.9	+0.4
5.UTTAR PRADESH	32.5	113	20.4	8.1	85	64	2.6	2.5
	+ 3.7		-1.6	0.0	+ 5	+ 8	+0.3	+0.3
6.HARYANA(INCLU.	30.5	91	19.0	6.7	87	61	2.3	2.4
DELHI CHANDIGARH)	- 3.2		-1.8	-0.1	+ 9	+12	-0.3	-0.1
7.PUNJAB	28.7	71	17.7	5.3	92	65	3.1	3.1
	- 11.5		-1.9	0.0	+ 8	+ 8	+0.2	+0.1
8.HIMACHAL	135.7	170	15.8	3.7	90	68	6.3	4.6
PRADESH	+ 56.1		-2.7	0.0	- 6	+ 8	+0.5	+0.4
9.JAMMU AND	62.7	129	5.8	-4.8	80	75	6.1	5.8
KASHMIR	+ 14.0		-0.9	-2.1	+ 8	+10	+0.7	+0.5
DIVISION-(CONTD.)								
10.RAJASTHAN	8.4	112	21.6	6.9	77	44	1.9	1.8
	+ 0.9		-1.5	-0.4	+10	+ 5	0.0	-0.2
11.MADHYA PRADESH	23.7	139	24.2	10.3	76	48	2.1	2.0
	+ 6.7		-1.7	0.0	+ 9	+ 9	+0.1	-0.2
12.GUJARAT STATE	1.3	81	26.7	11.7	62	36	1.0	1.0
(INCLU.DIU ETC)	- 0.3		-1.1	-0.6	+ 5	0	-0.3	-0.3
13.MAHARASHTRA	8.6	154	28.0	14.7	68	43	1.5	1.7
STATE(INCL.GOA)	+ 3.0		-1.6	-0.7	+ 7	+ 3	-0.1	-0.1
14.ANDHRA PRADESH	9.0	143	29.2	17.1	74	50	1.8	1.8
	+ 2.7		-0.3	-0.3	- 1	+ 1	-0.4	-0.5
15.MADRAS STATE	3.0	8	29.4	20.0	79	61	3.7	3.4
(INCL.PONDICH.)	- 33.6		+0.1	-0.6	0	0	-0.2	-0.3
16.MYSORE	1.0	28	29.4	16.4	71	41	2.2	2.2
	- 2.6		-0.2	-0.5	+ 3	+ 1	0.0	-0.2
17.KERALA	19.8	115	31.8	21.6	73	59	3.6	3.8
	+ 2.6		-0.1	-0.6	0	+ 1	+0.6	+0.6
SUB-DIVISION								
SUB-DIVISION								
1.BAY ISLANDS	55.7	59	29.8	22.2	72	74	4.0	4.4
	- 39.5		0.0	-1.6	- 5	- 6	-0.6	-0.4
2.NORTH ASSAM	24.3	97	23.1	10.8	86	73	3.1	2.7
(INCLUDING NEFA)	- 0.8		-0.5	+0.4	+ 4	0	+0.2	+0.2
3.SOUTH ASSAM	20.5	126	23.1	10.3	79	63	2.5	2.4
(INCL.N.LAND ETC)	+ 4.2		-1.1	+0.4	+ 1	- 1	+0.6	+0.5
4.SUB-HIMALAYAN	10.9	98	23.2	9.7	84	65	2.7	2.4
WEST BENGAL	- 0.2		-0.7	-0.4	+ 5	0	+0.8	+0.4
5.GANGETIC WEST-	6.3	43	25.6	13.2	69	56	1.6	1.3
BENGAL	- 8.3		-0.5	0.0	- 1	+ 2	0.0	-0.3
6.ORISSA	33.0	273	27.1	14.8	73	55	2.1	2.0
	+ 20.9		-0.5	+0.6	+ 2	+ 3	+0.4	+0.1
7.BIHAR PLATEAU	51.5	272	23.7	11.1	74	55	2.6	2.4
	+ 32.6		-1.3	0.0	+ 6	+ 6	+0.7	+0.3
8.BIHAR PLAINS	34.7	175	21.8	9.7	85	69	2.9	2.4
	+ 14.9		-2.0	-0.3	+ 6	+10	+0.9	+0.5
9.UTTAR PRADESH	27.6	115	21.5	8.9	86	65	2.2	2.3
(EAST)	+ 3.6		-1.5	0.0	+ 4	+ 7	0.0	+0.3
10.UTTAR PRADESH	39.4	110	18.9	6.9	84	63	3.1	2.9
(WEST)	+ 3.7		-1.7	-0.2	+ 7	+10	+0.6	+0.4
11.HARYANA(INCLU.	30.5	91	19.0	6.7	87	61	2.3	2.4
DELHI CHANDIGARH)	- 3.2		-1.8	-0.1	+ 9	+12	-0.3	-0.1
12.PUNJAB	28.7	71	17.7	5.3	92	65	3.1	3.1
	- 11.5		-1.9	0.0	+ 8	+ 8	+0.2	+0.1
13.HIMACHAL	135.7	170	15.8	3.7	90	68	6.3	4.6
PRADESH	+ 56.1		-2.7	0.0	- 6	+ 8	+0.5	+0.4
14.JAMMU AND KASH-	62.7	129	5.8	-4.8	80	75	6.1	5.8
-MIR	+ 14.0		-0.9	-2.1	+ 8	+10	+0.7	+0.5
15.RAJASTHAN(WEST)	6.2	107	21.6	6.2	75	41	2.0	2.1
	+ 0.4		-1.4	-1.0	+11	+ 4	0.0	+0.1
16.RAJASTHAN(EAST)	10.3	116	21.6	7.4	79	47	1.9	1.6
	+ 1.4		-1.6	0.0	+10	+ 6	0.0	-0.4
17.MADHYA PRADESH	10.3	77	24.2	9.6	74	42	1.9	1.9
(WEST)	- 3.0		-1.5	-0.4	+10	+ 7	-0.2	-0.3
SUB-DIVISION								
SUB-DIVISION(CONTD)								
18.MADHYA PRADESH	41.5	189	24.2	11.2	80	55	2.4	2.2
(EAST)	+ 19.6		-1.9	+0.6	+ 9	+12	+0.4	+0.1
19.GUJARAT REGION	0.0	0	27.4	11.9	64	35	0.9	0.9
(INCL.DAMAN ETC)	- 2.2		-1.3	-0.3	+ 5	+ 1	-0.4	-0.4
20.SAURASHTRAKUTCH	2.3	177	26.2	11.6	60	37	1.1	1.2
(INCLUDING DIU)	+ 1.0		-1.1	-0.8	+ 4	0	-0.2	-0.1
21.KONKAN	3.6	212	28.1	18.7	69	59	1.3	1.0
(INCLUDING GOA)	+ 1.9		-1.5	-0.5	+ 2	- 2	-0.3	-0.4
22.MADHYA-	0.9	22	29.0	12.6	67	33	1.1	1.5
-MAHARASHTRA	- 3.2		-1.3	-1.0	+10	+ 3	-0.3	-0.4
23.MARATHWADA	10.7	181	27.2	11.7	63	35	1.5	2.4
	+ 4.8		-2.3	-1.1	+12	+ 5	-0.1	+0.4
24.VIDARBHA	21.3	194	27.1	14.0	70	43	2.0	2.3
	+ 10.3		-1.8	-0.4	+ 7	+ 7	+0.2	+0.4
25.COASTAL ANDHRA	6.5	86	29.2	18.0	77	60	1.7	1.6
-PRADESH	- 1.1		+0.3	-0.5	- 1	- 2	-0.6	-0.6
26.TELANGANA	17.5	417	29.0	16.0	73	40	1.9	1.7
	+ 13.3		-1.1	-0.3	0	+ 3	-0.1	-0.3
27.RAYALASEEMA	0.0	0	29.6	17.0	71	45	1.7	2.4
	- 6.8		-0.3	-0.2	- 1	+ 3	-0.5	-0.3
28.MADRAS STATE	3.0	8	29.4	20.0	79	61	3.7	3.4
(INCL.PONDICH.)	- 33.6		+0.1	-0.6	0	0	-0.2	-0.3
29.COASTAL MYSORE	0.0	0	31.1	20.9	69	56	1.6	1.6
	- 2.5		-0.5	+0.5	- 2	- 3	-0.6	-0.5
30.INTERIOR MYSORE	2.7	69	29.1	15.5	65	38	2.0	2.3
(NORTH)	- 1.2		-0.7	-0.7	+ 4	+ 6	+0.4	0.0
31.INTERIOR MYSORE	0.0	0	28.7	15.0	77	36	2.6	2.4
(SOUTH)	- 3.8		+0.2	-0.7	+ 3	0	-0.2	-0.3
32.KERALA	19.8	115	31.8	21.6	73	59	3.6	3.8
	+ 2.6		-0.1	-0.6	0	+ 1	+0.6	+0.6
33.ARABIAN SEA-	40.4	127	30.6	23.0	77	69	3.1	4.4
ISLANDS	+ 8.5		+0.1	-0.3	0	- 3	-0.2	+0.4

Note :- The entries in the second line for each division and sub-division indicate departures from normal.

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - JANUARY 1968 (PAUSA 11 - MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
BAY ISLANDS																												
MAYA BANDAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
LONG ISLAND	29.6	-0.3	32.0	22	19.6	-2.8	16.0	08	1.6	7.4	- 21.6	5.2	18	1	- 0.9	6.0	4.1	+2.1	0	3	0	0	0	0	0	0	0	0
PORT BLAIR	30.4	+1.2	31.5	14	21.9	-0.8	17.7	23	0.2	8.6	- 42.5	8.4	19	1	- 1.2	8.8	7.1	-6.3	1	1	0	0	0	0	0	0	1	0
CAR NICOBAR	29.7	-0.1	30.2	31	22.1	-2.3	16.3	23	23.2	23.2	- 65.5	11.2	13	3	- 1.6	9.3	6.9	-0.2	0	3	0	0	0	0	0	0	0	0
NAN COWRY	31.7	0.0	33.1	22	23.7	-0.6	22.6	23	11.4	122.8	- 15.4	39.4	15	8	- 0.3	1.1	0.7	+0.1	0	9	0	0	0	0	0	0	0	0
KUNDUL	27.7	-0.6	28.8	23	23.5	-1.8	21.6	22	50.1	116.7	- 52.3	37.8	13	9	- 1.0	10.5	9.4	-1.7	0	10	0	0	1	0	0	0	0	0
NORTH ASSAM (INCLUDING NEFA)																												
PASIGHAT	21.3	-1.7	24.6	29	12.3	-0.7	7.8	17	33.0	91.2	+ 42.4	20.2	09	6	+ 1.9	9.3	13.1	-1.4	0	9	0	0	2	0	0	0	0	0
DIBRUGARH (MOHANBARI)	21.9	-0.6	25.3	05	10.1	+1.0	6.4	19	19.2	45.0	+ 1.4	14.8	09	5	+ 0.3	5.4	2.8	+0.7	0	1	0	0	4	11	0	0	0	0
DIGBOI	22.2	+0.1	25.1	06	10.5	-0.3	6.5	19	13.4	33.1	- 19.3	15.2	12	3	- 1.7	..	..	..	0	10	0	0	0	0	0	0	0	0
NORTH LAKHIMPUR	22.5	-0.3	25.4	05	9.1	+0.2	5.2	19	18.3	41.8	+ 2.7	11.0	22	6	+ 2.7	1.7	3.1	..	0	9	0	0	1	0	0	0	0	0
SIBSAGAR	..	..	..	..	..	..	..	..	10.0	57.4	+ 26.9	12.1	22	7	+ 3.8	..	..	..	2	10	..	..	..	..	..	..	..	..
GUMPUR	22.7	-0.4	25.2	07	8.9	-0.1	5.4	17	7.0	42.8	+ 18.5	16.4	08	5	+ 2.7	0.3	0.1	..	0	7	0	0	0	0	0	0	0	0
MAJBAT	23.3	..	26.1	30	13.7	..	10.4	28	0.0	0.0	- 20.0	0.0	..	0	- 2.0	3.9	2.6	+0.1	0	0	0	0	0	0	0	0	0	0
JORHAT AERODROME	22.8	..	25.8	20	11.2	..	7.8	25	9.0	54.9	..	14.0	12	6	..	..	..	..	0	8	0	0	4	18	0	0	0	0
TANGLA	23.9	-0.8	27.1	30	11.5	+1.3	8.1	20	0.0	2.4	- 15.9	1.2	16	0	- 1.9	2.0	2.5	+1.1	0	2	0	0	0	0	0	0	0	0
TEZPUR	23.4	-0.3	26.1	06	12.3	+0.9	9.8	17	7.2	17.9	+ 2.9	7.8	12	2	+ 0.5	4.7	2.8	+0.4	0	7	0	0	0	1	0	0	0	0
GOLAGHAT	22.7	-0.6	25.6	30	10.8	-0.8	7.4	17	1.6	31.4	+ 12.2	17.2	16	2	- 0.5	..	..	..	1	7	0	0	0	2	0	0	0	0
RANGIA	23.7	-1.2	27.0	30	11.4	+1.1	9.1	20	2.0	8.2	- 15.9	6.0	15	1	- 0.8	..	..	..	0	2	0	0	0	2	0	0	0	0
CHAPARMUKH	24.1	-0.5	26.5	09	12.6	+1.7	9.5	21	0.0	7.6	+ 2.8	4.2	21	2	+ 1.3	3.8	3.5	..	0	2	0	0	0	0	0	0	0	0
GOALPARA	24.9	-0.1	28.1	31	11.9	+1.4	7.4	19	0.0	4.5	- 18.1	2.2	30	0	- 1.4	4.0	2.2	-0.1	0	3	0	0	0	4	0	0	0	0
GAUHATI (BHORJUR)	23.3	-0.1	26.1	30	10.0	+0.2	7.3	25	0.2	0.3	- 15.3	0.2	31	0	- 1.5	6.2	3.5	..	2	0	0	0	1	14	0	0	0	0
DHUBRI (RUPSI)	23.5	-0.8	25.7	07	10.0	-0.1	6.6	18	3.5	5.8	- 18.7	3.2	08	1	- 0.8	6.8	4.8	+2.1	0	3	0	0	0	9	0	0	0	0
DHUBRI	22.7	-0.2	26.5	22	11.4	-0.4	9.5	27	3.0	3.8	- 4.6	1.6	08	0	- 0.7	0.4	6.0	+1.6	0	4	0	0	0	0	0	0	0	0
LUMDING	23.9	0.0	28.0	30	9.1	+0.5	5.8	25	4.5	19.9	+ 4.9	9.0	16	3	+ 1.6	3.3	2.2	..	0	4	0	0	0	0	0	0	0	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																												
TURA	23.3	-0.3	25.4	05	12.4	+0.1	9.6	09	3.7	6.2	- 3.8	3.3	16	1	- 0.5	4.5	5.3	0.0	1	3	0	0	0	0	0	0	0	0
HAFLONG	18.2	-2.8	20.6	08	11.1	+0.7	9.2	28	2.8	44.2	+ 18.4	25.0	16	2	+ 0.4	..	..	..	0	3	0	0	2	0	0	0	0	0
SILCHAR (KUMBHIRGRAM)	25.4	-0.7	30.0	07	12.4	+0.6	9.7	20	3.1	16.5	+ 0.4	7.0	16	3	+ 1.4	5.5	7.3	-0.4	1	4	0	0	2	1	0	0	0	0
SILCHAR	21.9	-3.6	24.0	30	12.9	+1.2	9.9	26	3.0	19.6	- 1.0	12.4	12	2	+ 0.6	2.2	1.0	-0.4	0	5	0	0	0	0	0	0	0	0
IMPHAL (TULIHAL)	21.4	+0.3	24.4	28	4.0	+0.4	0.8	21	3.0	23.2	+ 5.9	14.2	12	2	+ 0.3	6.7	3.9	-1.0	0	3	0	0	1	3	0	0	0	0
KAILASHAHAR	25.8	-0.4	27.7	11	9.0	-0.3	5.5	26	0.0	5.0	- 1.9	4.8	12	1	+ 0.5	3.5	1.5	-0.4	1	1	0	0	0	8	0	0	0	0
AGARTALA	25.8	+0.2	28.5	30	10.0	-0.3	6.5	19	29.1	29.1	+ 11.9	28.8	12	1	- 0.3	7.3	3.6	-0.1	0	2	0	0	0	5	0	0	0	0
SUB-HIMALAYAN WEST BENGAL																												
BAGHDOGRA	23.7	-0.3	27.6	05	7.1	-1.6	3.5	24	11.9	15.1	- 3.8	6.2	08	2	+ 0.4	8.3	6.7	+3.0	0	6	0	0	1	0	0	0	0	0
JALPAIGURI	22.5	-0.9	25.5	05	11.0	+0.2	8.3	24	4.6	6.0	- 0.9	3.8	08	1	+ 0.4	5.0	4.0	+0.7	0	3	0	0	0	5	0	0	0	0
COOCH BEHAR AERODROME	22.8	-1.2	25.7	05	8.9	-1.2	6.1	24	5.9	7.6	0.0	4.2	08	1	+ 0.4	4.8	2.1	-0.4	0	6	0	0	0	16	0	0	0	0
BALURGHAT	24.0	..	26.0	31	10.6	..	7.2	19	0.0	6.2	..	6.2	08	1	..	4.3	2.9	..	0	1	0	0	0	0	0	0	0	0
MALDA	23.7	-0.5	26.3	02	11.6	+0.8	7.7	19	1.0	14.9	+ 4.0	11.0	08	1	+ 0.1	3.2	1.9	-2.5	0	4	0	0	0	0	0	0	0	0
GANGETIC WEST BENGAL																												
BERHAMPURE	24.9	-0.8	27.9	02	12.2	+0.4	8.0	18	0.0	2.4	- 6.7	2.2	08	0	- 1.0	2.8	1.2	-0.2	1	1	0	0	0	25	0	0	0	0
SURI	24.5	-0.8	27.5	07	12.6	-0.1	8.8	18	..	3.8	- 28.9	2.2	08	0	- 1.6	.	4.9	-0.9	0	3	0	0	0	0	0	0	0	0
ASANSOL	25.3	-0.4	29.0	07	11.2	-1.0	5.8	18	8.3	13.2	- 3.3	7.3	11	2	+ 0.7	8.0	4.4	-0.9	1	3	0	0	0	0	0	0	0	0
SHANTI NIKETAN	24.6	..	27.3	02	12.2	..	8.4	19	0.0	1.6	..	0.8	08	0	..	5.4	4.2	..	1	2	0	0	0	0	0	0	0	0
KRISHNANAGAR	26.9	+0.1	29.8	08	..	..	..	..	0.0	0.5	- 12.0	0.5	31	0	- 1.0	3.3	2.6	+0.5	0	1	0	0	0	0	0	0	0	0
PURULIA	23.7	-1.7	28.9	07	11.6	-1.2	7.8	20	22.3	37.6	+ 28.7	24.3	11	3	+ 1.9	5.7	3.5	+0.4	0	4	0	0	2	0	0	0	0	0
BANKURA	25.3	..	28.5	02	13.0	..	9.1	18	2.2	7.2	- 11.1	4.5	31	1	- 0.3	2.9	1.9	..	0	3	0	0	0	0	0	0	0	0
BURDWAN	26.5	+0.3	30.4	08	12.9	+0.2	9.0	18	0.0	0.0	- 13.5	0.0	..	0	- 1.1	6.8	4.7	+1.9	0	0	0	0	0	0	0	0	0	0
CALCUTTA (DUM DUM)	25.8	-0.6	29.1	08	12.6	+0.3	8.8	20	0.6	0.6	- 8.0	0.6	15	0	- 1.1	5.6	3.1	-1.0	0	1	0	0	0	1	0	0	0	0
CALCUTTA	26.4	-0.4	29.7	01	14.1	+0.5	10.1	20	1.4	2.6	- 9.3	1.4	15	0	- 0.9	6.4	3.8	+1.0	0	2	0	0	0	2	0	0	0	0
MIDNAPORE	26.0	-0.9	29.5	01	13.6	+0.5	9.0	18	0.2	7.4	- 7.8	7.4	15	1	- 0.1	5.6	3.3	0.0	0	1	0	0	0	0	0	0	0	0
CONTAI	26.1	-0.5	29.8	08	14.6	+0.1	10.5	18	0.0	0.0	- 13.5	0.0	..	0	- 1.0	4.4	2.2	-1.9	0	0	0	0	0	0	0	0	0	0
SAGAR ISLAND	25.1	+0.1	27.7	02	16.2	+0.4	12.1	18	0.8	0.8	- 13.4	0.8	15	0	- 1.0	13.9	11.7	+0.4	0	1	0	0	0	11	0	0	0	0
SANDHEADS	25.5	..	29.8	08	21.0	..	18.2	18	0.0	0.0	- 7.6	0.0	..	0	- 0.7	..	..	..	0	0	0	0	0	0	0	0	0	0
ORISSA																												
BARIPADA	27.0	-1.4	31.0	08	13.0	+0.5	8.7	20	2.2	5.6	- 15.8	3.4	14	1	- 0.4	3.5	1.7	-0.1	0	2	0	0	0	0	0	0	0	0
JHARSUGUDA	26.2	-1.4	30.4	02	13.1	+0.4	8.5	20	20.1	53.5	+ 38.0	36.4	11	4	+ 2.7	7.2	6.0	+0.2	0	4	0	0	5	1	0	0	0	0
KEONJHARGARH	26.4	+0.7	29.4	07	11.0	-1.2	7.7	25	0.0	25.2	+ 14.8	21.2	14	2	+ 0.6	6.0	3.5	-0.2	0	2	0	0	0	0	0	0	0	0
BALASORE	26.8	-0.3	30.6	01	14.0	-0.1	10.4	17	1.4	5.6	- 13.5	4.2	14	1	- 0.2	7.7	4.6	+0.6	0	2	0	0	0	0	0	0	0	0
SAMBALPUR	26.6	-1.6	31.1	02	12.9	+0.3	8.8	19	13.4	41.0	+ 24.7	25.0	11	2	+ 1.0	6.7	6.0	+3.0	0	3	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - JANUARY 1968 (PAUSA 11 - MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena - No. of days with										
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
ORISSA (CONTD.)																												
ANGUL	27.3	-0.4	31.6	09	14.2	+0.4	10.0	20	0.0	2.2	- 10.3	2.2	14	0	- 1.0	2.3	1.5	-3.9	0	1	0	0	0	0	0	0	0	0
CHANDBALI	27.0	0.0	31.5	01	14.5	-0.3	10.5	17	12.6	12.6	+ 0.9	12.6	15	1	0.0	8.0	5.6	-0.1	0	1	0	0	0	0	0	0	0	0
BOLANGIR	28.0	-0.3	31.9	08	19.0	+4.9	14.9	18	0.0	32.4	+ 27.0	17.0	14	2	+ 1.2	3.5	4.2	+0.6	0	3	0	0	0	0	0	0	0	0
PHULBANI	26.0	..	32.7	05	9.9	..	3.2	19	0.2	28.4	..	20.4	14	2	..	4.2	2.1	..	0	3	0	0	0	3	0	0	0	0
CUTTACK	29.2	+0.3	32.9	08	16.9	+1.2	12.3	19	0.0	19.0	+ 7.8	19.0	14	1	+ 0.1	4.7	3.2	+0.3	0	1	0	0	0	0	0	0	0	0
TITLAGARH	28.5	-0.2	31.3	02	14.9	+1.2	9.8	20	0.0	58.1	+ 51.1	58.1	14	1	+ 0.4	2.5	2.3	+0.3	0	1	0	0	1	0	0	0	0	0
BHUBANESWAR	27.8	-0.8	32.0	01	15.8	-0.1	11.4	19	0.2	33.6	+ 22.0	33.6	14	1	+ 0.3	10.8	9.0	-0.1	0	1	0	0	2	1	0	0	0	0
PURI	27.6	+0.7	29.8	12	19.1	+1.2	17.0	19	0.0	23.8	+ 11.6	23.8	14	1	+ 0.2	16.2	11.5	-0.4	0	1	0	0	0	0	0	0	0	0
GOPALPUR	26.8	-0.6	29.6	08	16.9	0.0	12.6	19	0.4	113.2	+104.6	84.8	10	2	+ 1.3	12.4	9.4	-0.1	0	3	0	0	0	0	0	0	0	0
KORAPUT	24.1	-1.1	28.2	31	11.4	-0.6	7.0	17	5.0	36.5	+ 29.4	36.0	14	1	+ 0.8	..	..	..	0	2	0	0	0	0	0	0	0	0
BIHAR PLATEAU																												
DUMKA	24.4	-0.9	27.5	02	11.4	+0.8	7.8	19	2.6	15.1	- 0.9	7.3	08	2	+ 0.7	4.8	3.0	+0.1	0	5	0	0	0	0	0	0	0	0
DALTONGANJ	23.4	-1.0	27.3	07	9.7	+0.3	4.9	27	84.8	125.8	+ 98.9	34.6	11	6	+ 4.0	..	..	..	0	8	0	0	0	0	0	0	0	0
HAZARIBAGH	20.5	-2.3	24.5	07	7.9	-1.7	3.4	20	30.9	68.6	+ 42.4	24.0	11	6	+ 3.9	9.9	7.5	+0.6	0	6	0	0	4	1	0	0	0	0
DHANBAD	24.1	-0.6	28.7	07	12.0	-0.1	8.4	18	12.6	23.4	+ 11.2	14.8	11	1	0.0	2.1	1.6	-4.5	0	4	0	0	0	12	0	0	0	0
RANCHI AERODROME	20.9	-2.3	25.9	08	9.8	-1.0	5.5	18	23.3	48.1	+ 29.9	34.5	11	3	+ 1.2	10.4	7.9	+0.1	0	5	0	0	2	2	0	0	0	0
JAMSHEDPUR	25.8	-0.9	30.8	08	13.6	+1.8	8.8	20	8.2	40.1	+ 23.3	28.2	11	3	+ 1.6	6.5	4.7	+1.6	0	3	0	0	0	7	0	0	0	0
JAMSHEDPUR P.B.O.	24.9	-1.4	30.2	08	13.0	+0.8	8.4	18	8.2	49.4	+ 35.3	34.0	11	3	+ 1.3	7.6	4.6	+1.1	0	4	0	0	2	0	0	0	0	0
CHAIBASA	25.4	-1.1	31.0	08	11.7	-0.3	7.4	18	0.0	41.5	+ 20.4	33.0	11	2	+ 0.3	3.3	1.8	0.0	0	4	0	0	0	0	0	0	0	0
BIHAR PLAINS																												
MOTIHARI	22.2	-0.7	24.4	04	7.6	-1.3	4.1	23	11.4	59.8	+ 42.5	16.7	15	5	+ 3.5	3.0	1.5	-0.7	0	7	0	0	0	0	0	0	0	0
FORBESGANJ	19.4	-5.5	24.6	05	9.6	+0.5	6.2	24	17.6	22.8	- 10.9	11.4	31	2	+ 0.4	7.1	3.6	-0.5	0	5	0	0	0	6	0	0	0	0
DARBHANGA	22.5	-1.1	25.4	04	10.3	+0.3	7.2	23	18.2	33.2	+ 22.5	16.0	08	3	+ 2.1	2.9	1.8	+0.1	0	6	0	0	0	0	0	0	0	0
MUZAFFARPUR	21.5	..	24.3	01	10.0	..	6.6	17	20.6	44.6	+ 29.6	12.8	08	4	+ 2.8	..	..	..	0	6	0	0	1	2	0	0	0	0
CHAPRA	21.9	..	24.5	07	10.9	..	7.2	26	12.8	76.6	+ 63.9	23.4	15	6	+ 4.7	4.1	3.6	..	0	6	0	2	2	6	0	0	0	0
PURNEA	22.4	-1.9	25.3	08	7.9	-0.9	4.1	27	11.6	19.0	+ 10.4	8.4	08	3	+ 2.3	3.8	1.9	-1.0	0	4	0	0	0	0	0	0	0	0
PATNA	22.1	-1.5	25.4	22	11.2	+0.2	7.3	26	13.0	24.2	+ 8.7	8.2	07	3	+ 1.6	6.4	5.5	+0.4	0	6	0	0	0	2	0	0	0	0
PATNA AERODROME	21.5	-1.8	24.6	07	9.9	0.0	6.7	27	4.7	30.9	+ 2.5	12.5	30	4	+ 2.7	8.3	4.3	+0.7	0	6	0	0	3	6	0	0	0	0
ARRAH	..	..	..	..	..	..	..	..	0.0	0.0	- 18.4	0.0	..	0	- 1.4	..	..	..	0	0	..	..	..	..	..	..	..	..
BHAGALPUR	22.1	-1.9	25.3	07	11.9	+0.1	8.4	19	13.5	24.8	- 9.7	9.1	08	5	+ 3.2	3.3	5.5	+0.5	0	6	0	0	1	3	0	0	0	0
SABAUR	21.7	-1.9	25.0	02	8.2	-0.2	4.0	19	16.8	30.0	+ 16.3	9.4	08	5	+ 3.8	7.9	3.8	-0.7	1	5	0	0	1	5	0	0	0	0
JAMUI	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
DEHRI	22.3	-1.5	26.4	23	10.7	-0.9	7.6	27	15.6	39.5	+ 19.9	8.2	29	7	+ 5.3	6.1	5.5	+1.3	0	8	0	0	1	0	0	0	0	0
GAYA	22.1	-2.1	27.1	22	10.0	-0.1	5.6	18	21.5	45.4	+ 16.2	11.4	31	6	+ 3.9	8.3	5.7	-0.1	0	8	0	0	5	1	0	0	0	0
UTTAR PRADESH EAST																												
KHERI	22.0	-0.3	25.4	07	9.0	+0.1	6.5	03	13.5	24.5	- 19.4	13.5	29	7	+ 3.8	15.0	3.2	+0.8	0	4	0	0	3	1	0	0	0	0
BAHRAICH	22.0	-0.6	25.4	07	8.7	-0.1	4.3	19	31.6	37.6	+ 15.8	19.4	08	5	+ 3.3	7.1	4.7	+0.7	0	5	0	0	0	0	0	0	0	0
NAUTANWA	22.0	-1.1	24.6	12	8.3	-0.6	6.0	20	13.2	29.8	+ 7.1	15.6	29	3	+ 1.3	4.4	2.5	+0.2	0	3	0	0	0	0	0	0	0	0
HARDOI	20.2	-1.9	24.1	07	8.7	+0.2	6.0	20	4.2	5.4	- 33.4	4.2	11	2	- 0.8	5.7	2.6	-1.7	0	2	0	0	0	1	0	0	0	0
GONDA	21.3	-1.6	24.1	07	8.6	+0.3	5.7	25	29.8	31.4	+ 9.6	14.6	08	3	+ 1.1	6.2	4.6	+0.7	0	4	0	0	2	0	0	0	0	0
LUCKNOW	20.5	-2.8	24.0	07	8.9	0.0	6.8	21	0.4	11.0	- 6.5	11.0	07	2	+ 0.5	..	..	..	0	1	0	1	4	3	0	0	0	0
LUCKNOW (AMAUSI)	20.9	-1.4	23.9	06	8.1	+0.1	4.6	27	8.8	13.2	- 18.2	5.8	29	8	+ 5.6	9.6	6.4	+0.4	1	4	0	1	1	6	0	0	0	0
FAIZABAD	22.1	-0.4	26.1	07	8.6	+1.3	5.8	16	7.9	34.4	+ 13.7	27.2	11	4	+ 2.5	..	..	..	0	4	0	0	4	2	0	0	0	0
GORAKHPUR	22.3	-0.7	24.9	07	10.0	+0.1	7.5	18	51.7	96.3	+ 82.8	28.1	08	8	+ 6.6	5.7	3.5	+0.6	0	7	0	0	1	0	0	0	0	0
KANPUR	20.5	-2.3	23.5	21	9.1	+0.5	5.2	30	17.2	20.3	+ 6.6	19.7	07	2	+ 0.5	13.0	9.5	+2.9	0	2	0	1	1	7	0	0	0	0
KANPUR (AERODROME)	20.9	..	23.7	06	8.3	..	5.0	16	19.8	19.8	..	18.3	07	5	..	..	..	..	0	1	0	0	1	6	0	0	0	0
SULTANPUR	21.6	-0.8	25.5	07	9.2	+0.4	5.5	19	7.4	23.4	+ 1.6	13.0	07	5	+ 3.2	3.9	3.0	0.0	.	..	0	0	3	1	0	0	0	0
AZAMGARH	22.2	-1.1	25.9	22	7.7	-2.0	3.7	07	12.6	27.4	+ 5.0	10.6	29	8	+ 5.9	5.2	2.9	..	0	8	..	..	..	..	..	..	..	..
FATEHPUR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..
BALLIA	21.2	-2.7	25.5	03	..	..	..	..	10.8	47.6	+ 16.2	24.4	07	4	+ 2.0	3.6	2.8	-0.1	.	..	..	..	..	..	..	..	..	..
BANDA	21.8	-1.9	26.4	21	9.9	+0.3	6.4	17	7.2	11.2	- 10.3	5.0	11	3	+ 0.5	2.5	1.2	-0.4	0	4	0	0	2	3	0	0	0	
ALLAHABAD (BAMHRAULI)	21.8	-1.9	25.4	06	9.0	-0.1	4.6	17	2.9	24.1	+ 4.5	16.1	07	4	+ 2.4	5.9	3.4	-1.4	0	4	0	1	4	6	2	0	1	
VARANASI (BABATPUR)	21.5	-1.6	24.9	22	9.3	+0.1	4.4	27	1.7	17.0	- 6.5	11.2	07	5	+ 2.9	9.9	8.1	+1.6	1	4	0	0	6	7	0	0	0	0
VARANASI	21.8	-1.6	25.4	22	9.7	+0.2	5.0	27	6.8	14.6	- 7.0	5.8	15	3	+ 1.2	2.3	3.9	-2.5	0	4	0	0	0	10	0	0	0	0
UTTAR PRADESH WEST																												
MUKHIM	10.9	-1.0	16.0	04	2.8	-0.8	- 1.1	30	13.2	73.6	- 3.2	18.4	27	6	+ 1.2	..	..	..	0	9	0	3	1	3	0	0	0	
TEHRI	18.0	-0.9	22.0	19	5.3	+0.3	2.8	16	13.7	82.5	+ 18.7	33.5	29	9	+ 4.0	2.1	1.3	..	0	7	0	0	1	4	0	0	0	
DEHRA DUN	18.3	-0.8	21.3	04	6.0	-0.1	3.4	22	10.9	75.0	+ 17.1	28.6	30	8	+ 4.2	1.2	1.0	-1.6	1	9	0	0	2	0	0	0	0	
MANSIARI	..	..	..	..	..	..	..	..	196.5	465.3	..	114.2	29	..	..	..	..	..	1	1	0	0	0	0	0	0	0	
ROORKEE	19.4	-0.7	21.8	07	6.0	-0.6	3.4	15	3.1	41.3	- 1.9	11.2	29	2	- 0.8	5.2	3.5	-0.5	0	8	0	2	0	0	1	0	0	

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - JANUARY 1968 (PAUSA 11 - MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No. of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.3 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
UTTAR PRADESH WEST (CONTD.)																												
MAJIBABAD	19.4	-0.9	22.5	07	6.1	-0.9	2.8	18	4.2	46.6	- 6.7	18.2	29	8	+ 7.6	6.9	4.5	+1.0	1	7	0	1	1	7	0	0	0	0
MEERUT	20.5	-0.1	23.0	07	5.5	-2.4	3.0	16	..	22.0	- 8.2	10.0	29	3	+ 0.5	0.0	0.6	-4.3	0	0	0	0	0	0	0	0	0	0
BAREILLY	20.2	-1.8	23.8	07	8.9	+0.3	6.1	19	5.4	22.3	- 2.1	6.4	07	5	+ 3.2	3.1	5.7	+2.2	9	7	0	1	1	2	0	0	0	0
ALIGARH	19.3	-2.4	21.9	20	7.7	+0.1	4.4	16	5.6	26.6	+ 8.8	14.4	05	3	+ 1.4	8.9	5.0	-0.3	1	4	0	0	1	1	0	0	0	0
MAINPURI	20.4	-2.3	24.6	07	8.1	+0.4	3.4	24	5.9	16.9	+ 1.7	10.0	05	4	+ 2.5	..	..	..	5	4	0	0	0	0	3	0	0	0
AGRA	19.3	-2.9	23.0	07	8.2	+0.8	4.6	24	24.0	37.4	+ 24.2	17.0	05	6	+ 4.8	4.2	3.1	-0.5	1	6	0	0	0	0	0	0	0	0
AGRA AERODROME	19.8	..	23.7	07	7.7	..	3.9	24	29.8	42.5	..	18.6	05	6	..	..	..	..	0	4	0	1	3	13	0	0	0	0
ORAI	20.1	-2.9	24.4	21	9.1	+0.7	5.4	24	13.0	15.4	- 3.6	13.0	11	2	+ 0.1	7.3	6.2	+0.6	0	2	0	0	0	0	2	0	0	0
JHANSI	21.0	-3.1	25.0	30	8.9	-0.3	5.1	24	10.3	12.7	- 1.3	10.3	11	2	+ 0.7	3.8	4.2	+0.3	0	2	0	0	0	0	0	0	0	0
MORADABAD	19.2	..	22.0	07	8.0	..	5.7	19	7.6	20.6	..	7.6	30	6	..	5.3	5.3	..	6	4	0	0	0	0	0	0	0	0
HARYANA (INCLUDING DELHI AND CHANDIGARH)																												
CHANDIGARH	19.7	-0.4	21.5	05	5.7	-1.6	2.8	19	27.3	62.9	+ 6.9	22.7	29	6	+ 1.4	..	..	..	0	0	0	0	0	0	0	0	0	0
AMBALA	18.4	-2.4	20.6	06	7.1	+0.3	4.0	19	15.5	64.8	+ 26.5	27.0	30	4	+ 1.3	2.7	5.4	-0.1	0	4	0	0	0	0	0	0	0	0
AMBALA AERODROME	18.7	..	21.0	06	4.9	..	1.5	15	19.6	62.3	..	21.6	30	8	..	..	..	..	0	4	0	0	3	6	0	0	0	0
KARNAL	18.3	-1.9	20.8	20	7.3	+0.3	4.4	19	0.5	12.8	- 23.4	9.3	21	1	- 2.9	6.7	5.4	..	0	4	0	0	0	0	0	0	0	0
HISSAR	19.3	-2.4	23.1	20	5.8	+0.3	2.6	22	0.0	0.0	- 17.0	0.0	..	0	- 1.5	6.5	5.3	-0.2	0	0	0	0	0	3	0	0	0	0
NEW DELHI/SAFDARJUNG	19.2	-2.1	22.6	06	7.6	+0.3	4.9	24	2.0	12.1	- 8.7	7.7	29	2	+ 0.2	14.2	9.0	+0.6	1	2	0	0	2	11	0	0	0	0
PALAM AERODROME	18.8	..	21.4	29	6.3	..	2.3	16	1.7	15.7	..	12.1	24	2	..	..	..	..	0	2	0	0	3	5	0	0	0	0
GURGAON	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
KARNAUL	21.4	..	22.5	08	5.2	..	2.6	27	0.0	9.1	..	9.1	05	3	..	3.1	3.5	..	0	1	0	0	0	0	0	0	0	0
ROHTAK	18.8	..	22.0	19	6.7	..	3.0	22	0.2	4.8	..	3.0	30	3	..	8.6	6.1	..	0	4	0	0	0	0	0	0	0	0
PUNJAB																												
PATHANKOT	17.0	-1.4	20.2	01	4.9	-0.7	1.4	14	46.6	91.2	- 1.0	39.2	28	10	+ 4.8	..	..	..	0	3	0	0	6	0	0	0	0	0
AMRITSAR	17.1	-1.5	19.6	07	5.0	+0.5	2.1	15	21.9	34.4	- 2.7	18.7	28	5	+ 2.1	..	..	..	0	6	0	0	1	5	0	0	0	0
ADAMPUR AERODROME	17.4	..	20.1	06	3.4	..	- 0.3	15	18.0	27.5	..	15.9	28	6	..	..	..	..	0	4	0	0	1	14	0	0	0	0
LUDHIANA	18.4	-1.8	20.8	01	6.1	+0.3	3.4	16	4.6	11.8	- 21.5	5.4	21	5	+ 2.6	5.2	3.2	+0.6	0	4	0	0	2	2	0	0	0	0
FEROZEPUR	17.1	-2.2	19.4	20	4.1	-1.0	1.6	13	9.6	26.9	- 9.3	11.0	28	5	+ 2.9	3.6	2.6	+0.8	0	4	0	0	0	0	0	0	0	0
HALWARA AERODROME	17.9	..	19.9	06	4.1	..	0.3	18	13.2	16.3	..	10.2	21	9	..	..	..	..	0	4	0	0	2	8	0	1	0	0
PATIALA	18.4	-1.8	20.4	20	6.7	-0.4	3.1	16	1.0	2.3	- 30.2	1.3	29	4	+ 1.5	9.5	3.9	-3.3	0	2	0	0	0	0	0	0	0	0
BHATINDA	18.1	-2.6	20.9	20	4.7	+0.8	2.0	16	4.2	5.8	- 3.8	4.2	28	3	+ 2.3	2.3	2.2	-2.1	0	2	0	0	0	5	0	0	0	0
HIMACHAL PRADESH																												
MANDI	16.7	-1.0	20.5	07	3.7	0.0	1.5	16	38.0	140.8	+ 58.8	30.4	29	11	+ 4.8	..	..	..	0	11	0	0	0	0	2	0	0	0
BILASPUR	14.9	-4.4	19.6	15	..	..	..	..	42.2	130.6	+ 53.5	4.5	29	11	+ 6.2	4.5	3.5	+0.8	0	10	0	0	5	24	0	0	0	0
JAMMU AND KASHMIR																												
MISGAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
GILGIT	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SKARDU	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
DRAS	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SONAMARG	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
LEH	-1.0	+1.8	3.4	01	-16.9	-4.9	-21.7	16	0.0	4.2	- 6.7	4.2	28	0	- 1.2	3.9	4.1	+0.7	0	0	3	0	0	0	0	0	0	0
SRINAGAR	0.8	-3.6	5.5	08	- 4.8	-8.8	-10.6	22	35.7	67.0	- 3.4	20.3	21	0	- 6.3	6.4	4.4	+0.8	0	13	16	0	0	0	0	0	0	0
SRINAGAR AERODROME	-1.0	..	6.5	08	- 2.2	..	-13.9	22	44.1	91.9	..	31.8	31	15	..	..	..	..	8	12	0	0	0	5	0	0	0	0
GULMARG	SEASONAL OBSERVATORY																											
QAZIGUND	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
BANIHAL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
JAMMU	17.7	-0.7	21.0	04	7.3	-1.0	4.4	31	35.5	117.0	+ 52.2	41.3	28	5	+ 1.1	6.2	6.1	..	0	8	0	0	2	0	0	0	0	0
JAMMU AERODROME	17.1	..	21.2	01	7.4	..	4.0	31	78.6	107.2	..	8.7	28	1	..	..	..	..	0	8	0	1	3	1	0	0	0	0
GULMARG (RESEARCH INSTITUTE)	-2.1	..	3.8	05	-10.5	..	-15.2	02	77.5	130.3	..	32.2	29	0	..	..	..	..	0	4	13	0	0	8	0	0	0	0
RAJASTHAN, WEST																												
GANGANAGAR	19.3	-1.2	23.8	20	..	..	..	..	4.2	6.4	- 8.7	4.2	28	2	+ 0.4	3.6	2.0	-2.0	0	2	0	0	0	0	4	0	0	0
ANUPGARH	20.2	..	25.4	20	5.4	..	2.1	24	0.0	10.2	..	10.2	27	..	..	6.3	4.4	..	0	1	..	..	..	..	..	.	..	.
MAHAJAN	20.1	..	23.0	18	6.9	..	1.0	23	0.0	0.0	..	0.0	..	0	..	8.6	5.5	..	0	0	0	0	0	0	0	0	0	0
CHURU	20.3	-1.7	25.0	20	4.7	-1.1	1.3	23	4.2	5.4	- 3.7	5.4	05	1	+ 0.4	6.4	5.3	+0.2	0	1	0	0	1	5	0	0	0	0
BIKANER	20.6	-1.7	25.7	20	5.7	+0.7	1.9	23	1.0	3.6	- 1.7	2.6	04	2	+ 1.3	6.6	5.3	+0.7	0	2	0	2	0	1	0	0	0	0
NAGAUR	21.3	-1.3	25.2	20	6.3	0.0	3.1	16	28.2	28.2	+ 27.4	28.2	05	1	+ 1.0	5.9	5.5	+0.4	0	0	0	1	1	0	0	0	0	0
PHALODI	20.8	-1.9	25.0	20	5.4	-1.2	3.0	21	0.0	6.0	+ 2.2	6.0	04	1	+ 0.7	9.1	7.6	-2.4	0	1	0	0	0	0	0	0	0	0
JAISALMER	21.9	-1.7	25.4	19	5.2	-2.7	1.8	15	0.0	2.2	+ 0.2	2.2	09	1	+ 0.6	9.9	8.5	-0.1	0	1	0	0	0	0	0	0	0	0
JODHPUR	24.1	-0.5	27.2	20	8.7	-0.8	3.3	21	0.0	0.0	- 5.1	0.0	..	0	- 0.4	..	..	..	0	0	0	0	2	0	0	0	0	0
BARMER	..	..	..	..	..	..	..	..	0.0	0.0	- 6.1	0.0	..	0	- 0.4	6.3	2.6	-5.0	0	0	0	0	1	0	0	0	0	0
ERINPURA (JAWAI DAM)	24.3	-1.0	27.4	04	7.4	-2.1	2.3	22	3.9	3.9	- 1.1	2.4	04	2	+ 1.7	4.3	3.4	-0.6	0	2	0	0	0	1	0	0	0	0

TABLE II – SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER – JANUARY 1968 (PAUSA 11 – MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena – No. of days with: Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
RAJASTHAN, EAST																												
PILANI	20.6	-1.7	25.5	20	3.1	-1.3	0.0	23	2.4	10.4	+ 7.6	9.4	05	2	+ 1.4	8.5	6.5	-0.7	0	2	0	0	0	5	0	0	0	0
SIKAR	20.7	-1.3	23.8	20	4.7	-1.1	0.1	23	14.0	24.1	+ 13.2	24.1	05	3	+ 1.6	4.0	3.5	-2.6	0	0	0	0	0	0	0	0	0	0
ALWAR	19.2	-3.1	22.0	20	7.0	-0.2	3.9	23	10.0	33.1	+ 18.4	18.1	05	7	+ 5.8	4.5	2.6	-0.2	1	5	0	0	3	0	0	0	0	0
JAIPUR (SANGANER)	21.1	-0.9	23.6	19	7.7	-0.6	2.8	23	0.8	7.6	- 3.3	5.6	04	5	+ 4.1	..	..	..	0	3	0	0	1	1	0	0	0	0
DHOLPUR	20.2	-2.5	24.7	22	7.8	-0.4	3.2	24	9.2	31.3	+ 19.2	19.8	05	4	+ 1.4	4.6	2.5	-1.1	0	4	0	0	2	3	0	0	0	0
AJMER	21.6	-0.6	24.8	20	6.9	-0.4	3.3	16	0.0	7.6	- 7.1	2.6	04	2	+ 1.1	6.8	4.5	+1.1	0	0	0	0	2	1	0	0	0	0
TONK	21.9	-0.5	25.9	21	7.9	+2.9	3.0	23	3.6	4.1	+ 2.8	3.0	05	3	+ 2.7	7.2	3.2	-1.6	0	2	0	0	0	0	0	0	0	0
BHILWARA	22.1	..	26.1	20	7.6	..	3.6	16	0.0	0.0	..	0.0	..	0	..	7.1	5.4	..	0	0	0	0	0	3	0	0	0	0
KOTA	23.3	-1.2	27.8	28	9.9	-0.7	6.4	24	0.0	0.0	- 7.6	0.0	..	2	+ 1.2	5.4	3.4	+1.2	0	0	0	0	1	0	0	0	0	0
KOTA AERODROME	22.6	..	27.6	20	10.2	..	6.0	23	0.0	0.0	..	0.0	..	1	..	8.0	6.5	..	0	0	0	0	1	1	0	0	0	0
CHAMBAL (RAWAT BHATTA DAM)	23.7	-1.4	28.8	04	10.0	+2.6	5.1	23	0.0	0.0	- 8.1	0.0	..	0	- 0.8	7.5	4.5	+0.4	0	0	0	0	0	1	0	0	0	0
UDAIPUR	21.3	-2.9	27.9	04	7.1	-0.7	2.3	16	0.0	0.0	- 5.6	0.0	..	0	- 0.5	0.5	1.7	-0.5	0	0	0	0	0	0	0	0	0	0
JHALAWAR	23.9	-1.2	27.9	28	9.3	-0.1	4.3	23	0.0	0.0	- 14.0	0.0	..	0	- 1.3	6.2	4.2	+0.6	0	0	0	0	0	0	0	0	0	0
BANSWARA	26.1	..	31.2	04	12.3	..	8.6	22	0.0	0.0	..	0.0	..	0	..	6.7	5.4	..	0	0	0	0	0	0	0	0	0	0
DUNGARPUR	25.3	..	29.4	04	7.5	..	2.7	16	0.0	0.0	..	0.0	..	0	..	5.4	2.6	..	0	0	0	0	0	0	0	0	0	0
MADHYA PRADESH, WEST																												
GWALIOR	20.4	-2.8	24.5	21	7.9	+0.4	3.5	23	13.7	25.1	+ 6.3	7.8	04	4	+ 2.4	8.3	4.8	+1.1	0	4	0	1	4	3	0	0	0	0
SHEOPUR	22.9	-1.6	27.1	04	8.3	+0.5	4.3	23	0.0	4.0	- 11.3	4.0	10	1	- 0.9	7.0	5.8	+0.4	0	1	0	0	1	0	0	0	0	0
SHIVPURI	21.4	..	26.3	28	5.1	..	0.5	23	8.8	13.1	..	5.2	11	3	..	5.8	4.0	..	0	3	0	0	0	2	0	0	0	0
NOWGONG	21.6	-2.7	26.1	28	8.2	+0.5	3.9	24	6.0	32.0	+ 15.7	20.6	06	2	+ 0.6	3.1	2.0	-0.7	0	3	0	0	4	3	0	0	0	0
GUNA	22.9	-1.9	28.0	28	7.5	-0.7	1.2	22	8.7	8.7	- 9.3	8.7	06	1	- 0.7	9.1	6.6	+2.2	0	1	0	0	1	2	0	0	0	0
NIMACH	23.0	-1.7	28.7	04	9.6	+0.1	4.1	23	0.0	0.0	- 6.3	0.0	..	0	- 0.5	8.4	6.3	+0.2	0	0	0	0	0	1	0	0	0	0
RAJGARH	24.6	-1.4	30.1	28	9.2	+0.6	3.7	23	0.0	4.2	- 8.1	4.2	06	1	- 0.3	8.4	5.9	-0.1	0	1	0	0	0	3	0	0	0	0
SAGAR	25.4	+0.9	27.7	31	9.8	-1.8	4.1	18	10.0	14.0	- 6.1	10.0	11	1	- 0.8	9.9	9.2	+2.3	0	3	0	1	0	0	0	0	0	0
RATLAM	25.4	-0.9	30.4	04	10.1	-0.9	5.7	22	0.0	0.0	- 8.0	0.0	..	0	- 0.7	11.5	9.1	+1.0	0	0	0	0	0	0	0	0	0	0
BHOPAL (BAIRAGARH)	23.7	-2.0	28.5	28	10.0	-0.4	4.3	22	0.0	0.0	- 17.0	0.0	..	0	- 1.8	10.1	8.0	+2.2	0	0	0	0	1	3	0	0	0	0
UJJAIN	23.1	..	28.0	27	7.9	..	1.3	23	0.0	0.2	..	0.2	01	0	..	7.9	4.3	..	1	0	0	0	1	3	0	0	0	0
NARSINGHPUR	24.4	..	29.8	04	8.7	..	2.2	18	2.0	38.2	..	27.8	05	2	..	4.8	2.3	..	0	4	0	0	1	3	0	0	0	0
HOSHANGABAD	25.2	-1.4	30.1	28	11.9	-0.8	6.4	23	0.0	0.0	- 14.5	0.0	..	0	- 1.3	3.6	3.5	-0.7	0	0	0	0	0	0	0	0	0	0
INDORE	24.6	-1.5	28.9	27	9.2	-0.4	4.4	16	0.0	0.0	- 7.1	0.0	..	0	- 0.6	11.6	8.6	-1.3	0	0	0	0	0	4	0	0	0	0
RAJPUR (JHABUA)	26.8	-1.1	31.6	03	10.8	-0.1	5.4	17	0.0	0.0	- 2.0	0.0	..	0	- 0.1	7.8	4.6	+0.8	0	0	0	0	0	0	0	0	0	0
CHHINDWARA	23.9	-1.6	27.6	12	9.9	-0.7	3.4	16	3.8	25.2	+ 4.1	21.4	10	2	+ 0.4	..	.	..	0	2	0	0	2	0	0	0	0	0
SEONI	24.0	-1.4	28.3	05	11.0	-0.5	5.2	17	1.6	33.4	+ 13.8	27.6	10	2	+ 0.4	7.3	5.1	-0.1	1	2	0	0	1	1	0	0	0	0
BETUL	24.9	-1.5	28.7	03	9.4	-1.7	2.5	15	0.0	18.3	+ 11.0	18.3	10	1	+ 0.1	6.3	3.8	-0.9	0	1	0	0	2	0	0	0	0	0
KHANDWA	27.4	-1.9	31.2	07	10.7	-1.3	4.6	16	0.0	0.3	- 8.3	0.3	10	0	- 0.7	9.8	6.4	+0.7	0	1	0	0	0	1	0	0	0	0
MADHYA PRADESH, EAST																												
SATNA	21.7	-3.0	26.0	28	9.9	+0.9	5.3	18	3.2	56.9	+ 34.3	28.2	06	4	+ 2.0	5.8	3.6	-0.1	0	5	0	0	4	3	0	0	0	0
REWA	21.3	..	25.6	28	8.6	..	3.6	18	11.5	46.1	..	18.5	06	5	..	4.3	2.3	..	0	5	0	0	0	0	0	0	0	0
SIDHI	22.7	-1.3	27.0	06	9.7	+2.1	4.0	18	6.3	34.1	+ 2.9	14.6	07	4	+ 1.8	4.0	2.5	-0.4	0	6	0	0	0	0	0	0	0	0
UMARIA	23.2	-1.8	26.9	04	9.2	+0.2	4.2	24	28.6	59.8	+ 28.7	31.4	11	4	+ 1.7	5.2	3.1	+0.1	0	5	0	0	2	9	0	0	0	0
JABALPUR	23.9	-2.2	29.0	06	10.5	+0.7	5.1	16	19.4	31.5	+ 7.1	20.4	11	2	0.0	5.2	3.3	-0.1	0	4	0	0	3	7	0	0	0	0
AMBIKAPUR	22.0	-1.9	27.0	07	8.7	+0.1	3.9	18	44.1	58.1	+ 36.2	51.0	11	2	- 0.2	8.1	6.0	-0.1	0	4	0	0	3	3	0	0	0	0
JASHPURNAGAR	21.4	..	25.9	07	8.3	..	3.7	19	26.2	46.2	..	32.0	11	3	..	6.7	4.0	..	0	4	0	0	0	0	0	0	0	0
PENDRA	21.6	-2.4	25.9	08	10.9	0.0	6.7	15	27.0	54.9	+ 28.0	42.9	11	3	+ 0.9	7.5	5.5	+0.2	0	6	0	1	4	2	0	0	0	0
MANDLA	23.9	-2.1	29.0	04	8.7	-0.1	3.2	16	43.6	76.0	+ 47.3	32.2	11	3	+ 0.3	4.5	2.2	+0.2	0	3	0	2	2	12	0	0	0	0
CHAMPA	24.9	-2.6	28.9	05	13.1	-0.7	8.9	20	22.6	34.8	+ 11.6	30.4	11	2	+ 0.5	5.0	4.7	+0.2	0	2	0	0	1	0	0	0	0	0
RAIGARH	26.5	-1.9	30.3	08	13.7	+0.1	8.1	18	8.0	29.7	+ 11.3	21.8	11	2	+ 0.7	5.6	4.0	0.0	0	3	0	0	1	0	0	0	0	0
RAIPUR	25.9	-1.8	29.9	03	13.7	+0.2	7.8	16	14.8	28.3	+ 14.6	27.0	11	1	- 0.1	6.6	4.7	-0.3	0	2	0	0	1	0	0	0	0	0
KANKER	26.5	-1.4	30.1	12	13.5	+1.4	6.0	16	0.3	13.5	+ 3.1	8.3	14	2	+ 1.2	3.7	3.4	+1.2	0	2	0	0	0	0	0	0	0	0
JAGDALPUR	27.1	-1.4	30.3	08	13.0	+2.0	7.1	17	0.0	20.1	+ 10.2	20.1	14	1	+ 0.2	..	..	..	0	1	0	0	1	0	0	0	0	0
GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																												
DEESA	25.7	-2.1	30.0	04	9.8	-0.6	5.5	22	0.0	0.0	- 2.5	0.0	..	0	- 0.2	8.5	7.0	..	0	0	0	0	0	0	0	0	0	0
RADHANPUR	26.2	-1.4	29.4	10	10.7	+0.9	6.1	22	0.0	0.0	- 0.1	0.0	..	0	0.0	7.0	6.2	+0.1	0	0	0	0	0	0	0	0	0	0
IDAR	26.3	-1.2	30.6	04	14.5	-0.3	8.7	23	0.0	0.0	- 3.1	0.0	..	0	- 0.3	8.6	7.1	-0.5	0	0	0	0	0	0	0	0	0	0
AHMADABAD	27.3	-1.4	31.6	04	11.7	-0.2	7.8	14	0.0	0.0	- 2.0	0.0	..	0	- 0.2	10.2	5.5	+0.1	0	0	0	0	0	0	0	0	0	0
DOHAD	25.9	-1.0	30.5	03	11.4	-0.7	6.5	16	0.0	0.0	- 3.0	0.0	..	0	- 0.4	9.7	8.1	-0.8	0	0	0	0	0	0	0	0	0	0
VALLABH VIDYANAGAR	28.0	..	33.0	04	10.9	..	7.5	19	0.0	0.0	..	0.0	..	0	..	7.8	6.4	..	0	0	0	0	0	9	0	0	0	0
BARODA AERODROME	28.2	-1.4	32.9	04	11.6	-1.1	7.3	17	0.0	0.0	- 1.8	0.0	..	0	- 0.2	8.9	5.7	-1.4	0	0	0	0	0	1	0	0	0	0
BARODA	29.4	-0.7	35.3	04	12.4	+1.6	7.8	23	0.0	0.0	- 2.5	0.0	..	0	- 0.3	2.8	1.6	-2.2	0	0	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - JANUARY 1968 (PAUSA 11 - MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 08.30 to 17.30 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 08.30 to 17.30 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
GUJARAT REGION (INCLUDING DAMAN DADRA AND NAGAR HAVELI)																												
BROACH	..	..	..	..	..	..	..	..	..	0.0	- 1.2	0.0	..	0	- 0.1	7.4	5.7	-0.2	0	0	0	0	0	0	0	0	0	0
SURAT	30.5	-0.9	34.8	04	13.3	-1.5	8.7	23	0.0	0.0	- 3.3	0.0	..	0	- 0.2	9.0	8.3	+2.3	0	0	0	0	0	0	0	0	0	0
SAURASHTRA AND KUTCH (INCLUDING DIU)																												
NALIYA	25.0	-2.2	28.4	08	7.9	0.0	4.0	23	0.0	9.0	+ 7.2	9.0	28	1	+ 0.6	16.1	11.2	+2.5	0	1	0	0	0	0	0	0	0	0
BHUJ (KUDRAMATA)	25.0	-1.1	29.4	09	9.5	-0.6	5.0	23	0.0	2.8	+ 0.8	2.8	28	1	+ 0.7	12.9	9.4	+1.5	0	1	0	0	0	0	0	0	0	0
KANDLA AERODRUME	26.0	..	29.6	09	11.2	..	6.3	22	0.0	0.0	..	0.0	..	0	..	17.4	17.2	..	0	0	0	0	0	0	0	0	0	0
NEW KANDLA	24.3	-1.1	27.5	09	13.0	-0.9	10.1	23	0.0	0.0	0.0	0.0	..	0	0.0	11.1	11.5	-1.2	0	0	0	0	0	0	0	0	0	0
MANDVI	24.7	-0.9	29.0	05	11.1	-3.1	7.0	21	0.0	1.0	- 0.4	1.0	28	0	- 0.3	15.1	13.6	-1.7	0	1	0	0	0	0	0	0	0	0
SURENDRANAGAR	27.2	-1.0	30.7	27	12.2	-0.7	7.5	22	0.0	0.0	- 0.4	0.0	..	0	0.0	8.9	7.8	-1.7	0	0	0	0	0	0	0	0	0	0
OKHA	23.8	..	28.4	06	17.8	..	14.1	23	0.0	7.0	..	7.0	28	1	..	16.9	20.5	..	0	1	0	0	0	0	0	0	0	0
JAMNAGAR AERODRUME	25.1	-1.3	29.4	09	10.7	+0.1	4.4	23	0.0	3.6	+ 2.3	3.6	28	1	+ 0.9	..	..	..	0	1	0	0	0	1	0	0	0	0
DWARKA	24.8	-0.6	27.7	18	14.7	-1.4	11.6	16	0.0	8.0	+ 5.5	8.0	28	1	+ 0.7	16.3	13.1	-0.4	0	1	0	0	0	0	0	0	0	0
RAJKOT	26.8	-1.3	30.5	09	10.6	-0.1	6.4	21	0.0	1.0	- 0.1	1.0	28	0	- 0.1	16.7	13.6	+0.5	0	1	0	0	0	0	0	0	0	0
BHAVNAGAR AERODRUME	27.0	-0.6	30.6	04	11.6	+0.5	5.8	23	0.0	0.0	- 1.4	0.0	..	0	- 0.3	18.8	15.2	+6.8	0	0	0	0	0	0	0	0	0	0
PORBANDER AERODRUME	27.7	-0.8	30.6	08	13.5	-1.8	7.9	22	0.0	2.8	+ 0.4	2.8	28	1	+ 0.7	15.2	11.8	..	0	1	0	0	0	0	0	0	0	0
KESHOD	28.1	-1.9	31.2	06	10.8	-1.0	6.6	24	0.0	1.0	+ 1.0	1.0	28	0	0.0	15.0	13.6	+0.2	0	1	0	0	0	0	0	0	0	0
MAHUVA	28.7	..	32.0	03	13.2	..	8.1	22	0.0	0.0	- 0.7	0.0	..	0	- 0.1	6.8	4.6	..	0	0	0	0	0	0	0	0	0	0
VERAVAL	28.1	-0.5	31.3	09	13.1	-1.2	9.1	15	0.0	0.1	- 1.2	0.1	28	0	- 0.1	17.7	14.7	+2.4	1	0	0	0	0	0	0	0	0	0
DIU	26.4	..	30.0	08	15.8	..	12.6	22	0.0	1.4	..	1.4	28	0	..	14.4	10.7	..	0	1	0	0	0	0	0	0	0	0
KONKAN (INCLUDING GOA)																												
DAHANU	18.7	-9.0	28.1	01	16.6	-0.2	11.5	22	0.0	0.0	- 1.8	0.0	..	0	- 0.2	17.9	10.5	-1.6	0	0	0	0	0	0	0	0	0	0
BOMBAY (SANTACRUZ)	29.6	-1.0	32.6	03	16.4	+0.1	13.0	22	0.0	0.0	- 0.1	0.0	..	0	0.0	11.8	8.0	-0.3	0	0	0	0	0	0	0	0	0	0
BOMBAY	28.4	-0.7	31.9	03	19.0	-0.4	14.2	22	0.0	0.0	- 4.1	0.0	..	0	- 0.3	10.6	8.8	-0.3	0	0	0	0	0	0	0	0	0	0
ALIBAG	28.3	+0.1	31.1	03	17.1	-0.6	14.0	18	..	0.0	- 2.5	0.0	..	0	- 0.4	.	8.2	+1.8	0	0	0	0	0	0	0	0	0	0
BHIWA	33.0	..	35.8	27	13.7	..	9.8	19	0.0	0.0	..	0.0	..	0	..	4.1	2.7	..	0	0	0	0	0	0	0	0	0	0
HARNAI	26.8	-1.3	32.2	04	21.2	-1.1	18.2	22	0.0	32.6	+ 31.2	8.7	12	4	+ 3.8	16.3	15.5	+2.0	0	4	0	0	0	0	0	0	0	0
RATNAGIRI	30.2	-0.7	33.2	04	19.3	-0.1	15.8	19	0.0	0.0	- 1.8	0.0	..	0	- 0.1	9.0	6.3	..	0	0	0	0	0	0	0	0	0	0
DEVGARH	30.1	-0.2	32.8	08	19.6	-1.5	16.1	18	0.0	0.0	- 1.9	0.0	..	0	- 0.2	15.3	12.4	-0.5	0	0	0	0	0	0	0	0	0	0
VENGURLA	30.9	-1.2	34.0	04	18.4	-0.3	14.2	18	0.0	0.0	- 0.1	0.0	..	0	0.0	10.3	6.5	..	0	0	0	0	0	0	0	0	0	0
PANJIM	30.9	..	33.8	04	19.6	..	17.2	22	0.0	0.0	..	0.0	..	0	..	14.1	11.6	..	0	0	0	0	0	0	0	0	0	0
MORMUGAO	29.7	0.0	33.4	04	21.1	-0.3	18.9	23	0.0	0.0	- 1.8	0.0	..	0	- 0.1	12.4	11.5	+0.9	0	0	0	0	0	0	0	0	0	0
DABOLIM (NAVAL AIR STN.)	30.1	..	32.8	03	20.5	..	17.6	23	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
MADHYA MAHARASHTRA																												
NANDURBAR	28.9	-1.4	33.1	03	14.8	-1.4	9.1	16	0.0	0.0	- 6.8	0.0	..	0	- 0.4	3.2	1.9	-3.5	0	0	0	0	0	0	0	0	0	0
JALGAON	29.1	-1.5	33.0	27	11.5	-1.2	5.3	16	0.0	0.0	- 7.9	0.0	..	0	- 0.6	11.7	9.5	+1.9	0	0	0	0	0	0	0	0	0	0
MALEGAON	28.5	-1.6	32.6	27	9.6	-1.9	3.8	17	0.0	0.0	- 4.6	0.0	..	0	- 0.4	8.7	5.8	+0.6	0	0	0	0	0	0	0	0	0	0
DZAR	27.2	..	30.8	06	8.6	..	2.7	17	0.0	0.0	..	0.0	..	0	..	12.2	8.2	..	0	0	0	0	0	1	0	0	0	0
AHMADNAGAR	29.0	-0.5	33.0	27	11.4	-1.1	4.5	18	0.2	0.2	- 6.9	0.2	14	0	- 0.5	7.4	4.9	-0.7	1	0	0	0	0	0	0	0	0	0
KHANDALA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
POONA AERODROME	28.4	..	31.0	26	12.7	..	7.0	18	0.0	3.0	..	3.0	14	1	..	..	..	..	0	1	0	0	1	0	0	0	0	0
POONA	28.4	-1.1	31.8	27	10.0	-0.7	3.3	18	0.0	0.1	- 2.4	0.1	14	0	- 0.3	5.8	3.0	..	1	0	0	0	1	1	0	0	0	0
JEUR	29.0	-1.6	33.3	27	12.3	-1.1	5.1	18	4.2	6.4	+ 6.3	6.4	14	1	+ 1.0	9.7	6.0	+0.1	0	1	0	0	0	0	0	0	0	0
BARAMATI	27.8	-2.8	30.3	27	12.8	-1.2	6.5	17	0.8	0.8	+ 0.8	0.8	14	0	0.0	8.3	6.9	+0.2	0	1	0	0	1	0	0	0	0	0
SHOLAPUR	29.9	-0.9	32.2	10	15.5	-0.3	8.4	17	0.0	1.8	- 4.0	1.8	14	0	- 0.3	10.6	8.5	+0.7	0	1	0	0	0	0	0	0	0	0
MIRAJ	29.5	-1.1	31.5	27	13.4	-0.9	7.9	18	0.0	0.0	- 4.1	0.0	..	0	- 0.2	..	..	..	0	0	0	0	0	0	0	0	0	0
KOLHAPUR	29.8	-0.9	32.1	27	14.2	-0.8	10.1	17	0.0	0.0	- 2.5	0.0	..	0	- 0.4	10.2	8.0	+0.1	0	0	0	0	0	0	0	0	0	0
NASIK	27.7	..	32.4	10	..	..	..	..	..	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
MARATHWADA																												
AURANGABAD	27.4	-1.9	31.0	27	13.1	-1.2	6.2	17	1.6	1.6	- 5.8	1.6	14	0	- 0.6	9.1	7.7	-0.1	0	1	0	0	0	0	0	0	0	0
AURANGABAD (CHIKALTHAN)	27.0	-2.1	30.6	27	8.5	-2.0	1.2	17	3.8	3.8	+ 2.6	3.8	14	1	+ 0.7	9.0	5.0	-1.3	0	1	0	0	0	0	0	0	0	0
PARBHANI	27.2	-3.0	31.2	28	13.4	-0.3	7.3	17	21.6	26.6	+ 17.5	21.6	14	2	+ 1.3	7.3	4.9	-0.3	0	2	0	0	1	0	0	0	0	0
NANDER	28.2	..	32.2	07	13.2	..	5.0	17	..	0.0	..	0.0	..	0	..	5.7	4.5	..	0	0	0	0	0	0	0	0	0	0
BIR	28.4	..	32.2	27	11.6	..	4.0	17	0.0	0.0	..	0.0	..	0	..	4.9	2.5	..	0	0	0	0	0	1	0	0	0	0
VIDARBHA																												
GONDIA	25.8	-1.8	30.5	04	13.5	+0.2	7.9	17	44.8	78.8	+ 57.7	55.6	11	2	+ 0.5	1.4	0.7	-2.2	0	3	0	1	1	1	0	0	0	0
NAGPUR (SONEGAON)	26.5	-2.1	30.6	08	12.3	-0.4	5.9	16	0.0	7.4	- 4.0	7.4	10	1	+ 0.1	8.8	6.7	-0.4	0	1	0	0	2	0	0	0	0	0
AMRAOTI	27.3	-1.6	30.5	07	14.3	-1.2	8.9	16	0.0	2.2	- 10.7	1.4	10	0	- 1.1	10.5	9.6	+1.0	0	2	0	0	0	0	0	0	0	0
AKOLA AERODROME	28.0	..	31.9	28	12.4	..	5.4	17	0.0	1.6	..	1.6	10	0	..	11.0	9.3	..	0	1	0	0	0	1	0	0	0	0
AKOLA	28.1	-2.1	31.8	28	13.0	-0.7	6.4	18	0.0	1.2	- 9.5	1.2	10	0	- 0.9	6.0	4.3	-1.1	0	1	0	0	0	0	0	0	0	0
BRAMHAPURI	26.6	-1.9	29.8	10	13.5	-0.5	7.3	17	13.2	30.2	+ 15.4	16.2	11	2	+ 1.0	6.4	4.0	+0.3	0	2	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — JANUARY 1968 (PAUSA 11 - MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean minimum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
VIDARBHA (CONTD)																												
BULDANA	25.9	-1.5	29.7	28	13.8	-1.6	8.5	16	0.0	0.0	- 7.7	0.0	..	0	- 0.5	10.1	8.1	-0.2	0	0	0	0	0	0	0	0	0	0
YEOTMAL	26.8	-1.9	30.3	07	14.3	-1.3	8.1	16	8.2	12.6	+ 1.7	9.4	14	2	+ 1.3	9.2	7.8	-1.1	0	2	0	0	0	1	0	0	0	0
CHANDRAPUR	27.9	-1.6	31.3	29	14.9	+1.2	7.0	16	15.5	18.4	+ 10.8	18.0	14	1	+ 0.4	6.2	4.3	+0.9	2	1	0	0	1	1	0	0	0	0
PUSAD	27.5	..	31.2	07	13.2	..	5.4	17	13.4	14.6	..	14.6	14	1	..	6.8	3.8	..	0	1	0	0	1	0	0	0	0	0
SIRONCHA	28.7	-1.6	31.4	08	16.5	+1.0	9.9	17	2.8	41.2	+ 39.5	23.2	13	2	+ 1.6	5.3	3.5	-0.2	0	2	0	0	0	0	0	0	0	0
WARDHA	27.2	..	30.2	08	13.1	..	7.2	16	4.1	8.6	..	4.1	14	2	..	6.5	5.6	..	0	3	0	0	2	0	0	0	0	0
BHANDARA	25.9	..	30.2	08	..	..	..	..	0.0	15.6	..	9.6	10	2	..	2.4	1.9	..	0	2	0	0	0	0	0	0	0	0
COASTAL ANDHRA PRADESH																												
KALINGAPATAM	28.0	+0.6	32.4	07	17.0	-0.7	12.7	18	0.0 (d)	12.6	..	..	..	..	..	11.1 (e)	6.9 (f)	..	.	..	0	0	0	0	0	0	0	0
VISHAKHAPATNAM	28.5	+0.8	30.4	04	17.9	+0.4	13.4	19	0.0	7.3	- 3.1	7.3	14	1	+ 0.4	15.3	8.0	+1.7	0	1	0	0	0	0	0	0	0	0
KAKINADA	28.8	+1.5	29.9	08	19.3	+0.2	15.4	18	0.0	27.2	+ 19.1	24.8	13	1	+ 0.4	12.4	8.4	-1.9	0	2	0	0	0	0	0	0	0	0
NIDADAVOLE	29.5	-0.3	31.0	31	17.5	-0.3	12.0	18	0.0	0.0	- 2.5	0.0	..	0	- 0.3	7.6	6.3	-0.4	0	0	0	0	0	0	0	0	0	0
RENTACHINTALA	30.6	-0.6	33.0	31	16.9	-0.4	11.8	18	0.0	0.0	- 0.5	0.0	..	0	- 0.1	3.7	4.2	-0.8	0	0	0	0	0	0	0	0	0	0
GANNAVARAM	29.3	-0.8	30.2	31	18.3	-0.8	14.0	16	0.0	9.4	+ 8.6	9.4	14	1	+ 0.9	14.0	9.5	-0.3	0	1	0	0	0	0	0	0	0	0
MASULIPATAM	28.0	+0.2	28.7	11	17.7	-1.7	13.4	16	0.0	2.0	- 3.1	2.0	13	0	- 0.4	5.2	3.3	-5.4	0	1	0	0	0	0	0	0	0	0
ONGOLE	30.3	+1.6	31.3	12	..	..	..	..	0.0	0.0	- 3.8	0.0	..	0	- 0.2	..	..	..	0	0	0	0	0	0	0	0	0	0
NELLORE	29.7	-0.1	30.6	31	19.7	-0.3	16.8	17	0.0	0.0	- 32.0	0.0	..	0	- 1.4	..	..	..	0	0	0	0	0	0	0	0	0	0
VISHAKHAPATNAM (SOLAR)	27.0	..	28.3	02	19.2	..	16.0	18	..	3.2	..	3.2	14	1	..	.	5.6	..	0	1	0	0	0	0	0	0	0	0
TELANGANA																												
RAMGUNDAM	29.5	-1.6	32.6	07	16.7	+0.6	6.8	16	10.0	14.0	+ 12.0	12.2	14	1	+ 0.7	7.8	5.0	0.0	0	2	0	0	0	0	0	0	0	0
NIZAMABAD	28.8	-1.2	32.9	10	15.6	+0.3	8.4	18	10.4	59.2	+ 52.3	47.4	13	2	+ 1.5	7.1	5.2	+1.1	0	2	0	0	0	0	0	0	0	0
HANAMKONDA	26.9	-3.0	29.4	29	16.7	-0.5	10.1	18	0.0	4.2	- 4.4	4.0	13	1	+ 0.4	7.5	7.6	+0.4	1	1	0	0	0	0	0	0	0	0
HAKIMPET AERODROME	27.5	..	29.9	31	15.3	..	9.7	16	0.0	6.2	..	6.2	14	1	..	..	..	..	0	1	0	0	0	0	0	0	0	0
BHADRACHALLAM	30.5	-0.4	33.0	11	17.0	+0.3	9.8	18	0.0	12.0	+ 9.4	12.0	14	1	+ 0.6	6.2	4.5	-0.6	0	1	0	0	0	0	0	0	0	0
HYDERABAD (BEGAMPET)	28.3	-0.3	31.0	31	13.3	-1.3	7.7	19	0.0	7.8	+ 0.2	7.8	14	1	+ 0.5	6.5	3.8	-4.3	0	1	0	0	2	0	0	0	0	0
KHAMMAM	30.4	-0.6	31.7	27	17.1	-0.5	11.8	16	0.0	10.4	+ 8.7	10.4	14	1	+ 0.8	5.3	5.2	-0.4	0	1	0	0	2	4	0	0	0	0
MAHBUBNAGAR	28.4	-0.8	30.0	29	15.8	-0.6	11.9	18	0.0	14.6	+ 14.6	14.6	14	1	+ 1.0	8.3	6.6	-2.7	0	1	0	0	1	0	0	0	0	0
RAYALASEEMA																												
KURNOOL	30.9	-0.4	33.2	31	16.7	-0.3	8.8	17	0.0	0.0	- 4.1	0.0	..	0	- 0.3	7.2	5.8	-0.3	0	0	0	0	0	0	0	0	0	0
NANDYL	31.0	..	33.4	31	17.4	..	14.0	03	0.0	0.0	..	0.0	..	0	..	6.6	6.7	..	0	0	0	0	0	0	0	0	0	0
ANANTAPUR	30.3	-0.1	32.2	31	17.3	0.0	13.4	17	0.0	0.0	- 4.8	0.0	..	0	- 0.2	10.3	9.8	-0.2	0	0	0	0	0	0	0	0	0	0
CUDDAPAH	30.1	-0.8	32.3	24	19.0	-0.2	15.0	17	0.0	0.0	- 11.4	0.0	..	0	- 0.8	8.5	6.6	-3.4	0	0	0	0	0	0	0	0	0	0
AROGYAVARAM	26.9	-0.2	29.4	23	15.1	-0.2	12.4	17	0.0	0.0	- 7.0	0.0	..	0	- 0.8	8.1	5.9	0.0	0	0	0	0	0	3	0	0	0	0
MADRAS STATE (INCLUDING PONDICHERRY)																												
MADRAS	28.1	-0.2	29.2	23	20.7	-0.1	18.0	19	2.8	4.8	- 26.9	3.3	18	1	- 0.4	9.2	5.4	-0.8	1	2	0	0	0	0	0	0	0	0
MADRAS (MINAMBAKKAM)	28.6	-0.2	30.1	23	20.1	-0.2	17.5	19	0.7	0.9	- 44.6	0.9	18	0	- 2.1	11.6	7.4	-1.6	0	1	0	0	0	1	0	0	0	0
VELLORE	29.5	+0.6	32.4	22	17.7	-0.5	14.7	17	0.0	0.0	- 34.5	0.0	..	0	- 1.9	9.4	7.6	+1.2	0	0	0	0	0	0	0	0	0	0
TAMBARAM AERODROME	30.0	..	31.8	23	19.7	..	17.2	17	0.0	2.3	..	2.3	05	0	..	..	..	..	0	1	0	0	0	0	0	0	0	0
TIRUPPATTUR	29.1	-0.4	31.4	15	18.4	+1.1	11.1	10	0.0	0.0	- 2.1	0.0	..	0	- 0.2	4.5	3.2	-1.1	0	0	0	0	0	0	0	0	0	0
METTUR DAM R.S.	30.5	..	32.4	16	19.0	..	17.1	02	0.0	3.0	..	..	..	..	..	4.2	4.9	..	.	..	0	0	0	0	0	0	0	0
CUDDALORE	28.5	+0.6	31.3	24	20.0	-0.8	17.2	17	1.5	3.5	- 62.8	2.0	18	0	- 2.8	12.0	9.5	-0.9	0	2	0	0	0	0	0	0	0	0
KALLAKKURICHCHI	29.9	0.0	32.2	23	..	..	..	..	0.0	0.0	- 15.4	0.0	..	0	- 1.3	4.5	3.0	..	0	0	0	0	0	0	0	0	0	0
SALEM	30.9	-0.2	32.7	22	19.8	+0.6	17.1	09	0.0	0.0	- 10.2	0.0	..	0	- 0.9	11.3	10.5	+0.3	0	0	0	0	0	0	0	0	0	0
COIMBATORE (PILAMEDU)	30.8	+0.8	33.4	22	18.7	+0.1	15.6	08	..	0.0	- 5.5	0.0	..	0	- 0.5	.	6.5	-3.8	0	0	0	0	0	0	0	0	0	0
COIMBATORE	30.3	+0.6	32.8	22	19.0	-0.2	16.0	08	0.0	0.0	- 17.8	0.0	..	0	- 1.3	13.3	11.2	+4.7	0	0	0	0	0	0	0	0	0	0
NAGAPATTINAM	28.3	+0.6	30.0	16	22.5	-0.3	20.3	17	0.6	4.4	- 78.4	3.2	18	1	- 2.6	18.7	19.0	+0.2	0	3	0	0	0	0	0	0	0	0
TIRUCHCHIRAPPALLI	30.1	0.0	31.6	24	20.0	-0.6	18.2	27	1.8	3.3	- 27.9	1.8	05	0	- 2.1	9.9	8.2	-1.9	0	2	0	0	0	1	0	0	0	0
VEDARANNIYAM	30.2	..	31.8	06	21.4	..	18.8	29	3.8	18.6	..	14.2	18	2	..	10.5	7.9	..	0	3	0	0	0	0	0	0	0	0
ATIRAMPATTINAM	29.6	..	31.0	31	20.6	..	18.8	28	15.8	25.0	..	15.8	05	2	..	12.1	8.7	..	0	2	0	0	0	0	0	0	0	0
MADURAI	30.1	-0.1	31.4	24	20.3	-0.6	18.5	08	..	0.0	- 31.0	0.0	..	0	- 1.9	.	7.4	+0.1	0	0	0	0	0	0	0	0	0	0
MADURAI AERODROME	29.9	-0.4	31.4	24	19.5	-1.2	17.1	26	0.6	0.6	- 30.8	0.4	19	0	- 2.4	12.8	9.2	-3.1	1	1	0	0	0	0	0	0	0	0
TONDI	29.1	-0.1	30.0	18	21.7	-0.2	20.1	27	3.6	6.8	- 79.3	2.8	04	1	- 3.5	16.4	15.0	0.0	0	3	0	0	0	0	0	0	0	0
PAMBAN	28.0	0.0	29.0	15	20.1	-3.9	17.6	29	5.6	14.4	- 57.5	8.6	04	2	- 2.2	19.9	19.1	+0.6	0	2	0	0	0	0	0	0	0	0
TUTICORIN	27.7	+0.1	28.5	18	21.6	-0.7	18.6	26	0.0	4.4	- 12.1	4.4	04	1	- 0.7	22.8	21.7	-0.6	0	1	0	0	0	0	0	0	0	0
PALAYANKOTTAI	31.5	+0.8	34.0	23	20.3	-2.0	19.0	26	2.2	10.1	- 34.9	7.3	04	1	- 1.6	11.5	8.0	-1.2	0	4	0	0	0	0	0	0	0	0
KANNIYAKUMARI	30.6	..	32.4	16	23.1	..	21.8	04	4.8	11.1	..	10.3	04	1	..	26.7	22.5	..	0	2	0	0	0	0	0	0	0	0
PONDICHERRY	28.2	..	29.1	15	19.6	..	17.8	17	1.2	1.2	..	1.2	04	0	..	21.7	20.7	..	0	1	0	0	0	0	0	0	0	0
PORTNOVO	28.5	..	29.3	05	18.9	..	16.6	17	..	0.0	..	..	..	..	..	.	4.5	..	.	..	0	0	0	0	0	0	0	0
TUTICORIN H.P.	28.5	..	29.3	18	22.7	..	19.4	26	3.0	9.8	..	5.6	04	2	..	20.2	18.2	..	0	3	0	0	0	0	0	0	1	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - JANUARY 1968 (PAUSA 11 - MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.5 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
COASTAL MYSORE																												
KARWAR	30.8	+0.3	34.0	05	21.0	+2.1	17.3	24	0.0	0.0	- 0.9	0.0	..	0	- 0.1	6.9	4.7	..	0	0	0	0	0	0	0	0	0	0
HONAVAR	30.8	-1.1	34.9	05	20.0	0.0	16.9	22	0.0	0.0	- 3.6	0.0	..	0	- 0.5	..	..	..	0	0	0	0	0	0	0	0	0	0
MANGALORE (BAJPE)	32.0	-0.5	34.3	04	20.7	-0.3	19.4	18	0.0	0.0	- 0.7	0.0	..	0	- 0.1	9.7	7.0	-0.8	0	0	0	0	0	0	0	0	0	0
MANGALORE	30.9	-0.5	33.2	06	21.8	+0.1	20.6	30	0.0	0.0	- 4.8	0.0	..	0	- 0.3	13.4	10.5	+2.0	0	0	0	0	0	0	0	0	0	0
MANGALORE M.P.	31.4	..	34.2	04	20.9	..	19.5	20	0.0	0.0	..	0.0	..	0	..	13.9	8.8	..	0	0	0	0	0	0	0	0	0	0
INTERIOR MYSORE NORTH																												
BIDAR	27.4	-0.9	29.6	08	15.5	-1.0	10.2	17	0.4	8.8	+ 3.2	8.8	14	1	+ 0.5	12.5	10.7	+0.1	0	1	0	0	0	0	0	0	0	0
GULBARGA	29.7	-0.7	31.8	31	15.4	-0.6	7.4	17	0.0	10.0	+ 3.9	10.0	14	1	+ 0.7	10.7	8.2	-0.9	0	1	0	0	1	3	0	0	0	0
BIJAPUR	30.0	-0.2	32.1	24	15.7	-0.5	9.3	17	0.0	0.0	- 5.8	0.0	..	0	- 0.3	6.6	4.3	-0.7	0	0	0	0	0	0	0	0	0	0
RAICHUR	28.8	-1.4	31.8	29	17.8	-0.7	11.1	17	0.0	0.0	- 3.1	0.0	..	0	- 0.2	7.9	8.8	-0.8	0	0	0	0	0	0	0	0	0	0
BELGAUM	30.2	+0.1	31.8	31	13.9	-0.1	10.0	18	0.0	0.0	- 3.6	0.0	..	0	- 0.3	7.9	4.2	-2.2	0	0	0	0	0	0	0	0	0	0
BELGAUM (SAMRA)	27.6	-1.4	29.8	25	14.1	-1.1	9.7	22	0.0	0.0	- 0.3	0.0	..	0	0.0	9.7	6.1	-5.3	0	0	0	0	0	0	0	0	0	0
GADAG	30.0	-0.3	32.2	31	16.1	-0.6	13.2	17	0.0	0.0	- 2.8	8.0	..	0	- 0.5	9.1	6.6	-0.9	0	0	0	0	0	0	0	0	0	0
BIDAR A.F.	27.5	..	29.7	30	13.9	..	9.4	17	0.0	7.1	..	7.1	14	1	..	..	..	..	0	1	0	0	1	0	0	0	0	0
INTERIOR MYSORE, SOUTH																												
BELLARY	31.3	+1.0	33.4	31	16.9	-0.7	13.0	17	0.0	0.0	- 2.8	0.0	..	0	- 0.3	8.4	5.6	+0.7	0	0	0	0	0	0	0	0	0	0
CHITRADURGA	29.3	+0.4	32.0	31	16.9	-0.2	13.8	17	0.0	0.0	- 6.1	0.0	..	0	- 0.3	8.4	6.5	-1.3	0	0	0	0	0	0	0	0	0	0
SHIMOGA	30.9	+0.4	33.1	25	13.6	-1.0	11.2	09	0.0	0.0	- 0.1	0.0	..	0	0.0	4.0	2.5	-1.6	0	0	0	0	0	3	0	0	0	0
AGUMBE	27.9	..	29.8	09	12.1	..	9.2	22	0.0	0.0	..	0.0	..	0	..	.	3.0	..	0	0	0	0	0	0	0	0	0	0
BALEHONNUR	29.2	+1.9	30.8	06	13.9	-0.9	11.4	18	0.0	0.0	- 2.0	0.0	..	0	- 0.3	..	..	..	0	0	0	0	0	0	0	0	0	0
HASSAN	27.4	-0.7	29.2	31	13.7	-1.0	12.2	17	0.0	0.0	- 4.3	0.0	..	0	- 0.3	6.1	3.8	-2.0	0	0	0	0	0	0	0	0	0	0
BANGALORE	26.7	-0.2	29.7	22	15.2	+0.2	12.8	09	0.0	0.0	- 7.1	0.0	..	0	- 0.7	7.8	6.8	-3.6	0	0	0	0	0	6	0	0	0	0
BANGALORE AERODROME	26.9	-1.1	29.4	22	13.2	-2.1	11.3	08	0.0	0.0	- 3.6	0.0	..	0	- 0.3	..	..	..	0	0	0	0	0	6	0	0	0	0
MYSORE	28.0	-0.3	31.5	22	16.9	+0.5	14.6	08	0.0	0.0	- 4.3	0.0	..	0	- 0.4	13.8	9.6	-1.7	0	0	0	0	0	0	0	0	0	0
YALANKA A.F.	27.5	..	29.7	23	13.6	..	10.9	09	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	6	0	0	0	0
KERALA																												
CALICUT	31.7	0.0	32.8	05	22.2	+0.2	20.8	08	0.0	0.0	- 11.7	0.0	..	0	- 0.7	8.2	6.5	-2.9	0	0	0	0	0	0	0	0	0	0
PALGHAT	33.1	-0.4	35.1	24	21.9	-0.4	19.2	08	0.0	0.0	- 5.7	0.0	..	0	- 0.4	11.5	10.0	-1.3	0	0	0	0	0	0	0	0	0	0
FORT COCHIN	31.3	+0.7	33.3	07	22.7	-0.5	20.3	10	0.0	0.0	- 23.4	0.0	..	0	- 1.1	13.6	10.1	+2.1	0	0	0	0	0	0	0	0	0	0
COCHIN (NAVAL AIR STATION)	31.5	..	33.3	06	22.3	..	19.7	09	0.0	0.0	..	0.0	..	0	..	12.5	8.9	..	0	0	0	0	0	0	0	0	0	0
ALLEPPEY	31.5	-0.4	33.4	06	22.7	+0.1	21.1	05	0.0	74.4	+ 59.3	41.6	25	3	+ 1.6	13.9	10.0	+0.7	0	4	0	0	0	0	0	0	0	0
PUNALUR	32.7	-0.7	35.4	31	17.5	-3.1	12.9	08	0.0	0.0	- 13.0	0.0	..	0	- 1.1	3.1	2.3	-3.0	0	0	0	0	0	0	0	0	0	0
TRIVANDRUM	31.5	+0.2	34.1	05	22.4	+0.1	21.0	18	1.2	34.4	+ 11.5	33.0	16	1	- 1.0	8.2	5.6	+0.5	1	2	0	0	0	1	0	0	0	0
TRIVANDRUM AERODROME	30.6	-0.1	31.4	31	..	..	..	..	..	30.1	+ 1.3	29.3	16	1	- 0.6	.	5.8	-0.4	0	2	0	0	1	0	0	0	0	0
ARABIAN SEA ISLANDS																												
AMINI	30.8	-0.6	31.6	08	23.3	-0.6	21.3	24	0.0	0.0	- 20.6	..	..	0	- 1.3	10.5	8.1	+2.2	0	0	0	0	0	0	0	0	0	0
AGATTI	31.3	..	31.6	06	23.2	..	22.0	07	2.1	2.1	..	2.1	05	0	..	..	..	..	0	1	0	0	0	0	0	0	0	0
ANDROTH	31.2	..	32.6	06	24.4	..	21.7	24	1.2	2.6	..	2.6	28	1	..	6.3	5.2	..	0	1	0	0	0	0	0	0	0	0
MINICOY	30.3	+0.7	31.3	06	22.7	0.0	20.6	10	40.6	80.8	+ 37.6	50.8	14	3	+ 0.4	7.2	4.2	-2.2	0	7	0	0	2	0	0	0	0	0
HILL STATIONS (EXCLUDING KASHMIR)																												
DALHOUSIE	10.0	-0.9	15.4	03	1.3	-0.8	- 1.8	21	49.4	64.2	-131.4	20.2	13	..	..	2.6	2.8	-0.8	0	8	..	..	..	..	..	.	..	.
DHARMASALA	13.2	-1.2	17.4	05	4.8	-1.7	0.8	21	77.8	190.8	+ 47.6	41.0	28	15	+ 7.3	5.1	5.0	+0.2	4	13	0	0	1	0	0	0	0	0
BHUNTAR	12.4	..	17.7	20	1.1	..	- 1.1	16	41.0	172.6	..	36.3	28	14	..	3.5	5.0	..	0	13	2	0	0	0	1	0	0	0
SIMLA	7.0	-1.5	14.0	19	0.4	-1.5	- 4.4	21	24.5	56.5	- 8.3	14.5	29	0	- 4.9	4.8	4.6	+0.7	0	10	11	0	0	0	0	0	0	0
DHARMPUR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
GHANGARIA (KANJALIA TUK)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
BADRINATH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
JOSHIMATH	9.7	-1.9	16.8	04	2.1	+0.1	- 2.0	22	88.2	145.0	+ 71.9	29.8	30	10	+ 5.8	7.6	6.7	+0.4	0	11	5	0	0	0	0	0	0	0
MUSSOURIE	8.6	-1.6	15.1	19	0.9	-1.6	- 3.3	30	47.5	69.7	- 9.9	27.0	29	6	+ 1.1	7.9	8.8	+1.6	0	9	8	1	5	3	0	0	0	0
MUKTESWAR (KUMAUN)	8.6	-1.1	15.5	04	0.4	-1.5	- 2.9	31	76.5	137.4	+ 80.5	55.0	30	8	+ 4.3	..	..	..	0	14	10	0	8	2	0	0	0	0
NAINITAL	8.8	-1.5	15.0	03	1.2	-0.4	- 5.0	31	94.0	143.4	+ 25.9	62.0	32	8	+ 1.5	6.2	6.7	-0.4	0	4	6	0	0	0	0	0	0	0
KALIMPONG	15.1	-0.4	16.6	14	6.4	-1.4	5.4	09	13.6	15.4	+ 5.5	7.5	08	2	+ 1.1	6.7	5.1	-3.5	0	5	0	0	0	0	0	0	0	0
DARJEELING	6.4	-2.9	13.0	04	1.7	-1.3	1.4	24	3.8	17.4	+ 6.5	9.8	29	2	+ 1.0	2.3	1.8	-0.1	0	4	1	0	0	3	0	0	0	0
KURSEONG	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SHILLONG (C.S.O.)	14.7	-1.9	18.4	30	5.6	+3.1	2.9	18	6.6	9.5	- 4.5	3.2	16	2	+ 0.7	5.2	4.0	+1.4	0	5	0	0	0	14	0	0	0	0
CHERRAPUNJI	16.5	+0.7	17.5	03	7.4	-0.2	5.0	21	2.7	14.6	- 4.7	9.3	08	1	- 0.4	5.0	4.6	-2.1	0	5	0	0	0	1	0	0	0	0
ABU	18.3	-1.0	22.4	04	6.7	-2.6	2.2	22	0.0	0.0	- 5.3	0.0	..	0	- 0.6	4.2	2.7	-2.3	0	0	0	0	0	0	0	0	0	0
AIJAL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
PACHMARHI	19.6	-2.8	23.8	04	7.9	-0.8	0.6	16	22.0	34.4	+ 12.3	22.0	11	3	+ 1.3	3.5	2.2	-1.1	0	3	0	0	2	0	0	0	0	0
MAHABALESHWAR	24.6	+0.6	27.6	10	11.3	-2.5	5.6	21	0.0	0.0	- 4.6	0.0	..	0	- 0.3	9.5	9.8	+2.1	0	0	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER – JANUARY 1968 (PAUSA 11 – MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena - No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
MERCARA	25.5	+0.9	27.5	24	..	..	..	..	0.2	0.2	- 5.9	0.2	04	0	- 0.6	9.7	9.3	-0.3	1	0	0	0	0	1	0	0	0	0
OOTACAMUND	20.8	+0.9	25.1	31	4.7	-0.4	0.8	10	0.0	0.0	- 35.1	0.0	..	0	- 2.0	2.5	1.7	-1.5	0	0	0	0	0	0	0	0	0	0
COONOOR	19.9	+1.1	23.3	09	6.8	-1.7	4.4	11	..	16.2	- 74.7	14.4	24	1	- 2.3	..	..	..	0	2	0	0	0	0	0	0	0	0
KODAIKANAL	16.9	-0.1	20.5	07	7.4	-0.6	4.5	26	5.1	9.0	- 73.0	6.7	05	1	- 2.9	12.1	12.5	-0.6	0	2	0	0	0	4	0	0	0	0
NEPAL																												
KATMANDU	16.6	-1.2	21.1	01	2.0	+0.1	- 1.2	18	6.1	30.5	+ 16.0	12.8	[illegible]	4	+ 2.3	1.3	0.5	-0.8	0	6	0	0	2	14	0	0	0	0
SIKKIM																												
LACHEN	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
HYDROMETEOROLOGICAL OBSERVATORIES																												
DAMODAR CATCHMENT																												
TILAIYA	20.7	..	25.5	07	10.7	..	6.3	27	30.4	69.7	..	18.2	11	6	..	9.2	5.4	..	0	6	0	0	0	0	0	0	0	0
HAZARIBAGH	20.2	..	24.4	07	8.5	..	4.2	17	27.1	64.2	..	21.8	11	6	..	7.5	4.0	..	0	6	0	0	5	2	0	0	0	0
KONAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
BOKARO	24.3	..	27.6	22	7.3	..	3.9	19	23.2	38.5	..	27.2	11	2	..	3.4	2.6	..	0	5	0	0	0	0	0	0	0	0
MAITHON	24.6	..	28.7	07	10.0	..	5.4	18	11.2	19.5	..	12.4	11	2	..	2.8	2.2	..	0	5	0	0	3	0	0	0	0	0
RAMGARH	23.5	..	28.2	01	9.0	..	5.1	18	21.6	38.4	..	27.0	11	3	..	4.2	2.5	..	0	4	0	0	2	0	0	0	0	0
PANCHET HILLS	24.1	..	28.8	07	12.6	..	9.2	28	11.6	15.5	..	10.1	11	2	..	3.7	1.9	..	0	4	0	0	0	8	0	0	0	0
DURGAPUR	25.0	..	29.2	08	12.3	..	8.4	20	5.8	6.8	..	3.6	31	2	..	15.5	12.1	..	0	2	0	0	0	0	0	0	0	0
MAHANADI CATCHMENT																												
GINABAHAR	24.0	..	28.1	07	9.9	..	5.2	18	..	62.4	..	35.4	11	4	..	..	..	..	0	4	0	0	0	0	0	0	0	0
HIRAKUD	26.5	..	30.5	08	15.0	..	9.8	19	5.0	45.6	..	27.6	14	3	..	3.3	2.5	..	0	3	0	0	1	0	0	0	0	0
BHIMKUND	25.9	..	30.0	01	12.0	..	7.6	18	0.0	10.0	..	9.5	14	1	..	5.2	2.6	..	0	2	0	0	0	0	0	0	0	0
SONEPUR	27.5	..	31.5	09	14.8	..	9.6	18	..	10.0	..	6.0	14	2	..	.	0.8	..	0	2	0	0	0	0	0	0	0	0
KHIJRAWAN	26.9	..	30.6	08	12.8	..	5.1	17	0.0	7.9	..	5.5	14	1	..	..	..	..	0	2	0	0	0	0	0	0	0	0
NARMADA CATCHMENT																												
BAGRA TAWA	24.7	..	29.4	28	10.0	..	3.1	16	0.4	7.6	..	4.0	07	2	..	7.9	5.5	..	0	3	0	0	1	0	0	0	0	0
PUNASA	27.2	..	31.6	03	9.6	..	4.0	17	0.0	0.0	..	0.0	..	0	..	5.1	4.2	..	0	0	0	0	0	0	0	0	0	0
THIKRI	25.9	..	30.0	10	8.4	..	5.5	24	..	0.0	..	0.0	..	0	..	..	..	..	0	0	..	..	..	..	..	..	..	..
SABARMATI CATCHMENT																												
DAROI	25.8	..	30.4	05	..	..	..	..	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
GANDAK CATCHMENT																												
JAMOSOM	12.2	..	15.9	24	- 2.3	..	- 5.5	02	0.0	10.2	..	7.6	28	1	..	..	..	..	0	3	..	..	..	..	..	..	..	..
KHUDI BAZAR	16.1	..	20.0	08	6.3	..	2.5	15	28.4	60.0	..	15.0	30	6	..	..	..	..	0	10	..	..	..	..	..	..	..	..
TIMURE	13.6	..	18.1	06	2.8	..	0.3	16	8.4	73.5	..	27.3	30	6	..	..	..	..	0	6	..	..	..	..	..	..	..	..
POKHARA	17.2	..	20.5	07	7.4	..	2.4	15	17.6	43.0	..	14.8	30	4	..	0.7	0.5	..	1	8	0	2	3	3	0	0	0	0
GORKHA	15.8	..	19.5	01	6.8	..	3.4	15	34.4	56.9	..	15.2	30	6	..	..	..	..	0	7	0	2	3	7	0	0	0	0
NUWAKOT	17.9	..	22.0	01	8.0	..	6.0	16	12.3	25.2	..	7.2	08	4	..	..	..	..	0	8	..	..	..	..	..	..	..	..
GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)																												
DAILEKH	13.9	..	17.1	01	5.2	..	3.0	29	11.0	74.4	..	51.2	30	4	..	..	..	..	2	4	..	..	..	..	..	..	..	..
GHAGHARA CATCHMENT																												
SALLYANA	14.3	..	18.6	05	5.1	..	1.7	31	30.4	81.3	..	27.0	30	6	..	..	..	..	0	9	..	..	..	..	..	..	..	..
BUTWAL	21.8	..	24.4	04	11.7	..	8.4	18	18.0	48.0	..	18.6	30	5	..	..	..	..	0	5	..	..	..	..	..	..	..	..
BAGHMATI CATCHMENT																												
KATMANDU	SEE UNDER NEPAL				..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
KOSI CATCHMENT																												
CHAUTARA	18.5	..	22.0	01	5.8	..	3.3	18	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	..	..	..	..	..	..	..	..
WALUNGCHUNG GULA	3.8	..	10.2	04	- 0.9	..	- 9.1	15	11.4	40.4	..	10.9	15	5	..	..	..	..	0	7	..	..	..	..	..	..	..	..
TAPLETHOK	18.1	..	21.5	02	5.8	..	2.9	15	2.4	25.0	..	9.0	15	3	..	..	..	..	0	6	..	..	..	..	..	..	..	..
BHOJPUR	11.6	..	16.3	02	5.9	..	4.0	22	15.6	33.6	..	10.8	29	5	..	..	..	..	0	6	..	..	..	..	..	..	..	..
TAPLEJUNG	12.5	..	15.4	05	3.5	..	0.9	15	6.0	15.8	..	7.0	29	2	..	5.5	3.9	..	0	6	0	0	0	2	0	0	0	0
OKHALDHUNGA	13.4	..	17.1	06	4.0	..	2.2	23	6.2	17.0	..	6.4	29	3	..	3.5	2.8	..	0	6	0	0	2	2	0	0	0	0
CHAINPUR	16.5	..	20.3	02	7.9	..	5.8	15	0.0	6.8	..	3.8	30	1	..	..	..	..	0	3	..	..	..	..	..	..	..	..
BARAHAKSHETRA	21.8	..	25.0	05	11.3	..	8.3	24	12.4	19.5	..	9.7	31	3	..	5.1	3.0	..	4	4	0	0	1	0	0	0	0	0
TISTA CATCHMENT																												
GANGTOK	13.2	..	18.8	05	3.6	..	1.2	17	15.8	34.1	..	10.1	08	5	..	4.1	3.2	..	0	10	0	0	0	4	0	0	0	0
GEZING	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JANUARY 1968 (PAUSA 11 – MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gram. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BAY ISLANDS																											
MAYA BANDAR	0830	28	(R)																								
	1730	28	(R)																								
LONG ISLAND	0830	25	1013.7	1010.8	-0.5	26.8	22.3	19.9	23.2	67	-10	3.7	+0.2	2.2	0	0	25	00	15	3	0	0	0	1	6	6	0
	1730	25	1011.3	1008.5	-0.2	25.8	21.9	19.8	23.1	70	- 7	3.9	+0.0	1.4	0	0	16	00	13	3	0	0	0	0	0	15	0
PORT BLAIR	0530	79	1011.6	1002.5	..	22.7	20.9	19.9	23.2	85	..	2.9	..	5.4	0	0	21	01	9	5	1	0	0	3	2	10	0
	0830	79	1013.3	1004.5	-0.3	27.5	23.2	21.1	25.0	68	- 2	3.0	-1.3	9.5	0	2	24	04	14	6	0	0	1	0	1	5	0
	1130	79	1011.8	1003.0	..	29.2	24.0	21.5	25.6	63	..	3.5	..	12.6	0	4	25	04	14	11	0	0	0	0	0	2	0
	1430	79	1009.8	1001.0	..	28.7	24.0	21.7	25.9	66	..	3.6	..	11.7	0	3	26	02	17	9	0	0	0	1	0	2	0
	1730	79	1010.7	1001.8	-0.3	25.7	22.4	20.7	24.4	74	- 3	4.2	-1.2	7.8	0	2	24	03	16	5	0	0	0	0	2	5	0
	2030	79	1012.4	1003.5	..	24.5	22.0	20.7	24.4	79	..	1.8	..	6.5	0	0	22	02	11	5	0	0	0	0	4	9	0
	2330	79	1012.1	1003.1	..	23.7	21.6	20.5	24.1	82	..	3.0	..	7.2	0	2	18	02	8	7	1	0	0	0	2	11	0
CAR NICOBAR	0830	10	1012.2	1011.0	-0.6	27.7	23.5	21.4	25.5	69	- 5	4.0	-0.5	4.0	0	0	30	00	30	0	0	0	0	0	0	1	0
	1730	10	1009.9	1008.7	-0.4	26.6	22.9	21.1	25.0	71	- 8	4.2	-0.2	2.7	0	0	28	00	28	0	0	0	0	0	0	3	0
NAN COWRY	0830	26	1012.2	1009.3	-0.4	27.5	24.5	23.1	28.3	77	- 3	4.7	-0.5	0.9	0	0	11	00	0	9	2	0	0	0	0	20	0
	1730	26	1009.7	1006.8	-0.4	26.7	24.0	22.7	27.6	79	- 3	5.0	+0.0	0.7	0	0	11	00	0	10	1	0	0	0	0	20	0
KONDUL	0830	8	1012.6	1011.7	+0.2	27.0	24.2	22.9	27.9	78	- 5	4.4	-0.9	8.4	0	0	30	01	16	12	1	0	0	0	0	1	0
	1730	8	1010.2	1009.3	+0.3	27.1	24.3	23.0	28.1	78	- 6	4.5	-0.8	8.9	0	1	30	00	16	13	2	0	0	0	0	0	0
NORTH ASSAM (INCLUDING NEFA)																											
PASIGHAT	0830	157	1017.5	999.0	-1.6	15.4	12.7	10.3	12.5	72	+ 3	4.3	+0.5	19.2	0	14	15	00	1	0	1	0	1	0	26	2	0
	1730	157	1014.1	995.8	-1.2	16.2	14.2	12.6	14.6	80	+ 4	4.7	+0.9	7.2	0	3	23	01	2	4	2	0	0	0	17	5	0
DIBRUGARH (MOHANBARI)	0230	111	1015.3	1002.1	..	11.6	11.2	10.8	12.9	94	..	3.8	..	1.6	0	0	9	00	5	2	0	2	0	0	0	22	0
	0530	111	1015.6	1002.3	..	10.6	10.3	10.0	12.3	96	..	4.4	..	1.5	0	0	8	00	4	0	1	0	0	2	1	23	0
	0830	111	1017.8	1004.6	-0.9	14.1	13.1	12.3	14.3	89	+ 6	4.3	+0.8	4.9	0	0	28	03	13	8	1	1	0	2	0	3	0
	1130	111	1015.7	1002.8	..	19.3	15.2	11.9	13.9	64	..	4.1	..	7.1	0	0	29	04	9	11	2	3	0	0	0	2	0
	1430	111	1013.4	1000.6	..	21.0	15.6	11.3	13.4	54	..	4.1	..	6.1	0	0	29	06	12	7	2	0	1	1	0	2	0
	1730	111	1014.1	1001.1	-0.6	16.6	14.4	12.6	14.6	78	+ 0	4.1	+0.9	1.7	0	0	8	00	4	2	0	0	0	0	2	23	0
	2030	111	1015.6	1002.4	..	13.3	12.4	11.6	13.7	90	..	3.8	..	1.7	0	0	8	00	5	3	0	0	0	0	0	23	0
	2330	111	1015.6	1002.4	..	12.2	11.6	11.2	13.3	93	..	4.2	..	1.7	0	0	9	00	7	1	0	1	0	0	0	22	0
DIGBOI	0830	152	1018.3	1000.3	-0.7	14.3	13.4	12.7	14.7	90	+ 2	4.5	+0.1	2.1	0	0	29	04	3	8	4	2	2	5	1	2	0
	1730	152	1014.6	996.9	-0.8	17.4	15.7	14.5	16.5	82	+ 8	.	..	1.1	0	0	13	01	4	6	0	1	0	1	0	18	0
NORTH LAKHIMPUR	0830	102	1017.5	1005.4	-1.1	15.8	14.1	12.7	14.7	83	- 1	4.0	+0.4	5.0	0	0	26	08	8	5	2	2	1	0	0	5	0
	1130	102	1016.0	1004.1	..	19.9	15.9	12.9	14.9	65	..	4.4	..	7.3	0	0	30	03	11	5	3	6	1	1	0	1	0
	1430	102	1013.7	1001.9	..	21.1	16.2	12.5	14.5	59	..	4.3	..	8.0	0	2	29	03	13	6	3	4	1	0	1	0	0
	1730	102	1014.2	1002.2	-0.5	17.0	15.2	13.8	15.8	82	+ 0	4.3	+0.5	3.0	0	0	16	08	3	1	1	0	1	1	1	15	0
	2030	102	1015.6	1003.4	..	14.1	13.4	12.9	14.9	87	..	3.5	..	1.3	0	0	9	02	1	0	0	0	0	1	5	22	0
SIBSAGAR	0830	97	(R)																								
	1730	97	(R)																								
GOHPUR	0830	83	1017.0	1007.3	..	15.5	14.3	13.4	15.4	87	+ 0	2.9	..	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
	1730	83	1013.3	1003.5	..	17.5	15.3	13.6	15.6	78	+ 4	2.9	..	0.3	0	0	2	00	2	0	0	0	0	0	0	29	0
MAJBAT	0830		..	..	..	15.7	14.5	13.6	15.6	86	..	1.1	-2.1	1.2	0	0	13	00	9	0	2	0	2	0	0	18	0
	1730		..	..	..	19.4	17.7	16.6	18.9	83	..	1.2	-1.3	0.3	0	0	1	00	0	0	0	0	1	0	0	28	0
JORHAT AERODROME	0530	90	1015.6	1004.9	..	11.8	11.7	11.6	13.7	99	..	5.3(b)	..(b)	0.3	0	0	1	00	0	0	0	1	0	0	0	30	0
	0830	90	1017.8	1007.1	..	14.7	14.0	13.5	15.5	93	..	5.4	..	1.5	0	0	6	03	2	0	0	0	1	0	0	25	0
	1130	90	1015.7	1005.2	..	19.9	16.4	13.9	15.9	69	..	3.6	..	6.5	0	1	20	05	13	1	0	1	1	0	0	10	0
	1730	90	1013.8	1003.3	..	16.6	14.7	13.2	15.2	81	..	3.5	..	2.5	0	1	5	00	5	1	0	0	0	0	0	25	0
	2330	90	1015.5	1004.8	..	13.0	12.6	12.3	14.3	95	..	3.7	..	0.5	0	0	2	00	2	0	0	0	0	0	0	29	0
TANGLA	0830	78	1017.2	1008.1	-0.6	16.1	14.4	13.1	15.1	82	+ 4	2.4	+0.5	0.8	0	0	9	00	0	8	0	0	1	0	0	22	0
	1730	78	1012.8	1003.7	-1.6	19.5	16.2	13.7	15.7	70	- 6	2.1	+0.5	0.4	0	0	4	00	1	0	1	0	0	2	0	27	0
TEZPUR	0830	79	1017.5	1008.2	-1.1	15.4	13.7	12.3	14.3	83	- 1	4.9(b)	+2.4	1.9(b)	0	0	19	00	15	1	1	0	0	1	1	11	0
	1730	79	1013.4	1004.3	-0.7	19.4	15.6	12.7	14.7	65	- 7	2.5	+0.7	2.6	0	1	16	02	12	0	1	0	2	0	0	14	0
GOLAGHAT	0830	95	1016.9	1005.6	-1.5	14.9	13.8	12.9	14.9	88	+ 5	2.8	-0.9	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	95	1012.3	1001.3	-1.5	21.8	16.5	12.5	14.5	57	-10	2.0	-1.4	..	.	..	..	..	..	..	..	..	..	..	..	..	..
RANGIA	0830	60	1018.6	1011.4	..	16.5	15.0	13.9	15.9	85	+ 4	1.5(a)	..	7.2(a)	0	1	25	00	1	20	2	0	0	3	0	4	0
	1730	60	1014.7	1007.7	..	18.9	16.4	14.6	16.6	76	+ 4	0.9	..	1.4(a)	0	0	5	00	1	2	0	0	0	1	1	25	0
CHAPARMUKH	0830	66	1017.9	1010.2	-1.3	16.3	14.5	13.1	15.1	82	+ 3	2.5	+0.0	..	.	..	..	01	4	4	16	3	1	0	0	1	0
	1730	66	1014.0	1006.3	-0.5	20.4	16.4	13.4	15.4	67	- 5	2.2	-0.2	2.3	0	0	18	05	1	2	3	3	0	0	4	11	0
GOALPARA	0830	38	1017.0	1012.4	-0.7	15.2	13.9	12.9	14.9	86	+ 1	1.9	-1.1	1.4	0	0	20	00	5	10	0	2	1	2	0	11	0
	1730	38	1013.7	1009.2	+0.4	20.5	16.1	12.7	14.7	63	+ 0	1.7	+0.4	0.7	0	0	10	00	2	4	0	1	0	3	0	21	0
GAUHATI (BHORJOR)	0230	54	1014.5	1008.1	..	12.3	12.1	11.9	13.9	98	..	2.1	..	1.8	0	0	9	01	0	1	1	3	3	0	0	22	0
	0530	54	1014.7	1008.2	..	11.2	11.1	11.0	13.1	99	..	2.2	..	1.1	0	0	7	01	1	1	1	2	1	0	0	24	0

TABLE III – SUMMARY OF OBSERVATIONS AT FIXED HOURS – JANUARY, 1968 (PAUSA 11 – MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. — At mean sea level or Sl. in gpm. of mean standard isobaric level	At station level	Departure from normal	Mean temperature in °C — Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) — Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations — Wind Speed (Km. p. h.) — 62 or more	20 to 61	1 to 19	Wind direction — N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
NORTH ASSAM (INCLUDING NEFA) (CONTD)																											
GAUHATI (BHORJOR)	0830	54	1017.1	1010.6	-1.3	15.1	14.1	13.3	15.3	89	+ 3	3.3	+0.8	3.1	0	0	10	00	2	4	0	1	2	1	0	21	0
	1130	54	1015.1	1008.8	..	20.7	16.5	13.4	15.4	64	..	2.6	..	7.8	0	0	29	09	11	3	0	1	1	3	1	2	0
	1430	54	1012.5	1006.3	..	22.9	16.9	12.4	14.4	52	..	3.3	..	6.3	0	0	24	01	10	3	0	2	0	4	4	7	0
	1730	54	1013.0	1006.7	-1.3	18.5	15.8	13.8	15.8	74	+ 0	3.3	+0.6	2.1	0	0	9	01	1	1	0	2	1	2	1	22	0
	2030	54	1014.8	1008.4	..	14.9	14.2	13.7	15.7	92	..	2.3	..	2.5	0	0	11	01	1	0	0	2	6	1	0	20	0
	2330	54	1014.9	1008.4	..	13.7	13.1	12.6	14.6	94	..	2.4	..	1.6	0	0	6	00	1	0	0	2	2	1	0	25	0
DHUBRI (RUPSI)	0530	45	1014.8	1009.4	..	10.8	10.5	10.2	12.4	96	..	1.9	..	2.0	0	0	8	00	6	1	0	0	0	0	1	23	0
	0830	45	1016.5	1011.1	-0.6	15.4	13.9	12.7	14.7	84	+ 4	2.3	+0.4	3.4	0	0	16	00	7	8	0	0	0	1	0	15	0
	1130	45	1015.4	1010.1	..	20.8	16.4	13.1	15.1	62	..	2.5	..	6.5	0	1	24	01	8	8	3	0	2	1	2	6	0
	1730	45	1012.9	1007.6	-0.4	17.9	15.6	13.9	15.9	77	- 2	1.7	+0.3	1.1	0	0	5	00	1	0	1	0	1	2	0	26	0
DHUBRI	0830	35	1017.1	1012.9	-0.8	15.0	14.1	13.4	15.4	91	+ 7	1.7	-0.1	4.6	0	0	18	03	8	5	1	0	1	0	0	13	0
	1730	35	1013.7	1009.5	-0.4	19.4	15.9	13.3	15.3	67	+ 2	2.3	+0.7	3.5	0	0	16	02	9	3	1	0	2	1	2	15	0
LUMDING	0830	149	1017.8	1000.0	..	11.8	11.3	10.8	12.9	94	+12	2.9	..	0.9	0	0	9	00	0	6	1	1	0	1	0	22	0
	1730	149	1013.2	996.1	..	21.3	16.4	12.7	14.7	59	..	2.5	..	1.2	0	0	9	02	2	3	0	0	1	0	1	22	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																											
TURA	0830	370	1017.1	973.9	-1.5	14.6	12.7	11.0	13.1	78	+ 2	3.7	+1.6	2.9	0	0	30	00	5	18	5	1	1	0	0	1	0
	1730	370	1013.7	971.4	-0.9	20.0	16.6	14.1	16.2	69	+ 2	5.6	+2.7	3.5	0	0	26	03	3	5	2	3	5	2	3	5	0
HAFLONG	0830	682	1017.5	939.5	+0.2	14.9	12.8	11.1	13.2	79	+ 7	3.3	+1.1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730	682	1012.0	935.2	-0.7	17.2	13.5	10.6	12.8	66	+ 0	3.3	+0.7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
SILCHAR (KUMBHIRGRAM)	0530	97	1013.3	1001.8	..	13.0	11.8	10.7	12.9	86	..	1.9	..	9.2	0	0	31	00	2	28	0	0	0	0	0	0	1
	0830	97	1015.4	1004.0	-1.2	16.2	13.8	11.8	13.8	75	+ 0	2.0	+0.2	10.5	0	0	31	00	3	28	0	0	0	0	0	0	0
	1130	97	1013.2	1002.1	..	22.3	16.1	10.7	12.9	49	..	1.8	..	8.3	0	1	29	00	1	12	6	3	2	0	3	1	3
	1730	97	1011.2	1000.1	-1.2	20.3	15.7	12.1	14.1	60	- 1	1.3	-0.2	2.5	0	0	15	04	4	1	0	0	4	2	0	16	0
SILCHAR	0830	29	1016.8	1013.3	-1.1	16.1	14.5	13.3	15.3	83	- 1	1.4	+0.2	0.2	0	0	3	00	0	2	1	0	0	0	0	28	0
	1730	29	1012.6	1009.2	-0.8	21.5	16.8	13.3	15.3	60	- 4	1.7	+0.4	0.1	0	0	1	00	1	0	0	0	0	0	0	30	0
IMPHAL (TULIHAL)	0530	781	1018.5	927.4	..	6.7	6.3	5.9	9.3	94	..	2.9	..	0.9	0	0	3	00	1	1	0	1	0	0	0	28	0
	0830	781	1018.9	929.2	-1.1	11.4	9.7	8.1	10.8	81	+ 5	3.6	+1.4	0.3	0	0	1	00	0	0	0	1	0	0	0	30	0
	1130	781	1014.6	927.1	..	17.7	12.7	8.5	11.1	55	..	2.6	..	2.4	0	0	9	00	0	0	2	1	3	1	2	22	0
	1430	781	1011.3	924.7	..	20.3	13.1	6.7	9.7	41	..	2.5	..	6.6	0	2	19	00	0	0	2	3	3	7	6	10	0
	1730	781	1013.4	925.3	+0.7	15.8	11.6	7.9	10.7	60	- 1	2.0	+0.2	5.2	0	0	16	00	0	0	1	4	0	2	9	15	0
	2030	781	1016.1	926.6	..	12.0	10.2	8.6	11.2	79	..	2.0	..	0.4	0	0	2	00	0	0	0	1	0	0	1	29	0
	2330	781	1017.2	927.0	..	9.5	8.5	7.5	10.4	88	..	2.1	..	0.5	0	0	3	01	1	0	0	0	0	0	1	28	0
KAILASHAHAR	0530	29	1015.2	1011.7	..	10.4	10.2	10.0	12.3	97	..	2.0	..	0.2	0	0	3	00	0	0	0	2	0	1	0	28	0
	0830	29	1017.2	1013.7	-0.6	15.9	14.3	13.0	15.0	84	+ 3	1.5	+0.0	1.4	0	0	17	00	0	0	0	5	11	1	0	14	0
	1130	29	1015.3	1011.9	..	23.5	17.3	13.4	15.4	53	..	2.3	..	4.2	0	0	29	05	6	1	1	2	3	6	1	2	4
	1730	29	1013.4	1010.1	-0.4	20.3	16.7	14.1	16.1	67	+ 2	1.5	-0.1	0.2	0	0	3	00	1	0	0	0	1	0	1	28	0
AGARTALA	0230	16	1013.1	1011.2	..	11.9	11.1	10.4	12.6	90	..	0.7	..	1.6	0	0	10	02	0	3	1	4	0	0	0	21	0
	0530	16	1013.6	1011.7	..	11.1	10.3	9.5	11.9	91	..	1.2	..	1.7	0	0	12	02	2	1	5	1	1	0	0	19	0
	0830	16	1015.6	1013.7	-0.9	17.2	14.7	12.7	14.7	76	- 3	1.2	-0.5	3.3	0	0	15	06	2	0	2	4	1	0	0	16	0
	1130	16	1014.1	1012.3	..	23.8	16.3	10.3	12.5	42	..	2.0	..	9.0	0	0	31	12	1	1	0	1	3	5	8	0	0
	1430	16	1011.9	1010.1	..	24.9	16.4	9.4	11.8	38	..	2.7	..	9.5	0	0	31	07	0	0	0	4	2	8	10	0	0
	1730	16	1012.2	1010.3	-0.9	20.7	15.8	12.0	14.0	57	- 4	1.3	-0.4	4.3	0	0	24	11	0	0	1	0	0	6	6	7	0
	2030	16	1013.7	1011.8	..	16.3	13.9	11.9	13.9	75	..	1.0	..	2.9	0	0	11	01	1	0	0	0	2	4	3	20	0
	2330	16	1013.8	1011.9	..	13.5	12.2	11.1	13.2	85	..	1.3	..	1.4	0	0	10	03	0	1	0	4	1	0	1	21	0
SUB-HIMALAYAN WEST BENGAL																											
BAGHDOGRA	0230	131	1014.8	999.1	..	11.8	10.9	10.2	12.4	89	..	1.7	..	0.7	0	0	3	00	1	0	0	0	1	1	0	28	0
	0530	131	1015.0	999.1	..	9.0	8.5	7.9	10.7	93	..	2.2	..	1.8	0	0	7	04	1	0	0	0	1	1	0	24	0
	0830	131	1017.0	1001.5	-0.6	14.5	13.2	12.1	14.1	85	+ 4	3.1	+0.8	2.1	0	0	9	02	4	1	0	0	2	0	0	22	0
	1130	131	1016.0	1000.8	..	21.5	16.3	12.3	14.3	57	..	3.2	..	10.1	0	1	26	01	2	8	7	4	4	1	0	4	0
	1430	131	1013.2	998.1	..	22.7	16.7	12.1	14.1	53	..	3.8	..	9.7	0	2	24	00	1	3	4	4	6	8	0	5	0
	1730	131	1013.3	998.0	-0.7	18.3	15.4	13.2	15.2	71	- 2	3.3	+0.1	5.7	0	1	17	00	0	1	2	1	8	6	0	13	0
	2030	131	1015.2	999.7	..	15.5	13.8	12.4	14.4	82	..	1.8	..	4.1	0	1	10	05	0	0	0	0	1	5	0	20	0
	2330	131	1015.5	999.9	..	13.8	12.6	11.6	13.7	86	..	1.7	..	1.4	0	0	6	01	2	0	0	0	0	3	0	25	0
JALPAIGURI	0830	83	1017.0	1007.1	-0.6	13.7	12.7	11.8	13.8	88	+ 1	3.0	+1.1	2.6	0	0	25	12	5	2	1	1	0	2	2	6	0
	1730	83	1013.1	1003.5	-0.5	19.5	15.4	12.2	14.2	63	+ 4	2.0	+0.3	1.2	0	0	9	01	0	0	0	2	4	2	0	22	0
COOCH BEHAR AERODROME	0830	43	1017.0	1011.9	-1.0	14.7	13.4	12.3	14.3	86	+10	2.5	+0.6	5.8	0	1	21	03	5	11	1	0	0	1	1	9	0
	1130	43	1015.9	1010.9	..	20.2	15.7	12.2	14.2	61	..	3.0	..	8.6	0	2	20	03	4	10	2	0	2	0	1	9	0
	1730	43	1013.4	1008.5	-0.4	18.4	15.3	12.9	14.9	71	+ 2	2.2	+0.6	0.7	0	0	2	00	0	1	0	0	0	1	0	29	0
BALURGHAT	0830		..	..	..	16.6	14.0	11.9	13.9	73	..	2.6	..	2.3	0	0	21	07	2	1	0	0	2	3	6	10	0
	1730		..	..	..	19.9	16.3	13.7	15.7	67	..	1.8	..	0.7	0	0	6	02	1	0	0	0	1	0	2	25	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JANUARY 1968 (PAUSA 11 - MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of normal standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SUB HIMALAYAN WEST BENGAL (CONTD.)																											
MALDA	0830	31	1017.1	1013.4	-0.6	16.0	13.7	11.8	13.8	76	+ 4	2.3	+0.8	1.7	0	0	20	03	1	1	0	0	1	1	13	11	0
	1730	31	1013.5	1009.8	-0.6	20.9	15.8	11.8	13.8	56	- 2	2.1	+0.7	1.4	0	0	16	05	0	1	0	0	0	4	6	15	0
GANGETIC WEST BENGAL																											
BERHAMPURE	0830	19	1016.7	1014.5	-0.8	16.3	14.1	12.3	14.3	77	+ 3	2.0	+0.3	1.2	0	0	16	06	1	3	0	2	2	2	0	15	0
	1730	19	1013.6	1011.3	-0.2	20.6	16.0	12.5	14.5	61	+ 6	0.9	-0.7	0.6	0	0	6	02	0	2	0	1	0	1	0	25	0
SURI	0830		..	..	..	18.6	14.2	10.4	12.6	59	- 5	1.3	-0.5	3.8	0	0	31	10	1	5	0	2	0	13	0	0	0
ASANSOL	0230	126	1015.0	1000.0	..	12.7	11.7	10.8	12.9	87	..	1.7	..	1.1	0	0	7	01	0	0	0	0	0	0	6	24	0
	0530	126	1015.4	1000.3	..	12.0	11.2	10.5	12.7	90	..	2.1	..	1.2	0	0	9	00	0	0	0	0	0	0	9	22	0
	0830	126	1017.2	1002.4	-0.4	16.4	13.9	11.8	13.8	74	+ 7	2.0	+0.2	3.9	0	0	25	05	2	2	0	0	1	3	12	6	0
	1130	126	1016.0	1001.5	..	22.6	16.6	12.0	14.0	52	..	1.7	..	7.2	0	0	28	03	1	2	1	1	0	3	17	3	0
	1430	126	1013.3	998.9	..	24.2	17.2	11.9	13.9	47	..	1.8	..	6.1	0	0	31	04	5	1	1	1	3	1	15	0	0
	1730	126	1013.7	999.0	+0.0	20.3	16.1	12.9	14.9	62	+17	2.2	+0.4	2.8	0	0	17	02	1	1	1	1	0	2	9	14	0
	2030	126	1015.3	1000.4	..	15.5	13.5	11.8	13.8	79	..	1.4	..	1.6	0	0	9	04	0	2	0	0	0	1	2	22	0
	2330	126	1015.5	1000.5	..	14.0	12.5	11.2	13.3	83	..	1.3	..	2.3	0	0	15	06	2	0	0	1	0	0	6	16	0
SHANTI NIKETAN	0830	59	1017.3	1010.3	..	16.5	13.6	11.0	13.0	71	..	2.2	..	4.5	0	0	27	14	2	2	0	1	0	1	7	4	0
	1130	59	1016.5	1009.6	..	22.0	15.4	9.9	12.2	46	..	1.6	..	5.5	0	0	28	11	3	0	0	2	1	1	10	3	0
	1730	59	1013.8	1006.9	..	20.6	15.1	10.5	12.7	52	..	2.3	..	2.6	0	0	18	05	3	0	0	0	1	3	6	13	0
KRISHNANAGAR	0830	15	1016.9	1015.2	-0.7	17.9	14.3	11.3	13.4	66	- 9	1.1	-0.5	1.2	0	0	5	00	1	0	0	0	0	3	1	26	0
	1730	15	1014.6	1012.9	+0.5	22.1	16.4	12.0	14.0	53	- 5	1.3	-0.3	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
PURULIA	0830	255	1017.5	987.7	-0.9	15.8	13.0	10.5	12.7	71	+11	2.9	+1.2	3.9	0	0	29	06	1	1	2	0	1	4	14	2	0
	1730	255	1013.6	984.5	-0.5	21.3	16.1	12.1	14.1	57	+10	3.1	+0.9	1.7	0	0	13	02	6	0	2	0	0	1	2	18	0
BANKURA	0830	100	1016.9	1005.1	..	16.5	14.1	12.1	14.1	76	..	0.8	..	1.2	0	0	17	05	1	0	0	0	0	7	4	14	0
	1730	100	1013.7	1002.2	..	22.4	17.1	13.2	15.2	57	..	0.7	..	0.7	0	0	5	03	0	0	0	0	0	1	1	26	0
BURDWAN	0830	32	1017.0	1013.2	-0.5	19.3	15.3	12.1	14.1	64	- 5	0.4	-1.0	3.8	0	0	27	11	3	0	2	0	0	2	9	4	0
	1730	32	1013.4	1009.6	-0.4	23.1	16.9	12.3	14.3	51	+ 1	0.3	-1.0	3.2	0	0	26	15	1	0	1	0	0	2	6	5	1
CALCUTTA (DUM DUM)	0230	6	1013.9	1013.2	..	14.1	13.1	12.3	14.3	89	..	1.2	..	1.2	0	0	9	03	2	0	0	0	1	0	3	22	0
	0530	6	1014.3	1013.6	..	13.3	12.4	11.6	13.7	89	..	1.5	..	1.6	0	0	10	06	2	0	0	0	1	0	1	21	0
	0830	6	1016.6	1015.8	-1.0	17.5	14.5	12.1	14.1	70	- 4	1.3	-0.3	4.1	0	0	27	07	9	0	1	1	1	0	8	4	0
	1130	6	1015.3	1014.6	..	23.2	16.7	11.7	13.7	48	..	1.1	..	5.9	0	0	31	08	9	1	1	0	4	2	6	0	0
	1430	6	1012.8	1012.1	..	25.0	17.1	10.9	13.0	42	..	1.5	..	4.8	0	0	28	07	5	0	0	1	2	3	10	3	0
	1730	6	1013.0	1012.3	-0.9	22.6	17.0	12.9	14.9	54	- 3	1.2	-0.3	1.4	0	0	11	03	2	0	0	2	1	1	2	20	0
	2030	6	1014.6	1013.9	..	17.4	15.2	13.5	15.5	77	..	0.4	..	1.0	0	0	8	02	5	0	0	0	1	0	0	23	0
	2330	6	1014.5	1013.8	..	15.3	13.9	12.8	14.8	85	..	0.5	..	1.2	0	0	10	03	3	0	0	1	1	0	2	21	0
CALCUTTA	0830	6	1016.6	1015.8	-0.9	19.2	15.3	12.2	14.2	63	-15	1.7	+0.2	4.8	0	0	27	03	11	2	0	1	1	0	9	4	0
	1130	6	1015.3	1014.6	..	24.3	17.0	11.4	13.5	45	..	1.3	..	5.7	0	0	30	06	4	0	1	1	2	4	12	1	0
	1730	6	1013.1	1012.3	-0.8	22.4	16.5	12.0	14.0	52	- 4	1.4	-0.2	3.2	0	0	26	08	0	1	1	1	2	6	7	5	0
MIDNAPORE	0830	45	1017.3	1011.9	-0.4	17.9	14.3	11.3	13.4	66	+ 2	1.7	+0.1	2.3	0	0	28	11	14	0	0	1	0	0	2	3	0
	1730	45	1013.0	1007.8	-0.6	24.0	16.5	10.5	12.7	44	- 3	1.3	-0.3	1.9	0	0	18	08	9	1	0	0	0	0	0	13	0
CONTAI	0830	11	1016.4	1015.1	-0.6	18.6	15.4	12.9	14.9	70	- 1	1.2	+0.1	2.2	0	0	20	15	2	0	0	1	0	0	2	11	0
	1730	11	1013.3	1012.0	-0.4	22.3	17.4	13.8	15.8	60	- 4	0.2	-1.0	1.4	0	0	13	02	0	0	0	2	7	2	0	0	18
SAGAR ISLAND	0830	3	1016.0	1015.6	-0.9	19.6	16.8	14.8	16.8	74	+ 0	1.7	+0.0	14.1	0	8	22	12	8	1	0	0	1	1	7	1	0
	1730	3	1012.9	1012.6	-0.7	22.2	17.9	15.0	17.0	64	- 1	1.4	-0.4	9.4	0	0	29	06	1	1	5	6	3	0	7	2	0
SANDHEADS	0530	10	1014.0	1012.9	..	21.9	18.2	15.7	17.8	68	..	1.4	..	11.9	0	5	22	13	10	0	1	0	2	0	1	4	0
	0830	10	1016.1	1015.0	-1.0	22.9	18.6	15.7	17.8	64	- 2	1.5	+0.0	13.1	0	4	23	11	11	1	0	0	1	1	2	4	0
	1130	10	1015.7	1014.6	..	24.1	18.8	15.3	17.4	59	..	0.9	..	12.8	0	7	20	13	11	1	0	0	1	0	1	4	0
	1730	10	1013.5	1012.4	-0.7	23.0	18.3	15.1	17.1	61	- 4	0.7	-0.7	8.7	0	1	25	08	8	0	3	2	2	0	3	5	0
	2330	10	1014.3	1013.2	..	22.6	18.0	14.9	16.9	63	..	0.4	..	10.4	0	3	26	07	10	1	3	3	2	1	2	2	0
ORISSA																											
BARIPADA	0830	54	1017.8	1011.4	-0.4	17.5	14.2	12.5	14.5	73	+ 8	1.9	+0.0	2.4	0	0	23	12	8	0	0	1	0	1	1	8	0
	1730	54	1014.0	1007.8	+0.1	22.8	17.5	13.7	15.8	58	+ 4	1.4	-0.1	0.9	0	0	9	03	2	1	2	1	0	0	0	22	0
JHARSUGUDA	0230	230	1014.3	987.3	..	15.0	13.8	12.8	14.8	87	..	1.6	..	4.4	0	0	26	06	14	0	3	1	1	0	1	5	0
	0530	230	1014.7	987.6	..	14.0	13.0	12.2	14.2	89	..	1.9	..	5.0	0	0	30	11	16	1	1	1	0	0	0	1	0
	0830	230	1016.7	989.8	-0.7	16.7	14.3	12.4	14.4	76	+ 7	2.3	+0.7	6.5	0	0	31	06	20	3	1	0	0	0	1	0	0
	1130	230	1015.6	989.2	..	22.4	16.2	11.3	13.4	50	..	2.2	..	7.0	0	0	31	04	11	3	4	3	2	3	1	0	0
	1430	230	1012.5	986.4	..	24.8	16.8	10.5	12.7	42	..	2.9	..	6.8	0	1	30	10	3	4	0	3	1	6	4	0	0
	1730	230	1012.6	986.4	-0.4	23.1	16.7	11.8	13.8	49	+ 5	3.0	+1.4	4.9	0	1	24	03	9	1	0	2	5	3	2	6	0
	2030	230	1014.5	987.9	..	19.0	15.4	12.7	14.7	67	..	1.7	..	4.0	0	0	23	02	11	1	1	4	2	1	1	8	0
	2330	230	1014.8	988.0	..	16.7	14.5	12.7	14.7	78	..	1.7	..	4.4	0	1	20	08	6	0	4	1	2	0	0	10	0
KEONJHARGARH	0830	463	1018.9	965.4	+0.2	14.5	12.1	10.1	12.3	74	+13	1.2	-0.2	1.5	0	0	23	02	0	2	0	2	0	11	1	8	5
	1730	463	1012.1	960.7	-0.9	22.7	15.7	10.5	12.7	47	- 1	2.0	-0.1	1.4	0	0	22	01	3	3	0	1	0	14	0	9	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JANUARY 1968 (PAUSA 11 - MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lst. in gen. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
ORISSA (CONTD)																											
BALASORE	0830	20	1017.0	1014.6	-0.5	18.8	15.2	12.4	14.4	64	- 4	2.1	+0.1	7.8	0	0	29	21	4	0	0	2	1	0	1	2	0
	1730	20	1013.2	1010.9	-0.5	22.3	17.5	14.1	16.1	60	- 1	1.9	-0.5	4.0	0	0	22	03	0	0	8	11	0	0	0	9	0
SAMBALPUR	0830	148	1016.4	999.0	-1.0	18.6	15.5	13.1	15.1	71	- 2	2.3	+0.6	1.5	0	0	14	02	8	1	2	0	0	0	1	17	0
	1730	148	1013.8	996.8	+0.5	21.7	15.6	10.6	12.8	50	+ 5	3.3	+1.5	0.8	0	0	8	03	3	0	1	0	0	1	0	23	0
ANGUL	0830	139	1016.5	1000.3	-1.0	18.8	15.7	13.4	15.4	70	- 5	2.3	+0.1	2.1	0	0	21	01	0	6	1	1	0	12	0	10	0
	1730	139	1012.9	997.0	-0.4	24.9	17.6	12.2	14.2	45	+ 3	2.2	+0.1	1.5	0	0	17	05	0	5	1	3	0	2	1	14	0
CHANDBALI	0830	6	1016.9	1016.2	-0.4	20.7	17.1	14.6	16.6	68	- 8	1.8	+0.4	5.4	0	0	30	04	4	3	1	1	0	0	17	1	0
	1730	6	1013.2	1012.5	-0.7	23.4	17.8	13.9	15.9	56	- 6	1.2	-0.4	6.1	0	0	29	00	9	7	11	0	0	0	2	2	0
BOLANGIR	0830	190	1016.5	994.5	-0.4	20.5	17.4	15.3	17.4	72	+ 3	1.8	-0.7	2.7	0	0	24	07	3	3	2	2	1	0	6	7	0
	1730	190	1012.2	990.5	-1.2	24.8	19.2	15.6	17.7	57	+ 4	1.9	-0.7	1.9	0	0	17	08	3	2	2	1	1	0	0	14	0
PHULBANI	0830	64	1016.7	963.5	..	15.6	13.8	12.5	14.5	82	..	1.2	..	0.5	0	0	6	00	0	4	1	0	0	1	0	25	0
	1730	64	1011.7	959.5	..	22.5	16.8	13.0	15.0	56	..	1.0	..	0.3	0	0	4	00	1	1	0	0	0	2	0	27	0
CUTTACK	0830	27	1016.9	1013.8	-0.3	19.4	17.0	15.3	17.4	77	- 3	1.1	-0.6	2.6	0	0	16	00	6	6	0	1	0	3	0	15	0
	1730	27	1013.1	1010.1	-0.2	26.4	19.6	15.2	17.3	50	+ 2	0.6	-1.1	3.7	0	0	20	01	1	5	3	5	3	1	1	11	0
TITLAGARH	0830	211	1016.8	992.4	-0.2	19.4	15.6	12.7	14.7	65	- 3	3.6	+2.3	1.5	0	0	23	00	7	0	7	0	6	0	3	8	0
	1730	211	1012.3	988.5	-0.1	26.3	18.4	12.8	14.8	44	+ 4	2.8	+1.6	1.7	0	0	25	00	23	0	1	0	0	0	1	6	0
BHUBANESWAR	0230	46	1013.9	1008.5	..	18.1	16.6	15.5	17.6	85	..	1.1	..	5.5	0	0	23	02	5	3	1	2	5	1	4	8	0
	0530	46	1014.2	1008.8	..	17.0	15.9	15.1	17.1	88	..	1.3	..	5.9	0	1	18	05	5	1	0	1	2	1	4	12	0
	0830	46	1016.5	1011.1	-0.5	20.4	17.4	15.4	17.5	72	+ 2	1.8	+0.0	7.9	0	0	24	10	9	0	0	1	1	1	2	7	0
	1130	46	1015.5	1010.3	..	25.0	18.5	14.0	16.0	31	..	2.6	..	11.9	0	2	28	05	10	3	0	2	7	1	2	1	0
	1430	46	1012.7	1007.5	..	26.8	18.5	12.5	14.5	42	..	3.0	..	11.4	0	3	27	05	7	6	0	3	6	0	1	1	2
	1730	46	1013.0	1007.7	-0.5	24.7	18.1	13.5	15.5	50	+ 0	1.7	-0.4	11.1	0	4	27	01	5	8	3	8	3	0	3	0	0
	2030	46	1014.8	1009.5	..	20.8	18.0	16.2	18.4	75	..	0.6	..	7.0	0	0	25	01	2	3	3	10	5	0	1	6	0
	2330	46	1014.8	1009.4	..	19.3	17.5	16.3	18.5	82	..	0.8	..	5.8	0	0	23	02	3	3	2	4	6	1	2	8	0
PURI	0830	6	1016.5	1015.8	-0.6	21.3	19.1	17.8	20.4	81	+ 8	2.1	+0.5	10.9	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	6	1012.6	1011.9	-1.2	21.8	19.4	18.0	20.6	80	+12	1.2	-0.9	18.3	.	..	..	..	..	..	..	..	..	..	..	..	..
GOPALPUR	0530	17	1014.0	1012.0	..	18.4	17.4	16.7	19.0	89	..	1.3	..	9.9	0	0	29	18	1	0	0	1	1	0	8	2	0
	0830	17	1016.3	1014.3	-0.7	20.4	18.4	17.1	19.5	81	+ 7	2.1	+0.4	10.3	0	0	30	23	1	0	0	1	0	1	4	1	0
	1130	17	1015.7	1013.7	..	25.2	21.2	19.0	22.0	68	..	1.9	..	12.0	0	4	27	04	4	3	7	9	3	0	1	0	0
	1730	17	1013.1	1011.1	-0.5	24.2	21.2	19.5	22.7	75	+ 5	1.9	+0.0	16.2	0	5	26	00	1	6	10	11	3	0	0	0	0
	2330	17	1014.7	1012.7	..	21.1	19.6	18.7	21.6	86	..	1.9	..	8.5	0	3	20	05	0	1	1	2	3	10	1	8	0
KORAPUT	0830	913	1527.2	913.9	-0.8	15.9	13.3	11.3	13.4	75	+ 6	2.3	+0.9	3.6	0	0	30	02	0	0	28	0	0	0	0	0	0
	1730	913	1513.2	911.3	-0.7	20.9	15.0	10.6	12.8	53	+10	2.6	+0.6	9.3	0	0	31	20	9	0	2	0	0	0	0	0	0
BIHAR PLATEAU																											
DUMKA	0830	149	1017.4	999.8	-0.5	15.9	13.2	10.9	13.0	71	+ 5	2.1	+0.7	2.9	0	0	18	01	1	0	2	1	4	5	4	13	0
	1730	149	1014.1	996.9	+0.3	20.3	15.2	11.0	13.1	55	+ 4	1.6	+0.2	1.2	0	0	7	02	0	1	0	0	2	0	2	24	0
DALTONGANJ	0830	221	1018.3	992.2	-0.1	14.9	12.9	11.2	13.3	76	- 2	3.0	+0.7	0.5	0	0	4	00	1	0	1	0	1	0	1	27	0
	1730	221	1013.7	988.1	-0.5	19.8	15.5	12.1	14.1	62	+11	2.8	+0.5	2.1	0	0	20	00	7	0	0	0	3	0	10	11	0
HAZARIBAGH	0830	611	1017.4	946.7	-1.0	12.7	10.8	9.1	11.5	79	+16	2.1	+0.1	5.0	0	0	23	04	2	1	2	3	1	2	8	8	0
	1730	611	1013.6	944.2	-0.8	17.2	12.8	9.1	11.5	60	+11	2.5	+0.4	5.4	0	0	30	09	2	2	1	2	0	0	14	1	0
DHANBAD	0830	257	1017.0	987.0	-0.8	17.3	13.4	9.9	12.2	63	+ 4	1.3	-0.5	2.5	0	0	26	03	2	0	2	0	1	11	6	5	1
	1730	257	1013.1	983.6	..	20.8	14.9	9.9	12.2	50	..	1.7	..	2.6	0	0	28	03	6	0	1	0	0	0	18	3	0
RANCHI AERODROME	0530	652	1015.2	939.9	..	11.3	9.8	8.4	11.0	83	..	1.5	..	5.3	0	0	17	02	2	1	1	1	1	1	8	14	0
	0830	652	1016.9	942.0	-0.7	13.5	11.1	9.0	11.5	75	+17	2.3	+0.4	8.5	0	0	22	05	1	1	2	0	2	2	9	9	0
	1130	652	1015.0	941.4	..	18.2	12.9	8.5	11.1	55	..	2.1	..	15.2	0	6	21	04	1	0	5	2	2	4	9	4	0
	1430	652	1012.1	939.1	..	20.2	13.5	7.9	10.7	46	..	2.6	..	16.8	0	24	6	02	1	2	3	2	1	6	13	1	0
	1730	652	1012.7	939.4	-0.3	18.5	12.9	8.1	10.8	52	+ 7	2.3	-0.3	11.6	0	2	26	05	2	2	3	2	2	1	11	3	0
	2030	652	1015.0	940.6	..	15.0	11.8	9.1	11.5	68	..	2.0	..	7.3	0	0	24	04	1	1	2	3	0	2	11	7	0
JAMSHEDPUR	0830	129	1016.8	1001.6	-1.1	16.1	13.8	11.9	13.9	76	+ 1	3.8	+1.9	1.4	0	0	14	01	0	2	2	0	1	5	3	17	0
	1730	129	1013.4	998.5	-0.1	22.4	16.3	11.5	13.6	51	+ 3	1.4	-0.3	1.5	0	0	16	02	4	4	1	1	0	2	2	15	0
JAMSHEDPUR P.B.O.	0530	142	1014.9	998.1	..	14.1	12.6	11.6	13.4	84	..	1.9	..	2.4	0	0	13	03	1	2	0	0	2	1	4	18	0
	0830	142	1017.1	1000.4	-0.5	16.1	13.5	11.3	13.4	74	+ 3	2.7	+0.9	5.1	0	0	30	04	0	7	1	0	1	8	9	1	0
	1130	142	1015.8	999.4	..	21.5	15.6	10.7	12.9	51	..	1.6	..	7.1	0	0	28	00	2	4	0	0	3	4	11	3	0
	1430	142	1012.7	996.5	..	23.9	16.3	10.1	12.3	43	..	2.3	..	8.3	0	0	31	02	3	5	0	1	6	5	9	0	0
	1730	142	1012.9	996.6	-0.2	22.3	16.2	11.4	13.5	51	+ 6	2.3	+0.0	4.6	0	0	17	04	2	5	0	2	1	0	3	14	0
	2030	142	1014.7	998.1	..	18.0	15.1	12.8	14.8	72	..	1.7	..	4.2	0	0	18	04	1	4	1	1	0	1	6	13	0
	2330	142	1015.1	998.5	..	15.9	14.1	12.7	14.7	81	..	1.7	..	3.0	0	0	12	00	2	4	0	0	0	2	4	19	0
CHAIBASA	0830	226	1016.7	990.2	-1.1	16.0	13.5	11.4	13.5	74	+ 1	3.6	+1.3	1.3	0	0	17	00	8	0	0	0	9	0	0	14	0
	1730	226	1012.7	987.0	-0.4	22.0	16.3	11.9	13.9	54	+ 3	3.6	+1.0	1.0	0	0	9	00	6	0	0	0	2	0	1	22	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY, 1968 (PAUSA 11 - MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gen. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry bulb	Mean temperature in °C Wet bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BIHAR PLAINS																											
MOTIHARI	0830	66	1017.2	1009.2	+0.0	13.8	13.2	12.7	14.7	94	+11	2.6	+0.6	1.2	0	0	15	00	1	3	0	0	0	8	3	16	0
	1730	66	1014.2	1006.5	-0.3	18.7	16.2	14.4	16.4	77	+11	1.8	-0.1	0.2	0	0	2	00	0	1	0	0	0	1	0	22	0
FORBESGANJ	0830	61	1016.9	1009.7	-0.4	13.8	12.7	11.7	13.7	88	+ 1	3.3	+1.2	1.0	0	0	15	00	1	4	1	0	0	7	2	16	0
	1730	61	1013.4	1006.4	-0.2	18.7	15.4	12.9	14.9	69	+ 6	2.1	+0.1	1.8	0	1	18	00	1	0	0	0	1	16	1	12	0
DARBHANGA	0830	49	1017.1	1011.3	-0.6	15.8	14.0	12.5	14.5	80	- 4	3.2	+1.4	1.0	0	0	14	01	1	1	2	0	5	3	1	17	0
	1730	49	1013.6	1007.9	-0.5	19.2	16.2	14.0	16.0	73	+12	2.1	+0.1	0.5	0	0	7	00	0	1	1	0	2	3	0	24	0
MUZAFFARPUR	0830		..	..	..	13.1	12.3	11.2	13.3	91	..	3.8	..	1.4	0	0	16	00	0	3	0	2	4	6	1	15	0
	1730		..	..	..	18.0	15.1	12.9	14.9	72	..	2.2	..	0.5	0	0	3	00	1	0	0	0	0	2	0	28	0
CHAPRA	0830	58	1017.0	1010.2	..	13.2	11.9	10.7	12.9	85	..	3.2	..	1.9	0	0	26	00	3	0	2	0	16	0	5	5	0
	1730	58	1014.2	1007.6	..	19.1	14.9	11.5	13.6	62	..	1.7	..	2.1	0	0	21	00	2	0	2	0	12	0	5	10	0
PURNEA	0830	38	1017.2	1012.6	-0.6	14.7	13.1	11.7	13.7	82	- 2	2.6	+1.0	1.8	0	0	26	03	1	2	0	2	9	7	2	5	0
	1730	38	1013.7	1009.2	-0.2	18.4	15.4	13.1	15.1	71	+ 8	1.8	+0.4	0.8	0	0	10	01	0	1	0	3	1	4	0	21	0
PATNA	0830	53	1017.0	1010.7	-0.8	13.4	12.2	11.1	13.2	86	+15	2.9	+0.9	5.8	0	0	28	02	1	3	0	1	10	11	0	3	0
	1730	53	1013.9	1007.8	-0.4	18.9	14.9	11.7	13.7	64	+11	2.3	+0.3	4.8	0	0	27	00	1	5	0	1	2	17	1	4	0
PATNA AERODROME	0230	60	1014.6	1007.5	..	12.1	11.2	10.4	12.6	89	..	2.5	..	1.8	0	0	9	00	0	2	0	0	1	4	2	22	0
	0530	60	1014.5	1007.3	..	11.4	10.6	9.8	12.1	89	..	2.2	..	3.2	0	0	18	01	0	2	1	3	5	4	2	13	0
	0830	60	1016.8	1009.7	-0.4	13.6	12.2	11.0	13.1	84	+ 7	3.4	+1.3	7.2	0	0	28	01	0	4	1	2	4	14	2	3	0
	1130	60	1016.3	1009.4	..	19.0	14.7	11.1	13.2	61	..	2.6	..	9.0	0	2	29	01	2	2	2	2	2	10	9	0	1
	1430	60	1013.7	1006.7	..	20.9	15.0	10.0	12.3	51	..	3.3	..	11.5	0	5	26	01	0	4	3	1	2	11	9	0	0
	1730	60	1013.5	1006.5	-0.6	18.7	14.6	11.4	13.5	63	+ 6	2.8	+0.8	4.4	0	0	22	01	0	4	3	0	2	9	3	9	0
	2030	60	1015.0	1008.0	..	14.9	13.1	11.6	13.7	80	..	2.1	..	3.9	0	0	15	02	1	2	0	2	1	5	2	16	0
	2330	60	1015.1	1008.0	..	13.2	11.9	10.7	12.9	85	..	2.1	..	2.8	0	1	11	00	1	2	1	0	0	6	2	19	0
BHAGALPUR	0530	49	1014.9	1009.1	..	12.8	11.8	10.9	13.0	88	..	3.4	..	3.2	0	0	29	00	2	2	2	6	3	14	0	2	0
	0830	49	1017.2	1011.3	-0.9	14.3	12.7	11.3	13.4	83	+ 7	3.4	+1.7	3.4	0	0	29	00	1	2	1	3	10	10	2	2	0
	1130	49	1016.7	1010.9	..	18.7	15.2	12.5	14.5	68	..	3.1	..	5.5	0	1	29	01	2	1	1	1	10	7	6	1	1
	1730	49	1013.7	1008.0	-0.7	18.3	15.2	12.8	14.8	71	+ 8	3.3	+1.6	3.5	0	0	29	01	0	1	2	0	3	20	2	2	0
	2330	49	1015.5	1009.7	..	14.7	13.0	11.5	13.6	81	..	1.9	..	3.9	0	1	29	01	1	2	4	0	12	8	1	1	1
SABAUR	0830	37	1017.3	1012.8	-0.5	13.8	12.7	11.7	13.7	87	+ 5	3.0	+1.0	2.6	0	0	23	02	0	1	0	0	6	11	3	8	0
	1730	37	1013.8	1009.5	-0.1	18.7	16.1	14.1	16.1	75	+10	2.2	+0.2	2.7	0	0	16	00	0	3	0	0	0	3	10	15	0
JAMUI	0830	82	(R)																								
	1730	82	(R)																								
DEHRI	0830	107	1017.0	1004.4	-0.7	14.9	13.2	11.8	13.8	81	+ 8	2.1	+0.0	2.5	0	0	29	00	2	3	1	6	9	5	3	2	0
	1730	107	1013.3	1000.9	-0.4	20.0	15.1	11.1	13.2	58	+ 8	3.1	+1.0	3.4	0	0	31	02	4	3	0	1	1	15	5	0	0
GAYA	0230	116	1015.7	1001.9	..	12.5	11.7	11.0	13.1	90	..	2.7	..	4.8	0	0	22	01	1	3	4	3	6	3	1	9	0
	0530	116	1015.8	1001.9	..	11.1	10.7	10.3	12.5	95	..	2.3	..	4.5	0	0	25	01	2	4	8	3	5	2	0	6	0
	0830	116	1017.6	1003.8	-0.4	14.1	12.7	11.5	13.6	85	+16	2.9	+0.7	6.4	0	1	26	01	0	1	5	12	6	0	2	4	0
	1130	116	1017.1	1003.5	..	19.7	15.2	11.6	13.7	60	..	2.5	..	9.9	0	1	30	01	4	1	1	1	11	10	2	0	0
	1430	116	1014.4	1000.9	..	21.4	16.0	11.8	13.8	55	..	3.0	..	11.9	0	3	27	03	2	0	0	1	8	11	5	1	0
	1730	116	1014.3	1000.8	-0.1	19.0	15.2	12.2	14.2	65	+18	2.7	+0.7	7.4	0	1	30	04	2	2	0	2	2	11	8	0	0
	2030	116	1015.7	1002.0	..	15.7	13.7	12.1	14.1	79	..	2.1	..	5.2	0	0	23	03	2	2	1	3	3	4	5	8	0
	2330	116	1016.2	1002.4	..	13.6	12.5	11.5	13.6	86	..	2.4	..	4.8	0	1	23	02	1	2	2	5	7	3	2	7	0
UTTAR PRADESH EAST																											
KHERI	0830	147	1016.5	998.5	-1.5	10.7	9.8	9.0	11.5	89	+ 6	2.4	+0.4	4.1	0	0	29	00	0	5	0	0	0	24	0	2	0
	1730	147	1013.3	996.1	-1.2	18.8	14.2	10.2	12.4	58	- 5	2.3	+0.1	3.1	0	0	27	00	0	6	1	0	0	20	0	4	0
BAHRAICH	0830	124	1016.7	1001.8	-0.7	11.8	10.6	9.4	11.8	86	+ 4	2.0	-1.2	3.2	0	0	22	01	1	2	2	0	4	7	5	9	0
	1730	124	1013.7	999.2	-0.7	18.5	14.4	10.6	12.8	62	+ 5	3.1	+0.8	3.4	0	0	20	00	1	2	5	0	2	9	1	11	0
NAUTANWA	0830	99	1016.8	1004.9	-1.0	12.0	11.2	10.4	12.6	91	+ 0	1.0	-1.1	1.7	0	0	22	03	1	6	1	5	2	1	3	9	0
	1730	99	1014.2	1002.4	-0.6	18.4	14.7	11.7	13.7	68	+ 6	1.4	-0.5	2.3	0	0	21	03	2	5	2	0	6	3	0	10	0
HARDOI	0830	142	1017.1	1000.1	-0.3	11.8	10.4	9.1	11.5	84	- 2	1.4	-0.9	2.3	0	0	26	04	0	5	0	0	0	17	0	5	0
	1730	142	1014.2	994.3	-3.4	17.5	13.9	10.5	12.7	64	+ 7	2.0	+0.0	2.2	0	0	25	00	0	4	1	0	1	18	1	6	0
GONDA	0830	110	1017.4	1004.3	-0.4	13.2	11.8	10.6	12.8	85	+ 1	1.8	-0.2	3.3	0	0	26	01	0	4	0	0	0	5	16	5	0
	1730	110	1014.0	1001.2	-0.8	18.2	14.7	11.8	13.8	67	+ 6	2.0	-0.2	1.4	0	0	13	01	0	3	0	0	0	6	3	18	0
LUCKNOW	0830	111	1016.6	1003.3	-1.2	11.8	10.5	9.1	11.5	84	+ 2	2.0	+0.0	1.1	0	0	8	00	0	3	0	0	0	5	0	23	0
	1730	111	1014.4	1001.4	-0.1	19.1	14.6	10.6	12.8	59	+ 4	2.7	+0.7	0.8	0	0	9	00	0	3	0	0	0	5	0	22	1
LUCKNOW (AMOUSI)	0230	128	1015.3	1000.0	..	10.1	9.3	8.2	10.9	98	..	1.5	..	6.7	0	0	24	01	1	4	1	0	1	8	8	7	0
	0530	128	1015.0	999.5	..	9.3	8.6	7.9	10.7	92	..	1.4	..	7.0	0	0	26	05	2	2	1	0	0	8	8	5	0
	0830	128	1016.9	1001.8	-0.7	11.2	10.2	9.2	11.6	87	+ 2	2.1	-0.3	7.5	0	0	24	02	2	3	1	0	1	9	6	7	0
	1130	128	1016.8	1001.9	..	11.7	13.5	9.5	11.9	60	..	2.1	..	10.3	0	3	25	04	1	2	2	4	0	7	8	3	0
	1430	128	1014.2	999.4	..	19.8	13.9	8.2	10.9	47	..	2.8	..	1.3	0	7	23	02	2	2	1	3	0	10	10	1	0
	1730	128	1014.2	999.2	-0.6	17.6	13.5	9.7	12.0	61	+ 2	3.0	+0.7	7.6	0	1	28	01	2	1	3	1	1	13	7	2	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1968 (PAUSA 11 - MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of mean standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
UTTAR PRADESH EAST (CONTD.)																											
LUCKNOW (AMAUSI)	2030	128	1015.8	1000.6	..	13.1	11.4	9.8	12.1	86	..	1.9	..	8.3	0	2	28	01	0	5	1	0	5	14	4	1	0
	2330	128	1015.9	1000.1	..	11.2	9.7	9.1	11.5	86	..	1.9	..	9.0	0	0	27	02	2	4	0	1	2	13	3	4	0
FAIZABAD	0830	102	1017.0	1004.8	-1.0	11.7	10.9	10.2	12.4	91	+ 6	2.4	-0.1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730	102	1014.1	1002.1	-1.0	17.6	14.5	12.0	14.0	70	+ 7	2.6	+0.6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
GORAKHPUR	0830	77	1016.9	1007.1	..	13.3	11.7	10.2	12.4	82	..	2.3	..	6.6	0	0	28	02	1	6	6	1	4	13	1	3	0
	1730	77	1013.9	1005.1	..	19.2	15.3	11.6	13.7	64	..	2.4	..	5.7	0	0	24	01	0	4	0	1	12	6	0	7	0
GORKHPUR P.B.O	0230	78	1014.9	1005.9	..	13.7	12.2	11.2	13.3	85	..	1.6	..	1.6	0	0	17	03	0	1	0	0	3	6	4	14	0
	0530	78	1014.6	1005.2	..	13.0	11.6	10.6	12.8	80	..	1.5	..	2.6	0	0	21	03	0	2	1	1	5	8	1	10	0
	1130	78	1016.3	1007.0	..	18.4	14.6	11.9	13.9	66	..	2.5	..	5.9	0	0	31	01	0	3	6	5	4	8	4	0	0
	1430	78	1013.9	1004.8	..	20.2	14.9	11.3	13.4	57	..	2.9	..	6.3	0	0	31	00	3	2	5	3	7	7	4	0	0
	2030	78	1015.3	1005.8	..	15.9	13.9	12.3	14.3	78	..	2.5	..	2.5	0	0	21	01	2	2	1	1	5	5	4	10	0
	2330	78	1015.4	1006.1	..	14.8	13.0	11.6	13.7	82	..	2.3	..	2.5	0	0	18	04	3	1	1	0	3	4	2	13	0
KANPUR	0830	126	1016.7	1001.5	-1.3	11.5	10.6	9.7	12.0	89	+ 9	2.5	+0.4	4.7	0	0	23	04	0	4	1	0	0	13	1	8	0
	1730	126	1013.7	998.9	-1.3	17.9	15.9	14.3	16.3	80	+29	1.8	-0.2	0.7	0	0	25	02	0	4	0	0	0	17	2	6	0
KANPUR (AERODROME)	0530	126	1015.4	1000.3	..	9.7	8.9	5.0	8.7	88	..	1.7	..	4.0	0	0	14	01	0	3	1	0	0	8	1	17	0
	0830	126	1017.2	1002.1	..	11.1	10.2	9.2	11.6	88	..	2.0	..	7.6	0	0	21	02	0	3	1	1	3	6	4	10	1
	1130	126	1017.2	1002.4	..	17.6	13.5	9.8	12.1	62	..	2.7	..	11.0	0	0	23	02	2	3	1	2	1	9	4	7	0
	1730	126	1014.3	999.6	..	17.7	13.9	10.3	12.5	64	..	2.6	..	9.4	0	0	28	02	1	4	1	1	2	14	3	3	0
	2330	126	1016.2	1001.2	..	12.2	11.0	9.7	12.0	86	..	1.4	..	5.0	0	0	19	00	0	3	1	1	1	10	3	12	0
SULTANPUR	0830	97	1017.9	1006.1	-1.1	12.4	11.1	9.7	12.0	83	+ 9	2.3	+0.5	1.5	0	0	16	00	1	3	2	0	3	4	3	15	0
	1730	97	1014.1	1000.9	-2.8	19.9	15.5	12.1	14.1	63	+11	2.0	+0.1	1.9	0	0	19	00	0	4	0	0	2	10	3	12	0
AZAMGARH	0830	78	1017.1	1007.8	-0.1	12.3	11.4	10.7	12.9	90	+ 4	2.0	+0.3	3.7	0	0	24	00	2	4	1	1	11	5	0	7	0
	1730	78	1014.2	1005.0	-0.1	18.4	13.0	12.9	14.9	70	+ 2	1.7	+0.4	5.2	0	0	13	01	0	2	0	0	0	8	2	18	0
FATEHPUR	0830	114	(R)																								
	1730	114	(R)																								
BALLIA	0830	64	1017.4	1010.4	-0.1	14.2	12.8	11.7	13.7	85	+ 4	2.4	+0.3	1.3	0	0	18	00	2	3	0	0	1	12	0	13	0
	1730	64	1014.6	1007.6	-0.1	16.1	19.7	12.0	14.0	67	+11	2.1	+0.0	0.4	0	0	6	00	0	3	0	0	0	3	0	25	0
BANDA	0830	121	1018.1	1003.9	+0.2	12.5	11.1	9.5	11.9	83	+ 7	2.7	+0.4	1.0	0	0	16	00	1	0	5	0	4	0	6	15	0
	1730	121	1014.5	1000.3	-0.3	19.2	15.4	12.7	14.2	66	+ 9	2.1	+0.6	1.9	0	0	10	00	3	0	1	0	4	0	2	21	0
ALLAHABAD (BAMHRAULI)	0230	98	1015.5	1003.8	..	11.6	10.9	10.2	12.4	91	..	2.0	..	1.9	0	0	17	00	3	3	1	0	3	6	1	14	0
	0530	98	1015.4	1003.7	..	10.5	9.8	9.2	11.6	92	..	2.0	..	2.0	0	0	18	00	2	4	0	3	3	6	0	13	0
	0830	98	1017.3	1005.6	-0.6	12.1	11.2	10.3	12.5	89	+10	2.7	+0.3	3.0	0	0	25	00	1	3	3	1	7	9	1	6	0
	1130	98	1017.3	1005.8	..	18.8	14.6	10.9	13.0	62	..	2.7	..	5.7	0	0	30	00	1	2	5	0	4	12	6	1	0
	1430	98	1014.5	1003.2	..	21.1	15.4	10.4	12.6	53	..	3.0	..	6.8	0	0	30	00	3	2	0	2	2	13	8	1	0
	1730	98	1014.3	1002.9	-0.4	19.2	15.5	12.4	14.4	66	+13	2.1	-0.3	1.8	0	0	18	03	4	0	1	0	1	7	2	13	0
	2030	98	1015.8	1004.2	..	14.6	13.0	11.4	13.5	82	..	1.8	..	2.4	0	0	17	00	6	1	0	0	2	6	2	14	0
	2330	98	1016.2	1004.5	..	12.7	11.6	10.5	12.7	87	..	1.8	..	2.0	0	0	16	00	1	4	0	0	0	9	2	15	0
VARANASI (BABATPUR)	0530	85	1015.3	1005.1	..	10.4	10.0	9.5	11.9	94	..	1.6	..	4.7	0	1	13	00	0	4	0	0	3	6	0	17	1
	0830	85	1017.5	1007.2	-0.9	12.8	11.6	10.5	12.7	86	+ 9	3.0	+0.7	8.2	0	0	30	00	2	3	2	2	12	7	1	1	1
	1130	85	1017.2	1007.1	..	18.9	14.5	10.6	12.8	60	..	2.3	..	10.4	0	0	31	01	0	2	2	2	1	15	6	0	2
	1730	85	1014.4	1004.3	-0.8	18.4	14.3	10.7	12.9	62	+ 5	2.4	+0.3	7.3	0	0	25	00	0	4	0	0	3	8	5	6	5
	2330	85	1016.2	1005.8	..	12.5	11.3	10.2	12.4	86	..	2.1	..	3.4	0	0	12	00	0	3	0	0	1	7	1	19	0
VARANASI	0830	76	1017.2	1008.1	-0.5	14.0	12.3	10.8	13.0	82	+ 2	3.1	+1.0	2.0	0	0	26	00	1	1	1	0	2	18	3	5	0
	1730	76	1013.8	1005.0	-0.7	19.8	15.6	12.0	14.0	62	+11	2.8	+0.6	2.1	0	0	24	00	2	1	0	0	1	17	3	7	0
UTTAR PRADESH WEST																											
MUKHIM	0830		..	..	..	5.2	2.0	- 2.8	4.8	59	+ 3	2.8	..	0.7	0	0	3	00	0	0	0	0	0	3	0	28	0
	1730		..	..	..	6.7	3.4	- 0.8	5.7	60	+ 1	3.5	..	0.8	0	0	6	00	0	0	0	0	0	3	3	25	0
TEHRI	0830		..	..	..	6.0	5.6	5.0	8.7	93	+ 2	4.0	+0.6	0.7	0	0	4	00	0	0	3	0	0	1	0	27	0
	1130		..	..	..	12.0	8.7	5.2	8.8	64	..	3.9	..	0.2	0	0	14	03	2	0	4	3	1	1	0	17	0
	1730		..	..	..	14.4	9.8	5.2	8.8	55	- 3	4.3	+1.2	2.7	0	0	12	00	0	1	4	4	2	0	1	19	0
DEHRA DUN	0530	682	1016.7	936.6	..	7.6	6.8	6.1	9.4	90	..	3.1	..	0.1	0	0	1	00	0	0	0	0	0	1	0	30	0
	0830	682	1017.5	937.6	-1.1	8.2	7.2	6.1	9.4	87	+ 9	3.3	+0.2	0.4	0	0	4	04	0	0	0	0	0	0	0	27	0
	1130	682	1016.7	938.7	..	15.0	11.1	7.6	10.4	62	..	3.9	..	0.5	0	0	4	01	0	0	1	0	1	0	1	27	0
	1730	682	1013.5	935.9	-1.3	15.6	11.8	8.5	11.1	63	+ 4	4.0	+0.5	0.8	0	0	11	00	0	0	1	0	5	3	2	20	0
	2330	682	1017.2	937.6	..	9.2	8.3	7.3	10.2	88	..	2.7	..	0.6	0	0	5	01	0	0	0	1	0	1	2	26	0
MANSIARI	0830		..	..	..	..	..	..	..	..	..	4.4	..	0.3	0	0	22	01	6	4	4	0	2	0	2	9	3
	1730		..	..	..	..	..	..	..	..	..	5.6	..	2.4	0	0	17	00	6	0	4	0	6	1	0	14	0
ROORKEE	0830	274	1018.2	985.3	+0.2	9.5	8.4	7.2	10.1	86	+ 2	8.9	+5.8	0.4	0	0	6	01	1	0	1	0	1	1	1	25	0
	1730	274	1015.6	983.7	+0.7	16.9	12.6	8.3	10.9	57	+ 3	3.1	-0.2	1.4	0	0	21	01	0	1	2	1	1	3	12	10	0
NAJIBABAD	0830	270	1017.7	985.3	-0.5	8.9	8.3	7.7	10.5	92	+ 3	3.5	+1.2	2.7	0	0	16	04	2	2	3	1	0	1	3	15	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JANUARY 1968 (PAUSA 11 – MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations													
			At mean sea level or lt. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction										
															42 or more	20 to 41	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
UTTAR PRADESH WEST (CONTD.)																												
NAJIBABAD	1730	270	1015.1	983.6	-1.0	16.5	12.9	9.6	11.9	64	+ 5	2.4	+0.4	3.0	0	0	27	08	0	1	3	3	1	2	9	4	0
MEERUT	0830	222	1018.2	991.7	-0.2	9.7	8.8	7.9	10.7	88	+10	0.8	-1.2	3.4	0	0	20	01	0	4	1	1	0	5	8	11	0
BAREILLY	0830	173	1017.4	996.6	-0.3	11.0	9.9	9.0	11.5	88	+ 7	3.1	+0.4	5.5	0	0	29	02	1	2	0	1	3	13	7	2	0
	1730	173	1013.8	993.6	-0.8	17.1	13.6	10.6	12.8	67	+13	3.0	+0.1	3.1	0	0	27	01	0	2	0	2	8	14	0	4	0
BAREILLY P.B.O.	0230	172	1015.5	994.9	..	11.3	10.2	8.9	11.4	84	..	2.0	..	5.0	0	0	25	03	3	2	0	0	1	8	8	6	0
	0530	172	1015.0	994.3	..	10.9	9.6	8.5	11.1	85	..	1.8	..	3.9	0	0	20	02	0	4	0	0	0	6	8	11	0
	1130	172	1017.1	996.8	..	16.0	12.8	10.7	12.9	71	..	2.9	..	6.4	0	1	27	01	3	1	6	0	0	8	9	3	0
	1430	172	1014.3	994.3	..	18.7	13.7	10.0	12.3	58	..	3.0	..	8.3	0	2	27	01	0	2	4	0	1	9	12	2	0
	2030	172	1015.7	995.3	..	14.3	11.8	9.8	12.1	75	..	1.5	..	3.0	0	0	18	00	2	2	2	0	0	8	4	13	0
	2330	172	1016.0	995.5	..	12.5	10.6	9.0	11.5	80	..	1.7	..	3.7	0	0	21	01	2	1	2	0	0	10	5	10	0
ALIGARH	0830	187	1018.2	995.2	-0.4	9.5	8.7	7.9	10.7	90	+16	2.5	+0.2	2.4	0	0	20	02	1	2	1	2	1	7	4	11	0
	1730	187	1015.4	992.7	-0.6	16.9	13.2	10.1	12.3	66	+19	3.4	+1.1	2.3	0	0	24	01	1	4	1	0	0	13	4	7	0
MAINPURI	0830	157	1017.4	998.5	-0.6	10.5	9.6	8.5	11.1	88	+ 8	2.1	-0.4	0.2	0	0	20	00	1	4	1	0	0	12	2	11	0
	1730	157	1014.6	992.6	-4.0	16.9	13.5	10.4	12.6	67	+14	2.4	+0.0	1.6	0	0	16	00	1	1	2	0	0	11	1	15	0
AGRA	0830	169	1017.8	997.7	-0.5	10.4	9.6	8.7	11.2	89	+16	2.0	-0.3	1.0	0	0	11	00	3	0	0	0	4	0	4	20	0
	1730	169	1015.1	995.3	-0.4	17.0	14.1	11.8	13.8	71	+26	3.6	+1.5	2.5	0	0	15	00	5	0	1	0	2	0	7	16	0
AGRA AERODROME	0230	169	1016.3	996.0	..	10.1	9.3	8.6	11.2	90	..	1.6	..	1.9	0	0	6	00	0	1	5	0	0	0	0	25	0
	0530	169	1016.2	995.4	..	9.2	8.6	7.9	10.7	92	..	1.5	..	3.2	0	0	10	02	0	2	0	2	0	1	3	21	0
	0830	169	1017.9	997.6	..	10.4	9.6	8.7	11.2	90	..	2.5	..	4.9	0	0	21	03	0	2	2	2	2	5	5	10	0
	1130	169	1018.0	998.1	..	16.8	13.2	9.8	12.1	65	..	3.0	..	9.4	0	2	25	04	1	3	3	1	3	2	10	4	0
	1730	169	1015.0	995.2	..	17.1	13.6	10.4	12.6	66	..	2.6	..	7.6	0	1	25	05	2	4	3	1	0	0	11	5	0
	2330	169	1016.7	996.5	..	11.1	10.1	9.0	11.5	88	..	1.8	..	2.1	0	0	7	01	0	1	4	0	0	0	1	24	0
ORAI	0830	141	1018.5	1001.8	+0.1	14.8	12.8	11.0	13.1	78	+ 5	2.1	+0.0	3.5	0	0	30	04	8	0	1	1	1	0	15	1	0
	1730	141	1014.3	997.9	-0.6	18.7	14.8	11.5	13.6	64	+10	1.8	+0.1	3.2	0	0	30	05	8	0	2	0	1	2	12	1	0
JHANSI	0830	251	1017.9	988.2	-0.5	12.7	10.6	8.3	10.9	75	+ 9	1.6	-0.6	1.4	0	0	14	03	0	2	0	0	0	9	0	17	0
	1730	251	1014.4	985.4	-0.2	19.6	15.2	11.6	13.7	61	+22	1.4	-0.6	1.6	0	0	16	05	0	4	0	2	0	5	0	15	0
MORADABAD	0830		..	..	..	10.0	9.3	8.3	10.9	88	..	1.3	..	4.8	0	0	27	00	4	0	5	0	0	0	18	4	0
	1730		..	..	..	16.0	13.0	10.3	12.5	70	..	0.9	..	3.8	0	0	28	00	0	0	7	0	0	2	19	3	0
HARYANA (INCLUDING DELHI AND CHANDIGARH)																												
CHANDIGARH	0830	347	1017.0	975.4	-0.7	10.4	8.8	6.9	10.0	80	+ 2	2.5	+0.4	2.1	0	0	15	00	2	0	0	0	0	0	13	16	0
	1730	347	1014.1	973.4	-1.1	15.7	11.6	7.4	10.3	58	+ 0	3.2	+1.3	2.6	0	0	16	00	1	0	0	0	8	0	7	15	0
AMBALA	0830	272	1017.7	985.1	-0.3	9.5	8.5	7.5	10.4	89	+10	1.8	-0.8	1.5	0	0	20	00	2	0	4	0	0	0	14	11	0
	1730	272	1014.7	983.0	-0.6	16.3	13.1	10.2	12.4	69	+17	1.3	-1.3	2.2	0	0	20	00	3	0	10	0	4	0	3	11	0
AMBALA P.B.O.	0230	278	1016.1	983.0	..	11.1	9.5	8.1	10.8	82	..	2.2	..	3.3	0	0	12	01	3	0	3	0	0	0	5	19	0
	0530	278	1014.9	982.5	..	10.0	8.9	7.3	10.2	84	..	2.3	..	2.5	0	0	9	00	1	0	2	0	0	0	6	22	0
	1130	278	1017.3	984.6	..	15.2	12.1	9.7	12.0	70	..	3.8	..	4.5	0	2	15	00	3	0	3	0	0	0	11	14	0
	1430	278	1014.9	982.5	..	16.9	12.3	8.9	11.4	61	..	4.2	..	8.5	0	0	27	00	2	0	6	0	0	3	16	4	0
	2030	278	1015.9	983.0	..	13.4	11.1	9.2	11.6	76	..	2.3	..	4.0	0	0	16	00	0	0	2	0	0	0	14	15	0
	2330	278	1016.4	983.4	..	11.8	10.2	8.6	11.2	79	..	2.7	..	5.2	0	0	19	00	1	1	2	0	2	0	13	12	0
AMBALA AERODROME	0530	274	1015.8	982.4	..	7.5	7.1	6.7	9.8	95	..	2.5	..	4.3	0	1	11	00	0	3	1	0	0	2	6	19	0
	0830	274	1017.2	984.3	..	8.2	7.7	7.1	10.1	92	..	3.5	..	6.5	0	1	19	00	1	2	2	1	0	5	8	11	1
	1130	274	1017.3	985.1	..	14.7	12.0	9.4	11.8	72	..	4.0	..	13.0	0	3	25	01	1	4	3	1	1	4	13	3	0
	1730	274	1014.5	982.4	..	15.5	12.8	10.3	12.5	72	..	3.9	..	10.1	0	0	27	02	0	0	4	0	2	5	14	4	0
	2330	274	1016.7	983.9	..	9.9	9.1	8.3	10.9	89	..	2.5	..	6.7	0	3	12	00	0	2	1	0	0	5	7	16	0
KARNAL	0830	294	1017.4	987.5	-0.6	11.3	9.9	8.4	11.0	84	- 1	1.7	-1.1	4.1	0	0	27	01	2	7	1	0	0	8	8	4	0
	1730	294	1014.2	985.1	-1.1	16.8	12.7	8.7	11.2	59	+ 8	1.8	-1.4	4.6	0	0	24	00	0	1	2	1	0	12	8	7	0
HISSAR	0530	221	1016.5	989.7	..	7.4	7.2	7.0	10.0	97	..	1.3	..	3.3	0	0	19	04	2	1	2	1	0	6	3	12	0
	0830	221	1018.1	991.3	-0.8	7.3	7.6	6.5	9.7	95	+20	2.8	+0.5	2.9	0	0	25	01	3	0	1	2	5	8	5	6	0
	1130	221	1018.1	992.0	..	15.3	12.4	9.7	12.0	70	..	2.8	..	5.5	0	0	27	03	0	3	4	2	3	7	5	4	0
	1430	221	1015.4	989.7	..	18.3	13.9	10.1	12.4	60	..	3.3	..	8.3	0	1	29	05	1	2	3	0	2	8	9	1	0
	1730	221	1015.1	989.3	-0.7	17.2	13.7	10.8	12.9	66	+22	2.6	+0.4	3.8	0	0	28	06	1	3	2	1	2	5	8	3	0
	2330	221	1017.1	990.5	..	9.7	9.1	8.5	11.1	92	..	1.4	..	4.1	0	1	22	03	3	1	1	0	0	5	10	8	0
NEW DELHI/SAFDARJUNG	0230	216	1016.4	990.5	..	10.4	9.3	8.1	10.8	86	..	2.5	..	3.9	0	0	17	01	0	2	2	0	1	6	5	14	0
	0530	216	1015.9	989.8	..	9.1	8.1	7.0	10.0	87	..	2.2	..	4.8	0	0	24	00	3	2	2	0	1	10	6	7	0
	0830	216	1017.7	991.7	-0.5	9.7	8.6	7.4	10.3	85	+13	2.8	-0.2	4.6	0	0	19	00	1	1	2	0	3	9	3	12	0
	1130	216	1017.8	992.3	..	16.2	12.1	8.1	10.8	59	..	2.6	..	10.8	0	3	26	01	1	2	5	1	1	8	10	2	0
	1430	216	1014.9	989.7	..	18.5	13.0	7.4	10.3	50	..	3.2	..	12.0	0	6	23	00	2	3	2	3	0	6	13	2	0
	1730	216	1014.7	989.4	-0.5	17.2	12.5	8.0	10.7	55	+14	3.3	+0.6	8.5	0	0	28	00	0	4	3	1	0	5	15	3	0
	2030	216	1016.2	990.5	..	13.0	11.0	8.9	11.4	77	..	2.7	..	3.3	0	0	19	01	3	3	1	0	0	3	8	12	0
	2330	216	1016.7	990.8	..	11.3	10.0	8.5	11.1	83	..	2.5	..	3.2	0	0	18	00	1	4	1	0	1	4	7	13	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1968 (PAUSA 11 - MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station direction in metres	Mean pressure in mbs. At mean sea level or in gen. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind speed (Km. p. h.) 62 or more	29 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HARYANA (INCLUDING DELHI AND CHANDIGARH) (CONTD.)																											
PALAM AERODROME	0230	233	1016.7	988.8	..	9.5	8.7	7.8	10.6	89	..	2.2	..	6.9	0	0	21	04	2	2	3	2	2	3	3	10	0
	0530	233	1016.2	988.2	..	8.2	7.6	6.9	9.9	69	..	2.0	..	7.4	0	0	24	03	2	1	5	0	4	5	4	7	0
	0830	233	1017.9	990.0	..	8.6	7.9	7.1	10.1	91	..	2.6	..	7.3	0	1	22	00	0	2	4	2	5	8	2	8	0
	1130	233	1018.1	990.7	..	15.3	11.9	8.5	11.1	64	..	2.6	..	12.6	0	4	24	03	1	1	3	3	2	4	11	3	0
	1430	233	1015.3	988.1	..	17.7	12.7	7.5	10.4	52	..	3.1	..	14.8	0	5	26	08	1	1	3	2	1	4	11	0	0
	1730	233	1014.9	987.4	..	16.5	12.4	8.4	11.0	60	..	3.1	..	11.2	0	1	28	06	2	2	2	3	1	1	12	2	0
	2030	233	1016.5	988.9	..	12.7	10.9	9.0	11.5	79	..	2.3	..	7.0	0	0	21	02	2	3	4	1	1	1	7	10	0
	2330	233	1017.0	989.2	..	10.9	9.7	8.9	11.4	85	..	2.6	..	6.6	0	0	21	04	2	2	4	0	1	2	6	10	0
GURGAON	0830		..	..	..	10.5	8.7	6.7	9.8	78	..	2.2	..	2.6	0	0	19	00	3	0	5	0	2	8	1	12	0
	1730		..	..	..	16.7	11.9	6.7	9.8	54	..	2.8	..	1.5	0	0	17	01	2	2	2	0	0	8	0	14	0
NARNAUL	0830	308	1018.1	981.6	..	11.3	9.8	8.2	10.9	82	..	1.8	..	3.2	0	0	27	00	0	0	12	12	1	0	2	4	0
	1730	308	1016.4	980.6	..	17.7	13.3	8.9	11.4	59	..	1.3	..	4.0	0	0	28	03	0	0	11	7	3	0	4	3	0
ROHTAK	0830		..	..	..	8.6	7.5	7.2	10.2	91	..	2.7	..	8.7	0	1	28	05	1	6	1	0	1	13	2	2	0
	1730		..	..	..	13.5	12.3	7.7	10.5	56	..	1.6	..	8.6	0	1	30	05	0	5	1	0	1	11	8	0	0
PUNJAB																											
PATHANKOT	0530	312	1016.4	979.3	..	7.3	6.8	6.4	9.6	93	..	2.9	..	4.9	0	1	15	01	10	4	0	0	0	0	1	15	0
	0830	312	1017.8	980.0	-0.8	8.1	7.5	7.0	10.0	91	+ 7	4.2	+0.3	4.9	0	1	16	01	9	3	1	1	0	2	0	14	0
	1130	312	1017.9	981.2	..	14.2	10.7	7.9	10.6	67	..	4.5	..	5.3	0	2	15	01	2	0	5	6	1	1	1	14	0
	1730	312	1015.4	978.8	-1.1	14.3	11.8	8.5	11.1	72	+11	4.4	-0.2	9.6	0	0	27	02	3	1	1	3	6	10	1	4	0
	2330	312	1017.4	980.3	..	8.9	8.2	7.0	10.0	89	..	3.0	..	4.6	0	2	10	01	7	3	0	1	0	0	0	19	0
AMRITSAR	0530	234	1016.7	988.3	..	6.7	6.2	5.7	9.1	93	..	3.0	..	8.8	0	1	25	07	0	0	1	0	3	5	10	6	0
	0830	234	1018.1	989.7	-0.5	6.7	6.2	5.6	9.1	93	+ 1	3.7	+0.6	7.9	0	0	28	08	0	2	0	2	1	5	10	3	0
	1130	234	1018.5	990.7	..	13.2	10.6	7.8	10.6	71	..	4.0	..	8.0	0	2	21	04	1	2	1	1	2	3	9	8	0
	1430	234	1016.1	988.6	..	15.9	11.4	6.7	9.8	56	..	4.2	..	11.4	0	5	22	04	2	1	2	3	1	4	10	4	0
	1730	234	1015.9	988.3	-0.2	14.4	11.0	7.6	10.4	64	+ 3	3.8	+0.4	10.3	0	3	25	03	1	1	1	1	0	8	13	3	0
	2030	234	1017.3	989.3	..	10.2	8.9	7.6	10.4	84	..	3.1	..	8.8	0	0	29	04	3	2	0	0	0	7	13	2	0
ADAMPUR AERODROME	0830	249	1018.1	987.9	..	6.3	5.1	3.5	7.9	83	..	3.5	..	6.7	0	1	18	04	1	4	1	0	0	2	7	12	0
	1730	249	1016.0	986.6	..	13.4	10.2	6.3	9.5	62	..	3.9	..	10.9	0	0	28	03	1	2	1	0	1	6	14	3	0
LUDHIANA	0830	247	1018.1	988.4	-0.2	8.5	7.8	7.1	10.1	91	+ 8	3.1	+0.2	1.7	0	0	17	00	1	0	3	0	3	0	10	14	0
	1730	247	1015.3	986.3	-0.6	15.6	12.0	8.6	11.2	65	+12	3.3	+0.3	4.6	0	0	24	00	2	0	2	0	0	0	20	7	0
FEROZEPUR	0830	200	1018.5	994.1	-0.1	6.8	6.5	6.2	9.5	96	+ 7	2.5	+0.0	1.1	0	0	12	01	0	0	0	1	0	0	10	19	0
	1730	200	1016.7	993.0	+0.6	15.2	11.4	7.6	10.4	62	+ 7	2.3	-0.6	2.8	0	0	25	07	1	0	2	0	0	0	15	6	0
HALWARA AERODROME	0530	242	1016.7	987.3	..	5.4	5.1	4.8	8.6	95	..	2.1	..	5.3	0	1	17	03	1	0	0	1	0	2	11	13	0
	0830	242	1017.9	988.5	..	6.5	6.1	5.7	9.1	94	..	2.9	..	6.8	0	0	20	05	1	0	1	1	1	1	10	11	0
	1130	242	1017.9	989.4	..	14.7	11.2	7.5	10.4	62	..	3.2	..	8.4	0	1	30	08	0	1	4	4	0	3	11	0	0
	1730	242	1015.4	986.9	..	14.5	11.1	7.8	10.6	65	..	3.2	..	11.5	0	1	29	04	1	0	0	3	3	2	17	1	0
	2330	242	1017.7	988.5	..	7.5	6.9	6.3	9.5	92	..	2.1	..	6.0	0	0	19	04	1	0	1	1	0	0	12	12	0
PATIALA	0830	251	1017.6	987.5	-0.3	8.7	8.1	7.5	10.4	93	+12	3.5	+0.4	5.7	0	1	16	04	0	0	4	0	0	0	9	14	0
	1730	251	1015.2	986.0	+0.1	16.0	12.0	7.9	10.7	60	+ 5	3.7	+0.6	8.1	0	1	21	00	0	0	4	0	0	0	18	9	0
BHATINDA	0830	211	1017.9	992.4	..	9.7	8.4	7.2	10.1	85	+ 9	1.5	-0.1	1.1	0	0	8	00	0	0	1	0	0	0	7	23	0
	1730	211	1015.5	990.7	..	16.2	12.5	9.9	12.2	68	+14	1.0	+0.0	1.4	0	0	15	00	0	0	0	0	0	0	15	16	0
HIMACHAL PRADESH																											
MANDI	0830	761	1020.2	930.6	-0.3	5.1	4.0	2.7	7.4	85	-10	6.4	+1.5	..	.	..	..	..	..	..	..	..	..	..	..	..	.
	1730	761	1014.4	927.8	-0.2	13.7	9.7	5.7	9.1	58	- 3	4.6	+0.5	..	.	..	..	..	..	..	..	..	..	..	..	..	.
BILASPUR	0830	587	1018.6	949.2	-2.3	7.4	7.0	6.6	9.7	95	- 1	6.2	-0.4	1.5	0	0	23	01	4	1	5	2	6	1	3	8	
	1730	587	1014.9	947.5	-1.2	14.2	12.0	10.2	12.4	77	+19	4.5	+0.2	5.2	0	1	26	02	5	1	5	5	7	0	2	4	0
JAMMU AND KASHMIR																											
MISGAR	0830		(R)																								
	1730		(R)																								
GILGIT	0830		(R)																								
	1730		(R)																								
SKARDU	0830		(R)																								
	1730		(R)																								
LEH	0530	3514	3097.4	662.8	..	-16.2	-17.5	-24.2	0.7	51	..	4.8	..	3.5	0	0	17	05	11	0	0	1	0	0	0	14	
	0830	3514	3100.4	664.0	-1.0	-10.4	-12.0	-16.8	1.4	60	- 1	5.1	-0.1	1.9	0	0	12	05	4	0	0	3	0	0	0	19	
	1730	3514	3062.8	661.2	-2.7	- 7.5	- 9.5	-14.5	1.7	58	+ 7	5.0	+0.5	3.3	0	0	19	02	3	0	1	11	1	1	0	12	
SRINAGAR	0230	1587	1536.1	844.9	..	- 3.1	- 3.3	- 3.8	4.5	95	..	7.6	..	2.5	0	0	24	00	0	0	20	0	0	0	4	7	
	0530	1587	1534.1	844.6	..	- 3.4	- 3.7	- 4.0	4.4	95	..	7.7	..	2.4	0	0	22	00	1	0	16	0	0	2	3	9	
	0830	1587	1539.5	845.1	-0.6	- 3.7	- 3.9	- 4.3	4.3	95	+ 7	8.0	+0.9	2.1	0	0	21	01	0	0	17	0	0	0	3	10	
	1130	1587	1546.2	845.9	..	- 1.5	- 2.0	- 2.9	4.8	91	..	7.8	..	2.8	0	0	25	00	1	0	21	0	0	0	3	6	

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1968 (PAUSA 11 - MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gen. of normal standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations Wind speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
JAMMU AND KASHMIR (CONTD.)																											
SRINAGAR	1430	1587	1527.9	843.9	..	- 0.3	- 1.1	- 2.2	5.1	88	..	7.2	..	3.4	0	0	27	00	0	0	23	0	0	0	4	4	0
	1730	1587	1524.1	843.5	-0.7	- 1.3	- 1.8	- 2.6	4.9	91	+13	6.6	+0.5	1.2	0	0	26	01	0	1	20	0	1	0	3	5	0
	2030	1587	1532.0	844.3	..	- 2.5	- 2.9	- 3.5	4.4	93	..	7.4	..	2.3	0	0	21	00	0	0	19	0	0	0	2	10	0
	2330	1587	1535.6	844.7	..	- 3.0	- 3.2	- 3.6	4.5	94	..	7.7	..	2.1	0	0	20	01	0	0	14	0	0	0	5	11	0
SRINAGAR AERODROME	0530	1666	1485.6	836.2	..	- 4.5	- 5.0	- 5.5	3.8	91	..	7.0	..	1.6	0	0	5	01	0	0	0	2	1	1	0	26	0
	0830	1666	1544.7	837.4	..	- 4.7	- 4.8	- 5.3	8.9	95	..	7.0	..	3.7	0	0	12	00	0	2	4	4	1	1	0	19	0
	1130	1666	1551.6	837.9	..	- 2.4	- 2.9	- 3.8	4.5	90	..	7.9	..	4.6	0	0	14	02	1	2	4	4	1	0	0	17	0
	1730	1666	1529.8	835.6	..	- 2.9	- 3.3	- 3.9	4.7	92	..	5.0	..	3.4	0	0	11	01	0	2	4	0	0	1	3	20	0
	2330	1666	1517.2	852.0	..	- 4.6	- 4.9	- 5.5	3.9	90	..	7.0	..	2.0	0	0	6	01	0	0	1	2	0	2	0	25	0
GULMARG	0830		SEASONAL OBSERVATORY																								
	1730																										
QAZIGUND	0830		(R)																								
	1730		(R)																								
RANIHAL	0830		(R)																								
	1730		(R)																								
JAMMU	0830	366	1016.4	972.6	..	8.9	7.7	6.4	9.6	85	..	5.1	..	7.4	0	0	29	02	25	0	0	1	0	0	1	2	0
	1730	366	1015.1	972.5	..	15.6	11.7	8.0	10.7	63	..	5.0	..	2.5	0	0	11	01	9	0	0	0	0	0	1	20	0
JAMMUAERODROME	0530	292	1016.9	981.6	..	8.1	7.0	5.5	9.0	84	..	3.2	..	4.1	0	0	11	01	8	1	1	0	0	0	0	20	0
	0830	292	1018.6	982.7	..	8.2	7.1	5.6	9.2	84	..	4.1	..	5.0	0	1	16	01	15	0	0	1	0	0	0	14	0
	1130	292	1018.2	983.5	..	13.8	10.2	6.2	9.5	62	..	4.4	..	0.4	0	1	14	03	5	0	2	0	2	1	2	16	0
	1730	292	1015.9	981.5	..	14.4	10.7	6.5	9.7	62	..	4.6	..	6.0	0	2	17	01	2	0	3	4	3	5	1	12	0
	2330	292	1017.5	982.6	..	9.2	8.1	6.9	9.9	86	..	2.6	..	4.0	0	0	14	01	11	2	0	0	0	0	0	17	0
GULMARG (RESEARCH INSTITUTE)	0830		..	..	..	- 8.7	..	..	..	..	..	5.3	..	3.4	0	0	31	00	0	6	1	0	24	0	0	0	0
	1130		..	..	..	- 4.6	..	..	..	..	..	6.7	..	3.5	0	0	31	01	0	12	2	2	0	14	0	0	0
	1730		..	..	..	- 5.6	..	..	..	..	..	5.0	..	3.2	0	0	31	00	0	11	4	1	1	14	0	0	0
RAJASTHAN, WEST																											
GANGANAGAR	0530	177	1016.6	995.1	..	7.6	6.7	5.5	9.1	87	..	1.3	..	0.3	0	0	3	00	3	0	0	0	0	0	0	28	0
	0830	177	1018.1	996.5	-0.6	6.8	6.0	5.1	8.8	89	+ 9	3.4	+0.9	0.5	0	0	4	00	1	0	2	0	1	0	0	27	0
	1130	177	1018.4	997.5	..	14.7	11.2	7.7	10.5	64	..	2.8	..	2.8	0	0	23	03	5	1	2	0	5	5	2	8	0
	1730	177	1015.4	998.8	+3.6	16.7	11.6	6.3	9.5	52	+ 7	2.3	-0.2	0.8	0	0	9	04	1	0	0	0	0	4	0	22	0
	2330	177	1017.5	996.3	..	9.5	8.0	6.3	9.5	81	..	1.1	..	0.7	0	0	3	01	1	0	1	0	0	0	0	28	0
ANUPGARH	0830	154	1018.5	999.7	..	7.9	7.4	6.9	10.1	94	..	1.4	..	4.7	0	2	14	01	6	5	1	3	0	0	0	14	0
	1730	154	1015.6	997.6	..	18.6	..	..	..	..	..	0.9	..	8.8	0	2	25	18	3	2	0	2	0	0	0	3	0
MAHAJAN	0830	187	1016.9	994.5	..	10.6	8.4	5.9	9.3	73	..	0.2	..	2.3	0	0	30	11	4	7	3	3	0	2	0	1	0
	1730	187	1014.3	992.5	..	17.7	11.8	5.6	9.1	46	..	0.1	..	4.4	0	0	30	13	5	2	3	0	1	1	5	1	0
CHURU	0830	291	1018.7	983.5	-0.5	7.5	6.5	5.1	8.8	85	+ 9	2.8	-0.1	1.9	0	0	12	01	2	2	1	2	0	2	2	19	0
	1730	291	1014.8	981.1	-0.5	18.5	12.2	5.4	9.0	54	+16	2.3	-0.1	5.9	0	1	22	15	2	1	0	1	1	0	3	8	0
BIKANER	0830	224	1018.2	991.2	-0.3	8.2	6.6	4.3	8.3	78	+14	2.8	+1.0	2.1	0	0	14	03	4	1	1	3	2	0	0	17	0
	1730	224	1014.7	988.6	-0.4	18.7	11.6	3.1	7.6	37	+ 3	1.9	+0.3	4.3	0	0	22	07	8	0	0	0	3	1	3	9	0
BIKANER P.B.O	0530	224	1016.5	989.4	..	7.0	5.6	3.4	7.8	79	..	1.9	..	1.1	0	0	7	01	5	0	0	0	1	0	0	24	0
	1130	224	1018.0	991.6	..	16.8	11.1	4.9	8.2	46	..	1.4	..	3.2	0	0	22	01	8	2	7	1	1	1	1	9	0
	1430	224	1015.0	989.1	..	20.0	11.9	2.7	7.0	33	..	1.6	..	4.5	0	0	28	07	10	0	1	1	1	3	5	3	0
	2030	224	1016.4	989.9	..	13.5	9.2	4.1	8.2	54	..	1.6	..	2.2	0	0	14	07	6	0	0	0	0	0	1	17	0
	2330	224	1017.1	990.3	..	10.8	7.8	3.7	7.9	64	..	1.7	..	2.5	0	0	15	03	9	0	0	1	0	1	1	16	0
NAGAUR	0830	298	1018.1	982.8	-0.6	10.7	8.5	5.7	9.2	71	+17	1.6	+0.1	4.1	0	0	21	05	7	4	2	1	0	1	1	10	0
	1730	298	1014.3	979.9	-0.4	19.5	12.6	5.1	8.8	41	+ 6	2.6	+1.2	6.6	0	0	31	11	8	3	0	0	1	1	7	0	0
PHALODI	0830	234	1017.7	989.5	-0.6	8.8	6.3	2.4	7.3	68	+ 6	1.5	-0.5	4.1	0	0	22	07	2	2	6	3	0	0	2	9	0
	1730	234	1015.1	988.1	-0.4	20.6	12.5	2.6	7.4	33	- 3	1.9	-0.3	10.5	0	2	27	14	8	1	1	0	1	3	1	2	0
JAISALMER	0830	242	1017.4	988.4	-0.4	9.3	7.7	5.5	9.0	78	+14	1.3	+0.0	5.0	0	0	24	07	6	3	1	3	1	1	2	7	0
	1730	242	1013.6	985.9	-0.7	20.9	14.8	9.2	11.6	48	+ 7	1.3	-0.3	11.9	0	5	25	09	8	3	0	1	1	3	5	1	0
JODHPUR	0230	224	1015.7	989.0	..	12.3	8.6	3.9	8.1	57	..	1.4	..	13.3	0	3	28	06	23	0	0	0	1	0	1	0	0
	0530	224	1015.6	988.7	..	10.7	7.8	4.0	8.1	64	..	1.3	..	12.4	0	1	30	04	25	0	0	0	0	1	1	0	0
	0830	224	1017.4	990.5	-0.7	10.5	7.7	3.7	8.0	65	+15	1.9	-0.1	11.2	0	0	30	04	25	0	0	0	0	1	0	1	0
	1130	224	1017.1	991.1	..	19.8	12.4	3.7	8.0	36	..	1.3	..	11.4	0	2	29	00	10	11	5	2	1	0	2	0	0
	1430	224	1014.0	988.3	..	23.5	13.1	0.3	6.2	23	..	2.3	..	12.4	0	1	30	04	6	8	2	0	2	4	4	0	1
	1730	224	1013.5	987.8	-0.6	22.5	13.0	1.9	7.0	27	+ 0	2.1	-0.1	11.3	0	3	27	06	9	5	0	0	2	5	2	1	1
	2030	224	1015.5	989.3	..	16.9	10.7	3.0	7.4	41	..	1.7	..	10.3	0	0	30	09	13	1	0	0	1	1	5	1	0
	2330	224	1016.0	989.5	..	14.5	9.3	2.6	7.4	47	..	1.3	..	14.2	0	3	28	07	19	2	0	0	0	2	1	0	0
BARMER	0530	194	1015.2	992.0	..	11.4	7.8	3.0	7.6	57	..	0.7	..	4.5	0	0	25	04	1	0	0	0	1	0	19	6	0
	0830	194	1016.8	993.5	-0.8	10.8	7.4	4.1	8.2	59	+ 6	1.4	-0.4	3.0	0	0	21	04	1	0	0	0	0	0	16	10	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JANUARY, 1968 (PAUSA 11 - MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station direction in metres	Mean pressure in mb.			Mean temperature in °C			Vapour pressure in mb.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
															Wind Speed (Km. p. h.)			Wind direction									
			At mean sea level or lic. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		45 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
RAJASTHAN WEST (CONTD)																											
BARMER	1130	194	1017.1	994.4	..	18.3	12.2	5.2	8.8	44	..	0.7	..	3.7	0	0	24	09	7	2	1	0	0	0	5	7	0
	1730	194	1013.2	991.0	-0.7	22.8	14.3	6.6	9.7	34	+ 3	1.8	+0.0	4.0	0	0	22	04	6	0	0	0	1	2	4	9	0
	2330	194	1015.6	992.7	..	15.0	10.5	5.0	8.7	52	..	1.2	..	4.0	0	0	23	03	2	0	0	0	1	2	15	8	0
JAWAI BANDH	0830	295	1016.6	981.5	-1.4	10.4	9.1	6.6	9.7	78	+ 4	1.6	-0.8	0.8	0	0	10	02	0	1	2	0	2	1	2	21	0
	1730	295	1012.7	979.0	-1.2	20.9	10.9	8.4	11.0	46	+ 4	2.3	+0.2	2.1	0	0	22	05	5	0	1	1	4	4	2	9	0
RAJASTHAN, EAST																											
PILANI	0830	301	1018.9	982.6	-1.2	7.6	6.2	4.4	8.4	81	+20	2.8	+1.7	5.7	0	0	31	03	2	2	5	5	8	5	1	0	0
	1730	301	1015.3	980.4	-0.8	18.4	11.3	2.6	7.4	37	+ 2	3.0	+1.8	8.3	0	0	30	10	4	2	2	0	1	3	8	1	0
SIKAR	0830	433	1017.9	968.5	+1.1	9.2	7.7	5.4	9.0	76	+ 1	1.0	-1.1	1.0	0	0	4	00	0	0	3	0	0	1	0	27	0
	1730	433	1013.4	963.9	-1.5	18.7	10.8	6.0	9.4	33	-17	1.7	-0.8	1.2	0	0	20	00	0	0	0	0	0	12	8	11	0
ALWAR	0830	271	1017.4	985.0	-0.6	9.7	8.9	8.1	10.8	89	+ 5	1.3	-0.9	0.2	0	0	3	00	0	0	1	0	0	0	2	28	0
	1730	271	1014.0	982.5	-1.0	17.6	12.9	8.4	11.0	56	+ 7	0.8	-1.5	1.3	0	0	17	07	1	2	0	2	1	0	4	14	0
JAIPUR (SANGANER)	0230	390	1016.0	969.8	..	10.3	8.1	5.3	8.9	72	..	1.6	..	4.9	0	1	24	07	9	8	0	0	0	1	0	6	0
	0530	390	1015.8	969.5	..	9.2	7.4	5.0	8.7	78	..	1.9	..	4.8	0	1	20	06	3	11	0	0	1	0	0	10	0
	0830	390	1017.3	971.2	-1.0	10.6	8.4	5.7	9.1	73	+13	2.7	+0.6	1.2	0	1	13	02	2	8	2	0	0	0	0	17	0
	1130	390	1016.8	971.7	..	17.5	11.6	4.7	8.5	45	..	2.6	..	6.8	0	1	25	02	1	9	7	1	2	1	3	5	0
	1430	390	1013.7	969.1	..	19.8	12.1	3.3	7.7	35	..	2.7	..	8.3	0	0	31	03	1	4	5	3	4	3	8	0	0
	1730	390	1013.6	968.8	-1.0	18.5	11.8	3.9	8.7	40	+ 5	2.5	+0.1	5.2	0	1	20	03	0	3	3	2	0	3	7	10	0
	2030	390	1015.8	970.1	..	13.3	9.6	5.2	8.8	59	..	1.7	..	5.1	0	1	22	05	4	10	0	0	1	1	2	8	0
	2330	390	1016.3	970.3	..	11.6	8.6	4.9	8.7	65	..	2.0	..	5.6	0	0	25	04	6	12	1	0	0	0	2	6	0
DHOLPUR	0830	176	1017.2	995.7	-1.2	10.8	9.7	8.7	11.2	87	+ 6	1.6	-1.0	1.2	0	0	8	00	1	2	0	0	0	3	2	23	0
	1730	176	1014.3	993.7	-0.3	17.8	13.3	9.0	11.5	58	- 1	1.5	-0.9	1.1	0	0	10	03	1	2	0	0	0	3	1	21	0
AJMER	0830	486	1018.1	960.7	-0.9	9.2	7.7	6.0	9.3	81	+16	2.0	-0.1	2.2	0	0	15	02	4	0	2	0	2	1	4	16	0
	1730	486	1013.4	958.1	-0.9	19.2	12.0	4.5	8.2	40	+ 4	1.6	-0.5	7.2	0	2	22	03	2	3	1	1	4	5	5	7	0
TONK	0830	272	1017.0	984.5	-0.8	10.4	8.9	7.2	10.1	81	+ 8	2.3	+1.1	7.5	0	0	31	01	3	2	2	1	3	12	7	0	0
	1730	272	1013.0	981.6	-0.5	19.0	13.5	8.4	11.0	51	+10	1.5	+0.0	6.2	0	0	31	04	8	0	0	1	2	10	6	0	0
BHILWARA	0830	425	1017.8	967.5	..	10.0	7.8	5.1	8.8	72	..	1.8	..	2.6	0	0	20	05	6	2	0	1	1	1	4	11	0
	1730	425	1013.0	964.8	..	20.7	12.6	3.1	7.6	34	..	2.3	..	6.1	0	0	30	03	14	2	1	0	6	1	3	1	0
KOTA	0830	257	1017.2	986.4	-1.3	11.9	10.2	8.2	10.9	79	+15	2.2	+0.1	2.9	0	0	23	04	2	1	5	0	3	3	5	8	0
	1730	257	1013.4	983.7	-0.8	20.7	14.3	8.0	10.7	46	+12	1.7	-0.4	2.8	0	0	24	09	10	3	0	0	1	0	1	7	0
KOTA AERODROME	0530	274	1015.7	983.1	..	11.5	8.9	5.5	9.0	68	..	1.2	..	3.4	0	0	18	01	2	5	0	1	2	6	1	13	0
	0830	274	1017.6	985.1	..	12.7	9.6	6.0	9.3	66	..	0.6	..	3.2	0	0	18	02	1	3	3	1	1	4	3	13	0
	1130	274	1017.4	985.6	..	18.5	12.6	6.0	9.3	47	..	1.7	..	7.7	0	0	29	06	0	17	3	0	0	0	3	2	0
	1730	274	1013.5	982.1	..	21.0	13.4	4.0	8.1	36	..	1.3	..	9.2	0	1	30	04	9	14	1	0	1	1	1	0	0
	2330	274	1015.9	983.7	..	14.6	10.4	5.2	8.8	55	..	0.6	..	5.5	0	0	27	03	2	9	1	3	1	8	0	4	0
CHAMBAL (RAWAT BHATTA DAM)	0830	351	1017.3	975.8	-0.9	11.7	9.8	7.7	10.5	77	+ 7	1.5	-0.5	1.3	0	0	6	02	3	0	0	0	0	1	0	25	0
	1730	351	1012.8	973.0	-0.7	21.6	14.6	7.5	10.4	44	+ 7	1.1	-0.9	4.6	0	1	22	07	10	0	1	0	1	0	4	8	0
UDAIPUR	0230	582	1016.5	948.4	..	10.2	8.3	6.2	9.5	77	..	0.4	..	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
	0530	582	1016.3	948.1	..	9.3	7.6	5.7	9.1	78	..	1.0	..	1.1	0	0	1	01	0	0	0	0	0	0	0	30	0
	0830	582	1018.0	949.9	-0.8	10.1	8.2	6.0	9.3	76	+10	1.9	+0.4	0.5	..	..	..	..	..	..	..	..	..	..	..	..	..
	1130	582	1016.2	950.2	..	19.0	12.6	6.5	9.7	46	..	1.6	..	3.7	0	0	22	02	2	6	4	0	4	2	2	9	0
	1730	582	1012.3	947.0	-0.9	21.0	13.5	6.6	9.7	40	+ 0	1.6	-0.1	4.0	0	0	22	01	1	7	5	0	3	5	0	9	0
	2330	582	1016.5	948.8	..	11.6	9.0	6.3	9.5	71	..	0.7	..	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
JHALAWAR	0830	321	1017.9	979.8	-0.2	12.4	10.2	7.7	10.5	73	+ 9	1.3	-0.4	2.0	0	0	13	00	6	0	0	0	0	4	3	18	0
	1730	321	1012.8	976.6	-0.3	21.8	14.2	6.5	9.7	72	+36	1.0	-0.8	3.3	0	0	23	04	8	0	0	0	1	4	6	8	0
BANSWARA	0830	220	1016.6	990.7	..	14.7	12.4	10.2	12.4	75	..	0.2	..	5.2	0	0	31	02	5	12	11	1	0	0	0	0	0
	1730	220	1012.3	987.3	..	24.9	18.9	14.9	16.9	53	..	0.2	..	4.8	0	0	31	07	2	3	0	0	4	6	9	0	0
DUNGARPUR	0830		..	..	..	13.5	10.7	7.6	10.4	68	..	1.0	..	0.9	0	0	10	00	3	2	5	0	0	0	0	21	0
	1730		..	..	..	23.4	14.9	6.8	9.9	35	..	1.7	..	3.8	0	1	23	00	8	3	5	0	7	1	0	7	0
MADHYA PRADESH, WEST																											
GWALIOR	0230	207	1016.0	991.2	..	10.0	9.1	8.3	10.8	89	..	1.6	..	1.4	0	0	12	00	0	2	4	4	1	0	1	19	
	0530	207	1015.9	991.0	..	9.1	8.4	7.6	10.4	90	..	1.7	..	2.2	0	0	10	03	1	1	1	1	1	0	2	21	0
	0830	207	1017.8	993.0	-0.6	11.3	10.0	8.6	11.2	84	+18	2.8	+0.3	2.6	0	0	15	02	1	1	3	4	0	1	3	16	0
	1130	207	1017.5	993.2	..	17.4	13.0	8.8	11.4	58	..	3.2	..	6.3	0	0	29	08	2	4	4	4	1	1	5	2	
	1430	207	1014.4	990.5	..	19.7	14.1	8.8	11.5	51	..	2.6	..	6.4	0	0	31	08	7	3	1	2	0	2	8	0	
	1730	207	1014.3	990.3	-0.4	18.1	13.7	9.7	12.1	59	+21	2.7	+0.3	6.1	0	0	30	11	8	6	1	0	0	0	4	1	
	2030	207	1016.2	991.7	..	13.4	11.8	10.2	12.5	82	..	1.2	..	2.3	0	0	11	02	3	3	1	0	0	0	2	20	0
	2330	207	1016.5	991.8	..	11.2	10.1	9.1	11.5	87	..	1.5	..	1.2	0	0	7	01	0	1	0	3	1	0	1	24	
SHEOPUR	0830	235	1017.6	989.5	-0.4	10.0	9.0	7.8	10.7	87	+14	2.3	-0.1	3.0	0	0	20	12	1	2	0	5	0	0	0	11	
	1730	235	1013.5	986.5	-0.2	21.5	13.6	5.0	9.2	36	- 3	2.5	-0.1	8.7	0	1	30	10	1	2	0	1	3	5	9	0	

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JANUARY, 1968 (PAUSA 11 - MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of normal standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 42 or more	20 to 41	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH. WEST(CONTD)																											
SHIVPURI	0830	464	1018.0	963.4	..	10.8	9.0	7.1	10.1	78	..	2.5	..	3.1	0	0	16	01	7	3	2	1	0	0	2	15	0
	1730	464	1013.8	960.9	..	19.3	12.5	5.6	9.5	42	..	1.9	..	4.6	0	0	25	05	3	9	1	0	3	3	1	6	0
NOWGONG	0830	229	1018.1	990.8	-0.3	11.5	10.6	9.7	12.0	89	+ 8	3.0	+0.5	0.9	0	0	9	00	1	1	0	0	2	4	- 1	22	0
	1730	229	1014.4	988.0	+0.0	20.0	14.8	10.0	12.6	55	+14	2.0	-0.4	1.1	0	0	12	01	4	1	0	0	1	1	4	19	0
GUNA	0530	478	1016.0	959.6	..	9.3	8.1	6.7	9.9	84	..	0.5	..	4.0	0	0	21	02	6	5	7	0	0	1	0	10	0
	0830	478	1017.6	961.7	-0.5	12.5	10.0	7.9	10.5	72	+ 5	2.1	+0.1	3.8	0	0	23	03	2	14	2	1	0	1	0	8	0
	1130	478	1016.6	962.0	..	19.2	13.2	7.8	10.8	50	..	1.9	..	7.2	0	0	31	03	6	5	9	1	2	0	5	0	0
	1430	478	1013.1	959.1	..	21.7	13.9	7.0	10.2	40	..	2.4	..	6.2	0	0	31	04	7	2	3	1	4	3	7	0	0
	1730	478	1012.9	958.7	-0.8	20.3	13.1	6.3	9.8	43	+ 6	2.3	+0.3	5.7	0	0	29	00	8	5	0	0	4	2	10	2	0
	2330	478	1016.3	960.5	..	12.5	9.7	6.9	10.0	70	..	0.6	..	5.2	0	0	25	01	5	6	11	1	0	1	0	6	0
NIMACH	0830	496	1017.8	959.8	-0.7	12.2	8.7	4.6	8.8	61	+ 6	1.9	-0.2	3.7	0	0	24	02	14	4	1	0	0	1	0	7	2
	1730	496	1012.7	956.9	-0.9	21.9	12.5	2.0	7.7	29	- 2	1.2	-1.1	7.3	0	2	25	00	7	4	0	1	3	4	0	4	8
RAJGARH	0830	382	1017.2	972.1	-0.5	11.0	9.7	8.0	10.9	82	+17	1.2	-0.4	2.1	0	0	18	03	3	3	6	2	0	0	1	13	0
	1730	382	1012.2	969.0	-0.5	22.7	14.7	6.4	10.2	38	+ 9	1.8	+0.1	6.1	0	1	27	10	2	6	1	2	2	2	3	3	0
SAGAR	0830	551	1016.7	953.2	-0.6	14.9	12.1	9.6	12.1	71	+18	2.5	+0.1	5.9	0	0	31	00	2	3	0	0	8	13	5	0	0
	1730	551	1012.4	950.6	-0.4	21.5	16.6	13.3	15.3	61	+23	2.0	-0.6	6.8	0	0	29	00	9	9	0	0	0	1	10	2	0
RATLAM	0830	486	1017.0	960.2	-0.5	12.9	10.5	8.2	10.9	75	+11	1.7	-0.4	8.2	0	1	27	00	13	12	1	0	1	1	0	3	0
	1730	486	1011.7	957.3	-0.7	23.4	16.3	10.9	13.4	46	+ 9	1.9	-0.6	10.3	0	2	29	02	9	8	1	1	5	3	2	0	0
BHOPAL(BAIRAGARH)	0230	523	1014.9	954.1	..	12.8	10.0	7.0	10.3	69	..	1.8	..	7.8	0	0	30	08	7	7	3	1	0	1	3	1	0
	0530	523	1015.1	954.1	..	11.7	9.6	7.3	10.4	76	..	1.7	..	6.3	0	0	29	05	6	8	4	3	0	1	2	2	0
	0830	523	1016.9	956.3	-1.0	13.9	11.0	8.0	11.0	69	+ 9	2.4	+0.3	5.9	0	0	28	03	8	7	7	2	1	0	0	3	0
	1130	523	1015.8	956.4	..	20.1	13.6	7.7	10.9	47	..	1.8	..	9.0	0	0	28	04	3	9	7	1	3	1	0	3	0
	1430	523	1012.2	953.6	..	22.9	14.3	6.4	10.1	36	..	2.0	..	9.3	0	2	28	04	7	3	5	2	6	2	1	1	0
	1730	523	1012.3	953.5	-0.8	21.8	13.8	6.4	9.9	39	+ 4	2.0	+0.0	7.5	0	0	27	05	7	3	3	0	3	2	4	4	0
	2030	523	1014.9	954.9	..	16.7	12.0	7.4	10.7	56	..	1.2	..	6.8	0	0	28	06	11	3	3	2	1	2	0	3	0
	2330	523	1015.3	954.9	..	14.5	10.9	7.1	10.4	62	..	1.2	..	6.2	0	0	27	10	5	5	2	1	1	2	1	4	0
UJJAIN	0830	489	1017.7	960.0	..	10.0	8.7	7.4	10.3	84	..	2.0	..	1.0	0	0	6	00	3	3	0	0	0	0	0	25	0
	1730	489	1012.0	957.0	..	22.8	14.4	6.9	10.3	37	..	1.9	..	5.7	0	2	16	02	4	3	1	1	0	5	2	13	0
NARSINGHPUR	0830	356	1017.4	975.5	..	12.8	11.3	9.7	12.2	82	..	2.1	..	3.4	0	0	24	01	16	0	1	1	1	4	0	7	0
	1730	356	1012.6	972.2	..	22.4	15.5	9.2	12.0	45	..	2.3	..	1.3	0	0	21	00	13	0	0	0	4	0	4	10	0
HOSHANGABAD	0830	302	1017.5	982.1	+0.1	14.9	12.1	9.3	11.9	70	+ 8	1.7	-0.4	2.1	0	0	31	00	1	0	0	0	30	0	0	0	0
	1730	302	1012.5	978.3	-0.1	23.1	16.5	10.9	13.4	48	+11	1.0	-1.4	2.0	0	0	31	00	10	0	12	0	9	0	0	0	0
INDORE	0530	567	1015.0	949.0	..	10.7	8.4	5.8	9.3	73	..	0.9	..	5.0	0	0	22	01	6	6	0	2	6	1	0	9	0
	0830	567	1016.8	951.1	-0.5	13.0	10.0	6.6	10.1	67	+ 4	1.5	-0.4	5.4	0	0	25	00	6	7	2	3	4	2	1	6	0
	1130	567	1015.0	951.2	..	21.8	13.6	6.4	9.6	39	..	1.0	..	11.4	0	1	30	02	4	10	2	6	5	1	0	0	1
	1730	567	1011.5	948.3	-0.4	22.9	13.9	5.6	9.3	34	+ 3	1.2	-1.0	10.5	0	4	24	04	9	1	1	2	8	3	0	3	0
	2330	567	1015.4	949.9	..	13.5	9.8	5.7	9.4	61	..	0.8	..	6.3	0	0	26	01	9	4	1	2	4	4	1	5	0
RAJPUR(JHABUA)	0830	293	1016.8	982.3	-0.4	13.9	10.6	6.7	10.1	63	- 2	1.0	-0.7	2.0	0	0	16	00	0	10	1	0	1	4	0	15	0
	1730	293	1011.9	979.0	+0.0	25.7	14.7	3.0	7.9	24	- 6	1.0	-0.5	5.2	0	0	29	01	0	8	0	0	0	19	1	2	0
CHHINDWARA	0830	685	1016.8	938.0	-1.2	13.0	11.1	9.1	11.9	79	+12	1.5	-0.5	6.1	0	0	30	11	1	12	0	0	0	6	0	1	0
	1730	685	1011.5	935.4	-0.7	22.0	14.6	8.2	11.2	43	+ 6	2.5	+0.1	3.7	0	0	25	00	2	1	2	5	10	1	4	6	0
SEONI	0830	619	1016.8	945.7	-0.5	14.1	11.5	9.0	11.7	72	+ 9	1.8	-0.4	3.9	0	0	23	08	6	1	3	4	1	0	0	8	0
	1730	619	1012.1	943.0	-0.4	21.5	14.8	9.1	11.9	47	+ 6	1.8	-0.7	5.9	0	0	29	07	5	3	0	10	3	1	0	2	0
BETUL	0830	653	1016.6	941.8	-0.7	14.8	11.9	9.3	11.9	70	+ 6	1.3	-0.9	4.2	0	0	25	00	3	10	8	1	1	2	0	6	0
	1730	653	1011.4	938.8	-0.7	22.3	14.9	8.7	11.5	43	+ 6	2.0	-0.3	5.2	0	0	31	06	6	1	4	4	3	2	5	0	0
KHANDWA	0830	318	1016.4	979.0	-0.2	13.9	11.1	8.1	10.9	70	+14	1.4	-0.3	2.1	0	0	21	05	5	3	3	2	0	2	1	10	0
	1730	318	1011.3	975.5	-0.4	25.8	16.5	8.4	11.2	33	+ 4	1.9	+0.0	4.6	0	0	31	07	7	2	3	4	3	1	4	0	0
MADHYA PRADESH, EAST																											
SATNA	0530	317	1015.6	978.0	..	11.0	10.3	9.4	11.9	90	..	0.8	..	1.8	0	0	18	01	0	5	3	3	1	3	2	13	0
	0830	317	1017.6	980.2	-0.3	12.7	11.4	10.0	12.4	84	+13	2.3	+0.0	1.2	0	0	17	00	0	5	1	2	3	6	0	14	0
	1130	317	1017.0	980.2	..	18.0	13.5	9.2	11.9	59	..	2.8	..	4.6	0	0	28	02	0	5	3	1	2	6	9	3	0
	1430	317	1014.1	977.6	..	20.5	14.3	8.2	11.2	48	..	2.7	..	4.5	0	0	27	01	0	7	2	0	3	4	10	4	0
	1730	317	1013.9	977.4	-0.1	19.1	14.3	10.0	12.4	57	+12	2.1	-0.3	2.2	0	0	20	03	0	5	3	0	2	2	5	11	0
	2330	317	1016.3	978.9	..	12.8	11.5	10.1	12.5	85	..	0.6	..	2.7	0	0	15	02	0	9	1	0	1	0	2	16	0
REWA	0830	299	1017.0	981.6	..	12.8	11.2	9.6	12.0	82	..	2.5	..	1.7	0	0	18	00	2	1	3	0	6	3	3	13	0
	1730	299	1013.5	979.1	..	19.5	14.3	9.3	12.1	55	..	2.5	..	1.4	0	0	16	02	2	0	1	0	1	4	6	15	0
SIDHI	0830	272	1016.2	984.0	-1.4	12.4	11.7	11.1	13.2	92	+19	2.0	+0.5	0.8	0	0	12	00	0	3	0	9	0	0	0	19	0
	1730	272	1013.1	981.8	-0.4	19.5	16.0	13.2	15.4	68	+22	1.9	+0.3	0.1	0	0	1	00	0	1	0	0	0	0	0	30	0
UMARIA	0830	459	1017.8	964.0	-0.3	11.8	10.8	9.8	12.2	87	+15	2.7	+0.2	1.9	0	0	19	02	0	6	3	3	3	1	1	12	0
	1730	459	1013.5	961.3	-0.1	19.6	15.1	11.5	13.9	61	+12	2.5	+0.0	1.7	0	0	24	09	0	4	0	0	0	3	8	7	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — JANUARY ,1968 (PAUSA 11 - MAGHA 11,1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry Bulb	Mean temperature in °C: Wet Bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	Wind Speed (Km. p. h.): 62 or more	Wind Speed (Km. p. h.): 20 to 61	Wind Speed (Km. p. h.): 1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH, EAST (CONTD.)																											
JABALPUR	0530	393	1015.4	969.2	..	11.7	10.9	10.2	12.3	91	..	2.3	..	1.0	0	0	9	00	2	0	3	3	0	0	1	22	0
	0830	393	1017.4	971.5	-0.4	13.5	11.9	10.3	12.6	81	+ 7	3.9	+1.6	1.7	0	0	12	02	2	1	2	3	1	0	1	19	0
	1130	393	1016.1	971.2	..	19.9	15.0	10.5	13.1	57	..	3.0	..	4.5	0	0	28	03	7	2	4	1	4	2	4	3	1
	1430	393	1012.9	968.5	..	22.5	15.6	9.3	12.1	46	..	2.8	..	5.8	0	0	30	10	8	0	1	2	3	3	3	1	0
	1730	393	1013.1	968.4	-0.1	20.8	15.3	10.5	12.9	53	+10	2.5	+0.3	3.3	0	0	22	04	11	0	1	1	2	0	3	9	0
	2030	393	1015.3	969.9	..	16.5	13.9	11.8	13.7	74	..	1.2	..	2.1	0	0	14	02	5	4	1	2	0	0	0	17	0
	2330	393	1015.7	970.0	..	14.4	12.6	10.8	13.1	80	..	1.4	..	1.4	0	0	11	00	6	1	1	3	0	0	0	20	0
AMBIKAPUR	0830	611	1017.7	947.0	-0.9	12.6	11.2	10.0	12.3	85	+ 8	2.3	+0.6	3.1	0	0	18	05	4	1	2	3	1	1	1	13	0
	1730	611	1012.9	944.2	-0.7	19.4	14.0	9.5	12.0	55	+ 9	2.9	+1.1	7.2	0	1	27	08	3	1	1	2	4	3	6	3	0
JASHPURNAGAR	0830	779	1016.9	928.3	..	13.9	11.2	8.7	11.3	71	..	1.3	..	1.7	0	0	22	07	6	0	0	0	2	2	5	9	0
	1730	779	1012.5	925.7	..	18.4	13.2	8.7	11.4	56	..	2.3	..	2.0	0	0	24	04	0	0	2	0	12	3	3	7	0
PENDRA	0530	625	1015.8	943.6	..	11.7	10.1	8.5	11.2	81	..	1.5	..	3.9	0	1	16	07	1	0	0	4	2	1	2	14	0
	0830	625	1017.3	945.5	-0.8	14.3	11.7	9.4	11.9	73	+ 9	2.5	+0.3	5.2	0	1	25	16	0	1	0	6	2	0	1	5	0
	1130	625	1015.8	945.2	..	18.8	13.9	9.7	12.3	57	..	2.2	..	8.8	0	2	28	18	1	0	1	7	2	0	1	1	0
	1430	625	1012.7	942.8	..	20.7	14.5	9.4	12.0	50	..	2.3	..	9.4	0	2	27	14	0	1	0	7	1	1	4	2	1
	1730	625	1013.3	942.9	-0.5	18.7	14.0	10.1	12.5	59	+11	2.4	-0.3	5.4	0	0	23	11	2	0	0	5	2	0	3	8	0
	2330	625	1016.1	944.3	..	13.8	11.6	9.4	12.0	75	..	1.4	..	3.2	0	1	18	10	1	0	1	2	2	1	2	12	0
MANDLA	0830	443	1017.3	965.6	-0.8	12.5	11.6	10.7	12.9	89	+ 4	2.2	-0.3	0.1	0	0	1	00	0	0	0	1	0	0	0	30	0
	1730	443	1012.6	962.4	-0.4	20.8	15.3	10.4	12.9	54	+ 9	1.8	-0.6	0.9	0	0	5	02	0	0	0	1	0	0	2	26	0
CHAMPA	0830	245	1016.7	988.0	-0.9	15.7	13.5	11.6	13.7	76	+ 8	2.4	+0.5	2.8	0	0	25	19	3	3	0	0	0	0	0	6	0
	1730	245	1012.9	985.0	-0.3	23.3	16.5	10.7	13.2	47	+ 8	2.6	+0.5	3.7	0	0	25	14	0	1	0	1	0	8	1	6	0
RAIGARH	0830	220	1016.7	991.0	-0.6	17.3	14.5	12.1	14.2	72	+ 7	2.1	+0.2	3.9	0	0	30	01	23	1	2	2	0	0	1	1	0
	1730	220	1012.7	987.5	+0.0	23.2	17.8	13.7	16.0	56	+17	2.3	+0.6	2.0	0	0	18	03	7	0	0	0	1	5	2	13	0
RAIPUR	0530	298	1014.6	979.7	..	14.8	13.0	11.4	13.6	81	..	1.0	..	1.5	0	0	8	02	4	0	1	0	0	1	0	23	0
	0830	298	1016.8	982.1	-0.5	17.1	14.0	11.2	13.5	69	+ 7	2.2	+0.6	4.5	0	0	24	09	6	3	0	3	0	2	1	7	0
	1130	298	1015.8	981.8	..	22.9	16.1	10.2	12.9	46	..	2.3	..	5.7	0	0	27	03	7	6	3	2	1	4	1	4	0
	1430	298	1012.6	979.0	..	25.0	16.9	10.0	12.7	41	..	2.5	..	5.5	0	0	29	08	3	3	4	1	2	5	3	2	0
	1730	298	1012.7	978.9	-0.3	23.3	16.5	10.9	13.2	46	+ 7	2.1	+0.7	4.0	0	0	26	08	4	1	0	1	4	5	3	5	0
	2030	298	1014.7	980.3	..	19.3	15.1	11.8	13.7	62	..	1.3	..	1.7	0	0	8	00	3	0	0	1	1	1	2	23	0
	2330	298	1014.8	980.3	..	17.8	14.3	11.3	13.5	66	..	1.2	..	3.7	0	0	21	05	6	2	3	2	0	1	2	10	0
KANKER	0830	402	1016.3	969.9	-0.9	16.8	14.4	12.4	14.5	76	+ 4	2.5	+0.6	0.8	0	0	9	01	3	1	2	0	0	1	1	22	0
	1730	402	1011.8	966.8	-0.4	24.3	17.8	13.0	15.1	50	+ 9	1.6	-0.6	1.6	0	0	14	07	0	0	0	0	2	4	1	17	0
JAGDALPUR	0530	553	1014.4	950.9	..	14.1	12.9	11.9	14.0	87	..	1.0	..	1.2	0	0	6	00	1	1	1	0	1	1	1	25	0
	0830	553	1016.1	953.1	-0.7	16.9	14.3	12.3	14.4	75	+ 2	1.8	+0.3	1.6	0	0	9	00	2	1	1	1	1	1	2	22	0
	1130	553	1014.1	952.5	..	23.2	16.7	12.1	14.3	51	..	1.6	..	5.2	0	0	25	01	7	2	2	6	1	4	2	6	0
	1430	553	1010.6	949.7	..	25.8	16.9	10.4	12.8	39	..	2.3	..	5.3	0	0	27	02	5	3	1	6	2	6	2	4	0
	1730	553	1011.0	949.8	-0.5	24.2	16.8	11.5	13.7	49	+ 8	2.1	-0.1	2.3	0	0	12	03	0	0	0	4	2	2	1	19	0
	2030	553	1013.8	951.5	..	19.7	15.7	12.8	14.9	65	..	0.9	..	0.9	0	0	4	00	0	0	0	1	2	0	1	27	0
	2330	553	1014.4	951.5	..	17.2	14.5	12.7	14.5	75	..	0.6	..	0.9	0	0	5	01	1	1	0	2	0	0	0	26	0
GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																											
DEESA	0830	136	1016.1	1000.1	-0.4	12.5	9.0	5.4	9.0	61	+ 2	1.7	+0.0	6.0	0	0	30	00	25	0	4	0	0	0	1	1	0
	1730	136	1013.7	996.5	-1.0	24.5	14.1	1.6	6.9	25	- 4	0.6	-1.0(e)	8.4	0	1	28	01	7	0	3	1	2	1	14	1	0
RADHANPUR	0830	30	1016.5	1012.9	-0.2	13.4	11.3	9.2	11.6	76	+ 9	0.0	-0.8	2.2	0	0	30	09	12	2	1	0	2	0	4	1	0
	1730	30	1012.6	1009.3	-0.9	25.0	19.2	14.8	16.8	56	+14	0.0	-0.7	2.1	0	0	31	10	0	6	1	0	1	8	5	0	0
IDAR	0830	219	1015.8	990.2	-0.8	16.7	10.8	3.0	7.6	43	+ 1	0.9	-0.4	4.8	0	0	24	09	9	4	0	0	0	1	1	7	
	1730	219	1012.3	987.4	-0.5	24.4	13.7	1.0	6.6	23	- 5	0.7	-0.6	4.1	0	1	24	02	1	3	1	0	1	15	2	6	0
AHMADABAD	0230	55	1013.9	1007.4	..	14.5	10.6	6.1	9.4	58	..	0.4	..	7.7	0	0	25	07	10	1	0	0	0	2	5	6	0
	0530	55	1013.7	1007.1	..	13.1	10.0	6.1	9.4	64	..	0.5	..	5.7	0	0	22	03	11	3	0	0	0	1	4	9	
	0830	55	1015.6	1009.1	-0.7	14.4	10.7	6.3	9.5	60	+ 5	0.9	-0.4	7.5	0	0	22	01	12	7	0	0	0	1	1	9	
	1130	55	1016.1	1009.7	..	23.2	14.8	5.9	9.3	35	..	0.8	..(c)	16.6	0	10	18	01	2	16	6	1	0	1	1	0	
	1430	55	1013.1	1006.8	..	26.3	15.6	4.0	8.1	26	..	1.5	..	11.7	0	3	27	01	8	8	2	0	1	6	4	1	
	1730	55	1012.4	1006.1	-0.6	25.7	15.1	3.1	7.6	27	- 1	1.3	-0.2	12.1	0	2	28	07	5	6	1	0	1	4	5	1	
	2030	55	1014.0	1007.5	..	19.5	13.2	6.2	9.5	44	..	0.7	..	7.2	0	0	26	06	3	1	0	0	0	2	14	5	
	2330	55	1014.5	1008.0	..	16.0	11.4	6.2	9.5	53	..	0.3	..	4.2	0	0	14	04	3	1	0	0	1	0	5	17	
DOHAD	0830	333	1016.3	977.3	-0.8	13.7	10.3	6.0	9.3	61	+ 4	1.0	-0.6	6.3	0	0	31	02	8	10	4	3	1	1	2	0	
	1730	333	1011.8	974.2	-0.7	24.7	14.9	4.8	8.6	29	- 4	1.3	+0.4	9.9	0	3	28	09	2	5	0	3	4	6	2	0	
VALLABH VIDYANAGAR	0830	44	1015.2	1009.9	..	12.2	10.4	8.4	11.0	79	..	0.7	..	5.9	0	0	30	06	18	1	2	0	1	2	0	1	0
	1730	44	1012.1	1007.2	..	26.5	17.4	10.1	12.3	36	..	1.3	..	6.0	0	0	30	09	11	0	0	0	1	1	8	1	
BARODA AERODROME	0830	38	1015.6	1011.1	-0.5	15.0	12.5	10.0	12.3	73	+13	1.1	-0.2	7.1	0	0	21	12	5	0	2	2	0	0	0	10	
	1130	38	1015.7	1011.3	..	24.1	18.5	14.1	16.1	55	..	0.8	..	10.8	0	4	23	05	8	6	2	1	2	1	2	4	

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS— JANUARY ,1968(PAUSA 11 - MAGHA 11,1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry Bulb	Mean temperature in °C: Wet Bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.): 62 or more	Wind Speed: 20 to 61	Wind Speed: 1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
GUJARAT REGION(INCLUDING DAMAN, DADRA AND NAGAR HAVELI(CONTD.)																											
BARODA AERODROME	1730	38	1012.0	1007.7	-0.5	26.4	19.5	14.6	16.6	50	+19	1.5	+0.1	8.1	0	1	29	11	2	0	1	0	3	4	9	1	0
BARODA	0530	34	1013.5	1009.3	..	13.7	11.0	8.1	10.8	69	..	0.4	..	1.3	0	0	13	01	11	0	0	1	0	0	0	18	0
	0830	34	1015.5	1011.3	-0.5	14.1	11.3	8.2	10.9	68	- 1	1.0	-0.2	1.4	0	0	13	00	11	0	2	0	0	0	0	18	0
	1130	34	1015.9	1011.8	..	24.9	16.3	8.8	11.3	38	..	0.4	..	2.8	0	0	24	00	16	0	1	0	2	0	5	7	0
	1730	34	1012.0	1008.1	-0.4	27.4	16.9	7.5	10.4	30	- 6	0.8	-0.4	2.5	0	0	19	00	7	0	0	0	1	1	10	12	0
	2330	34	1014.3	1010.2	..	17.8	13.2	8.7	11.2	55	..	0.4	..	0.8	0	0	9	00	6	0	0	0	0	0	3	22	0
BROACH	0830		..	..	..	..	..	..	..	..	..	0.6	-0.5	6.1	0	0	31	01	18	2	5	0	2	1	2	0	0
	1730		..	..	..	..	..	..	..	..	..	0.7	-0.4	6.4	0	0	31	01	17	4	3	0	1	3	2	0	0
SURAT	0530	12	1013.1	1011.7	..	15.7	12.6	9.5	11.0	68	..	0.2	..	6.9	0	0	29	00	24	0	1	0	2	0	2	2	0
	0830	12	1015.2	1013.8	-0.1	15.7	12.6	9.5	11.9	68	+ 5	0.7	-1.0	6.4	0	0	28	00	23	0	3	0	0	0	2	3	0
	1130	12	1015.6	1014.2	..	25.2	16.9	9.9	14.8	39	..	0.9	..	10.8	0	6	25	00	21	0	4	0	0	0	6	0	0
	1730	12	1012.0	1010.6	-0.2	27.7	18.6	11.7	13.7	38	- 3	0.9	-0.8	9.9	0	1	29	00	8	0	0	0	8	0	14	0	0
	2330	12	1013.9	1012.5	..	18.5	14.9	11.5	13.6	65	..	0.0	..	8.9	0	1	30	00	21	0	3	0	3	0	4	0	0
SAURASHTRA AND KUTCH(INCLUDING DIU																											
NALIYA	0830	21	1016.2	1013.6	-0.8	10.9	8.7	5.5	9.0	71	+ 7	1.4	+0.0	8.5	0	1	29	12	13	4	0	0	0	1	0	1	0
	1730	21	1013.7	1011.2	-0.3	23.4	15.4	7.4	10.3	40	+14	1.5	+0.4	10.3	0	0	31	07	9	0	0	0	8	5	2	0	0
BHUJ(RUDRAMATA)	0230	80	1014.8	1005.2	..	13.8	10.1	5.9	9.3	60	..	0.5	..	2.3	0	1	4	05	0	0	0	0	0	0	0	26	0
	0530	80	1014.6	1004.9	..	11.9	9.2	6.1	9.4	69	..	0.5	..	1.3	0	1	1	02	0	0	0	0	0	0	0	29	0
	0830	80	1016.3	1006.6	-0.7	12.6	9.5	6.1	9.4	67	+22	0.8	-0.5	1.0	0	0	2	01	1	0	0	0	0	0	0	29	0
	1130	80	1017.0	1007.6	..	20.1	13.2	5.9	9.3	41	..	0.9	..	11.9	0	6	18	05	13	5	0	0	0	0	1	7	0
	1430	80	1013.8	1004.6	..	24.0	14.3	4.2	8.2	29	..	1.0	..	17.1	0	14	14	06	14	2	2	0	0	3	1	3	0
	1730	80	1013.1	1003.9	-0.6	24.1	14.2	3.4	7.8	28	+ 4	1.2	+0.0	17.0	0	10	18	11	13	0	0	0	1	1	2	3	0
	2030	80	1014.7	1005.3	..	18.9	12.7	6.0	9.3	45	..	0.5	..	7.7	0	1	16	10	4	0	0	0	1	0	2	14	0
	2330	80	1015.2	1005.7	..	15.7	11.2	6.2	9.5	55	..	0.9	..	5.5	0	2	9	08	1	0	0	0	1	1	0	20	0
KANDLA AERODROME	0830	35	1016.5	1012.3	..	13.6	9.3	3.8	8.0	54	..	0.8	..	13.6	0	5	25	15	2	0	0	0	1	1	11	1	0
	1130	35	1017.0	1012.9	..	22.3	14.1	5.1	8.8	35	..	0.9	..	18.1	0	13	18	18	6	3	0	0	1	1	2	0	0
	1730	35	1013.3	1009.3	..	24.4	14.5	3.4	7.8	29	..	1.2	..	18.3	0	14	17	19	4	1	1	1	2	1	2	0	0
NEW KANDLA	0830	14	1016.5	1014.8	-0.9	14.7	10.7	6.1	9.4	58	+ 3	1.5	+0.3	9.6	0	0	31	18	6	0	1	1	0	2	3	0	0
	1730	14	1013.6	1011.9	-0.7	23.4	15.4	8.2	10.9	39	+ 3	1.9	+0.6	12.2	0	3	27	14	8	1	0	2	3	1	1	1	0
MANDVI	0830	9	1016.1	1015.2	-0.7	14.1	10.0	4.9	8.7	57	- 8	2.4	+1.0	12.5	0	3	26	14	11	1	0	1	0	0	2	2	0
	1730	9	1013.7	1012.6	-0.4	22.8	15.7	8.9	11.4	45	-14	1.9	+0.4	14.1	0	9	22	04	6	0	2	7	3	9	0	0	0
SURENDRANAGAR	0830	74	1016.3	1007.5	+0.1	15.8	11.8	7.4	10.3	59	+ 3	0.7	-0.6	8.2	0	0	28	11	9	0	0	0	0	2	6	3	0
	1730	74	1012.3	1003.8	-0.4	26.0	16.9	9.1	11.5	36	+ 6	1.5	+0.0	9.0	0	1	26	09	5	4	1	0	0	3	5	4	0
OKHA	0530	7	1014.5	1013.7	..	19.5	15.3	11.7	13.7	62	..	0.6	..	22.9	0	19	12	12	11	4	0	1	0	0	3	0	0
	0830	7	1016.2	1015.4	..	19.3	15.0	11.3	13.4	61	..	0.9	..	22.2	0	18	13	08	12	8	0	2	1	0	0	0	0
	1130	7	1017.3	1016.5	..	21.1	15.9	11.7	13.7	56	..	0.7	..	18.7	0	16	14	07	10	9	1	0	1	0	2	1	0
	1730	7	1013.9	1013.1	..	22.2	16.8	12.4	14.4	55	..	1.1	..	13.0	0	6	24	06	8	3	0	0	1	0	12	1	0
	2330	7	1015.6	1014.8	..	20.6	16.2	12.7	14.7	62	..	0.5	..	25.1	0	24	7	15	4	0	1	0	0	1	10	0	0
JAMNAGAR AERODROME	0530	23	1014.3	1011.6	..	13.1	10.7	8.1	10.8	72	..	0.5	..	7.7	0	3	13	05	8	0	0	0	0	1	2	15	0
	0830	23	1016.0	1013.3	-0.7	13.4	10.6	7.6	10.4	69	+ 9	1.0	-0.6	7.2	0	1	17	01	13	2	0	0	1	1	0	13	0
	1130	23	1016.8	1014.1	..	21.0	14.3	8.1	10.8	45	..	0.7	..	18.1	0	13	18	02	22	4	0	0	1	1	1	0	0
	1730	23	1013.1	1010.5	-0.3	23.3	15.2	7.9	10.7	38	+ 1	0.8	-0.4	19.5	0	14	17	10	14	1	0	0	0	4	2	0	0
	2330	23	1015.2	1012.5	..	17.0	14.0	11.3	13.4	70	..	0.3	..	7.8	0	1	19	08	8	0	0	0	0	3	1	11	0
DWARKA	0830	11	1016.8	1015.5	+0.3	16.7	14.1	11.9	13.9	74	+ 9	0.9	-0.7	10.0	0	2	29	10	15	4	0	0	0	1	0	0	1
	1730	11	1014.8	1013.4	+0.7	22.9	16.7	10.9	13.0	52	+ 5	1.1	-0.2	13.9	0	5	26	10	6	2	0	0	0	3	7	0	3
RAJKOT	0530	138	1014.1	997.7	..	12.2	8.2	2.5	7.3	53	..	0.3	..	9.8	0	1	27	06	6	3	3	0	1	2	7	3	0
	0830	138	1015.9	999.6	-0.5	13.6	9.3	3.8	8.0	54	+ 3	0.5	-0.8	6.3	0	0	23	05	7	5	0	0	3	0	2	8	1
	1130	138	1015.8	1000.0	..	23.0	14.2	4.7	8.5	33	..	0.4	..	19.4	0	16	15	07	11	6	1	0	1	2	2	0	1
	1430	138	1012.7	997.1	..	25.9	15.2	3.5	7.9	26	..	0.5	..	18.4	0	15	16	07	11	5	0	0	0	3	4	0	1
	1730	138	1012.1	996.5	-0.5	25.9	14.8	2.7	7.4	24	+ 2	0.4	-1.0	18.1	0	14	16	07	10	2	0	1	0	4	5	1	1
BHAUNAGAR AERODROME	0830	11	1015.6	1014.3	-0.5	14.8	10.9	6.4	9.6	58	+14	0.9	-0.3	10.4	0	3	25	01	1	1	0	0	0	11	14	3	0
	1130	11	1016.1	1014.9	..	22.7	15.8	9.6	11.9	44	..	0.7	..	16.0	0	8	23	09	10	4	2	1	0	1	3	0	1
	1730	11	1012.3	1010.9	-0.5	25.9	16.2	7.0	10.0	32	+ 3	1.0	-0.4	16.3	0	9	22	02	14	8	3	3	0	0	1	0	0
PORBANDER AERODROME	0830	7	1015.7	1014.9	-0.1	16.4	11.4	5.5	9.0	52	-15	0.8	-0.3	6.7	0	4	15	04	8	3	1	0	0	0	3	12	0
	1130	7	1016.2	1015.4	..	24.8	14.8	4.2	8.2	29	..	0.6	..	17.5	0	18	10	03	15	3	0	1	1	1	3	3	1
	1730	7	1012.6	1011.8	-0.5	25.5	16.1	7.0	10.0	35	-13	0.7	-0.5	19.7	0	19	12	07	6	1	0	0	7	9	1	0	0
KESHOD	0830	51	1015.5	1009.4	-0.8	15.1	10.3	4.3	8.3	50	+ 2	0.9	-0.2	13.9	0	4	26	08	17	7	0	0	0	0	0	1	0
	1130	51	1015.8	1009.9	..	23.2	14.3	4.8	8.6	33	..	0.7	..	18.3	0	10	21	11	13	4	1	0	0	0	2	0	0
	1730	51	1012.0	1006.2	-0.6	26.3	15.6	4.7	8.5	27	+ 1	0.8	-0.2	15.9	0	3	28	15	3	3	0	0	3	5	2	0	0
MAHUVA	0830	9	1014.6	1013.5	..	15.6	11.7	7.3	10.2	58	..	1.3	..	2.7	0	0	25	10	6	3	0	1	0	0	4	6	1

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY ,1968(PAUSA 11 - MAGHA 11,1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure: At station level	Mean pressure: Departure from normal	Mean temperature in °C: Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SAURASHTRA AND KUTCH(INCLUDING DIU)																											
MAHUVA	1730	9	1011.5	1010.5	..	25.9	17.7	11.2	13.3	43	..	1.5	..(a)	4.1	0	0	28	04	3	6	7	5	1	0	0	2	2
VERAVAL	0230	8	1013.5	1012.6	..	16.4	12.3	7.7	10.5	59	..	0.6	..	10.3	0	4	23	09	16	2	0	0	0	0	0	4	0
	0530	8	1013.1	1012.2	..	15.3	11.2	6.1	9.4	57	..	0.7	..	13.0	0	4	27	14	15	1	0	0	0	1	0	0	0
	0830	8	1015.0	1014.1	-0.5	16.0	11.3	5.7	9.1	53	+ 4	1.4	+0.2	11.5	0	3	26	07	20	1	0	0	0	0	1	2	0
	1130	8	1015.6	1014.7	..	25.5	16.4	7.6	10.4	35	..	1.2	..	15.7	0	11	18	05	12	2	2	0	2	3	3	2	0
	1430	8	1012.7	1011.8	..	26.8	18.3	10.8	12.9	41	..	1.2	..	16.6	0	16	15	05	5	2	0	2	8	8	1	0	0
	1730	8	1012.2	1011.3	-0.4	25.3	18.6	12.9	14.9	51	- 8	1.1	+0.0	18.4	0	15	16	03	4	0	2	3	5	7	7	0	0
	2030	8	1013.9	1013.0	..	21.4	16.6	12.2	14.2	59	..	0.5	..	10.9	0	7	19	07	5	2	0	0	0	4	8	5	0
	2330	8	1014.3	1013.4	..	18.3	14.0	9.6	11.9	59	..	0.4	..	9.4	0	2	23	10	11	0	0	0	0	2	2	6	0
DIU	0830	15	1025.0	1013.5	..	18.0	13.1	8.2	10.9	54	..	1.9	..	7.4	0	0	31	00	1	5	1	10	9	5	0	0	0
	1730	15	1012.9	1011.0	..	24.2	18.8	15.1	17.1	57	..	1.7	..	3.9	0	0	30	12	17	0	0	0	0	0	1	1	0
KONKAN(INCLUDING GOA)																											
DAHANU	0830	5	1014.3	1013.8	-0.1	18.6	16.0	13.7	15.7	75	+ 7	.	..(h)	4.7	0	0	22	01	2	/	6	4	2	0	0	1	0
	1730	5	1011.9	1011.4	+0.1	25.0	21.2	18.9	21.8	70	- 1	.	..(o)	10.6	0	0	16	11	0	0	0	0	0	2	3	0	0
BOMBAY(SANTACRUZ)	0230	14	1012.1	1010.5	-0.8	20.6	15.4	11.2	13.3	55	-16	0.6	-0.4	5.0	0	2	16	04	7	5	0	0	0	0	2	13	0
	0530	14	1012.1	1010.4	..	17.8	15.1	12.8	14.8	74	..	0.6	..	5.3	0	1	20	01	8	11	1	0	0	0	0	10	0
	0830	14	1014.1	1012.4	-0.5	19.8	15.7	12.2	14.2	63	+ 0	1.4	+0.0	6.4	0	1	23	01	9	13	1	0	0	0	0	7	0
	1130	14	1014.3	1012.6	..	27.0	17.9	11.3	13.4	39	..	1.5	..	10.4	0	3	27	04	8	9	3	0	0	3	3	1	0
	1430	14	1011.6	1009.9	..	28.2	19.2	12.9	14.9	41	..	1.4	..	15.1	0	6	24	01	1	1	0	0	0	12	15	1	0
	1730	14	1011.3	1009.7	-0.3	26.1	19.1	14.2	16.2	49	+ 1	1.2	-0.1	15.9	0	8	23	02	1	0	0	0	0	6	22	0	
	2030	14	1013.0	1011.3	..	22.4	18.1	15.1	17.1	62	..	0.9	..	9.8	0	2	24	11	1	0	0	0	0	0	14	5	
	2330	14	1013.3	1011.6	..	19.9	16.6	14.1	16.1	70	..	0.4	..	3.9	0	0	18	08	2	3	0	0	0	1	4	13	
BOMBAY	0830	11	1013.9	1012.6	-0.6	20.4	17.3	15.0	17.0	72	+ 1	1.4	+0.1	7.9	0	0	29	06	9	12	2	0	0	0	0	2	
	1130	11	1014.3	1013.1	..	26.0	19.2	14.6	16.6	50	..	1.0	..	7.6	0	1	28	03	10	10	2	0	0	0	1	2	
	1730	11	1011.3	1010.1	-0.3	25.6	19.9	16.2	18.4	57	- 6	0.7	-0.4	11.0	0	0	31	12	0	0	0	0	0	3	16	0	
ALIBAG	0830	7	1013.8	1013.0	-0.9	19.9	17.1	15.0	17.0	74	+ 5	1.6	+0.3	4.5	0	0	28	01	15	10	0	0	1	0	1	3	
BHIRA	0830	96	1013.5	1002.4	..	17.9	14.7	11.6	13.7	71	..	1.0	..	3.4	0	0	13	02	3	2	4	0	0	0	2	18	
	1730	96	1009.5	998.8	..	30.5	20.0	12.7	14.7	35	..	1.1	..	4.0	0	0	30	01	0	0	1	4	15	6	3	1	
HARNAI	0830	20	1013.2	1010.8	-0.6	22.8	18.1	14.8	16.8	63	+ 4	0.7	-1.0	10.6	0	5	17	02	6	14	0	0	0	0	0	9	
	1730	20	1011.0	1008.7	+0.0	26.1	21.9	19.6	22.8	68	- 3	0.3	-1.0	24.1	0	23	8	06	0	0	1	0	0	1	23	0	
RATNAGIRI	0830	35	1013.5	1009.4	-0.3	21.5	17.4	14.5	16.5	66	+ 0	2.5	+0.6	8.4	0	4	26	00	5	11	5	0	0	0	0	1	
	1730	35	1010.4	1006.5	-0.3	27.7	21.5	17.7	20.2	56	- 3	1.7	-0.1	7.0	0	0	31	03	0	1	0	0	1	14	12	0	
DEVGARH	0830	36	1013.1	1008.9	-0.7	22.0	18.3	15.6	17.7	68	- 3	1.9	+0.0	9.7	0	3	27	00	11	19	0	0	0	0	0	1	
	1730	36	1010.2	1006.2	-0.2	28.0	21.7	18.1	20.8	55	- 6	1.4	-0.2	19.1	0	10	21	00	0	1	0	0	1	10	19	0	
VENGURLA	0230	9	1011.8	1010.8	..	20.6	18.3	16.6	18.9	79	..	0.6	..	2.8	0	0	19	18	0	0	0	0	0	1	0	12	
	0530	9	1011.3	1010.3	..	19.6	17.3	15.5	17.6	79	..	0.5	..	3.3	0	0	20	17	3	0	0	0	0	0	0	[illegible]	
	0830	9	1013.7	1012.7	-0.3	21.9	18.5	16.0	18.2	71	- 2	1.0	-0.4	3.2	0	0	19	05	6	2	0	0	0	1	5	12	
	1130	9	1013.7	1012.7	..	28.7	20.3	14.7	16.7	43	..	0.8	..	6.5	0	0	30	01	7	4	1	1	8	2	6	1	
	1730	9	1010.6	1009.6	+0.0	27.9	21.6	17.9	20.5	55	+ 1	1.0	-0.2	6.3	0	0	30	01	0	0	0	0	6	18	5	1	
	2330	9	1012.7	1011.7	..	21.8	19.4	17.9	20.5	79	..	0.5	..	3.5	0	0	23	22	0	0	0	0	0	1	0	8	
PANJIM	0530	60	1010.5	1004.0	..	20.4	18.1	16.8	19.1	81	..	1.0	..	8.2	0	0	31	01	16	14	0	0	0	0	0	0	
	0830	60	1012.7	1006.2	..	20.9	18.1	16.0	18.2	75	..	1.6	..	9.2	0	1	29	00	11	19	0	0	0	0	0	1	
	1130	60	1012.6	1006.2	..	28.0	19.6	14.0	16.0	43	..	2.1	..(a)	10.7	0	4	24	02	8	9	2	0	1	3	3	2	
	1430	60	1009.6	1003.3	..	29.8	20.7	14.6	16.6	41	..	1.8	..	16.1	0	8	23	00	4	2	3	0	7	10	5	0	
	1730	60	1009.5	1003.2	..	28.0	21.2	17.3	19.7	52	..	1.7	..	14.4	0	5	26	00	1	1	0	0	7	12	10	0	
	2030	60	1011.4	1004.9	..	24.9	20.9	18.6	21.4	67	..	1.0	..	9.0	0	1	29	14	1	0	0	0	0	0	15	1	
	2330	60	1011.7	1005.2	..	23.2	19.9	17.8	20.4	71	..	0.8	..	8.2	0	0	30	14	14	1	0	0	0	0	1	1	
MORMUGAO	0530	62	1010.7	1003.7	..	22.2	18.9	16.4	18.6	70	..	0.9	..	10.5	0	1	30	02	11	17	0	0	1	0	0	0	
	0830	62	1012.9	1005.8	-1.1	23.3	19.0	15.9	18.1	65	- 1	1.6	-0.1	11.0	0	2	26	00	5	22	1	0	0	0	0	3	
	1130	62	1012.8	1005.8	..	27.3	20.0	15.1	17.1	49	..	1.9	..	11.5	0	4	26	04	5	12	0	1	1	2	5	1	
	1730	62	1009.5	1002.6	-0.8	27.6	21.8	18.6	21.4	58	- 4	1.7	-0.1	15.4	0	7	24	00	0	1	0	1	4	10	15	0	
DABOLIM(NAVAL AIR STN.)	0530	52	1011.2	1005.3	..	21.0	18.3	16.3	18.5	76	..	1.0	..	11.7	0	3	22	00	8	14	3	0	0	0	0	6	
	0830	52	1013.4	1007.6	..	22.8	18.8	15.9	18.1	67	..	1.7	..	11.4	0	3	20	00	4	12	6	1	0	0	0	8	
	1130	52	1013.5	1007.7	..	27.8	20.2	15.1	17.1	48	..	1.8	..	15.8	0	8	23	05	4	3	7	1	4	4	2	0	
	1730	52	1010.1	1004.3	..	27.9	21.2	17.1	19.5	54	..	2.2	..	19.1	0	8	23	05	0	1	0	0	0	12	13	0	
	2330	52	1012.2	1006.4	..	23.8	20.6	18.6	21.4	73	..	1.0	..	11.6	0	1	26	11	12	3	0	0	0	0	1	4	
MADHYA MAHARASHTRA																											
NANDURBAR	0830	206	1015.4	991.4	-1.1	17.9	16.0	11.3	13.4	86	+35	0.1	-1.3	3.3	0	0	21	00	9	3	6	0	3	0	0	10	
	1730	206	1011.6	988.3	-0.2	27.0	17.6	8.7	11.2	36	+ 4	0.0	-1.6	2.5	0	0	26	00	12	2	0	0	4	1	7	5	
JALGAON	0830	201	1016.1	992.4	-0.1	15.1	11.6	7.8	10.6	62	+ 4	1.0	-0.4	8.8	0	0	27	00	3	10	8	0	3	2	1	4	

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1968 (PAUSA 11 - MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lit. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
MADHYA MAHARASHTRA (CONTD.)																										
JALGAON	1730	201	1011.2	988.6	-0.1	27.6	16.7	6.5	9.7	27	+ 0	1.4	-0.1	8.3	0	2	26	04	3	5	3	1	2	4	6	3
MALEGAON	0830	437	1016.6	965.9	-0.1	14.9	11.1	6.9	9.9	60	+ 7	0.6	-1.1	3.4	0	0	23	06	1	0	1	3	1	8	3	8
	1730	437	1010.5	962.1	-0.1	26.9	16.8	8.0	10.7	31	+ 4	0.9	-1.3	6.2	0	0	29	04	7	2	5	2	0	3	6	2
OZAR	0230	608	1014.4	944.2	..	12.4	9.7	7.0	10.0	69	..	0.4	..	7.5	0	2	19	01	0	0	4	0	1	10	5	10
	0530	608	1014.6	944.1	..	11.0	8.9	6.7	9.8	76	..	0.4	..	5.3	0	1	15	01	0	2	1	2	1	5	4	15
	0830	608	1015.9	946.0	..	14.2	10.9	7.7	10.5	67	..	1.5	..	4.5	0	0	17	01	3	2	2	2	0	5	2	14
	1130	608	1014.0	946.2	..	22.7	15.4	9.7	12.0	44	..	1.6	..	15.0	0	7	22	01	0	8	12	2	1	4	1	2
	1430	608	1010.3	943.4	..	25.7	16.2	8.7	11.2	35	..	1.8	..	13.9	0	7	21	01	1	4	8	2	2	9	1	3
	1730	608	1010.1	943.1	..	25.1	15.6	8.0	10.7	34	..	1.5	..	14.4	0	9	20	03	1	7	5	0	1	6	6	2
	2030	608	1013.5	944.7	..	18.2	12.6	7.5	10.4	50	..	0.9	..	10.6	0	3	22	00	1	3	1	1	1	9	9	6
	2330	608	1014.7	944.9	..	14.6	10.9	7.1	10.1	62	..	0.5	..	9.0	0	1	22	03	0	1	1	0	0	13	5	8
AHMADNAGAR	0830	657	1016.3	941.2	-0.3	14.8	11.0	7.7	10.5	61	+ 7	2.0	+0.4	2.7	0	0	14	00	1	0	4	0	0	0	9	17
	1730	657	1009.4	937.7	-0.5	26.8	16.5	8.6	11.2	33	+ 4	2.0	+0.0	7.1	0	0	29	01	8	0	1	0	12	0	7	2
POONA AERODROME	0230	593	1013.4	945.6	..	15.6	12.4	9.6	11.9	69	..	0.3	..	4.3	0	1	15	00	2	1	1	0	0	11	1	15
	0530	593	1013.7	945.4	..	14.0	11.3	8.9	11.4	73	..	0.4	..	5.8	0	1	15	00	3	3	0	0	1	8	1	15
	0830	593	1015.3	947.3	..	15.6	12.4	9.8	12.1	69	..	1.5	..	5.2	0	1	14	01	2	6	0	0	1	5	0	16
	1130	593	1013.6	947.5	..	23.6	15.9	9.9	12.2	43	..	1.6	..	16.0	0	11	17	00	1	19	3	0	1	3	1	3
	1730	593	1009.2	944.1	..	26.6	16.5	8.6	11.2	33	..	1.9	..	14.2	0	9	18	01	1	9	1	0	2	10	2	4
	2330	593	1013.7	946.2	..	17.6	13.3	9.5	11.9	61	..	0.5	..	7.4	0	0	21	00	2	2	2	0	0	13	2	10
POONA	0530	559	1014.7	949.7	..	11.4	9.9	8.6	11.2	83	..	0.4	..	0.6	0	0	2	00	0	0	0	0	0	2	0	29
	0830	559	1016.3	951.8	-0.4	14.2	12.0	10.2	12.4	77	+13	1.6	+0.1	0.1	0	0	1	00	0	0	0	0	0	1	0	30
	1130	559	1014.0	951.7	..	23.6	15.8	9.8	12.1	42	..	1.6	..	5.9	0	0	26	00	4	9	5	1	1	4	2	5
	1430	559	1009.9	948.5	..	27.0	16.9	9.3	12.1	34	..	2.1	..	6.6	0	0	26	02	3	10	3	1	2	3	2	5
	1730	559	1009.8	948.2	-0.2	25.9	16.3	8.6	11.2	34	+ 3	1.9	+0.1	4.7	0	0	18	00	2	4	0	0	0	8	4	13
	2030	559	1013.1	950.1	..	20.0	14.2	9.6	11.9	51	..	0.7	..	3.2	0	0	14	00	0	1	0	0	1	11	1	17
	2330	559	1014.6	950.5	..	15.4	12.1	9.2	11.6	67	..	0.5	..	0.1	0	0	1	00	0	0	0	0	1	0	0	30
JEUR	0830	521	1015.4	955.6	-0.7	16.6	12.4	8.7	11.2	60	+ 5	0.9	-0.5	2.7	0	0	31	16	3	2	2	4	0	0	4	0
	1730	521	1009.3	952.0	-0.3	27.8	16.9	8.5	11.1	31	- 1	1.9	+0.0	7.1	0	1	30	01	2	7	4	2	4	5	6	0
BARAMATI	0830	551	1015.8	952.6	-0.8	15.5	12.3	9.6	11.9	68	+ 6	0.7	-0.4	5.6	0	0	26	03	1	5	2	1	0	1	13	5
	1730	551	1009.3	948.9	-0.4	27.4	17.6	10.5	12.7	36	+ 3	1.0	-0.6	8.2	0	1	29	01	2	8	5	5	6	3	0	1
SHOLAPUR	0530	479	1013.1	958.3	..	17.2	13.1	9.4	11.8	61	..	0.6	..	9.0	0	1	27	03	5	5	11	0	2	1	1	3
	0830	479	1015.3	960.8	-0.5	19.3	14.2	10.1	12.3	56	+ 6	1.0	-0.4	7.5	0	0	31	01	8	0	19	0	3	0	0	0
	1130	479	1013.8	960.5	..	25.4	16.9	10.6	12.8	40	..	0.9	..	11.9	0	4	27	05	3	3	12	6	2	0	0	0
	1430	479	1009.9	957.2	..	28.7	17.6	9.4	11.8	31	..	1.9	..	7.5	0	1	27	00	5	0	11	1	8	2	1	3
	1730	479	1009.3	956.7	-0.4	28.6	17.4	9.1	11.5	30	+ 1	1.9	-0.4	6.6	0	0	31	02	6	0	12	0	6	3	2	0
	2330	479	1013.0	958.9	..	20.7	14.2	8.8	11.3	47	..	1.0	..	8.5	0	2	25	01	10	4	10	0	0	1	1	4
MIRAJ	0830	554	1015.3	952.1	-0.6	16.8	13.6	11.1	13.2	69	+ 8	1.6	+0.1	1.5	0	0	5	00	0	5	0	0	0	0	0	26
	1730	554	1008.8	948.4	-0.4	28.5	19.3	12.9	14.9	39	+ 5	2.3	+0.1	3.8	0	0	15	00	2	5	0	1	1	6	0	16
KOLHAPUR	0530	570	1012.8	947.7	..	15.4	12.8	10.5	12.7	72	..	0.5	..	3.9	0	0	18	00	3	11	0	0	2	1	1	13
	0830	570	1014.8	949.9	-0.9	17.1	13.6	10.6	12.8	67	+ 7	1.3	-0.1	4.3	0	0	19	00	4	10	2	0	0	2	1	12
	1130	570	1013.3	950.1	..	24.7	16.5	10.5	12.7	41	..	1.4	..	11.2	0	3	27	00	11	12	1	0	0	3	3	1
	1730	570	1008.5	946.3	-0.5	28.2	17.4	9.1	11.5	33	+ 5	2.0	+0.2	11.5	0	2	27	00	4	8	2	1	2	9	3	2
	2330	570	1012.7	948.5	..	19.5	15.4	12.3	14.3	64	..	0.5	..	8.1	0	0	29	00	7	12	2	0	0	6	2	2
NASIK	0830		..	..	..	18.1	13.9	10.8	12.9	63	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..
MARATHWADA																										
AURANGABAD	0830	581	1016.3	949.9	-0.6	16.4	12.0	7.9	10.7	58	+ 6	1.6	-0.1	4.6	0	0	24	00	3	18	0	0	1	2	0	7
	1730	581	1010.9	946.8	-0.1	25.8	15.3	6.2	9.5	30	+ 0	2.8	+0.7	8.1	0	2	28	02	1	7	5	2	3	6	4	1
AURANGABAD (CHIKALTHAN)	0230	579	1014.2	947.3	..	12.5	9.5	6.6	9.7	68	..	0.8	..	2.4	0	0	6	00	0	2	0	0	0	3	1	25
	0530	579	1014.8	947.3	..	10.7	8.5	6.2	9.5	74	..	0.6	..	1.4	0	0	5	00	0	0	0	0	0	5	0	26
	0830	579	1015.8	949.4	-0.8	15.5	11.6	8.0	10.7	62	+ 9	1.5	+0.0	3.2	0	0	11	01	1	3	2	0	0	3	1	20
	1130	579	1014.2	949.6	..	23.2	15.9	10.3	12.5	45	..	1.6	..	13.6	0	3	26	01	2	6	12	1	2	3	2	2
	1430	579	1010.6	946.7	..	25.8	16.7	10.0	12.3	38	..	2.2	..	12.5	0	0	29	00	2	4	8	2	7	4	1	2
	1730	579	1010.2	946.3	-0.2	25.6	16.4	9.4	11.8	37	+ 3	2.2	+0.2	12.4	0	1	29	01	1	4	8	1	7	4	4	1
	2030	579	1013.7	947.9	..	17.4	12.4	8.0	10.7	55	..	1.3	..	2.1	0	0	6	00	2	0	0	0	0	3	1	25
	2330	579	1014.7	948.1	..	14.3	10.6	7.2	10.1	63	..	1.3	..	2.8	0	0	6	00	0	1	1	0	0	2	2	25
PARBHANI	0830	423	1016.4	967.6	-0.4	16.4	13.3	10.4	12.6	69	+20	1.5	-0.1	4.2	0	0	24	04	5	4	3	1	3	4	0	7
	1730	423	1011.3	964.2	+0.1	26.0	17.4	10.7	12.9	39	+12	2.2	+0.3	6.4	0	0	29	04	9	6	3	1	0	3	3	2
NANDER	0830	358	1015.9	974.5	..	17.7	14.3	11.8	13.8	69	..	1.1	..	3.1	0	0	18	00	6	0	6	4	2	0	0	13
	1730	358	1011.3	971.2	..	26.0	18.0	11.9	13.9	45	..	1.2	..	1.7	0	0	10	00	4	0	4	2	0	0	0	21
BIR	0830	519	1016.3	956.6	..	15.9	12.9	10.0	12.3	70	..	1.7	..	1.0	0	0	7	00	0	1	2	2	2	0	0	24

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS— JANUARY 1968(PAUSA 11 - MAGHA 11,1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lst. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MARTWADA (CONTD.)																											
BIR	1730	519	1010.6	953.3	..	26.2	17.4	11.1	13.2	40	..	1.7	..	3.7	0	0	23	00	16	0	2	0	3	0	2	8	0
VIDARBHA																											
GONDIA	0830	313	1016.7	980.2	-0.7	16.0	13.7	11.5	13.8	75	+ 7	1.8	+0.0	0.8	0	0	8	01	1	0	2	0	2	0	2	23	0
	1730	313	1012.5	977.1	-0.3	23.5	17.0	11.9	14.1	50	+10	2.3	+0.7	0.9	0	0	11	04	1	0	0	3	1	0	2	20	0
NAGPUR(SONEGAON)	0230	310	1014.1	977.8	..	14.8	13.0	11.1	13.6	79	..	0.8	..	2.4	0	0	15	07	3	1	0	0	0	1	3	16	0
	0530	310	1014.4	978.0	..	13.3	11.9	10.7	12.8	83	..	0.8	..	1.7	0	0	14	07	1	1	2	0	0	0	3	17	0
	0830	310	1016.5	980.3	-0.8	16.1	13.6	11.3	13.6	74	+ 9	1.8	-0.1	3.0	0	0	15	04	5	3	1	0	0	0	2	16	0
	1130	310	1015.4	980.1	..	22.8	16.2	10.6	13.0	47	..	2.3	..	6.1	0	0	25	02	6	8	5	0	1	1	2	6	0
	1430	310	1012.0	977.1	..	25.2	16.9	10.1	12.5	40	..	2.9	..	5.2	0	0	23	03	2	4	6	3	2	2	1	8	0
	1730	310	1011.8	976.8	-0.1	24.4	16.6	10.1	12.6	42	+ 4	2.4	+0.3	3.9	0	1	21	01	2	8	5	0	4	2	0	9	0
	2030	310	1014.2	978.4	..	18.9	14.9	11.3	13.7	62	..	1.1	..	2.8	0	0	21	00	1	12	4	1	0	0	3	10	0
	2330	310	1014.6	978.5	..	16.5	13.8	11.4	13.6	72	..	1.0	..	2.8	0	0	12	02	6	1	1	1	0	0	1	19	0
AMRAOTI	0830	370	1015.8	973.1	-0.7	17.8	13.1	8.2	11.2	55	+ 6	1.7	-0.5	3.7	0	0	30	01	12	10	1	2	3	1	0	1	0
	1730	370	1011.4	970.0	-0.2	25.4	15.8	6.5	10.2	32	+ 2	1.9	-0.4	7.0	0	1	29	04	4	4	3	3	4	4	4	1	0
AKOLA AERODROME	0530	309	1013.3	977.1	..	13.9	11.1	8.0	10.9	48	..	1.1	..	6.5	0	0	29	02	8	9	1	3	2	3	1	2	0
	0830	309	1015.2	979.2	..	16.4	12.4	8.3	11.2	60	..	2.1	..	6.3	0	0	30	02	11	8	2	1	2	3	1	1	0
	1130	309	1014.5	979.4	..	23.7	15.7	8.7	11.4	41	..	2.5	..	8.0	0	0	31	03	9	8	2	3	1	3	2	0	0
	1430	309	1010.9	976.3	..	26.8	16.8	7.9	11.0	32	..	3.0	..	7.2	0	0	31	03	4	6	5	1	2	7	3	0	0
	1730	309	1010.5	975.8	..	26.1	16.3	7.3	10.7	31	..	3.1	..	6.1	0	0	28	07	7	3	2	1	2	3	3	3	0
	2030	309	1012.4	977.1	..	21.1	14.3	7.5	10.8	43	..	1.6	..	4.6	0	0	28	01	8	9	2	3	0	3	2	3	0
	2330	309	1013.2	977.4	..	18.0	12.8	7.4	10.6	51	..	0.9	..	6.3	0	0	31	02	6	7	6	5	1	0	4	0	0
AKOLA	0830	282	1016.1	983.2	-0.3	15.5	12.3	9.1	11.7	66	+ 9	1.7	+0.2	2.0	0	0	24	00	11	2	4	0	5	0	2	7	0
	1730	282	1011.3	979.7	+0.3	26.6	16.7	8.0	10.9	32	+ 3	2.2	+0.7	2.5	0	0	24	00	9	1	5	0	2	0	7	7	0
BRAMHAPURI	0830	229	1016.6	989.7	-0.7	16.2	14.9	13.8	15.9	86	+13	2.5	+0.9	3.9	0	0	24	08	6	3	1	5	0	0	1	7	0
	1730	229	1012.4	986.5	-0.3	24.8	20.0	16.9	19.5	64	+25	2.4	+0.9	4.1	0	0	27	10	3	2	4	7	1	0	0	4	0
BULDANA	0830	650	1015.3	941.4	-0.7	16.8	12.6	8.6	11.5	60	+ 6	1.4	-0.4	7.9	0	0	30	05	1	5	4	9	1	0	5	1	0
	1730	650	1010.4	938.7	-0.5	24.2	15.6	8.3	11.5	40	+ 5	2.3	+0.1	5.4	0	0	31	01	6	1	11	0	2	0	10	0	0
YEOTMAL	0830	451	1015.7	964.0	-0.6	18.2	13.5	8.9	11.7	55	+ 2	2.3	+0.1	7.4	0	0	29	02	5	13	3	2	1	1	2	2	0
	1730	451	1011.0	960.7	-0.5	24.9	16.0	7.9	10.9	35	+ 2	2.3	+0.0	5.4	0	0	29	02	8	6	4	1	3	3	2	2	0
CHANDRAPUR	0830	193	1015.8	993.1	-0.9	16.8	14.9	13.5	15.4	81	+10	2.6	+0.9	3.6	0	0	23	07	3	7	4	1	0	1	0	8	0
	1730	193	1011.5	989.6	-0.6	25.8	18.4	12.9	15.2	46	+ 3	2.8	+0.9	5.4	0	0	27	03	7	10	1	2	1	1	2	4	0
PUSAD	0830	334	1016.9	977.9	..	15.9	13.3	11.0	13.1	74	..	3.0	..	2.1	0	0	21	00	3	1	5	0	4	0	8	10	0
	1730	334	1011.6	974.1	..	26.4	17.9	10.8	13.6	39	..	3.2	..	4.2	0	0	29	00	7	1	13	0	3	0	5	2	0
SIRONCHA	0830	123	1016.2	1001.8	-0.8	19.0	17.2	15.9	18.2	82	+ 7	1.9	+0.3	0.8	0	0	12	04	1	0	7	0	0	0	0	19	0
	1730	123	1012.1	998.1	-0.2	26.8	19.7	15.0	17.1	49	+10	1.8	+0.5	1.1	0	0	14	04	2	1	6	0	0	0	1	17	0
WARDHA	0830	283	1015.9	983.0	..	17.8	13.7	9.7	12.3	59	..	1.8	..	4.2	0	0	31	10	12	5	2	1	1	0	0	0	0
	1730	283	1011.6	979.6	..	25.4	16.4	8.3	11.4	36	..	2.9	..	3.3	0	0	27	02	6	7	3	2	2	2	3	4	0
BHANDARA	0830		..	..	..	17.0	14.2	11.8	13.9	73	..	.	..	1.8	0	0	19	02	8	2	1	2	1	0	1	12	2
	1730		..	..	..	25.0	16.9	10.2	12.7	41	..	.	..	1.7	0	0	18	01	10	0	0	2	3	1	1	13	0
COASTAL ANDHRA PRADESH																											
KALINGAPATAM	0830	6	1015.9	1015.2	-0.6	21.9	19.2	17.4	20.0	76	- 6	0.9	-1.7(a)	5.9	0	0	25	10	1	0	0	1	0	0	11	2	2
	1730	6	1013.0	1012.3	-0.5	24.3	20.1	17.5	20.0	66	- 3	0.5	-2.2(a)	11.0	0	0	27	01	1	0	5	5	0	0	1	0	14
VISHAKHAPATNAM	0230	3	1013.6	1013.2	..	19.5	18.1	17.2	19.6	90	..	0.9	..	3.7	0	0	21	03	3	0	0	1	0	1	13	10	0
	0530	3	1013.7	1013.3	..	18.7	17.4	16.3	18.8	87	..	1.0	..	2.8	0	0	16	01	1	0	0	2	0	2	10	15	0
	0830	3	1015.8	1015.4	-0.6	22.4	19.3	17.2	19.9	73	- 4	1.7	-0.3	5.6	0	0	24	03	3	0	1	0	0	2	15	7	0
	1130	3	1015.2	1014.8	..	26.9	20.9	17.2	19.7	56	..	2.5	..	10.7	0	3	26	00	3	6	14	1	1	0	1	2	3
	1430	3	1012.5	1012.1	..	27.1	21.4	18.0	20.8	58	..	1.8	..	19.3	0	18	13	00	0	8	20	2	1	0	0	0	0
	1730	3	1012.9	1012.5	-0.3	24.8	20.7	18.3	21.0	67	-11	1.8	-0.2	15.0	0	5	26	00	0	12	12	6	1	0	0	0	0
	2030	3	1014.7	1014.3	..	22.5	19.9	18.3	21.1	77	..	1.4	..	4.5	0	0	23	02	6	6	2	1	3	1	2	8	0
	2330	3	1014.7	1014.3	..	20.8	19.1	18.1	20.8	85	..	1.6	..	3.5	0	0	18	03	2	1	0	0	0	1	11	13	0
KAKINADA	0830	8	1015.7	1014.8	-0.8	24.0	20.5	18.5	21.3	72	+ 0	3.2	+1.2	6.8	0	0	24	02	15	0	1	0	0	0	6	7	0
	1730	8	1012.4	1011.5	-0.7	25.8	21.2	18.5	21.4	65	- 5	1.4	-0.1	12.6	0	0	31	00	3	7	20	1	0	0	0	0	0
NIDADAVOLE	0830	12	1016.1	1014.7	-0.1	22.0	19.5	17.5	20.6	76	- 1	0.6	-2.2	3.0	0	0	31	22	5	3	0	0	0	0	1	0	0
	1730	12	1012.4	1011.1	+0.2	26.6	20.6	17.0	19.4	56	+ 1	1.6	-1.7	3.7	0	0	31	01	0	22	3	5	0	0	0	0	0
RENTACHINTALA	0830	106	1015.4	1003.0	-0.6	20.4	17.9	16.1	18.5	76	+ 5	1.2	-1.3	0.2	0	0	3	00	0	1	0	0	0	2	0	28	0
	1730	106	1010.9	998.9	-0.5	28.7	20.0	14.3	16.3	42	+ 9	1.3	-1.5	0.8	0	0	0	00	0	0	0	0	0	0	0	31	0
GANNAVARAM	0230	24	1012.7	1010.0	..	19.7	18.2	17.0	19.7	85	..	0.7	..	4.3	0	2	12	03	4	7	0	0	0	0	0	17	0
	0530	24	1013.2	1010.3	..	18.7	17.8	16.9	19.7	87	..	0.7	..	5.0	0	0	21	06	7	8	0	0	0	0	0	10	0
	0830	24	1015.5	1012.7	-0.6	22.6	19.4	17.4	20.0	73	- 1	1.5	-0.2	10.7	0	2	27	04	6	17	1	1	0	0	0	2	0
	1130	24	1014.9	1012.1	..	27.0	20.6	16.6	19.0	54	..	2.7	..	12.3	0	3	27	02	2	16	7	3	0	0	0	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JANUARY 1968 (PAUSA 11 - MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
COASTAL ANDHRA PRADESH (CONTD.)																											
GANAVARAM	1430	24	1011.8	1009.1	..	28.7	20.7	15.6	17.8	46	..	2.7	..	12.6	0	1	30	01	1	12	13	3	1	0	0	0	0
	1730	24	1011.8	1009.1	-0.4	26.7	20.2	16.1	18.3	53	- 1	1.6	-0.3	9.4	0	0	30	01	1	5	19	4	0	0	0	1	0
	2030	24	1014.0	1011.2	..	22.2	19.2	17.5	19.9	76	..	0.3	..	5.8	0	0	27	01	0	5	15	6	0	0	0	4	0
	2330	24	1014.1	1011.3	..	20.7	18.5	17.1	19.5	81	..	0.6	..	5.2	0	0	20	03	3	7	6	1	0	0	0	11	0
MASULIPATAM	0830	3	1015.3	1014.9	-0.9	21.4	19.5	18.4	21.0	83	+ 2	2.7	+0.6	3.0	0	0	29	12	7	4	2	0	0	0	4	2	0
	1730	3	1012.2	1011.8	-0.7	25.7	20.9	18.1	20.8	62	- 7	2.6	+1.1	4.3	0	0	31	01	0	20	9	0	0	0	0	0	1
ONGOLE	0830	12	1015.1	1013.8	-0.8	21.6	19.5	18.1	21.0	80	- 1	0.4	-1.7	(a)2.0	0	0	27	08	12	1	0	1	0	0	5	3	0
	1730	12	1011.3	1010.0	-1.1	27.1	21.8	18.7	21.8	61	- 9	0.0	-1.5	(a)2.1	0	0	30	00	21	2	3	0	0	0	0	0	4
NELLORE	0530	20	1013.1	1010.8	..	20.3	19.3	18.7	21.6	93	..	2.3	..	0.6	0	0	3	00	1	0	0	0	0	0	2	28	0
	0830	20	1015.0	1012.7	-0.9	23.0	20.8	19.5	22.8	81	- 3	3.3	+0.2	3.5	0	0	26	00	1	0	3	0	0	0	22	5	0
	1130	20	1014.4	1012.1	..	27.9	22.3	19.6	22.4	60	..	4.0	..	8.4	0	0	31	00	8	6	6	0	0	0	11	0	0
	1430	20	1011.7	1009.4	..	28.7	22.8	19.7	22.9	59	..	3.1	..	8.0	0	0	31	01	12	4	7	0	0	1	6	0	0
	1730	20	1011.9	1009.7	-0.3	26.5	22.1	19.8	22.9	67	+ 3	3.9	+1.0	8.1	0	0	31	00	21	0	5	0	0	0	5	0	0
	2330	20	1013.7	1011.4	..	21.8	20.4	19.6	22.8	87	..	2.2	..	0.8	0	0	8	00	3	5	0	0	0	0	0	23	0
VISHAKHAPATNAM (SOLAR)	0830	66	1015.6	1007.9	..	23.3	19.1	16.5	18.7	68	..	1.1	..	2.3	0	0	15	03	7	0	0	0	0	5	0	16	0
TELANGANA																											
RAMGUNDAM	0830	156	1015.6	997.6	-0.5	20.1	17.1	15.2	17.0	72	+ 8	2.7	+0.6	3.5	0	0	30	08	4	3	8	6	1	0	0	1	0
	1730	156	1011.5	993.9	-0.1	27.6	19.5	13.9	16.1	44	+ 9	1.3	-0.7	3.9	0	0	27	08	4	0	8	7	0	0	0	4	0
NIZAMABAD	0830	381	1015.4	971.7	-0.4	19.3	15.7	12.9	14.9	67	+ 3	1.8	+0.2	0.4	0	0	3	01	0	1	1	0	0	0	0	28	0
	1730	381	1010.8	968.2	-0.1	26.9	18.2	11.5	13.8	40	+ 8	1.3	-0.7	1.0	0	0	11	03	3	2	1	0	1	1	0	20	0
HANAMKONDA	0830	269	1015.8	984.9	-0.5	21.1	17.5	15.4	17.0	76	+ 1	0.7	-1.4	1.6	0	0	24	05	0	0	2	11	5	1	0	7	0
	1730	269	1012.5	982.7	+0.9	26.3	18.5	13.6	15.1	47	+11	0.5	-1.1	1.6	0	0	25	08	2	0	9	6	0	0	0	6	0
HAKIMPET AERODROME	0530	613	1013.5	943.9	..	16.0	14.1	12.8	14.7	83	..	1.5	..	8.8	0	2	22	01	3	7	9	3	0	1	0	7	0
	0830	613	1014.9	945.6	..	19.0	16.1	13.7	16.2	72	..	2.8	..	8.6	0	1	25	00	3	8	13	1	0	0	1	5	0
	1130	613	1013.4	945.5	..	24.2	17.1	12.4	14.3	49	..	2.2	..	16.3	0	7	23	01	2	2	16	6	1	0	1	1	1
	1730	613	1010.9	943.7	..	25.2	17.2	11.3	13.7	43	..	2.4	..	11.1	0	1	29	03	2	6	12	4	0	1	1	1	1
	2330	613	1013.6	944.6	..	19.2	15.2	12.0	14.4	64	..	1.2	..	8.4	0	3	19	00	4	5	9	3	0	0	1	9	0
BHADRACHALLAM	0830	111	1015.5	1002.6	-1.2	20.4	17.6	15.7	17.8	75	- 2	1.2	-1.1	3.3	0	0	30	01	26	0	0	0	0	0	3	1	0
	1730	111	1010.8	998.3	-1.0	28.2	19.2	12.9	15.0	39	- 2	1.5	-0.8	3.2	0	0	31	00	28	0	0	0	0	0	3	0	0
HYDERABAD (BEGAMPET)	0230	545	1013.2	951.2	..	17.0	14.5	12.7	14.7	76	..	0.5	..	3.8	0	0	19	04	2	3	8	2	0	0	0	12	0
	0530	545	1013.6	951.3	..	15.5	14.1	13.1	15.1	85	..	0.9	..	3.0	0	0	17	03	0	5	8	1	0	0	0	14	0
	0830	545	1015.8	953.7	-0.6	17.0	15.2	13.8	16.0	82	+ 3	2.6	+0.2	2.8	0	0	14	02	2	1	7	1	0	1	0	17	0
	1130	545	1013.8	953.3	..	24.4	17.0	11.6	14.0	45	..	2.2	..	12.3	0	2	28	00	2	7	10	6	4	0	1	1	0
	1730	545	1010.6	950.4	-0.2	26.4	17.1	10.6	12.7	38	+ 2	2.4	+0.3	8.1	0	0	30	00	1	9	12	5	1	2	0	1	0
	2330	545	1014.1	952.2	..	18.2	15.2	12.6	15.1	67	..	0.9	..	4.0	0	0	18	05	1	2	8	1	0	0	1	13	0
KHAMMAM	0830	112	1015.8	1002.6	-0.5	21.5	18.8	17.0	19.5	76	- 4	1.5	-0.5	2.7	0	0	15	03	1	7	3	1	0	0	0	16	0
	1730	112	1011.2	998.7	-0.4	28.7	20.1	14.5	16.5	36	- 4	3.0	+0.8	0.9	0	0	11	03	0	2	3	3	0	0	0	20	0
MAHBUBNAGAR	0830	505	1014.5	957.5	-0.8	20.6	16.1	12.7	15.1	61	- 8	2.8	+1.0	6.1	0	0	26	02	4	12	1	3	3	0	1	5	0
	1730	505	1009.7	954.0	-0.7	26.9	17.1	9.8	12.3	35	- 3	1.9	-0.2	2.6	0	0	28	00	1	17	5	3	1	1	0	3	0
RAYALASEEMA																											
KURNOOL	0830	281	1015.3	983.1	-0.2	20.8	16.3	12.8	14.5	61	- 9	1.3	-0.4	4.6	0	0	31	00	14	0	13	0	4	0	0	0	0
	1730	281	1010.0	978.8	-0.4	29.5	18.6	10.0	12.6	30	- 2	2.2	-0.1	3.8	0	0	24	00	6	0	13	0	2	0	2	7	1
NANDYL	0830	212	1014.7	989.3	..	20.1	17.3	15.4	17.5	74	..	1.0	..	3.6	0	0	24	05	1	6	0	3	4	5	0	7	0
	1730	212	1010.1	986.5	..	29.0	20.1	14.1	16.3	41	..	2.5	..	8.6	0	1	28	02	1	17	9	0	0	0	0	2	0
ANANTAPUR	0530	350	1012.4	972.2	..	18.2	15.8	13.9	16.0	76	..	0.8	..	2.5	0	0	9	00	1	6	2	0	0	0	0	22	0
	0830	350	1014.5	974.6	-0.6	20.9	17.1	14.4	16.4	67	- 2	1.3	-0.3	4.6	0	0	18	00	5	4	7	1	1	0	0	13	0
	1130	350	1013.2	974.1	..	26.5	18.7	13.2	15.3	44	..	1.6	..	11.0	0	3	26	01	8	9	9	2	0	0	0	2	0
	1430	350	1009.4	970.8	..	29.1	19.2	12.1	14.1	35	..	1.9	..	10.4	0	2	27	00	13	10	4	0	0	1	1	2	0
	1730	350	1009.0	970.4	-0.6	28.9	19.2	12.3	14.4	36	+ 0	2.0	-0.1	9.3	0	3	26	00	12	14	2	0	0	0	1	2	0
	2030	350	1011.5	972.3	..	25.3	18.3	13.4	15.4	48	..	0.6	..	8.4	0	0	27	00	7	18	2	0	0	0	0	4	0
	2330	350	1012.2	973.2	..	23.0	17.7	13.9	16.0	57	..	0.4	..	14.0	0	7	23	00	2	24	4	0	0	0	0	1	0
CUDDAPAH	0830	130	1015.0	1000.0	-0.9	23.1	19.4	17.0	19.5	69	+ 1	1.1	-1.1	1.1	0	0	9	00	0	7	2	0	0	0	0	22	0
	1730	130	1010.5	995.9	-0.8	28.7	20.9	16.0	18.3	47	- 7	1.4	-1.2	4.2	0	0	27	00	1	19	7	0	0	0	0	4	0
AROGYAVARAM	0830	701	1014.8	936.2	-0.9	18.6	17.4	16.7	19.0	85	+ 6	3.2	+0.0	4.8	0	0	24	00	2	1	18	1	2	0	0	7	0
	1730	701	1009.5	933.1	-0.7	25.1	20.9	19.0	21.6	68	+21	4.1	+0.5	7.5	0	0	31	01	19	2	7	0	0	0	2	0	0
MADRAS STATE (INCLUDING PONDICHERRY																											
MADRAS	0830	6	1014.6	1013.9	-0.3	24.2	21.1	19.4	22.5	75	- 3	3.4	-0.4	3.0	0	0	17	05	2	7	0	0	0	2	0	14	1
	1730	6	1011.6	1010.9	..	25.8	21.4	19.0	21.8	66	..	2.8	..	6.6	0	1	29	04	15	8	2	1	0	0	0	1	0
MADRAS (MINAMBAKKAM)	0230	16	1012.2	1010.4	..	21.4	20.0	19.2	22.2	88	..	2.2	..	0.6	0	0	4	02	0	1	1	0	0	0	0	27	0
	0530	16	1012.4	1010.6	..	20.8	19.7	19.0	22.1	90	..	2.3	..	1.8	0	0	9	01	1	1	0	0	0	2	4	22	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1968 (PAUSA 11 - MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mb.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Kn. per hour	No. of observations: Wind Speed (Kn. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADRAS STATE (INCLUDING PONDICHERRY (CONTD.)																											
MADRAS	0830	16	1014.7	1012.9	-0.7	23.3	20.9	19.6	22.8	80	- 3	3.3	-0.3	6.0	0	0	25	06	3	1	0	0	0	4	11	6	0
	1130	16	1014.2	1012.4	..	27.4	21.7	18.5	21.3	58	..	4.4	..	12.6	0	4	26	08	10	10	1	0	0	0	1	1	0
	1430	16	1011.4	1009.7	..	27.7	22.0	18.8	21.8	59	..	3.6	..	13.8	0	5	26	04	13	11	1	0	0	1	1	0	0
	1730	16	1011.7	1010.0	-0.5	25.9	21.4	18.9	21.8	66	- 1	3.1	-0.3	12.3	0	0	31	04	14	13	0	0	0	0	0	0	0
	2030	16	1013.6	1011.8	..	23.8	21.0	19.4	22.5	76	..	1.7	..	4.6	0	0	19	02	10	6	1	0	0	0	0	12	0
	2330	16	1013.6	1011.8	..	22.5	20.6	19.5	22.7	83	..	2.2	..	3.9	0	0	17	06	3	3	1	0	0	1	3	14	0
VELLORE	0530	214	1013.2	988.4	..	19.1	18.0	17.3	19.7	89	..	2.7	..	1.0	0	0	9	03	6	0	0	0	0	0	0	22	0
	0830	214	1015.2	990.6	-0.4	20.9	18.9	17.6	20.2	81	- 4	2.7	-0.9	0.6	0	0	4	00	2	1	0	0	1	0	0	27	0
	1130	214	1014.2	990.0	..	26.3	20.4	16.7	19.3	55	..	3.8	..	5.3	0	0	26	04	14	6	1	0	0	0	1	5	0
	1730	214	1010.7	986.7	-0.4	27.8	20.1	15.1	17.3	46	- 6	3.3	+0.1	8.5	0	0	30	00	15	13	2	0	0	0	0	1	0
	2330	214	1014.0	989.5	..	22.4	19.5	17.7	20.2	75	..	2.0	..	4.2	0	0	20	01	10	8	1	0	0	0	0	11	0
TAMBARAM AERODROME	0830	29	1014.2	1010.8	..	23.5	21.7	20.6	24.4	84	..	3.6	..	10.9	0	4	26	14	3	0	1	0	0	2	10	1	0
	1730	29	1011.5	1008.3	..	26.1	21.4	18.8	21.6	65	..	3.2	..	19.8	0	11	20	02	14	13	2	0	0	0	0	0	0
TIRUPPATTUR	0830	390	1012.3	967.9	-3.0	21.8	21.0	20.2	24.3	92	+ 4	5.4	+0.3	2.4	0	0	24	19	0	0	0	5	0	0	0	7	0
	1730	390	1007.2	964.0	-3.0	24.8	22.6	21.5	25.6	83	+29	6.5	+1.6	4.5	0	0	28	25	0	0	0	3	0	0	0	3	0
METTUR DAM R.S.	0830	244	..	..	..	22.6	19.5	17.6	20.2	73	..	2.8	..(a)	2.6	0	0	27	00	17	0	4	0	0	0	6	3	0
	1730	244	..	..	..	28.1	22.6	19.6	22.9	61	..	2.5	..	3.2	0	0	30	00	16	0	2	0	1	0	11	0	0
CUDDALORE	0530	6	1012.0	1010.6	..	20.9	19.8	19.1	22.1	89	..	3.3	..	1.1	0	0	8	01	3	0	0	0	0	0	4	23	0
	0830	6	1013.9	1012.4	-1.3	23.2	21.1	20.1	23.2	81	- 2	2.9	-1.2	5.3	0	0	29	03	8	2	0	0	0	0	16	2	0
	1130	6	1013.9	1012.5	..	27.4	22.1	19.2	22.2	61	..	4.0	..	9.1	0	0	31	03	20	5	1	1	0	0	1	0	0
	1430	6	1011.1	1009.7	..	27.5	22.2	19.2	22.4	61	..	3.5	..	11.4	0	2	29	00	24	3	3	1	0	0	0	0	0
	1730	6	1011.4	1010.0	-0.6	26.1	21.9	19.1	22.8	67	- 4	2.3	-1.4	9.0	0	0	31	00	22	7	2	0	0	0	0	0	0
	2330	6	1013.1	1011.7	..	24.2	21.3	19.7	22.9	76	..	1.9	..	6.8	0	0	26	07	14	3	2	0	0	0	0	5	0
KALLAKKURICHCHI	0830	21	1014.3	999.6	-1.0	22.8	20.7	19.6	22.7	83	+ 6	2.0	-1.4	1.4	0	0	9	01	0	0	0	0	0	0	8	22	0
	1730	21	1009.9	995.9	-0.6	28.0	21.8	18.9	21.0	56	+ 3	3.1	-0.6	5.2	0	0	22	00	22	0	0	0	0	0	0	9	0
SALEM	0530	278	1012.1	980.2	..	20.2	17.6	15.8	18.1	76	..	1.5	..	3.6	0	0	18	00	1	17	0	0	0	0	0	13	0
	0830	278	1014.1	982.5	-0.7	22.3	18.4	15.7	18.1	67	- 6	2.5	+0.0	2.7	0	0	14	00	0	5	5	0	0	0	0	17	4
	1130	278	1013.1	981.9	..	27.7	19.9	14.9	16.6	47	..	2.9	..	7.0	0	0	30	00	7	17	1	0	0	0	0	1	5
	1730	278	1008.9	978.3	-0.5	29.1	20.0	14.0	16.0	40	- 3	3.2	+0.2	4.8	0	0	24	00	4	14	4	1	0	0	0	7	1
	2330	278	1012.5	980.4	..	23.2	19.1	16.5	18.8	66	..	1.5	..	13.4	0	1	28	00	0	28	0	0	0	0	0	2	1
COIMBATORE (PILAMEDU)	0530	399	1012.5	967.2	..	19.9	18.5	17.5	20.1	86	..	3.0	..	7.0	0	1	15	03	6	5	1	0	0	0	1	15	0
	0830	399	1014.5	969.3	-0.4	21.6	19.6	18.4	21.1	82	+ 6	3.6	-0.1	11.5	0	3	22	01	11	12	1	0	0	0	0	6	0
	1130	399	1013.1	968.6	..	25.9	20.8	17.6	20.5	61	..	3.7	..	15.3	0	5	24	01	14	12	2	0	0	0	0	2	0
	1430	399	1009.0	965.2	..	29.1	21.5	16.6	19.5	49	..	3.5	..	13.4	0	8	16	01	9	9	4	1	0	0	0	7	0
	1730	399	1008.7	964.9	-0.4	29.1	21.6	16.9	19.7	49	+ 9	3.0	+0.0	17.1	0	12	17	00	4	19	3	0	3	0	0	2	0
	2030	399	1011.4	966.8	..	25.4	20.2	16.8	19.5	60	..	2.4	..	10.7	0	1	23	01	3	17	0	2	1	0	0	7	0
	2330	399	1012.5	967.6	..	23.0	19.7	17.5	20.2	71	..	2.4	..	11.4	0	6	13	00	0	14	3	1	1	0	0	12	0
COIMBATORE	0830	409	1014.1	968.0	-0.5	22.4	18.9	16.7	19.0	70	- 5	4.3	+0.4	4.1	0	0	31	00	31	0	0	0	0	0	0	0	0
NAGAPATTINAM	0830	9	1013.8	1012.7	-0.8	24.3	21.4	19.7	23.2	76	- 2	4.3	-0.1	11.8	0	7	23	05	5	2	1	0	0	0	17	1	0
	1730	9	1010.8	1009.7	-0.8	26.7	22.2	19.7	23.1	66	- 8	3.7	-0.3	21.9	0	23	8	05	23	2	1	0	0	0	0	0	0
TIRUCHCHIRAPPALLI	0230	88	1011.6	1001.5	..	21.1	19.6	18.7	21.6	87	..	2.2	..	8.1	0	1	26	16	9	0	0	0	0	0	2	4	0
	0530	88	1011.7	1001.6	..	20.4	19.2	18.4	21.3	88	..	2.2	..	6.9	0	0	26	15	6	0	0	0	0	3	2	5	0
	0830	88	1013.9	1003.8	-0.9	23.4	20.7	19.0	22.1	76	- 3	3.0	-0.4	12.3	0	4	27	16	6	0	0	0	0	3	6	0	0
	1130	88	1013.2	1003.3	..	27.5	21.4	17.9	20.5	56	..	4.1	..	16.4	0	11	20	12	17	0	1	0	0	0	1	0	[illegible]
	1430	88	1010.0	1000.1	..	29.2	21.5	16.8	19.4	48	..	4.1	..	15.5	0	9	22	04	22	3	2	0	0	0	0	0	[illegible]
	1730	88	1009.8	999.9	-0.8	28.2	21.3	17.1	19.7	52	- 2	3.3	-0.4	15.5	0	8	23	00	23	8	0	0	0	0	0	0	[illegible]
	2030	88	1012.2	1002.1	..	24.1	20.8	18.6	21.8	73	..	2.0	..	15.5	0	5	26	01	21	9	0	0	0	0	0	0	[illegible]
	2330	88	1012.8	1002.7	..	22.0	20.3	19.3	22.4	85	..	1.9	..	9.0	0	2	28	07	21	2	0	0	0	0	0	1	[illegible]
VEDARANNIYAM	0830	4	1013.6	1013.1	..	25.1	22.3	20.7	24.7	77	..	4.8	..	4.8	0	0	31	13	12	1	0	0	0	0	5	0	[illegible]
	1730	4	1010.5	1010.0	..	26.5	22.7	20.6	24.4	70	..	4.3	..	5.5	0	0	31	07	23	1	0	0	0	0	0	0	[illegible]
ATIRAMPATTINAM	0830	6	1013.6	1012.9	..	22.9	21.2	20.3	23.8	85	..	3.6	..	8.0	0	0	31	15	4	0	0	0	0	0	12	0	[illegible]
	1730	6	1010.6	1009.9	..	27.3	22.1	19.3	22.4	63	..	3.3	..	14.2	0	3	27	03	14	11	1	1	0	0	0	0	[illegible]
MADURAI	0830	133	1014.1	998.8	-0.4	23.3	21.1	20.4	23.2	82	+ 7	4.2	+0.3	5.7	0	0	29	14	5	0	0	0	1	1	8	2	[illegible]
MADURAI AERODROME	0530	131	1011.7	996.6	..	20.8	19.6	18.9	21.8	89	..	2.3	..	8.2	0	1	25	15	10	0	0	0	0	0	1	5	[illegible]
	0830	131	1013.9	998.8	-0.3	23.5	20.5	18.7	21.6	74	- 3	3.7	+0.0	10.5	0	1	29	17	5	0	0	0	0	0	8	1	[illegible]
	1130	131	1012.9	998.1	..	27.5	21.3	17.6	20.2	55	..	4.0	..	17.3	0	12	18	07	20	3	0	0	0	0	0	1	[illegible]
	1730	131	1009.5	994.7	-0.4	28.1	21.1	16.9	19.3	52	- 2	3.8	-0.3	18.7	0	17	14	01	19	11	0	0	0	0	0	0	[illegible]
TONDI	0830	5	1013.9	1013.3	+0.1	23.5	21.5	20.4	24.0	82	+ 1	3.7	-1.2	3.0	0	0	17	12	3	2	0	0	0	0	0	14	[illegible]
	1730	5	1010.7	1010.1	+0.2	27.0	23.3	21.4	25.6	72	- 3	2.9	-2.0	10.1	0	0	31	01	18	11	1	0	0	0	0	0	[illegible]
PAMBAN	0830	11	1013.0	1011.7	-1.0	25.3	22.7	21.4	25.5	80	- 1	4.5	+0.3	19.6	0	16	15	15	11	3	1	0	0	0	1	0	[illegible]

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1968 (PAUSA 11 - MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gram. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
MADRAS STATE (INCLUDING PONDICHERRY) (CONTD.)																										
PAMBAN	1730	11	1009.9	1008.6	-1.0	26.3	22.9	21.1	25.2	73	- 8	3.9	+0.6	21.0	0	18	13	06	23	2	0	0	0	0	0	0
TUTICORIN	0830	4	1013.8	1013.4	-0.9	24.5	21.6	20.0	23.5	76	- 1	3.1	+0.2	12.9	0	1	30	23	2	1	0	0	0	0	5	0
	1730	4	1009.8	1009.4	-0.9	27.0	23.7	22.0	26.6	74	+ 0	1.8	-0.3	29.9	0	29	2	01	18	12	0	0	0	0	0	0
PALAYANKOTTAI	0830	51	1014.9	1009.1	+0.6	24.5	22.3	20.8	25.2	79	+ 3	5.9	+1.3	7.9	0	0	31	29	0	0	0	0	0	[illegible]	0	0
	1730	51	1009.7	1004.0	-0.3	28.4	23.0	19.5	23.7	59	+ 0	4.2	+0.0	8.2	0	0	31	11	3	16	1	0	0	0	0	0
KANNIYAKUMARI	0830	37	1012.4	1008.3	..	25.4	21.3	18.8	22.0	68	..	4.7	..	24.1	0	21	10	15	16	0	0	0	0	0	0	0
	1730	37	1009.0	1004.9	..	27.4	22.6	20.0	23.5	65	..	4.3	..	24.9	0	22	9	01	19	11	0	0	0	0	0	0
PONDICHERRY	0830	6	1013.8	1013.1	..	24.2	21.3	19.7	22.9	77	..	2.8	..	14.6	0	5	25	10	3	2	1	0	0	2	12	1
	1730	6	1011.0	1010.2	..	26.2	22.6	20.7	24.4	71	..	2.5	..	26.2	0	25	6	02	18	8	3	0	0	0	0	0
PORTNOVO	0830	3	1014.0	1013.6	..	25.4	23.8	23.0	28.1	87	..	.	..	5.2	0	0	30	15	5	1	1	0	0	0	8	0
TUTICORIN H.P.	0830	3	1013.7	1013.3	..	24.5	22.0	20.6	24.4	79	..	3.5	..	20.1	0	13	18	23	2	1	0	0	0	0	5	0
	1130	3	1013.0	1012.7	..	27.5	23.0	20.7	24.4	67	..	2.9	..	20.3	0	17	14	10	19	2	0	0	0	0	0	0
	1430	3	1009.7	1009.4	..	28.2	23.5	21.1	25.0	66	..	3.2	..	23.3	0	22	9	02	11	17	1	0	0	0	0	0
	1730	3	1009.5	1009.1	..	27.0	13.5	21.6	25.8	73	..	2.9	..	28.1	0	30	1	01	12	18	0	0	0	0	0	0
COASTAL MYSORE																										
KARWAR	0830	4	1013.7	1013.1	-0.1	21.9	18.5	15.9	18.3	72	- 4	0.9	-0.8	12.9	0	0	31	00	5	24	1	0	0	0	1	0
	1730	4	1010.1	1009.7	+0.0	28.2	22.2	18.7	21.8	58	- 2	0.9	-0.7	6.9	0	0	31	01	0	1	2	0	1	10	15	0
HONAVAR	0830	26	1013.4	1010.4	-0.6	21.7	18.2	15.6	18.1	70	+ 2	1.3	-1.3	5.6	0	0	30	00	10	20	0	0	0	0	0	1
	1730	26	1009.9	1006.9	-0.5	28.7	22.2	18.6	21.0	55	- 4	1.8	-0.6	7.1	0	0	31	01	0	2	0	0	0	21	7	0
MANGALORE (BAJPE)	0230	102	1010.5	998.9	..	22.5	20.1	18.6	21.6	79	..	1.3	..	3.8	0	0	16	04	4	7	0	0	0	0	1	15
	0530	102	1010.7	999.0	..	21.4	19.3	18.0	20.8	81	..	1.7	..	7.3	0	1	19	02	5	12	1	0	0	0	0	11
	0830	102	1012.7	1001.1	-0.6	24.2	19.9	17.2	19.7	66	- 4	2.2	-0.1	10.1	0	2	24	01	3	22	0	0	0	0	0	5
	1130	102	1012.3	1000.9	..	29.7	21.0	15.6	17.8	43	..	2.4	..	13.2	0	7	19	04	0	12	1	1	1	1	5	5
	1430	102	1009.1	997.8	..	31.1	22.0	16.5	19.0	42	..	2.9	..	17.1	0	11	18	00	1	0	1	0	3	17	6	2
	1730	102	1009.3	997.6	-0.5	28.5	21.9	18.2	20.9	54	- 3	2.6	+0.4	14.1	0	10	21	00	0	0	0	0	0	20	11	0
	2030	102	1011.2	999.6	..	25.0	21.6	19.7	23.1	73	..	1.5	..	[illegible]	0	1	22	12	0	0	0	0	0	0	11	8
	2330	102	1011.7	1000.0	..	23.9	21.0	19.4	22.4	76	..	1.7	..	[illegible]	0	0	20	18	0	1	0	0	0	0	1	11
MANGALORE	0830	22	1012.7	1010.2	-0.7	24.0	19.8	17.2	19.6	67	- 4	1.9	-0.4	4.3	0	0	31	00	2	15	11	0	1	1	1	0
	1730	22	1009.2	1006.7	-0.6	28.8	22.5	19.1	22.1	57	- 4	1.1	-1.0	6.4	0	0	31	05	1	0	0	0	4	5	11	0
MANGALORE H.P.	0830	32	1012.3	1008.6	..	23.4	20.6	18.7	22.0	75	..	1.4	..	7.4	0	0	31	01	1	17	12	0	0	0	0	0
	1130	32	1012.2	1008.6	..	29.5	21.6	16.8	19.4	47	..	2.0	..	12.2	0	1	30	03	1	5	9	0	0	3	10	0
	1730	32	1008.9	1005.3	..	28.2	22.6	19.7	22.8	60	..	1.5	..	14.7	0	7	24	05	0	0	0	0	0	8	18	0
INTERIOR MYSORE, NORTH																										
BIDAR	0830	664	1014.8	940.1	-0.7	18.5	14.4	11.2	13.4	63	+ 1	2.6	+0.7	9.9	0	1	28	00	6	6	5	9	2	0	1	2
	1730	664	1009.6	937.0	-0.5	25.3	16.3	9.3	12.0	38	+ 3	2.9	+0.0	10.3	0	1	28	01	5	9	2	2	8	1	0	2
GULBARGA	0830	458	1015.1	962.7	-1.0	18.7	14.3	10.5	13.1	60	+ 6	2.5	+1.1	5.3	0	0	19	00	3	12	1	3	0	0	0	12
	1730	458	1009.2	959.1	-0.6	28.6	17.2	8.8	11.3	29	+ 2	2.6	+0.5	6.1	0	0	23	00	4	13	2	0	3	1	0	8
BIJAPUR	0830	594	1015.1	947.6	-0.6	17.2	14.1	10.7	12.9	64	+ 8	1.9	+0.3	5.3	0	0	24	07	3	1	7	3	1	0	2	[illegible]
	1730	594	1008.6	943.8	-0.8	27.9	17.8	10.6	13.0	34	+ 3	2.3	-0.1	2.9	0	0	28	05	2	0	11	1	6	2	[illegible]	3
RAICHUR	0830	400	1014.6	969.7	-0.7	21.5	16.3	12.2	14.3	55	- 9	3.3	+1.7	4.7	0	0	30	00	10	1	17	0	2	0	0	1
	1730	400	1009.6	965.2	-0.9	28.7	18.0	9.7	11.9	31	- 1	3.6	+1.4	4.1	0	0	28	00	13	1	11	0	2	1	0	3
BELGAUM	0830	753	1015.9	931.1	+0.2	17.0	14.5	12.6	14.7	76	+10	0.7	-0.2	1.2	0	0	7	00	0	7	0	0	0	0	0	24
	1730	753	1008.6	927.0	-0.8	26.7	19.0	14.2	16.3	46	+16	1.1	-0.4	3.3	0	0	22	00	0	13	0	1	2	5	0	9
BELGAUM (SAMRA)	0530	747	1013.1	928.6	..	14.9	12.2	9.8	12.3	73	..	0.5	..	2.3	0	0	10	00	4	4	2	0	0	0	0	21
	0830	747	1014.4	930.7	-0.5	17.8	13.6	10.1	12.5	61	+ 0	2.1	+0.4	5.2	0	2	15	00	5	5	6	0	1	0	0	14
	1130	747	1012.6	930.6	..	24.3	15.7	9.0	11.5	38	..	1.7	..	12.0	0	5	26	03	5	6	11	3	1	2	0	0
	1430	747	1008.5	927.7	..	27.1	16.1	7.1	10.3	28	..	2.3	..	11.6	0	3	27	00	3	4	8	4	4	2	1	1
	1730	747	1008.5	927.5	-0.6	26.8	16.2	8.1	10.7	31	- 5	2.1	+0.1	10.0	0	2	25	00	4	6	3	1	9	4	0	4
GADAG	2030	747	1012.0	929.3	..	21.2	15.5	11.7	13.5	54	..	1.1	..	7.2	0	0	25	00	0	5	1	0	8	10	1	6
	0530	650	1012.7	939.3	..	17.1	15.4	14.1	16.3	83	..	0.3	..	4.8	0	0	22	00	0	11	7	0	1	3	0	9
	0830	650	1014.3	941.0	-1.2	18.3	16.3	14.9	17.0	77	+16	1.2	-1.1	2.1	0	0	23	00	1	16	1	1	0	4	0	8
	1130	650	1012.5	941.2	..	26.0	20.9	18.1	21.0	62	..	1.0	..	8.3	0	0	30	00	2	12	8	0	3	3	2	1
	1430	650	1008.6	938.2	..	29.0	21.9	18.1	21.0	53	..	2.1	..	7.4	0	1	23	00	4	10	3	1	4	2	0	7
	1730	650	1008.5	937.8	-0.7	28.4	21.5	17.8	20.5	54	+19	1.8	-1.0	2.5	0	0	30	01	1	16	1	4	1	6	0	1
	2030	650	1011.5	939.7	..	23.6	18.7	15.6	18.1	62	..	0.7	..	5.9	0	0	25	00	2	10	3	0	6	4	0	6
	2330	650	1012.6	940.1	..	20.6	17.4	15.2	17.5	73	..	0.2	..	7.8	0	0	28	00	1	10	4	0	2	11	0	3
BIDAR A.F.	0530	665	1013.7	938.1	..	15.8	13.0	10.6	12.9	72	..	1.3	..	9.5	0	1	29	02	7	3	7	8	1	1	1	1
	0830	665	1015.1	940.0	..	18.5	14.2	10.7	13.0	61	..	2.4	..	13.6	0	1	29	02	4	6	5	10	2	0	1	1
	1130	665	1013.8	940.1	..	23.9	16.0	9.7	12.4	41	..	1.9	..	14.5	0	9	22	01	2	4	12	8	3	1	0	0
	1730	665	1010.2	937.2	..	25.5	15.7	7.6	10.7	33	..	2.2	..	11.1	0	3	25	02	6	6	5	2	4	3	0	3

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JANUARY, 1968 (PAUSA 11 - MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry Bulb	Mean temperature in °C: Wet Bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	Wind Speed (Km. p. h.): 62 or more	Wind Speed (Km. p. h.): 20 to 61	Wind Speed (Km. p. h.): 1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
ITERIOR MYSORE NORTH (CONTD.)																											
BIDAR A.F.	2330	665	1013.9	939.3	..	19.7	14.1	9.6	12.0	54	..	1.2	..	10.7	0	0	30	03	10	4	7	3	2	0	0	1	1
ITERIOR MYSORE, SOUTH																											
BELLARY	0830	449	1014.9	963.8	-0.5	19.4	16.6	14.4	16.6	72	+ 7	1.8	-0.4	9.5	0	0	30	01	2	5	8	13	0	0	1	1	0
	1730	449	1008.9	959.8	-0.4	29.9	19.4	11.8	14.0	33	+ 2	2.7	+0.0	8.3	0	0	31	01	1	6	15	5	0	1	2	0	0
CHITRADURGA	0830	733	1013.7	931.8	-1.0	19.0	15.6	13.3	15.3	69	+ 4	1.4	-1.0	4.9	0	0	20	00	1	14	2	1	1	1	0	11	0
	1730	733	1007.8	928.6	-0.9	27.8	17.6	10.2	12.7	34	+ 1	1.2	-1.2	6.7	0	0	30	01	3	18	1	0	2	4	1	1	0
SHIMOGA	0830	571	1013.9	949.3	-1.1	18.3	15.5	13.4	15.6	74	- 2	2.9	+0.5	0.5	0	0	6	01	0	5	0	0	0	0	0	25	0
	1730	571	1007.2	945.3	-0.6	29.5	17.8	9.1	11.9	28	- 5	3.0	+0.7	1.6	0	0	18	01	5	7	0	0	1	2	2	13	0
AGUMBE	0830	1018	..	..	..	17.9	15.2	13.4	15.3	75	..	.	..	5.1	0	1	29	00	30	0	0	0	0	0	0	1	0
BALEHONNUR	0830	907	..	..	..	19.5	16.1	13.7	15.9	69	- 9	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
HASSAN	0830	960	1514.5	907.6	-1.2	15.9	14.3	12.9	15.2	82	+ 8	2.0	-0.4	2.8	0	0	17	00	2	12	3	0	0	0	0	14	0
	1730	960	1505.8	904.7	-0.7	26.5	17.3	10.7	13.0	37	+ 0	0.7	-1.8	2.2	0	0	24	00	3	9	3	0	4	4	1	7	0
BANGALORE	0230	921	1509.3	911.1	..	16.7	15.5	14.6	16.7	88	..	1.3	..	6.0	0	0	28	00	0	24	4	0	0	0	0	3	0
	0830	921	1525.4	912.7	-0.4	17.3	15.7	14.7	16.7	85	+ 8	3.3	-0.4	3.7	0	0	26	00	0	13	12	0	0	0	0	5	1
	1130	921	1536.8	912.6	..	23.7	17.4	13.3	15.3	53	..	3.3	..	6.1	0	0	29	00	3	15	6	0	1	0	1	2	3
	1430	921	1521.8	910.4	..	26.3	17.9	12.3	14.4	43	..	3.5	..	5.4	0	0	27	00	5	10	8	1	2	1	0	4	0
	1730	921	1517.2	910.1	+0.2	25.3	17.3	11.8	13.9	44	+ 4	3.5	+0.6	5.0	0	2	20	00	2	12	6	0	1	1	0	9	0
	2030	921	1522.0	911.6	..	20.9	16.6	13.8	15.7	64	..	1.2	..	4.2	0	0	24	00	2	16	6	0	0	0	0	7	0
BANGALORE AERODROME	0530	897	1497.5	912.8	..	15.2	14.6	14.1	16.2	93	..	1.8	..	8.7	0	1	28	00	4	22	3	0	0	0	0	2	0
	0830	897	1520.8	914.9	-0.9	17.1	15.4	14.3	16.3	85	+ 7	4.0	+0.3	9.9	0	1	30	00	3	22	5	1	0	0	0	0	0
	1130	897	1530.5	914.5	..	23.4	17.0	12.6	14.7	51	..	2.9	..	14.0	0	7	24	00	3	17	7	3	1	0	0	0	0
	1730	897	1506.6	911.6	-0.9	25.2	16.9	10.9	13.2	42	- 3	2.8	-0.1	12.3	0	3	26	01	3	19	4	0	0	1	1	2	0
	2330	897	1512.4	913.8	..	18.1	15.7	14.0	16.1	77	..	0.9	..	12.9	0	5	25	00	4	24	2	0	0	0	0	1	0
MYSORE	0830	767	1013.9	928.3	-0.9	18.8	15.8	13.8	15.8	76	+ 1	3.1	+0.1	9.9	0	2	29	02	3	5	5	5	5	4	2	0	0
	1730	767	1007.5	924.8	-1.0	27.5	17.1	9.5	11.9	33	+ 3	2.9	+0.0	12.3	0	2	29	09	8	7	1	5	1	0	0	0	0
YALANKA A.F.	0530	932	1498.7	909.6	..	14.5	13.8	13.2	15.3	93	..	2.6	..	13.3	0	0	28	00	2	18	7	1	0	0	0	3	0
	0830	932	1521.6	911.1	..	17.5	15.5	14.1	16.2	81	..	3.8	..	14.5	0	2	29	00	3	17	9	2	0	0	0	0	0
	1130	932	1534.2	911.4	..	24.3	17.3	12.5	14.7	49	..	3.2	..	17.8	0	8	23	01	2	15	7	3	1	2	0	0	0
	1730	932	1507.7	908.4	..	25.3	16.9	10.8	13.1	41	..	3.7	..	15.6	0	5	26	01	4	20	3	1	0	2	0	0	0
	2330	932	1513.9	910.6	..	17.9	15.5	13.9	15.9	77	..	1.0	..	15.0	0	3	26	01	1	20	7	0	0	0	0	2	0
ERALA																											
CALICUT	0530	5	1010.7	1010.1	..	22.8	21.3	20.4	24.1	85	..	0.9	..	4.3	0	0	28	00	1	27	0	0	0	0	0	3	0
	0830	5	1012.5	1011.9	-0.8	24.6	21.1	19.2	22.1	72	- 2	1.2	-1.6	3.1	0	0	23	00	0	22	1	0	0	0	0	8	0
	1130	5	1012.4	1011.8	..	29.5	23.9	21.2	25.0	62	..	1.8	..	6.4	0	1	29	01	0	2	0	4	9	13	1	1	0
	1430	5	1010.2	1009.6	..	32.0	24.9	21.6	25.6	55	..	1.8	..	4.9	0	0	30	00	0	0	0	4	6	20	0	1	0
	1730	5	1009.4	1008.8	-0.1	28.6	23.6	20.8	25.0	61	- 3	1.8	-0.7	4.6	0	0	29	00	0	0	0	0	1	27	1	1	0
	2330	5	1011.4	1010.8	..	25.4	22.6	21.2	25.2	77	..	0.6	..	3.9	0	0	26	04	8	13	0	0	1	0	0	5	0
PALGHAT	0830	97	1012.3	1002.3	-0.4	25.3	21.5	19.4	22.5	73	+ 6	2.2	-0.1	9.5	0	0	31	00	0	31	0	0	0	0	0	0	0
	1730	97	1007.7	997.6	-0.6	30.7	23.4	19.1	22.8	49	+ 8	2.9	+0.3	6.6	0	0	31	00	0	30	0	0	0	1	0	0	0
FORT COCHIN	0830	3	1012.2	1011.9	-1.0	27.3	23.1	21.0	24.7	69	+ 1	5.3	+1.9	4.8	0	0	30	02	15	12	1	0	0	0	0	1	0
	1730	3	1008.6	1008.3	-0.6	28.3	24.3	22.4	27.1	71	+ 7	4.9	+1.7	10.0	0	0	30	00	1	0	0	0	2	21	6	1	0
COCHIN (NAVAL AIR STATION)	0230	3	1010.3	1010.1	..	24.1	22.2	21.1	25.3	84	..	3.3	..	0.9	0	0	6	00	3	3	0	0	0	0	0	25	0
	0530	3	1010.3	1010.0	..	23.1	21.4	20.5	24.1	85	..	2.9	..	1.8	0	0	11	00	8	1	1	1	0	0	0	20	0
	0830	3	1012.3	1012.1	..	25.2	21.6	19.5	22.8	71	..	3.5	..	6.8	0	0	27	01	10	15	1	0	0	0	0	4	0
	1130	3	1012.1	1011.8	..	29.5	22.9	19.3	22.5	55	..	3.3	..	6.3	0	0	23	02	5	4	2	1	3	2	4	8	0
	1730	3	1008.5	1008.2	..	29.1	23.6	20.8	24.7	61	..	2.8	..	12.4	0	0	30	00	1	0	0	0	11	16	2	1	0
	2330	3	1011.4	1011.1	..	25.2	22.9	21.7	25.9	81	..	3.0	..	1.4	0	0	6	01	0	2	1	0	1	0	1	25	0
ALLEPPEY	0830	4	1012.2	1011.8	-0.5	25.2	22.2	20.6	24.3	76	+ 2	3.8	-0.1	5.9	0	0	31	00	9	9	12	0	1	0	0	0	0
	1730	4	1008.7	1008.3	-0.3	29.1	24.2	21.8	26.3	65	- 3	2.6	-0.9	19.5	0	20	11	00	0	0	0	0	0	11	20	0	0
PUNALUR	0830	34	1012.7	1008.5	-0.4	24.1	21.0	19.2	22.4	74	- 3	4.4	+1.1	0.8	0	0	5	00	1	2	2	0	0	0	0	26	0
	1730	34	1008.1	1004.3	-0.6	31.5	22.6	17.4	20.2	44	- 5	6.2	+2.2	4.1	0	0	24	00	1	11	10	2	0	0	0	7	0
TRIVANDRUM	0230	64	1010.0	1002.7	..	24.3	22.0	20.8	24.4	81	..	2.7	..	1.3	0	0	8	00	6	0	0	0	0	1	1	23	0
	0530	64	1010.3	1002.9	..	23.3	21.5	20.5	24.1	85	..	2.7	..	3.5	0	0	21	00	16	4	1	0	0	0	0	10	0
	0830	64	1012.2	1004.9	-0.5	25.6	22.1	20.2	23.8	73	- 4	3.5	+0.9	4.6	0	0	30	00	19	6	5	0	0	0	0	1	0
	1130	64	1011.4	1004.2	..	30.0	23.1	19.3	22.7	52	..	4.2	..	6.0	0	0	30	01	9	0	1	1	6	9	3	1	0
	1430	64	1008.6	1001.4	..	30.1	23.4	19.8	23.2	55	..	3.9	..	10.7	0	0	31	00	1	1	1	0	8	17	2	0	1
	1730	64	1009.0	1001.7	-0.5	28.0	23.4	20.8	25.0	64	+ 1	4.5	+1.0	8.0	0	0	30	00	0	1	0	4	5	17	2	1	1
	2030	64	1011.1	1003.7	..	26.3	23.1	21.5	25.6	75	..	2.8	..	4.1	0	0	22	02	2	2	0	0	2	12	2	9	0
	2330	64	1011.5	1004.2	..	25.3	22.8	21.5	25.6	80	..	3.7	..	4.6	0	0	23	04	11	4	1	0	0	0	3	8	0
TRIVANDRUM AERODROME	0830	8	1012.5	1011.6	+0.0	25.8	22.2	20.2	23.8	72	- 1	4.6	+1.6	6.5	0	1	19	03	9	7	0	0	0	1	0	11	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JANUARY 1968 (PAUSA 11 - MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or fit. in gen. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
ARABIAN SEA ISLANDS																											
AMINI	0530	4	1009.9	1009.4	..	24.4	21.7	20.2	23.8	78	..	1.8	..	6.6	0	2	18	14	3	1	0	1	0	0	1	11	0
	0830	4	1012.0	1011.5	-1.1	25.9	22.6	20.9	24.7	74	+ 0	2.2	-0.7	7.0	0	2	22	16	3	2	1	0	0	0	2	7	0
	1130	4	1012.3	1011.8	..	29.5	23.7	20.7	24.6	59	..	2.1	..	12.3	0	5	26	22	3	3	0	0	0	0	3	0	0
	1730	4	1009.1	1008.7	..	28.9	23.5	20.7	24.6	61	..	3.5	..	11.1	0	2	29	20	7	2	0	1	0	0	1	0	0
	2330	4	1011.3	1010.8	..	25.5	22.1	20.4	23.8	73	..	1.6	..	6.9	0	4	15	10	6	2	0	0	0	0	1	12	0
AGATTI	0830	4	1012.0	1011.5	..	26.3	23.8	22.6	27.6	80	..	3.5	..	7.0	0	0	30	24	4	0	0	0	0	0	2	1	0
	1730	4	1009.6	1009.1	..	28.4	23.5	21.0	25.0	64	..	3.9	..	7.3	0	0	31	25	5	0	0	0	0	0	1	0	0
ANDROTH	0830	5	1012.2	1011.7	..	26.8	23.5	21.9	26.3	75	..	3.9	..	4.1	0	0	27	06	16	0	0	0	0	0	2	4	3
	1730	5	1008.4	1008.2	..	28.2	23.9	21.9	26.1	69	..	5.1	..	4.1	0	0	23	04	14	0	0	0	0	0	0	8	5
MINICOY	0530	2	1010.1	1009.9	..	22.9	22.0	21.1	25.6	85	..	3.8	..	1.6	0	0	11	04	2	5	0	0	0	0	0	20	0
	0830	2	1012.3	1012.1	-0.4	26.4	23.7	22.3	27.1	79	+ 0	3.9	+0.3	2.8	0	0	15	05	6	4	0	0	0	0	0	16	0
	1130	2	1012.3	1012.1	..	29.3	24.4	22.1	26.6	65	..	4.2	..	5.8	0	0	29	07	11	9	1	0	0	0	1	2	0
	1430	2	1009.7	1009.5	..	29.5	24.5	22.1	26.6	65	..	4.1	..	6.1	0	1	28	07	10	11	1	0	0	0	0	2	0
	1730	2	1009.4	1009.2	-0.5	28.4	24.1	22.1	26.6	69	- 3	4.4	+0.4	4.6	0	0	24	06	9	9	0	0	0	0	0	7	0
	2030	2	1011.1	1010.9	..	25.8	22.9	21.5	25.6	77	..	2.6	..	3.5	0	0	20	06	8	6	0	0	0	0	0	11	0
	2330	2	1011.6	1011.4	..	25.2	22.7	21.4	25.6	80	..	3.7	..	4.5	0	0	19	08	7	4	0	0	0	0	0	12	0
HILL STATIONS (EXCLUDING KASHMIR)																											
DALHOUSIE	0830	1959	1494.6	795.3	-4.2	4.1	1.5	- 2.7	4.9	66	- 1	4.0	+0.8	2.6	0	0	23	09	2	0	2	3	1	0	6	8	0
	1730	1959	1479.7	795.8	-3.2	4.7	3.2	1.5	6.8	86	+12	5.1	+1.3	2.5	0	0	23	06	3	0	5	6	1	0	2	8	0
DHARMASALA	0830	1211	1536.1	884.9	-1.1	8.0	4.7	- 0.3	5.6	58	- 4	4.5	+0.9	1.3	0	0	19	05	3	5	0	1	1	0	4	12	0
	1730	1211	1527.4	883.3	-1.9	10.4	7.3	3.9	8.1	65	+ 2	5.6	+1.3	1.6	0	0	29	03	2	5	4	1	9	3	2	2	0
BHUNTAR	0830	1096	1509.1	894.7	..	2.4	2.1	1.6	6.7	94	..	4.9	..	2.7	0	0	17	05	1	2	1	4	1	2	1	14	0
	1130	1096	1513.8	894.4	..	7.7	5.2	1.9	7.1	68	..	5.2	..	3.7	0	0	26	02	4	8	4	6	2	0	0	5	0
	1730	1096	1489.9	891.5	..	9.3	6.5	3.1	7.6	67	..	5.2	..	5.3	0	2	22	02	2	1	0	3	0	8	8	7	0
SIMLA	0830	2202	1493.6	780.1	-1.6	3.2	1.1	- 2.2	5.1	74	+26	3.7	+0.0	1.7	0	0	24	00	4	0	16	1	3	0	0	7	0
	1730	2202	1481.6	778.9	-2.2	3.6	1.9	- 0.4	5.9	78	+16	5.3	+0.7	2.0	0	0	30	01	2	0	22	3	2	0	0	1	0
GHANGARIA (KANJALIA TOK)	0830		(R)																								
BADRINATH	0830		(R)																								
JOSHIMATH	0830		..	..	..	3.6	3.3	3.2	3.9	93	+46	3.1	+0.3	6.6	0	1	30	00	0	14	11	2	2	2	0	0	0
	1730		..	..	..	7.6	5.9	5.3	8.9	89	+42	4.3	+0.9	4.0	0	0	31	00	0	2	5	4	6	11	3	0	0
MUSSOORIE	0830		(R)																								
	1730		(R)																								
MUKTESWAR (KUMAUN)	0830	2311	3094.6	771.5	-1.0	3.3	0.3	- 5.7	3.8	63	+13	3.6	+0.7	6.5	0	0	30	00	8	8	0	2	2	6	4	1	0
	1730	2311	3084.6	770.6	-0.8	3.9	1.9	- 1.1	5.6	74	+12	3.8	-1.2	5.5	0	0	26	00	3	4	0	2	5	9	3	5	0
NAINITAL	0830	1953	1503.2	804.9	-0.7	3.2	0.9	- 2.4	5.0	69	+ 3	3.6	+0.4	5.0	0	0	20	01	1	1	1	1	0	9	6	11	0
	1730	1953	1452.4	802.9	-1.3	4.7	3.2	1.4	6.8	86	+13	4.0	+0.5	3.2	0	1	25	01	0	2	3	1	1	17	1	5	0
KALIMPONG	0830	1209	1535.1	884.3	+2.9	10.4	8.3	6.1	9.4	76	- 2	1.5	-1.6	4.5	0	0	31	00	0	0	3	0	0	0	28	0	0
	1730	1209	1509.9	881.4	+2.4	10.6	8.6	6.6	9.7	77	- 2	1.9	-1.4	4.5	0	0	31	00	1	0	28	0	0	0	2	0	0
DARJEELING	0830	2128	1527.5	790.6	-1.4	5.0	3.5	1.7	6.9	80	+11	5.1	+1.4	0.1	0	0	1	00	0	0	0	0	1	0	0	30	0
	1730	2128	1511.2	789.1	-0.8	5.2	4.4	3.5	7.9	90	+ 8	6.4	+1.4	0.9	0	0	5	00	0	0	0	0	2	3	0	26	0
KOHIMA	0830	1406	(R)																								
	1730	1406	(R)																								
SHILLONG (C.S.O.)	0830	1598	1511.2	841.4	-1.1	10.2	6.9	3.8	7.9	63	- 2	2.2	+0.6	4.5	0	0	27	01	4	4	4	1	4	6	3	4	0
	1730	1598	1492.1	839.5	-0.7	9.1	8.2	7.4	10.3	89	+ 6	6.1	+0.3	2.0	0	0	15	01	4	4	1	2	0	3	0	16	0
CHERRAPUNJI	0830	1313	1548.3	874.2	+2.5	12.2	9.6	7.1	10.1	71	+ 8	1.7	-0.1	4.8	0	0	31	00	21	0	0	0	10	0	0	0	0
	1730		(R)																								
ABU	0830	1195	1535.5	885.6	+1.8	10.9	6.4	16.9	6.3	48	+ 0	0.6	-0.9	1.8	0	0	5	00	1	0	0	1	2	1	0	26	0
	1730	1195	1502.8	881.7	-0.7	15.2	8.8	0.3	6.2	39	- 1	0.4	-1.1	1.3	0	0	8	00	1	0	0	3	3	1	0	23	0
AIJAL	0830		(R)																								
	1730		(R)																								
PACHMARHI	0830	1075	1517.8	896.3	-1.5	12.3	9.7	7.1	10.1	71	+ 6	2.2	-0.5	1.4	0	0	16	00	2	1	1	2	4	1	5	15	0
	1730	1075	1508.2	894.4	-1.1	17.8	12.3	6.8	10.4	50	+ 1	2.3	-0.4	1.4	0	0	16	01	2	0	0	0	4	3	6	15	0
MAHABALESHWAR	0830	1382	1517.6	864.0	-1.4	14.0	9.8	6.1	9.4	58	+ 4	0.1	-1.2	9.1	0	0	31	00	5	3	14	0	3	0	6	0	0
	1730	1382	1508.7	862.8	-0.6	21.3	14.5	9.0	11.5	46	- 3	0.4	-1.1	7.0	0	0	31	00	4	0	3	0	9	0	15	0	0
MERCARA	0830	1152	1517.5	887.5	-0.3	16.6	14.3	12.6	14.6	79	+ 0	2.0	-0.7	11.0	0	5	25	06	14	10	0	0	0	0	0	1	0
	1730	1152	1500.6	884.9	-0.6	23.4	16.3	11.2	13.4	48	- 7	2.2	-0.5	11.3	0	0	31	05	8	1	0	0	0	3	13	0	1
OOTACAMUND	0830	2249	1534.1	781.1	+0.3	9.3	6.6	4.4	8.0	70	+ 3	1.2	-0.6	0.7	0	0	4	00	1	1	2	0	0	0	0	27	0
	1730	2249	1495.4	778.9	-0.4	15.2	11.5	8.7	11.2	69	+ 3	3.2	+0.0	0.7	0	0	4	00	2	1	1	0	0	0	0	27	0
COONOOR	0830		..	..	..	15.4	11.4	7.8	10.3	64	- 4	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1968 (PAUSA 11 - MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations													
			At mean sea level or lat. in gms. of mean standard barometric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction										
															02 or less	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HILL STATION (EXCLUDING KASHMIR)																												
KODAIKANAL	0830	2343	3147.2	771.6	-0.9	11.4	8.2	3.7	8.0	69	+10	3.8	+0.9	9.9	0	3	25	04	3	2	10	3	1	0	5	3	0
	1130	2343	3160.1	771.7	..	15.5	10.3	5.0	9.1	56	..	3.9	..	10.5	0	2	29	04	8	5	6	2	1	0	5	0	0
	1730	2343	3135.6	770.2	-0.8	12.6	10.7	8.9	11.6	80	+ 1	5.6	+0.6	6.5	0	2	24	03	3	2	4	3	1	0	10	5	0
NEPAL																												
KATMANDU	0830	1324	1511.7	869.9	-2.4	4.7	4.1	3.5	7.9	92	+ 4	5.4	+0.0	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
	1130	1324	1509.4	869.2	..	12.3	8.7	4.7	8.6	62	..	3.7	..	0.3	0	0	4	00	0	0	1	3	0	0	0	27	0
	1730	1324	1490.7	867.3	-2.0	10.6	8.1	5.3	9.0	70	+ 3	3.6	+0.7	0.8	0	0	8	05	0	0	1	1	0	0	1	23	0
SIKKIM																												
LACHEN	0830		(R)																									
HYDROMETEOROLOGICAL OBSERVATORIES																												
DAMODAR CATCHMENT																												
TILAIYA	0830		..	..	..	15.3	12.5	9.8	12.1	70	..	2.6	..	7.7	0	0	28	01	0	3	1	0	2	11	10	3	0
	1730		..	..	..	18.1	13.6	9.6	11.9	57	..	2.4	..	5.3	0	0	28	01	1	3	0	0	0	11	12	3	0
HAZARIBAGH	0830	615	1016.6	945.8	..	13.6	12.0	10.6	12.8	82	..	1.9	..	6.5	0	4	19	02	0	2	4	0	2	5	8	8	0
	1730	615	1013.3	943.4	..	16.4	13.8	11.8	13.8	75	..	2.5	..	2.8	0	0	21	02	1	0	0	0	1	3	14	10	0
KONAR	0830		(R)																									
	1730		(R)																									
BOKARO	0830	242	1016.3	987.9	..	14.6	12.2	10.1	12.3	75	..	1.4	..	2.5	0	0	20	01	0	0	1	2	1	8	7	11	0
	1730	242	1012.2	984.2	..	18.3	14.5	11.4	13.5	65	..	1.1	..	3.2	0	0	23	01	0	0	2	1	0	8	11	8	0
MAITHON	0830		..	..	..	19.7	14.6	10.2	12.4	55	..	1.9	..	2.2	0	0	28	00	1	0	2	1	5	1	18	3	0
	1730		..	..	..	22.3	15.6	9.9	12.2	46	..	2.0	..	8.4	0	0	28	00	0	0	2	0	3	0	23	3	0
RAMGARH	0830		..	..	..	15.4	12.9	10.7	12.9	74	..	2.2	..	5.2	0	0	29	04	0	3	3	3	1	12	3	2	0
	1730		..	..	..	19.2	14.9	11.3	13.4	61	..	2.3	..	3.4	0	0	22	04	0	4	3	2	2	5	2	9	0
PANCHET HILLS	0830		..	..	..	16.4	13.9	11.7	13.7	74	..	2.0	..	1.3	0	0	17	00	4	0	4	0	4	0	5	14	0
	1730		..	..	..	20.8	15.1	10.3	12.5	52	..	2.4	..	0.7	0	0	9	00	3	0	1	0	1	0	4	22	0
DURGAPUR	0830		..	..	..	17.9	14.3	11.3	13.4	65	..	0.3	..	8.2	0	2	20	13	2	3	0	1	0	1	11	0	0
	1730		..	..	..	21.1	15.3	10.5	12.7	51	..	0.5	..	8.0	0	1	29	13	3	0	0	1	0	2	11	1	0
MAHANADI CATCHMENT																												
GINABAHAR	0830		..	..	..	14.1	12.2	10.6	12.9	79	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
HIRAKUD	0830	159	1016.3	997.7	..	18.7	16.0	14.0	16.0	74	..	1.7	..	1.8	0	0	14	03	6	0	2	0	0	0	2	17	1
	1130	159	1015.5	997.1	..	22.6	17.5	13.3	15.3	58	..	1.8	..	1.8	0	0	17	05	4	1	1	0	1	0	5	14	0
	1730	159	1012.7	994.6	..	23.4	17.5	13.1	15.1	53	..	1.7	..	1.1	0	0	6	02	1	0	0	0	0	1	2	25	0
BHIMKUND	0830		..	..	..	17.0	14.2	11.8	13.8	72	..	2.5	..	1.0	0	0	11	00	0	0	1	0	0	0	10	20	0
	1730		..	..	..	23.0	16.5	11.2	13.2	48	..	2.7	..	0.5	0	0	6	01	1	0	0	0	3	0	1	25	0
SONEPUR	0830		..	..	..	17.8	15.6	14.0	16.0	78	..	7.5	..	4.1	0	0	31	00	0	26	0	0	0	0	5	0	0
KHIJRAWAN	0830		..	..	..	18.0	14.8	12.2	14.3	70	..	1.5	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	21.9	16.5	12.3	14.4	56	..	1.9	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
NARMADA CATCHMENT																												
BAGRA TAWA	0830		..	..	..	14.9	12.3	9.7	12.2	72	..	1.9	..	11.0	0	0	30	01	13	4	2	2	6	2	0	1	0
	1730		..	..	..	22.5	15.5	9.0	11.9	44	..	1.2	..	7.4	0	0	26	03	13	3	3	1	0	3	0	5	0
PUNASA	0830		..	..	..	17.1	12.7	8.3	11.1	58	..	.	..	3.0	0	0	25	00	23	0	0	0	2	0	0	6	0
	1730		..	..	..	24.5	17.1	10.7	13.6	45	..	.	..	2.5	0	0	29	00	26	0	1	0	2	0	0	2	0
THIKRI	0830		..	..	..	15.7	10.6	5.0	8.7	49	..	1.1	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
SABARMATI CATCHMENT																												
DARDI	0830		..	..	..	14.9	11.2	7.2	10.1	61	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	23.4	14.4	5.4	9.0	32	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
SANDAK CATCHMENT																												
JAMOSOM	0830		..	..	..	0.1	..	..	..	..	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	5.5	2.3	1.7	5.4	62	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
KHUDI BAZAR	0830		..	..	..	10.5	8.2	5.8	9.3	73	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	14.3	10.8	7.6	10.5	64	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TIMURE	0830		..	..	..	4.3	0.1	7.4	3.3	42	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	9.2	5.8	2.0	7.1	62	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
POKHARA	0830		..	..	..	10.3	8.7	7.1	10.1	81	..	3.0	..	0.3	0	0	3	02	0	0	0	0	0	0	1	28	0
	1130		..	..	..	14.8	11.0	7.6	10.5	63	..	5.5	..	0.9	0	0	10	01	1	0	2	6	0	0	0	21	0
	1730		..	..	..	14.1	10.8	7.8	10.6	67	..	4.5	..	0.4	0	0	4	01	0	1	1	1	0	0	0	27	0
GORKHA	0830		..	..	..	10.6	8.8	6.9	10.0	79	..	3.2	..	..	.	..	..	06	7	0	1	1	2	0	1	13	0
	1130		..	..	..	13.3	10.7	8.4	11.0	73	..	4.2	..	..	.	..	..	00	1	0	4	3	16	5	0	0	0
	1730		..	..	..	12.1	9.7	7.5	10.4	74	..	3.0	..	..	.	..	..	01	4	0	5	6	8	1	0	6	0
NUWAKOT	0830		..	..	..	10.4	8.9	7.5	10.4	82	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	13.5	10.4	7.4	10.4	68	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1968 (PAUSA 11 - MAGHA 11, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or M. in gpm. of mean standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 02 or mth	28 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)																											
DAILEKH	0830		..	..	..	8.1	5.9	3.1	7.7	72	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	10.9	8.0	4.8	8.6	67	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GHAGHARA CATCHMENT																											
SALLYANA	0830		..	..	..	8.0	5.6	2.5	7.4	70	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	10.6	7.5	3.6	8.1	65	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BUTWAL	0830		..	..	..	16.2	12.7	9.5	11.9	65	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	17.5	14.4	11.7	13.9	69	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BAGHMATI CATCHMENT																											
KATMANDU	0830																										
	1130		SEE UNDER NEPAL																								
	1730																										
KOSI CATCHMENT																											
CHAUTARA	0830		..	..	..	9.2	5.9	2.4	7.3	63	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	13.2	7.8	2.1	7.1	47	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
WALUNGCHUNG GOLA	0830		..	..	..	0.2	1.5	3.2	4.7	82	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	1.3	1.9	2.8	4.9	91	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TAPLETHOK	0830		..	..	..	10.0	7.1	3.8	8.1	66	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	11.8	7.9	3.5	7.9	57	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BHOJPUR	0830		..	..	..	9.0	6.7	4.2	8.3	73	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	8.4	7.0	5.6	9.1	83	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TAPLEJUNG	0830		..	..	..	5.2	4.0	2.5	7.4	83	..	4.0	..	1.6	0	0	13	01	2	3	1	3	2	0	1	18	0
	1130		..	..	..	10.4	7.2	3.9	8.1	65	..	4.4	..	3.0	0	0	27	04	1	1	0	1	3	8	7	4	2
	1730		..	..	..	8.7	5.9	2.8	7.5	67	..	4.3	..	8.3	0	1	25	01	1	1	7	14	1	0	0	2	1
OKHALDHUNGA	0830		..	..	..	7.1	5.3	3.3	7.8	78	..	.	..	0.9	0	0	11	01	2	2	1	2	0	2	1	20	0
	1130		..	..	..	10.4	6.9	3.3	7.8	63	..	.	..	1.9	0	0	20	01	1	4	0	3	3	7	1	11	0
	1730		..	..	..	7.6	6.0	4.2	8.3	80	..	.	..	4.0	0	0	19	00	1	1	0	0	1	16	0	12	0
CHAINPUR	0830		..	..	..	10.2	8.0	5.7	9.2	75	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	11.5	8.9	6.3	9.5	70	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BARAHAKSHETRA	0830	146	1017.5	1000.2	..	13.5	11.8	10.2	12.5	81	..	2.6	..	1.5	0	0	17	00	1	10	5	1	0	0	0	14	0
	1130	146	1015.9	998.8	..	18.9	14.6	11.0	13.2	61	..	2.6	..	2.0	0	0	18	01	0	3	0	0	4	9	1	13	0
	1730	146	1013.9	996.7	..	16.9	14.1	11.8	13.9	72	..	2.9	..	1.0	0	0	15	01	1	9	3	1	0	0	0	16	0
TISTA CATCHMENT																											
GANGTOK	0830	1756	1514.6	820.1	..	5.9	4.8	3.5	7.9	85	..	5.2	..	1.7	0	0	11	05	3	0	1	2	0	0	0	20	0
	1130	1756	1500.6	819.5	..	10.4	7.6	4.8	8.7	69	..	5.7	..	4.1	0	0	23	02	0	0	0	10	8	3	0	8	0
	1730	1756	1488.6	817.8	..	8.3	6.5	4.7	8.5	79	..	6.6	..	5.0	0	2	15	01	2	2	2	7	2	0	0	14	1
GEZING	0830		(R)																								
	1730		(R)																								

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GOVERNMENT OF INDIA

मौसम विज्ञान विभाग

METEOROLOGICAL DEPARTMENT

भारतीय मौसम पुनरीक्षण

INDIA WEATHER REVIEW

1968

मासिक मौसम रिपोर्ट

MONTHLY WEATHER REPORT

फरवरी

FEBRUARY

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INDIA WEATHER REVIEW, 1968

Monthly Weather Report

FEBRUARY

MONTHLY WEATHER REPORT

FOR

FEBRUARY 1968

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MEANINGS OF SYMBOLS AND ABBREVIATIONS IN TABLES II AND III

Symbol/Abbreviation	Meaning
(a)	Mean/total for 30 days
(b)	Mean/total for 29 days
(c)	Mean/total for 28 days
(d)	Mean/total for 27 days
(e)	Mean/total for 26 days
(f)	Mean/total for 25 days
(g)	Mean/total for 24 days
(h)	Mean/total for 23 days
(i)	Mean/total for 22 days
(j)	Mean/total for 21 days
(k)	Mean/total for 20 days
(l)	Mean/total for 19 days
(m)	Mean/total for 18 days
(n)	Mean/total for 17 days
(o)	Mean/total for 16 days
(p)	Mean/total for 15 days
*	Closed during winter months
(R)	Register not received, hence data not available
#	Data for less than 15 days, hence no means published
ds	Days
@	Data rejected
D.N.	Data not available
E	Estimated
H	Provisional height.

INDIA WEATHER REVIEW, 1968
Monthly Weather Report
FEBRUARY

Published by authority of the Government of India

Chief features :

i) Movement of five western disturbances across northwest India;

ii) Two spells of marked thundershower activity over the central parts of the country and the north Peninsula causing damage to standing crops and

iii) A moderate cold wave in Gujarat State in the second week.

Five western disturbances affected northwest India during the month. Of these, the first western disturbance was feeble causing isolated precipitation at the beginning of the month. Mukteshwar recorded 6 cm of rain on 2nd. All the other four western disturbances which followed later were fairly active. An induced low which formed over west Madhya Pradesh on 14th in association with the third western disturbance moved away eastwards across Assam by 17th, causing light to moderate thundershowers in Orissa, Gangetic West Bengal and Assam. Calcutta recorded 3 cm of rain on 16th. The last two western disturbances also caused good precipitation in the Western Himalayas and the adjoining plains during the third and fourth weeks respectively. The details of the movement and activity of the various western disturbances during the month are given in the accompanying table.

Isolated showers occurred over Assam during the first fortnight. An upper air cyclonic circulation which developed over west Uttar Pradesh on 20th moved eastwards and passed across Assam by 23rd. Under its influence, there was good rainfall over Uttar Pradesh and northeast India.

Mainly dry weather prevailed over the Peninsula and the central parts of the country during the first fortnight. Later two spells of marked thundershower activity occurred. A low pressure area appeared over Andhra Pradesh on 16th and persisted there till 19th. Under its influence, there was marked incursion of moist air from the Bay of Bengal leading to a spell of showers over the central parts of the country and adjoining parts of northeast India. Isolated thundershowers also occurred over the Peninsula. According to press reports, about 30 villages in Nagpur Tahsil were hit by a severe hailstorm on 20th causing damage to standing crops. A trough of low pressure moved westwards across the Peninsula into the Arabian Sea off the west coast during the period 22nd - 25th. In association with it there was excess precipitation over the Peninsula. A low pressure area also developed over Saurashtra and Kutch on 25th. Moving northeastwards to northwest Uttar Pradesh and neighbourhood it weakened and became unimportant by the end of the month. Under its influence, there was good thundershower activity over the central parts of the country and adjoining areas. According to newspaper reports, the unseasonal thundershowers accompanied by hailstorm caused serious havoc to standing crops in Vidarbha and Marathwada.

Night temperatures remained below normal for the major part of the month over north and central India, being appreciably to markedly so over Uttar Pradesh on many days during the first fortnight over the central parts of the country and northeast India during the first week and over northwest India during the second week. Moderate cold wave conditions also prevailed over Gujarat State from 8th to 10th. Over the south Peninsula also night temperatures were generally below normal during the first fortnight. Night temperatures rose generally above normal over the country outside northeast India and south Peninsula from 25th.

The total rainfall for the month was in large excess in Himachal Pradesh, west Rajasthan, Madhya Maharashtra, Marathwada, Vidarbha, Interior Mysore and Kerala, in moderate excess in Punjab, Telangana and Rayalaseema; in slight excess in Orissa and east Madhya Pradesh. It was normal in east Rajasthan. It was in slight defect in Uttar Pradesh, Haryana and west Madhya Pradesh, in moderate defect in Assam, Gangetic West Bengal, Jammu and Kashmir and Saurashtra Kutch and in large defect over rest of the country.

The mean maximum temperature was below normal in Bihar Plains, Uttar Pradesh, Haryana, Punjab, Himachal Pradesh, Jammu and Kashmir, Rajasthan, Madhya Pradesh, Gujarat, Saurashtra-Kutch, Konkan, Marathwada and Vidarbha. It was normal over rest of the country.

The mean minimum temperature was below normal in Bay Islands, Assam, Sub-Himalayan West Bengal, Bihar, Uttar Pradesh, Haryana, Punjab, Jammu & Kashmir, west Rajasthan, west Madhya Pradesh, Saurashtra-Kutch and Konkan, above normal in Telangana and Rayalaseema. It was normal over the rest of the country.

The mean Relative Humidity in the morning was above normal in Haryana, Punjab, Jammu and Kashmir, west Rajasthan, Konkan, Madhya Maharashtra, Marathwada, Vidarbha, Interior Mysore & below normal in Bay Islands and Gangetic West Bengal. It was normal over the rest of the country.

The mean Relative Humidity in the evening was above normal in Orissa, west Uttar Pradesh, Haryana Punjab, Himachal Pradesh, Jammu and Kashmir, west Rajasthan, Madhya Pradesh, Vidarbha and Interior Mysore and below normal in Bay Islands and Arabian Sea Islands. It was normal over rest of the country.

The mean cloud amount in the morning was above normal in Himachal Pradesh, Rajasthan, West Madhya Pradesh, Saurashtra-Kutch, Madhya Maharashtra, Marathwada and North Interior Mysore and below normal in Bay Islands, Konkan, Coastal Andhra Pradesh, Rayalaseema and Arabian Sea Islands. It was normal over the rest of the country.

The mean cloud amount in the evening was above normal in Uttar Pradesh (West), Haryana, Himachal Pradesh, Rajasthan, Saurashtra-Kutch, Marathwada, Vidarbha and North Interior Mysore and below normal in Bihar Plateau, Konkan, Coastal Andhra Pradesh, Rayalaseema, Madras, Coastal Mysore and Arabian Sea Islands. It was normal over the rest of the country.

Table I contains the divisional and sub-divisional means or rainfall, temperature, humidity and cloud amount for the 17 chief political divisions and the 33 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. IST of the date noted in the succeeding column; similarly the heaviest rainfall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. IST of the date given in the succeeding column.

Poona-5.
21st May 1968.

R. ANANTHAKRISHNAN,
for Director General of Observatories.

Statement showing the movement and activity of Western disturbance during February 1968.

S.No.	Period	Course	Region	Nature of Precipitation	Period	Remarks
1.	31st Jan - 2nd Feb.	Northern divisions of West Pakistan - Western Himalayas	West Uttar Pradesh	Isolated rain or snow	2nd	Feeble Mukteswar 6 cm of rain on 22nd.
2.	3rd - 11th	Southeast Iran - West Pakistan - Jammu & Kashmir	West Rajasthan	Isolated rain	5th	Active
			Jammu & Kashmir	Scattered rain or snow	6th,7th,8th	
			Himachal Pradesh	Scattered/isolated rain or snow	6th to 9th	
			Punjab	Isolated rain	6th	
			West Uttar Pradesh	Isolated rain	7th	
3.	12th - 16th	South Iran - West Pakistan - Jammu and Kashmir	Jammu & Kashmir	Widespread/scattered rain or snow	14th & 15th	
			Himachal Pradesh	Widespread rain or snow	14th & 15th	
			Punjab	Scattered rain	14th	
			West Uttar Pradesh	Scattered/isolated rain or snow	14th,15th & 16th	
3(a)	14th - 17th	West Madhya Pradesh - Uttar Pradesh - Bihar State - Assam	Orissa	Isolated rain	16th	Induced low
			Gangetic West Bengal	Isolated rain	16th	
			South Assam	Scattered rain	16th	
			North Assam	Isolated rain	16th & 17th	
4.	16th - 21st	Baluchistan - Central Parts of West Pakistan - Rajasthan and Punjab - Western Himalayas	Jammu & Kashmir	Scattered/widespread rain or snow	19th,20th & 21st	
			Himachal Pradesh	Isolated/widespread rain or snow	19th,20th & 21st	
			Punjab	Isolated/scattered rain	19th & 21st	
			Punjab	Widespread rain	20th	
			West Uttar Pradesh	Isolated/fairly widespread rain or snow	19th to 22nd	
			Rajasthan	Isolated/scattered rain	19th & 20th	
5.	25th - 28th	Afghanistan - Northern divisions of West Pakistan - Jammu & Kashmir	Jammu & Kashmir	Isolated/scattered rain or snow	26th & 28th	
			Jammu & Kashkir	Fairly widespread rain or snow	27th	
			Himachal Pradesh	Scattered/widespread rain or snow	27th & 28th	
			Punjab	Isolated rain	28th	

TABLE I - DIVISIONAL AND SUB-DIVISIONAL MEANS - FEBRUARY ,1968(MAGHA 12 - PHALGUN 10,1889 SAKA)

DIVISION	Rainfall (millimetres)	Percentage of normal	Mean maximum temperature °C	Mean minimum temperature °C	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud Amount (Oktas) 0830 hrs. IST.	Cloud Amount (Oktas) 1730 hrs. IST.
1	2	3	4	5	6	7	8	9
DIVISION								
1.ASSAM(INCLUDING.	20.0	58	24.7	10.8	72	57	2.5	2.6
NEFA,N.L.ETC) .	- 14.4		-0.7	-1.6	- 3	- 5	-0.4	-0.2
2.WEST BENGAL .	9.2	44	27.7	13.4	60	48	1.5	1.6
.	- 11.7		-0.4	-1.2	- 7	- 1	-0.3	-0.2
3.ORISSA .	30.9	115	30.0	16.9	68	56	1.7	2.1
.	+ 4.0		-0.2	+0.1	+ 2	+ 9	-0.1	+0.2
4.BIHAR .	4.4	20	26.1	11.0	62	43	1.4	1.4
.	- 17.4		-0.9	-1.6	- 3	- 1	-0.2	-0.3
5.UTTAR PRADESH .	16.2	79	23.8	8.9	73	46	1.9	2.1
.	- 4.3		-1.5	-1.4	+ 4	+ 4	+0.2	+0.3
6.HARYANA(INCLU. .	22.3	83	20.9	7.9	77	55	2.1	2.6
DELHI CHANDIGARH).	- 4.7		-3.1	-1.1	+ 9	+17	0.0	+0.6
7.PUNJAB .	35.8	147	20.0	6.7	83	55	2.5	2.8
.	+ 11.5		-3.3	-1.2	+ 7	+11	0.0	+0.2
8.HIMACHAL .	118.3	506	18.1	5.8	91	64	5.4	4.0
PRADESH .	+ 94.9		-3.5	+0.4	+ 2	+18	+1.5	+0.9
9.JAMMU AND .	42.0	68	7.8	- 3.7	76	71	4.5	5.4
KASHMIR .	- 19.9		-2.1	+3.0	+ 6	+13	-0.3	+0.3
SUB-DIVISION								
SUB-DIVISION								
1.BAY ISLANDS .	2.0	3	30.5	22.2	70	72	3.2	3.4
.	- 59.8		+0.2	-1.1	- 6	- 6	-0.9	-0.8
2.NORTH ASSAM .	18.1	54	24.5	10.8	75	60	2.7	2.8
(INCLUDING NEFA) .	- 15.2		-0.7	-1.6	- 1	- 5	-0.5	-0.3
3.SOUTH ASSAM .	24.5	66	25.0	10.8	68	52	2.3	2.3
(INCL.N.LAND ETC).	- 12.4		-1.0	-1.5	- 3	- 3	0.0	+0.1
4.SUB-HIMALAYAN .	2.6	17	25.7	10.0	69	50	1.5	1.7
WEST BENGAL .	- 12.6		-0.7	-2.2	- 3	- 2	-0.2	-0.3
5.GANGETIC WEST- .	11.4	50	28.5	14.7	57	47	1.5	1.6
BENGAL .	- 11.5		-0.2	-0.8	- 8	- 1	-0.3	-0.2
6.ORISSA .	30.9	115	30.0	16.9	68	56	1.7	2.1
.	+ 4.0		-0.2	+0.1	+ 2	+ 9	-0.1	+0.2
7.BIHAR PLATEAU .	7.6	25	27.0	12.0	57	39	1.4	1.5
.	- 23.2		-0.5	-1.4	- 4	0	-0.3	-0.4
8.BIHAR PLAINS .	2.5	15	25.4	10.3	66	46	1.4	1.4
.	- 13.7		-1.3	-1.8	- 2	- 1	-0.2	-0.2
9.UTTAR PRADESH .	10.8	76	25.1	9.8	72	45	1.7	1.8
(EAST) .	- 3.5		-1.3	-1.3	+ 3	+ 2	+0.2	+0.1
10.UTTAR PRADESH .	24.3	81	21.8	7.8	73	48	2.2	2.7
(WEST) .	- 5.6		-1.9	-1.4	+ 5	+ 7	+0.3	+0.5
11.HARYANA(INCLU. .	22.3	83	20.9	7.9	77	55	2.1	2.6
DELHI CHANDIGARH).	- 4.7		-3.1	-1.1	+ 9	+17	0.0	+0.6
12.PUNJAB .	35.8	147	20.0	6.7	83	55	2.5	2.8
.	+ 11.5		-3.3	-1.2	+ 7	+11	0.0	+0.2
13.HIMACHAL .	118.3	506	18.1	5.8	91	64	5.4	4.0
PRADESH .	+ 94.9		-3.5	+0.4	+ 2	+18	+1.5	+0.9
14.JAMMU AND KASH- .	42.0	68	7.8	- 3.7	76	71	4.5	5.4
-MIR .	- 19.9		-2.1	+3.0	+ 6	+13	-0.3	+0.3
15.RAJASTHAN(WEST).	7.9	176	23.7	8.3	66	42	2.1	2.7
.	+ 3.4		-2.7	-1.6	+10	+10	+0.5	+0.9
16.RAJASTHAN(EAST).	4.4	110	24.6	9.0	60	29	1.8	2.2
.	+ 0.4		-2.2	-0.9	+ 3	- 2	+0.5	+0.4
17.MADHYA PRADESH .	6.6	89	27.2	10.8	56	32	2.0	1.9
(WEST) .	- 0.8		-1.5	-1.2	+ 5	+ 7	+0.5	0.0

DIVISION	Rainfall (millimetres)	Percentage of normal	Mean maximum temperature °C	Mean minimum temperature °C	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud Amount (Oktas) 0830 hrs. IST.	Cloud Amount (Oktas) 1730 hrs. IST.
1	2	3	4	5	6	7	8	9
DIVISION-(CONTD.)								
10.RAJASTHAN .	6.0	143	24.3	8.7	63	35	2.0	2.4
.	+ 1.8		-2.4	-1.2	+ 6	+ 4	+0.5	+0.6
11.MADHYA PRADESH .	15.2	110	27.4	11.6	60	35	1.8	1.9
.	+ 1.4		-1.4	-0.7	+ 4	+ 7	+0.3	+0.1
12.GUJARAT STATE .	0.7	39	28.2	13.2	58	36	1.6	1.4
(INCLU.DIU ETC).	- 1.1		-2.1	-1.2	+ 1	+ 3	+0.4	+0.4
13.MAHARASHTRA .	12.1	257	30.9	16.2	61	39	1.3	1.5
STATE(INCL.GOA).	+ 7.4		-1.1	-0.5	+ 8	+ 4	+0.1	+0.1
14.ANDHRA PRADESH .	6.0	73	32.5	20.2	70	46	1.8	1.8
.	- 2.2		+0.4	+1.0	+ 2	+ 3	-0.5	-0.3
15.MADRAS STATE .	5.8	43	31.6	20.6	78	54	2.8	2.3
(INCL.PONDICH.).	- 7.7		+0.4	-0.6	+ 1	- 1	-0.6	-0.9
16.MYSORE .	11.9	259	31.8	18.9	69	41	2.1	2.2
.	+ 7.3		+0.1	+0.6	+ 6	+ 5	+0.1	-0.1
17.KERALA .	37.9	160	32.5	22.3	74	59	2.9	3.3
.	+ 14.2		-0.1	-0.7	0	+ 1	-0.2	-0.2
SUB-DIVISION								
SUB-DIVISION(CONTD)								
18.MADHYA PRADESH .	26.8	120	27.7	12.7	67	40	1.6	1.9
(EAST) .	+ 4.4		-1.4	-0.1	+ 5	+ 7	+0.1	+0.2
19.GUJARAT REGION .	0.0	0	29.3	13.3	55	31	1.1	1.1
(INCL.DAMAN ETC).	- 1.3		-2.3	-0.9	+ 2	+ 5	0.0	+0.1
20.SAURASHTRAKUTCH.	1.1	50	27.5	13.2	61	39	2.0	1.7
(INCLUDING DIU) .	- 1.1		-2.0	-1.4	+ 1	+ 1	+0.8	+0.7
21.KONKAN .	0.2	33	28.5	19.2	76	65	1.2	0.6
(INCLUDING GOA).	- 0.4		-1.6	-1.1	+ 7	+ 3	-0.3	-0.7
22.MADHYA- .	7.5	469	32.5	14.6	55	26	1.2	1.6
-MAHARASHTRA .	+ 5.9		-0.5	-0.3	+ 8	+ 3	+0.3	+0.2
23.MARATHWADA .	35.5	826	31.3	14.2	50	28	1.5	2.1
.	+ 31.2		-1.1	-0.7	+ 9	+ 4	+0.5	+0.6
24.VIDARBHA .	20.1	166	31.0	16.2	59	33	1.5	2.1
.	+ 8.0		-1.1	-0.2	+ 7	+ 7	+0.1	+0.5
25.COASTAL ANDHRA .	2.0	20	32.0	20.9	77	60	1.8	1.5
-PRADESH .	- 7.8		+0.9	+0.8	+ 1	+ 2	-0.7	-0.6
26.TELANGANA .	10.4	133	32.7	19.5	67	35	2.1	2.1
.	+ 2.6		-0.2	+1.1	+ 4	+ 5	0.0	+0.1
27.RAYALASEEMA .	7.5	136	33.0	20.1	62	36	1.4	1.7
.	+ 2.0		0.0	+1.2	+ 4	+ 4	-0.6	-0.6
28.MADRAS STATE .	5.8	43	31.6	20.6	78	54	2.8	2.3
(INCL.PONDICH.).	- 7.7		+0.4	-0.6	+ 1	- 1	-0.6	-0.9
29.COASTAL MYSORE .	0.0	0	30.6	21.8	79	65	1.9	1.1
.	- 0.9		-0.9	+0.8	+ 3	+ 1	-0.4	-1.0
30.INTERIOR MYSORE.	19.7	438	32.8	18.7	58	34	2.0	2.7
(NORTH) .	+ 15.2		+0.3	+0.8	+ 7	+ 6	+0.5	+0.6
31.INTERIOR MYSORE.	11.1	171	31.5	17.6	73	34	2.2	2.4
(SOUTH) .	+ 4.6		+0.3	+0.3	+ 7	+ 7	-0.2	-0.3
32.KERALA .	37.9	160	32.5	22.3	74	59	2.9	3.3
.	+ 14.2		-0.1	-0.7	0	+ 1	-0.2	-0.2
33.ARABIAN SEA- .	2.7	22	30.8	23.3	74	66	2.5	2.7
ISLANDS .	- 9.5		-0.1	-0.9	- 1	- 6	+0.9	-1.3

Note :- The entries in the second line for each division and sub-division indicate departures from normal.

TABLE II – SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER – FEBRUARY 1968 (MAGHA 12 – PHALGUN 10, 1889 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena – No. of days with: Precipitation 0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
BAY ISLANDS																												
MAYA BANDAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	.	..	..	..	..	..	.	..	.
LONG ISLAND	29.9	-0.6	31.8	23	20.8	-0.9	18.2	10	0.0	0.0	- 36.7	0.0	..	0	- 1.0	6.3	3.5	+1.9	0	0	0	0	0	0	0	0	0	0
PORT BLAIR	31.1	+1.3	32.4	26	21.5	-0.3	18.3	06	1.4	1.4	- 33.1	1.4	14	0	- 1.7	9.3	6.8	-2.7	0	1	0	0	0	1	0	0	0	0
CAR NICOBAR	30.4	+0.1	31.8	28	21.7	-1.7	15.1	18	1.6	3.8	- 53.4	2.2	14	0	- 2.5	9.3	6.0	-0.1	0	2	0	0	0	0	0	0	0	0
NAN COWRY	32.8	+0.8	34.6	24	23.7	-0.5	21.9	18	0.2	5.0	- 67.6	4.8	14	1	- 2.9	0.7	0.3	-0.3	1	1	0	0	0	0	0	0	0	0
KONDUL	28.2	-0.5	28.8	16	23.4	-1.9	21.0	19	0.0	0.0	-107.9	0.0	..	0	- 4.7	9.5	6.9	-2.0	0	0	0	0*	0	0	0	0	0	0
NORTH ASSAM (INCLUDING NEFA)																												
PASIGHAT	20.4	-1.7	25.7	28	12.9	-0.9	9.2	14	18.4	75.8	- 16.4	18.2	22	6	- 0.1	12.5	15.7	+2.8	0	11	0	0	7	0	0	0	0	0
DIBRUGARH (MOHANBARI)	22.0	-1.7	27.3	28	11.6	-0.7	6.6	13	11.9	72.8	+ 9.6	21.6	22	7	+ 1.0	6.4	4.5	+1.3	0	10	0	1	6	1	0	0	1	0
DIGBOI	22.0	-1.3	26.5	28	11.1	-1.3	7.7	03	1.8	72.9	+ 18.7	19.3	22	6	- 0.3	..	..	..	0	12	0	0	0	0	0	0	0	0
NORTH LAKHIMPUR	22.1	-1.3	26.8	27	10.3	-1.4	5.0	13	0.8	27.7	- 26.5	10.0	22	3	- 3.2	6.8	4.0	..	1	10	0	0	1	1	0	0	0	0
SIBSAGAR	..	..	..	..	..	..	..	..	0.0	20.0	- 29.8	10.9	22	2	- 3.1	..	..	..	2	6	..	..	..	..	..	.	..	.
GOHPUR	23.7	-0.2	27.4	27	10.5	-1.0	5.4	14	0.0	0.0	- 37.5	0.0	..	0	- 2.7	3.5	2.1	..	0	0	0	0	0	0	0	0	0	0
MAJBAT	25.2	..	29.3	27	11.8	..	10.0	16	0.0	0.0	- 18.9	0.0	..	0	- 2.5	4.6	3.5	-0.4	0	0	0	0	0	0	0	0	0	0
JORHAT AERODROME	23.9	..	28.7	23	11.4	..	6.9	03	3.0	10.0	..	10.0	22	1	..	..	..	..	0	1	0	0	2	1	0	0	0	0
TANGLA	25.9	0.0	29.8	27	11.1	-1.3	7.3	06	0.0	0.0	- 21.1	0.0	..	0	- 1.9	4.2	3.2	+1.2	0	0	0	0	0	0	0	0	0	0
TEZPUR	25.4	0.0	29.1	28	12.6	-1.1	9.1	06	0.0	0.0	- 25.9	0.0	..	0	- 2.6	5.1	4.2	+1.0	0	0	0	0	0	1	0	0	0	0
GOLAGHAT	24.1	-0.9	27.6	27	10.8	-2.4	7.4	14	0.0	7.2	- 16.4	6.6	22	1	- 2.1	..	..	..	0	2	0	0	0	0	0	0	0	0
RANGIA	25.6	-0.3	29.5	28	11.0	-1.6	7.1	12	0.0	0.0	- 27.0	0.0	..	0	- 2.8	..	..	..	0	0	0	0	1	0	0	0	0	0
CHAPARMUKH	26.0	-1.0	30.0	27	13.2	+0.7	8.0	04	0.0	3.6	- 8.1	3.6	22	1	- 0.2	4.7	3.7	..	0	1	0	0	1	9	0	0	0	0
GOALPARA	26.7	-0.6	30.1	29	9.9	-2.2	7.1	12	0.0	12.0	- 2.2	12.0	22	1	- 0.6	5.4	3.0	+0.5	0	1	0	0	0	0	0	0	0	0
GAUHATI (BHORJOR)	25.3	-1.4	29.0	28	9.0	-2.6	5.3	04	0.2	0.2	- 7.8	0.2	22	0	- 0.9	7.1	4.4	..	1	0	0	0	1	0	0	0	0	0
DHUBRI (RUPSI)	26.1	-0.2	29.7	28	8.7	-2.9	4.7	04	2.4	8.4	- 2.1	8.4	22	1	0.0	8.7	5.6	+1.7	0	1	0	1	1	0	0	0	0	0
DHUBRI	25.7	+0.4	29.9	28	11.1	-3.1	8.1	04	0.0	0.0	- 21.3	0.0	..	0	- 1.7	6.5	4.4	-0.7	0	0	0	0	0	0	0	0	0	0
LUMDING	26.5	+0.3	29.4	28	8.2	-2.4	3.4	03	7.0	7.6	- 25.9	7.0	22	1	- 1.8	4.2	2.8	..	0	2	0	0	1	6	0	0	0	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																												
TURA	25.0	-1.4	29.4	27	13.1	-1.8	8.1	04	0.0	0.0	- 13.7	0.0	..	0	- 1.0	7.9	6.2	-0.6	0	0	0	0	0	0			0	0
HAFLONG	21.3	-1.3	24.7	28	9.4	-2.9	5.0	07	12.4	12.6	- 30.9	12.4	23	1	- 2.3	..	..	..	1	1	0	0	2	0	[illegible]	[illegible]	0	0
SILCHAR (KUMBHIRGRAM)	25.6	-1.3	29.8	25	12.5	+1.0	7.8	05	14.6	22.9	- 38.3	14.6	23	2	- 1.4	7.1	8.3	0.0	0	3	0	0	2	[illegible]	[illegible]	[illegible]	[illegible]	0
SILCHAR	26.1	-1.0	29.5	29	12.5	-1.1	6.9	05	35.4	48.0	- 0.8	20.6	23	3	- 0.5	3.7	1.9	+0.1	0	7	0	0	4		0	0	0	0
IMPHAL (TULIHAL)	22.0	-0.8	25.3	29	5.3	-1.2	1.4	05	11.2	46.1	+ 15.0	22.2	22	3	+ 0.3	12.2	7.1	+0.4	0	5	0	1	2		[illegible]	[illegible]	[illegible]	0
KAILASHAHAR	27.1	-1.1	30.2	28	10.4	-1.6	3.9	05	6.2	36.1	+ 4.6	11.6	16	4	+ 1.7	5.7	2.8	+0.1	0	4	0	0	4		0	0	0	0
AGARTALA	27.9	-0.4	31.3	28	12.7	-0.5	5.8	05	2.3	5.8	- 22.8	2.8	16	2	+ 0.3	8.3	4.9	-0.1	2	2	0	0	3		0	0	0	0
SUB-HIMALAYAN WEST BENGAL																												
BAGHDOGRA	25.9	-0.7	30.6	28	7.7	-3.2	4.0	03	0.0	3.8	+ 1.5	3.8	21	1	+ 0.8	10.1	7.9	+3.1	0	1	0	0	1	2	0	0	0	0
JALPAIGURI	24.3	-0.9	28.4	28	11.5	-1.2	7.3	02	2.8	3.0	- 14.0	2.8	22	1	- 0.5	5.2	4.9	+0.8	1	1	0	0	1	0	0	0	0	0
COOCH BEHAR AERODROME	25.7	-1.1	29.4	28	8.8	-3.5	5.3	04	3.2	3.2	- 16.6	3.2	22	1	- 0.6	5.8	2.8	-0.4	0	1	0	0	1	2	0	0	0	0
BALURGHAT	26.6	..	31.0	29	10.4	..	6.2	05	0.0	1.2	..	1.2	29	0	..	4.3	2.9	..	0	1	0	0	0	0	0	0	0	0
MALDA	26.9	+0.1	31.2	28	11.9	-0.9	7.0	04	0.0	0.5	- 21.1	0.5	29	0	- 1.7	4.1	2.2	-2.7	0	1	0	0	0	0	0	0	0	0
GANGETIC WEST BENGAL																												
BERHAMPORE	28.1	-0.3	31.6	29	12.1	-1.6	7.0	04	0.0	0.0	- 20.6	0.0	..	0	- 1.7	4.3	1.8	-0.1	0	0	0	0	0	23	0	0	0	0
SURI	27.7	-0.1	31.1	29	13.2	-1.3	8.5	04	..	1.0	- 7.8	1.0	29	0	- 1.5	.	6.2	-0.7	0	1	0	0	0	0	0	0	0	0
ASANSOL	28.7	+0.4	32.3	29	11.8	-2.9	6.9	03	0.0	3.9	- 25.1	3.9	29	1	- 1.4	8.0	4.5	-1.7	0	1	0	0	0	0	0	0	0	0
SHANTI NIKETAN	28.1	..	31.9	29	13.1	..	8.1	05	0.0	0.5	..	0.5	29	0	..	7.1	4.9	..	0	1	0	0	0	0	0	0	0	0
KRISHNANAGAR	30.2	+0.6	34.8	29	12.1	-1.6	5.5	05	0.0	0.2	- 27.2	0.2	19	0	- 1.8	4.1	3.1	+0.1	1	0	0	0	0	0	0	0	0	0
PURULIA	27.4	-1.6	32.0	29	..	..	..	..	0.0	3.6	- 9.5	3.0	16	1	- 0.5	6.2	4.3	+0.5	1	2	0	0	1	0	0	0	0	0
BANKURA	28.8	..	33.0	29	14.4	..	9.6	04	0.0	5.2	- 23.5	3.0	19	1	- 1.1	2.1	1.7	..	0	2	0	0	0	0	0	0	0	0
BURDWAN	29.4	+0.8	34.0	29	14.2	-0.7	8.9	05	0.0	0.0	- 32.5	0.0	..	0	- 2.0	4.3	3.9	+0.6	0	0	0	0	0	0	0	0	0	0
CALCUTTA (DUM DUM)	28.4	-0.6	32.6	29	14.9	-0.2	8.0	04	4.8	24.6	+ 8.5	16.6	16	2	+ 0.5	6.3	3.9	-1.2	0	2	0	0	4	7	0	0	0	0
CALCUTTA	29.0	-0.5	33.7	29	16.5	0.0	9.8	04	2.4	35.5	+ 7.6	31.9	16	1	- 0.8	6.6	4.4	+0.7	0	3	0	0	3	3	0	0	1	0
MIDNAPORE	29.2	-0.4	34.7	29	15.6	-0.3	10.6	05	0.0	2.0	- 31.5	2.0	19	0	- 2.2	5.9	4.1	+0.3	0	1	0	0	0	0	0	0	0	0
CONTAI	28.5	-0.9	33.0	29	17.5	-0.1	11.6	05	0.0	33.1	+ 22.1	27.0	19	2	+ 1.3	8.8	4.8	-1.7	0	3	0	0	0	0	0	0	0	0
SAGAR ISLAND	26.5	-0.3	29.2	18	19.1	+0.3	14.0	04	0.3	28.2	+ 2.5	27.1	19	1	- 0.5	15.7	13.3	-0.2	0	3	0	0	2	10	0	0	0	0
SANDHEADS	26.5	..	30.0	27	21.5	..	11.6	28	2.0	7.2	- 5.7	5.2	19	1	+ 0.1	..	..	..	0	2	0	0	1	0	0	0	0	0
ORISSA																												
BARIPADA	30.3	-0.5	35.4	29	14.7	-0.6	9.3	04	10.9	20.8	- 19.1	12.9	19	2	0.0	3.7	2.0	-0.2	0	4	0	0	5	0	0	0	0	0
JHARSUGUDA	29.4	-1.2	33.4	29	14.7	+0.3	9.0	04	9.9	79.7	+ 56.3	29.8	20	6	+ 4.5	7.5	6.2	-0.2	0	6	0	0	6	0	0	0	0	0
KEONJHARGARH	29.3	+1.3	32.9	29	13.2	-1.5	8.7	05	3.6	16.0	- 34.0	10.0	20	2	0.0	9.1	5.0	+0.1	0	4	0	0	0	0	0	0	0	0
BALASORE	29.0	-0.5	33.0	08	16.3	-0.5	11.4	04	36.0	41.2	+ 2.6	17.2	19	4	+ 1.7	9.2	5.7	+0.2	1	5	0	0	1	2	0	0	0	0
SAMBALPUR	29.5	-1.0	33.1	29	15.4	+0.5	9.8	04	0.0	30.0	+ 3.1	25.0	20	2	- 0.3	6.3	4.8	+1.1	0	2	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER – FEBRUARY 1968 (MAGHA 12 - PHALGUN 10, 1889 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
ORISSA (CONTD.)																												
ANGUL	30.8	+0.3	35.4	29	16.8	+0.5	11.0	04	15.8	28.5	- 1.0	26.3	19	1	- 1.0	3.5	2.7	-3.5	0	2	0	0	3	0	0	0	0	0
CHANDBALI	29.9	0.0	35.1	29	17.0	-0.5	11.5	05	0.0	11.0	- 12.4	11.0	19	1	- 0.4	10.8	7.5	+0.2	0	1	0	0	0	1	0	0	0	0
BOLANGIR	31.5	+0.2	35.0	29	18.1	+0.2	14.4	21	1.8	30.9	+ 2.6	15.1	20	2	+ 0.3	3.6	3.9	-1.7	0	3	0	0	0	0	0	0	0	0
PHULBANI	29.4	..	31.7	18	12.6	..	6.4	05	3.0	26.0	..	23.0	19	2	..	5.3	2.6	..	0	2	0	0	0	0	0	0	0	0
CUTTACK	31.9	+0.4	35.0	10	19.5	+1.3	14.8	05	3.1	53.5	+ 25.8	41.0	19	3	+ 1.3	5.0	3.5	-0.3	0	4	0	0	2	1	0	0	0	0
TITLAGARH	32.2	-0.1	35.2	29	17.5	+1.0	12.3	05	3.6	19.4	+ 8.6	15.5	19	1	+ 0.1	3.3	2.3	-0.1	0	4	0	0	3	0	0	0	0	0
BHUBANESWAR	30.8	-1.2	34.0	10	18.6	+0.1	13.9	04	2.8	57.9	+ 33.2	33.5	19	3	+ 1.7	12.1	9.8	-1.2	0	5	0	0	5	1	0	0	0	0
PURI	29.3	+1.0	31.8	13	21.2	+0.4	19.8	07	3.0	29.0	+ 6.4	26.0	19	2	+ 0.8	22.6	15.6	-0.3	0	2	0	0	0	0	0	0	0	0
GOPALPUR	28.9	0.0	30.8	13	19.8	+0.4	15.4	06	0.2	8.2	- 20.0	7.4	19	1	- 0.2	16.0	12.7	-0.1	1	2	0	0	2	0	0	0	0	0
KORAPUT	27.4	-0.8	29.6	18	14.1	0.0	12.1	05	2.5	6.8	+ 4.7	2.6	21	1	+ 0.7	..	..	..	0	4	0	0	0	0	0	0	0	0
BIHAR PLATEAU																												
DUMKA	28.0	0.0	31.7	28	12.3	-0.9	7.3	03	0.0	2.9	- 22.0	2.9	29	1	- 1.0	3.7	2.1	-1.4	0	1	0	0	0	0	0	0	0	0
DALTONGANJ	26.3	-0.7	30.6	28	10.2	-1.5	5.2	03	0.0	9.6	- 24.2	5.2	22	2	- 0.6	..	..	..	0	2	0	0	0	0	0	0	0	0
HAZARIBAGH	23.9	-1.2	28.0	28	9.4	-2.6	3.7	13	0.0	1.6	- 33.7	0.8	29	0	- 2.7	12.1	9.4	+1.7	0	2	0	0	2	0	0	0	0	0
DHANBAD	27.7	+0.3	31.7	29	13.3	-1.2	8.4	03	0.0	1.4	- 21.5	1.4	29	0	- 2.1	2.2	1.9	-5.3	0	1	0	0	0	0	0	0	0	0
RANCHI AERODROME	24.7	-0.4	29.0	29	11.5	-0.8	6.1	04	2.9	10.8	- 21.2	7.9	20	1	- 1.7	11.6	9.1	-0.3	0	3	0	0	3	0	0	0	1	0
JAMSHEDPUR	28.7	-0.5	33.8	29	12.0	-2.3	6.0	04	1.2	4.7	- 30.5	3.5	19	2	- 0.5	6.7	4.8	+0.7	0	1	0	0	0	0	0	0	0	0
JAMSHEDPUR P.B.O.	28.1	-0.9	32.8	29	14.1	-0.3	9.2	04	1.6	6.8	- 20.7	5.0	19	1	- 1.0	6.9	4.5	+0.3	1	2	0	0	1	1	0	0	0	0
CHAIBASA	28.6	-0.6	33.5	29	13.1	-1.3	8.3	02	11.0	23.0	- 12.1	11.0	21	2	- 0.6	4.0	2.2	-0.2	0	3	0	0	1	0	0	0	0	0
BIHAR PLAINS																												
MOTIHARI	24.7	-0.7	28.9	28	9.1	-1.1	6.3	02	0.0	0.6	- 14.4	0.6	28	0	- 1.3	7.5	4.1	+1.7	0	1	0	0	0	0	0	0	0	0
FORBESGANJ	25.4	-1.8	29.4	28	9.3	-1.7	5.4	04	0.0	0.0	- 4.9	0.0	..	0	- 0.7	10.1	6.0	+1.0	0	0	0	0	0	0	0	0	0	0
DARBHANGA	25.3	-0.6	29.8	21	10.8	-0.8	5.4	04	0.8	0.8	- 15.2	0.8	29	0	- 1.6	3.8	2.7	+0.5	0	1	0	0	0	0	0	0	0	0
MUZAFFARPUR	24.5	..	29.0	28	10.4	..	5.1	04	1.2	1.2	- 15.6	1.2	29	0	- 1.7	..	..	..	0	1	0	0	0	0	0	0	0	0
CHAPRA	25.8	..	30.0	28	11.3	..	6.4	12	0.0	1.2	- 17.9	1.2	28	0	- 1.8	4.5	4.4	..	0	1	0	0	0	0	0	0	0	0
PURNEA	25.2	-1.4	29.6	28	7.5	-3.6	2.4	04	0.7	0.7	- 16.6	0.7	29	0	- 1.5	5.6	2.8	-1.1	0	1	0	0	0	0	0	0	0	0
PATNA	25.9	-0.4	31.7	21	12.0	-1.4	6.1	04	0.8	1.2	- 20.9	0.8	29	0	- 1.9	7.5	6.9	+0.6	0	2	0	0	0	0	0	0	0	0
PATNA AERODROME	25.1	-1.5	30.0	21	10.3	-1.6	6.1	04	1.2	1.2	- 8.0	1.2	28	0	- 0.9	10.8	5.9	+1.1	0	1	0	0	0	2	0	0	0	0
ARRAH	..	..	..	..	..	..	..	..	0.0	0.0	- 27.3	0.0	..	0	- 1.8	..	..	..	.	..	..	..	..	..	..	..	..	.
BHAGALPUR	25.5	-1.9	30.5	28	12.9	-1.4	8.4	05	0.0	1.4	- 2.1	1.4	29	0	- 0.5	10.4	7.4	+1.1	0	1	0	0	1	0	0	0	0	0
SABAUR	25.0	-1.4	29.5	28	8.0	-2.7	3.0	04	0.0	1.2	- 18.9	1.2	29	0	- 1.6	10.4	5.6	+0.1	0	1	0	0	1	0	0	0	0	0
JAMUI	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
DEHRI	25.7	-2.0	30.7	28	12.1	-2.1	8.4	04	5.5	15.7	- 8.9	6.0	21	3	+ 1.0	7.5	5.5	-0.1	0	3	0	0	0	0	0	0	0	0
GAYA	25.8	-1.2	30.5	21	10.7	-1.5	5.3	04	2.2	7.2	- 7.3	5.0	19	1	- 0.6	10.3	6.5	-0.6	0	2	0	0	2	0	0	0	1	0
UTTAR PRADESH EAST																												
KHERI	24.9	-1.3	28.2	26	10.1	-0.8	5.4	03	7.8	12.6	+ 0.2	9.0	21	2	+ 0.6	6.6	4.8	+1.3	0	2	0	1	2	0	0	0	0	0
BAHRAICH	25.1	-0.5	28.2	27	9.7	-1.2	3.7	03	1.8	25.6	+ 4.0	24.0	21	1	- 1.0	10.6	7.0	+2.2	0	2	0	0	1	0	0	0	0	0
NAUTANWA	24.8	-0.8	29.4	28	8.8	-1.5	5.0	04	0.0	4.2	- 4.0	4.2	21	1	+ 0.1	6.0	3.0	-0.4	0	1	0	0	0	0	0	0	0	0
HARDOI	24.1	-2.0	28.0	21	9.7	-1.0	5.7	01	0.0	0.0	- 9.7	0.0	..	0	- 1.1	9.6	3.9	-1.5	0	0	0	0	0	0	0	0	0	0
GONDA	24.8	-0.9	29.4	28	9.4	-1.1	4.6	03	0.0	1.2	- 18.9	1.2	20	0	- 1.8	9.2	6.9	+1.8	0	1	0	0	1	0	0	0	0	0
LUCKNOW	23.9	-2.5	29.3	22	10.7	-0.8	7.4	03	0.0	17.2	- 3.4	17.2	21	1	- 0.9	..	..	..	0	1	0	1	1	0	0	0	0	0
LUCKNOW (AMAUSI)	24.7	-1.3	29.3	28	8.6	-1.1	2.9	03	0.4	5.9	- 3.7	5.5	21	1	+ 0.1	12.2	8.6	+1.3	0	2	0	0	1	0	0	0	0	0
FAIZABAD	25.3	-0.7	29.9	27	9.3	-1.1	5.4	03	0.0	20.2	+ 12.4	10.2	20	2	+ 0.6	..	..	..	0	0	0	0	1	0	0	0	0	0
GORAKHPUR	25.6	-0.3	30.3	28	10.9	-1.4	5.7	03	0.0	3.7	- 15.1	3.3	21	1	- 1.0	7.0	5.0	+1.1	0	2	0	0	0	0	0	0	0	0
KANPUR	24.9	-1.1	29.3	28	10.2	-0.8	5.9	03	0.0	0.0	- 18.3	0.0	..	0	- 1.5	1.3	1.7	-7.1	0	0	0	0	1	0	0	0	0	0
KANPUR (AERODROME)	24.9	..	29.5	28	9.2	..	3.9	03	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
SULTANPUR	25.9	-0.5	31.2	28	10.1	-1.5	5.9	03	0.0	1.2	- 3.7	1.2	20	0	- 0.6	5.2	3.5	-1.2	0	1	0	0	2	0	0	0	0	0
AZAMGARH	25.4	-1.8	30.4	27	9.0	-2.5	3.7	03	0.0	1.2	- 15.8	1.2	28	0	- 1.3	7.0	5.2	..	0	1	0	0	0	0	0	0	0	0
FATEHPUR	24.8	-1.8	30.8	28	9.5	-1.6	4.7	02	0.0	43.4	+ 25.5	43.4	21	1	- 0.8	10.2	5.6	+1.5	0	0	0	1	1	0	0	0	0	0
BALLIA	25.0	-1.6	30.0	21	..	..	..	..	0.0	1.8	- 3.1	1.8	21	0	- 1.0	6.4	1.1	-3.3	0	1	0	0	0	0	1	0	0	0
BANDA	26.0	-1.9	32.7	28	10.5	-1.3	6.1	03	4.4	4.8	- 8.5	4.4	21	1	0.0	3.3	1.4	-0.7	0	2	0	1	0	0	0	0	0	0
ALLAHABAD (BAMHRAULI)	25.9	-0.8	32.4	28	9.8	-1.8	4.7	03	2.0	8.0	- 12.6	3.7	21	2	0.0	6.3	3.7	-1.8	0	3	0	0	4	0	0	0	0	0
VARANASI (BABATPUR)	25.4	-1.8	30.2	28	9.7	-1.8	5.6	02	3.2	36.7	+ 28.8	33.1	21	2	+ 1.2	13.1	9.8	+0.5	0	3	0	0	2	0	0	0	0	0
VARANASI	25.5	-1.1	30.0	28	10.3	-1.7	5.7	03	7.0	7.0	- 16.4	7.0	21	1	- 1.0	4.8	5.7	-2.1	0	1	0	0	0	0	0	0	0	0
UTTAR PRADESH WEST																												
MUKHTIM	12.1	-1.2	17.0	27	3.0	-1.3	0.0	21	46.2	96.8	+ 44.4	35.4	28	7	+ 3.3	..	..	..	0	7	1	0	4	3	0	0	0	0
TEHRI	20.6	-1.8	27.2	27	6.1	-0.5	1.9	01	70.4	77.4	+ 30.7	28.6	28	5	+ 2.0	3.4	1.9	..	1	7	0	0	2	0	0	0	0	0
DEHRA DUN	19.9	-1.5	24.9	27	6.9	-1.3	2.3	03	10.8	36.4	- 30.4	14.6	20	4	+ 0.2	1.5	1.2	-1.9	2	4	0	0	2	0	0	0	0	0
MANSIARI	10.5	..	14.5	05	0.4	..	3.7	02	0.0	169.2	..	33.6	22	7	..	..	..	..	1	12	0	0	0	0	0	0	0	0
ROORKEE	21.5	-1.4	26.8	27	7.0	-1.7	2.2	03	0.0	14.9	- 30.6	10.9	20	1	- 1.9	6.8	4.8	0.0	0	4	0	0	2	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — FEBRUARY 1968 (MAGHA 12 - PHALGUN 10, 1889 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Shower or sleet	Hail	Thunder heard	Fog	Dust-storm	Cloudy	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
UTTAR PRADESH WEST (CONTD.)																												
NAJIBABAD	21.5	-2.2	25.5	20	6.9	-1.5	1.6	03	14.9	31.0	+ 4.8	14.7	21	2	+ 1.8	7.1	6.0	+2.3	0	5	0	0	3	2	0	0	0	0
MEERUT	22.8	-1.7	28.0	27	6.7	-3.1	2.0	03	..	10.0	- 19.7	8.0	20	1	- 1.5	.	8.2	+1.0	0	2	0	0	0	0	0	0	0	0
BAREILLY	23.3	-1.6	27.8	27	10.0	-0.8	4.5	03	0.0	5.6	- 22.1	3.2	28	1	- 1.0	10.4	8.9	+4.1	0	2	0	0	0	1	0	0	0	0
ALIGARH	22.5	-2.4	27.3	26	8.3	-1.6	4.3	10	2.3	16.1	- 2.7	7.0	20	2	+ 0.4	11.8	7.2	+0.9	0	3	0	0	1	0	0	0	0	0
MAINPURI	24.5	-1.5	28.8	28	8.8	-1.3	5.1	03	0.0	0.0	- 12.9	0.0	..	0	- 1.2	..	..	..	0	0	0	0	0	0	0	0	0	0
AGRA	23.3	-2.4	29.0	28	9.0	-1.3	4.9	01	0.0	3.6	- 9.9	3.6	28	1	- 0.2	6.0	3.7	-0.5	0	1	0	0	0	0	0	0	0	0
AGRA AERODROME	23.5	..	29.1	28	8.6	..	4.1	01	2.0	5.6	..	3.6	28	1	..	..	..	..	0	2	0	0	0	0	0	0	0	0
ORAI	24.0	-3.1	31.4	28	9.9	-1.1	5.0	02	0.0	0.0	- 6.0	0.0	..	0	- 0.6	9.9	7.4	+1.6	0	0	0	0	0	0	0	0	0	0
JHANSI	25.3	-2.2	32.2	28	10.5	-1.2	5.9	03	0.0	0.0	- 12.2	0.0	..	0	- 1.1	4.3	4.8	+0.4	0	0	0	0	0	0	0	0	0	0
MORADABAD	22.0	..	26.5	27	9.2	..	5.7	01	0.0	0.0	..	0.0	..	0	..	9.0	7.0	..	0	0	0	0	0	0	0	0	0	0
HARYANA (INCLUDING DELHI AND CHANDIGARH)																												
CHANDIGARH	21.0	-2.4	26.9	27	7.1	-1.8	3.0	02	4.1	27.4	+ 1.9	18.7	20	3	+ 1.4	..	..	..	1	6	0	0	0	0	0	0	0	0
AMBALA	19.6	-4.2	25.4	27	8.6	+0.1	3.7	03	5.4	25.8	- 23.7	18.6	20	1	- 2.1	8.1	6.7	0.0	0	5	0	0	0	0	0	0	0	0
AMBALA AERODROME	20.5	..	26.6	27	6.5	..	1.2	02	4.7	30.7	..	20.1	20	2	..	..	..	..	0	7	0	0	4	2	0	0	0	0
KARNAL	20.7	-3.3	25.4	27	8.1	-1.1	3.6	10	20.0	36.3	+ 13.6	19.3	20	2	+ 0.5	9.5	8.2	..	0	3	0	0	2	0	0	0	0	0
HISSAR	21.4	-3.6	28.2	27	6.9	-1.2	1.9	01	4.8	12.5	- 1.2	7.3	20	2	+ 0.7	8.0	7.2	+0.8	0	3	0	1	3	0	0	0	0	0
NEW DELHI/SAFDARJUNG	21.7	-1.9	27.8	27	8.9	-1.2	4.6	10	83.0	9.3	- 14.3	5.0	21	2	+ 0.3	18.0	12.9	+2.8	0	3	0	2	2	2	0	0	0	0
PALAM AERODROME	21.7	..	27.1	27	6.8	..	1.8	03	0.1	6.4	..	3.0	20	1	..	..	..	..	0	3	0	0	2	0	3	0	0	0
GURGAON	21.4	..	26.6	27	6.5	..	3.2	10	2.5	3.9	..	3.4	20	1	..	8.5	5.9	..	0	2	0	0	0	0	0	0	0	0
KARNAUL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ROHTAK	21.3	..	28.0	27	7.8	..	2.1	03	90.0	95.2	..	91.6	20	1	..	..	..	..	0	2	0	1	0	0	0	0	0	0
PUNJAB																												
PATHANKOT	19.3	-2.9	25.1	27	5.7	-2.7	- 0.2	03	22.1	59.7	+ 17.8	16.3	28	6	+ 3.7	..	..	..	0	6	0	1	1	1	0	0	0	0
AMRITSAR	19.3	-3.3	24.7	27	6.3	-0.2	1.7	02	2.2	42.2	+ 26.3	21.4	20	3	+ 1.4	..	..	..	0	0	0	0	2	1	0	0	0	0
ADAMPUR AERODROME	19.7	..	27.8	27	4.4	..	- 1.6	02	14.0	49.3	..	15.2	28	5	..	..	..	..	0	5	0	1	4	12	0	0	0	0
LUDHIANA	20.8	-2.5	28.4	27	7.2	-1.2	2.2	10	18.5	48.4	+ 11.8	21.6	21	3	+ 0.3	7.1	4.8	+1.6	0	0	0	2	4	0	0	0	0	0
FEROZEPUR	19.3	-4.1	26.0	27	6.3	-1.3	1.5	10	0.0	12.0	- 0.6	5.4	14	1	0.0	5.3	4.0	+1.4	0	0	0	0	0	0	0	0	0	0
HALWARA AERODROME	20.0	..	27.5	27	5.3	..	0.0	10	13.4	31.0	..	14.0	20	2	..	..	..	..	0	4	0	1	6	1	0	0	0	0
PATIALA	20.6	-3.6	27.7	27	8.1	-1.2	3.3	10	24.6	41.2	+ 10.0	19.9	21	2	- 0.1	8.9	7.5	-1.8	0	4	0	1	1	0	0	0	0	0
BHATINDA	20.7	-3.3	27.0	27	6.5	-0.7	2.0	03	3.0	11.3	+ 4.0	8.2	19	2	+ 1.3	3.0	4.0	-0.3	0	0	0	0	0	0	0	0	0	0
HIMACHAL PRADESH																												
MANDI	17.7	-3.6	24.1	26	5.4	+0.5	1.5	02	29.4	91.8	+ 61.7	31.2	28	7	+ 4.5	..	..	..	0	1	0	0	2	0	0	0	0	0
BILASPUR	18.5	-3.3	25.2	28	6.2	+0.3	2.6	03	27.0	144.7	+128.1	47.0	20	6	+ 4.0	4.8	4.0	+0.9	0	8	0	1	5	20	0	0	0	0
JAMMU AND KASHMIR																												
NISGAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
GILGIT	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
SKARDU	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
DRAS	..	..	..	..	..	..	..	..	..	37.7	- 64.2	24.0	27	1	- 6.6	..	..	..	0	7	0	0	0	0	0	0	0	0
SONAMARG	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
LEH	-0.2	-1.0	6.4	27	-14.8	-3.0	-20.7	02	1.4	11.1	+ 3.5	9.2	15	1	+ 0.1	6.3	5.6	+1.8	0	3	7	0	0	0	0	0	0	0
SRINAGAR	3.7	-4.2	10.5	29	- 4.3	-3.5	-12.0	05	13.7	35.4	- 38.3	13.7	14	3	- 3.2	5.0	4.1	-0.2	1	8	7	0	0	1	0	0	0	0
SRINAGAR AERODROME	3.1	..	8.2	24	- 5.6	..	-14.2	05	15.6	41.7	..	12.7	20	5	..	..	..	..	0	4	10	0	0	8	0	0	0	0
GULMARG	SEASONAL OBSERVATORY				..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
DAZIGUND	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
BANIHAL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
JAMMU	20.0	-1.1	24.6	27	8.0	-2.6	4.5	01	17.0	83.6	+ 19.3	30.0	20	4	+ 0.3	4.0	4.8	..	0	9	0	0	0	1	0	0	0	0
JAMMU AERODROME	19.2	..	24.0	25	7.8	..	3.3	01	36.8	89.0	..	44.6	20	5	..	..	..	..	0	8	0	2	2	2	0	0	0	0
GULMARG (RESEARCH INSTITUTE)	0.2	..	5.6	26	- 9.7	..	-18.0	04	28.1	107.1	..	41.8	27	7	..	..	..	..	0	8	0	0	0	9	0	0	0	0
RAJASTHAN, WEST																												
GANGANAGAR	20.9	-3.2	28.0	27	..	..	..	..	10.2	15.0	+ 9.9	13.0	20	1	+ 0.5	4.6	3.4	-1.6	0	3	0	0	0	1	0	0	0	0
ANUPGARH	23.4	..	27.3	26	6.8	..	2.3	04	..	..	..	..	..	..	..	..	..	..	.	..	0	0	0	0	0	0	0	0
MAHAJAN	21.7	..	29.7	27	7.8	..	0.3	03	0.0	10.2	..	6.0	20	2	..	9.1	6.7	..	0	2	0	0	0	0	0	0	0	0
CHURU	22.4	-2.8	30.0	27	5.8	-1.5	0.2	10	5.8	10.0	+ 7.1	5.8	20	3	+ 2.2	9.2	7.2	+1.3	0	3	0	0	2	1	0	0	0	0
BIKANER	22.9	-3.2	31.5	27	7.8	-0.4	1.4	10	6.3	7.6	+ 0.5	5.3	20	1	+ 0.4	7.8	5.9	+0.8	1	2	0	0	2	2	0	0	0	0
NAGAUR	24.1	-2.6	32.1	27	8.2	-2.1	1.9	01	1.0	4.2	+ 0.6	2.0	05	0	- 0.4	7.8	7.1	+1.3	0	3	0	0	2	0	0	0	0	0
PHALODI	..	..	..	..	8.5	-1.4	2.0	01	0.0	6.0	+ 0.4	4.5	05	1	+ 0.4	10.3	8.6	-0.2	0	0	0	0	0	0	1	0	0	0
JAISALMER	..	..	..	..	..	..	..	..	0.0	12.5	+ 11.0	5.2	05	3	+ 2.8	10.0	7.8	-0.4	0	3	0	0	2	1	0	0	0	0
JODHPUR	26.1	-1.8	34.5	27	9.9	-2.1	4.4	08	..	..	..	..	..	..	..	..	..	..	.	..	0	0	0	0	0	0	0	0
BARMER	..	..	..	..	..	..	..	..	0.0	0.0	- 5.6	0.0	..	0	- 0.6	6.3	5.2	-2.3	0	0	0	0	0	0	0	0	0	0
ERINPURA (JAWAI DAM)	25.9	-2.5	32.8	27	9.4	-2.5	3.3	08	..	..	..	..	..	..	..	5.4	3.9	-0.9	.	..	0	0	0	5	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — FEBRUARY 1968 (MAGHA 12 - PHALGUN 10, 1889 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
RAJASTHAN, EAST																												
PILANI	22.9	-3.1	29.9	27	4.8	-3.2	-0.5	01	2.4	8.0	+ 5.0	3.6	20	2	+ 1.6	11.0	8.3	-0.3	0	3	0	0	0	0	1	0	0	0
SIKAR	22.8	-3.4	30.0	27	6.1	-2.1	-0.1	01	8.1	9.7	+ 6.7	9.6	20	1	+ 0.4	2.3	2.5	-3.7	1	1	0	0	0	0	0	0	0	0
ALWAR	22.3	-3.5	27.3	27	9.6	0.0	4.2	03	4.8	6.8	+ 6.3	5.4	20	0	- 0.5	5.0	3.0	-0.6	0	0	0	0	1	0	0	0	0	0
JAIPUR (SANGANER)	23.8	-1.6	29.5	27	8.7	-2.0	2.4	01	0.0	2.3	- 7.6	1.9	28	0	- 1.0	..	..	..	0	0	0	0	0	0	0	0	0	0
DHOLPUR	24.8	-1.5	29.7	27	8.4	-1.5	4.2	03	0.0	0.0	- 3.7	0.0	..	0	- 0.7	2.5	4.3	+0.5	0	0	0	0	0	0	0	0	0	0
AJMER	23.8	-1.5	30.1	27	9.0	-0.9	3.7	02	0.0	2.4	- 4.5	2.0	20	0	- 0.8	8.8	5.8	+1.4	0	2	0	0	0	0	0	0	0	0
TONK	25.0	-1.9	32.0	27	8.9	-0.5	2.8	02	0.0	5.8	+ 5.3	3.0	21	2	+ 2.0	8.4	6.2	+1.2	0	2	0	0	2	0	0	0	0	0
BHILWARA	24.9	..	31.8	27	9.1	..	4.7	01	0.0	0.0	..	0.0	..	0	..	7.0	5.4	..	0	0	0	0	0	0	0	0	0	0
KOTA	26.3	-2.2	32.8	27	11.5	-1.6	7.6	01	..	..	..	..	..	..	..	6.3	4.1	+1.8	.	..	0	0	0	0	0	0	0	0
KOTA AERODROME	25.4	..	32.0	27	12.3	..	7.8	03	..	..	..	..	..	..	..	8.5	7.5	..	.	..	0	0	0	0	0	0	0	0
CHAMBAL (RAWAT BHATTA DAM)	26.4	-2.0	32.6	27	11.6	+2.9	7.2	09	..	..	..	..	..	..	..	3.0	5.0	+0.7	.	..	0	0	0	0	0	0	0	0
UDAIPUR	25.4	-2.2	30.7	28	9.4	-0.3	4.0	09	..	..	..	..	..	..	..	4.3	2.2	-0.4	.	..	0	0	0	0	0	0	0	0
JHALAWAR	26.8	-1.6	32.7	28	11.0	-0.4	5.4	03	0.0	0.0	- 4.1	0.0	..	0	- 0.6	6.8	4.8	+0.7	0	0	0	0	0	0	0	0	0	0
BANSWARA	28.4	..	33.8	27	13.9	..	7.6	09	0.0	0.0	..	0.0	..	0	..	6.5	5.2	..	0	0	0	0	0	0	0	0	0	0
DUNGARPUR	27.7	..	33.1	27	9.7	..	3.5	08	..	..	..	..	..	..	..	.	3.2	..	.	..	0	0	0	2	0	0	0	0
MADHYA PRADESH, WEST																												
GWALIOR	24.5	-2.1	32.0	28	9.1	-0.9	4.0	03	0.0	0.0	- 7.8	0.0	..	0	- 0.8	10.8	5.9	+1.5	0	0	0	0	0	0	0	0	0	0
SHEOPUR	25.8	-2.6	32.8	27	9.4	-0.5	4.8	12	0.0	0.0	- 5.5	0.0	..	0	- 0.6	8.0	6.1	+1.0	0	0	0	0	0	0	0	0	0	0
SHIVPURI	25.1	..	31.9	28	5.8	..	1.0	02	0.0	0.0	..	0.0	..	0	..	6.8	4.5	..	0	0	0	0	0	0	0	0	0	0
NOWGONG	25.5	-2.0	32.4	28	8.2	-1.7	2.9	03	0.0	7.2	- 8.5	7.2	28	1	- 0.4	5.8	3.2	-0.8	0	1	0	0	1	0	0	0	0	0
GUNA	26.8	-1.0	32.9	28	8.5	-1.7	2.9	12	0.0	0.0	- 11.2	0.0	..	0	- 1.0	10.1	6.6	+1.5	0	0	0	0	0	0	0	0	0	0
NIMACH	25.8	-1.8	31.4	27	11.3	-0.6	6.6	09	0.0	0.0	- 4.3	0.0	..	0	- 0.4	7.9	6.4	-0.6	0	0	0	0	0	0	0	0	0	0
RAJGARH	27.2	-2.3	32.6	28	10.3	+0.1	4.6	09	0.0	0.0	- 0.4	0.0	..	0	0.0	7.8	6.0	-0.8	0	0	0	0	0	0	0	0	0	0
SAGAR	29.1	+1.7	30.5	29	11.2	-2.7	7.1	03	0.0	0.0	- 12.7	0.0	..	0	- 1.3	10.2	8.3	+1.2	0	0	0	0	0	0	0	0	0	0
RATLAM	27.8	-2.0	32.5	27	12.3	-1.0	7.4	09	0.0	0.0	- 1.7	0.0	..	0	- 0.3	12.8	9.5	+1.6	0	0	0	0	0	0	0	0	0	0
BHOPAL (RAIRAGARH)	26.7	-1.8	31.7	28	11.0	-1.5	5.1	09	3.2	7.6	+ 2.3	7.6	25	1	+ 0.4	10.6	8.9	+2.5	0	1	0	0	1	0	0	0	1	0
UJJAIN	25.9	..	30.0	28	8.6	..	2.0	09	0.0	2.8	..	2.8	26	1	..	9.3	5.5	..	0	1	0	0	1	0	0	0	0	0
NARSINGHPUR	27.8	..	33.0	28	8.9	..	3.6	13	0.0	0.8	..	0.8	25	0	..	5.9	3.0	..	0	1	0	0	1	0	0	0	0	0
HOSHANGABAD	28.8	-1.0	37.7	25	12.8	-1.5	8.4	08	0.0	7.0	- 4.9	7.0	25	1	- 0.1	..	..	..	0	1	0	0	0	0	0	0	0	0
INDORE	27.4	-1.5	30.9	28	10.1	-0.9	5.0	09	0.3	0.7	- 2.4	0.7	26	0	- 0.4	11.9	9.5	-1.3	0	1	0	0	1	0	0	0	0	0
RAJPUR (JHABUA)	28.9	-1.9	33.4	26	12.0	+0.1	5.4	09	0.0	0.0	0.0	0.0	..	0	- 0.1	8.4	5.3	+0.8	0	0	0	0	0	0	0	0	0	0
CHHINDWARA	27.5	-1.5	29.5	15	11.5	-1.3	7.7	05	5.6	36.8	+ 30.9	15.0	25	3	+ 2.6	..	..	..	0	4	0	0	4	0	0	0	0	0
SEONI	28.0	-0.6	30.5	28	12.6	-0.7	8.0	03	9.0	24.2	- 0.7	6.4	25	5	+ 2.5	8.8	5.3	-0.7	0	5	0	0	5	0	0	0	0	0
BETUL	28.2	-1.6	30.7	15	10.3	-2.2	5.7	08	15.0	15.0	+ 12.8	14.6	26	1	+ 0.7	6.3	3.9	-1.1	0	2	0	0	2	0	0	0	0	0
KHANDWA	..	..	..	..	12.5	-1.1	7.2	10	0.3	6.8	+ 1.2	6.3	26	1	+ 0.4	8.5	7.0	+0.6	1	2	0	0	2	0	0	0	0	0
MADHYA PRADESH, EAST																												
SATNA	25.4	-1.9	32.1	28	10.4	-0.7	5.5	03	2.5	26.7	+ 2.8	21.7	21	2	0.0	5.7	3.8	-0.7	0	2	0	1	1	0	0	0	0	0
REWA	25.3	..	31.8	28	9.2	..	4.4	03	0.0	30.7	..	15.3	21	2	..	5.3	2.5	..	0	3	0	0	0	0	0	0	0	0
SIDHI	26.1	-1.5	32.0	28	10.1	-0.2	5.0	03	4.0	14.6	+ 1.6	10.6	21	2	+ 0.8	4.4	2.6	-1.2	0	2	0	0	0	0	0	0	0	0
UMARIA	26.2	-1.5	32.3	28	9.8	-1.0	5.4	13	0.2	4.3	- 28.9	2.6	20	1	- 1.7	5.9	3.5	-0.1	0	2	0	0	4	0	0	0	0	0
JABALPUR	27.1	-1.8	32.7	28	11.6	+0.2	6.6	03	11.6	13.8	- 10.6	10.4	21	2	- 0.1	5.8	3.2	-0.8	0	2	0	1	3	0	0	0	0	0
AMBIKAPUR	25.4	-1.7	29.6	28	10.1	-0.3	4.6	03	5.4	25.7	+ 3.5	17.7	20	2	+ 0.1	8.9	6.3	-0.6	0	2	0	0	1	1	0	0	0	0
JASHPURNAGAR	24.8	..	28.8	28	10.1	..	5.2	04	3.0	26.8	..	19.0	20	3	..	8.8	5.1	..	0	3	0	0	0	0	0	0	0	0
PENDRA	25.3	-1.2	29.4	28	12.7	+0.2	8.2	04	22.9	33.7	- 2.4	10.0	20	4	+ 1.1	8.4	5.7	-0.4	0	6	0	0	5	0	0	0	0	0
MANDLA	27.2	-2.1	31.5	28	9.6	-0.5	4.4	13	1.2	21.0	+ 5.7	8.0	21	3	+ 1.3	4.9	2.7	+0.3	0	4	0	0	4	0	0	0	0	0
CHAMPA	28.6	-2.5	32.7	29	14.9	-1.3	9.4	04	1.2	27.8	+ 14.5	17.4	20	3	+ 1.8	7.1	5.6	+0.3	1	5	0	0	5	0	0	0	0	0
RAIGARH	30.3	-1.6	34.5	29	15.6	-0.3	10.7	04	0.0	58.1	+ 42.6	20.8	20	4	+ 2.7	6.2	4.9	+0.5	0	4	0	0	4	0	0	0	0	0
RAIPUR	29.8	-0.5	33.3	29	16.1	-0.1	11.1	04	0.0	21.8	- 5.1	12.2	21	3	+ 0.9	7.0	4.8	-1.2	0	4	0	0	4	0	0	0	0	0
KANKER	30.1	-0.1	32.5	11	16.1	+1.5	11.0	05	0.0	59.4	+ 37.1	36.2	19	3	+ 1.0	4.6	4.2	+0.5	0	3	0	0	2	0	0	0	0	0
JAGDALPUR	30.8	-0.2	32.2	20	15.9	+1.6	11.0	05	1.2	14.7	- 7.9	11.2	21	1	- 0.4	..	..	..	2	3	0	0	6	0	0	0	0	0
GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																												
DEESA	27.6	-4.5	33.4	26	11.3	-0.9	6.9	09	0.0	0.0	- 4.3	0.0	..	0	- 0.3	11.0	8.6	..	0	0	0	0	0	0	0	0	0	0
RADHANPUR	27.6	-3.3	33.6	26	12.1	-0.6	5.7	09	0.0	0.0	- 0.1	0.0	..	0	0.0	8.9	7.1	+1.2	0	0	0	0	0	0	0	0	0	0
IDAR	28.2	-2.3	33.6	26	15.6	-0.7	8.2	07	0.0	0.0	0.0	0.0	..	0	0.0	8.6	8.3	+0.8	0	0	0	0	0	0	0	0	0	0
AHMADABAD	29.1	-1.9	34.0	25	13.2	-1.3	5.4	09	0.0	0.0	- 1.5	0.0	..	0	- 0.1	10.3	5.7	+0.6	0	0	0	0	0	1	0	0	0	0
DOHAD	28.4	-1.9	32.8	27	13.2	-1.3	8.1	09	0.0	0.0	- 1.7	0.0	..	0	- 0.2	10.6	9.2	-0.8	0	0	0	0	0	0	0	0	0	0
VALLABH VIDYANAGAR	29.1	..	34.3	26	12.2	..	4.1	08	0.0	0.0	..	0.0	..	0	..	10.1	7.2	..	0	0	0	0	0	0	5	0	0	0
BARODA AERODROME	30.2	-2.5	34.4	25	13.0	-1.2	5.8	09	0.0	0.0	- 0.3	0.0	..	0	- 0.1	9.3	6.3	-0.2	0	0	0	0	0	0	0	0	0	0
BARODA	31.2	-1.2	35.8	26	13.7	+1.0	6.7	09	0.0	0.0	- 1.4	0.0	..	0	- 0.3	3.6	1.9	-1.6	0	0	0	0	0	0	0	0	0	0

TABLE II – SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER – FEBRUARY 1968 (MAGHA 12 – PHALGUN 10, 1889 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena – No. of days with: Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
GUJARAT REGION (INCLUDING DAMAN DADRA AND NAGAR HAVELI)																												
BROACH	..	..	..	..	..	..	..	..	..	0.0	- 0.3	0.0	..	0	- 0.1	7.4	5.8	-0.1	0	0	0	0	0	0	0	0	0	0
SURAT	31.7	-1.4	36.0	24	13.9	-2.5	7.7	09	0.0	0.0	- 1.8	0.0	..	0	- 0.2	9.5	7.7	+1.6	0	0	0	0	0	0	0	0	0	0
SAURASHTRA AND KUTCH (INCLUDING DIU)																												
NALIYA	26.3	-3.4	32.8	26	9.4	-1.8	2.5	08	0.0	0.0	- 4.6	0.0	..	0	- 0.2	15.7	10.4	+2.2	0	0	0	0	1	2	0	0	0	0
BHUJ (RUDRAMATA)	26.8	-2.3	33.6	26	12.5	-0.4	5.1	09	0.0	0.6	- 5.0	0.6	19	0	- 0.4	14.5	10.2	+2.1	0	1	0	0	0	0	0	0	0	0
KANDLA AERODROME	27.6	..	34.0	26	13.6	..	6.5	09	0.0	5.0	..	5.0	19	1	..	18.8	17.7	..	0	1	0	0	0	1	0	0	0	0
NEW KANDLA	26.2	-2.1	34.0	26	15.0	-1.9	8.9	09	0.0	7.0	+ 1.0	7.0	19	1	+ 0.6	13.6	13.6	+1.0	0	1	0	0	1	0	0	0	0	0
MANDVI	25.3	-1.0	29.5	25	12.7	-2.1	7.8	09	0.0	2.5	+ 2.5	2.5	19	1	+ 1.0	16.8	13.6	-2.8	0	1	0	0	0	1	0	0	0	0
SURENDRANAGAR	29.2	-2.2	34.4	26	13.8	-1.0	5.6	09	0.0	0.0	0.0	0.0	..	0	0.0	10.5	9.7	-0.6	0	0	0	0	0	0	0	0	0	0
OKHA	23.9	..	29.8	26	18.0	..	10.9	10	0.0	4.5	..	4.5	19	1	..	17.3	18.9	..	0	1	0	0	0	0	0	0	0	0
JAMNAGAR AERODROME	26.6	-2.2	35.2	26	11.9	-1.1	5.8	10	0.0	2.2	+ 0.4	2.2	19	0	- 0.2	..	..	..	0	1	0	0	0	0	0	0	0	0
DWARKA	25.2	-1.2	31.4	25	16.8	-0.9	11.4	09	0.0	0.0	- 5.1	0.0	..	0	- 0.4	17.1	14.3	-0.5	0	0	0	0	0	0	0	0	0	0
RAJKOT	28.5	-2.2	34.4	26	12.0	-1.1	6.0	09	0.6	0.6	+ 0.6	0.6	20	0	0.0	19.2	16.2	+2.6	0	1	0	0	0	0	0	0	0	0
BHAVNAGAR AERODROME	28.8	-1.5	32.6	24	13.3	-1.6	7.2	09	0.0	0.0	- 0.2	0.0	..	0	0.0	21.7	17.3	+8.7	0	0	0	0	0	0	0	0	0	0
PORBANDER AERODROME	28.4	-1.7	33.5	25	14.8	-2.0	9.7	08	0.0	0.0	- 0.8	0.0	..	0	- 0.1	14.6	10.2	..	0	0	0	0	0	0	0	0	0	0
KESHOD	29.9	-3.3	35.1	25	12.3	-1.4	5.5	09	0.0	0.0	- 2.3	0.0	..	0	- 0.2	15.8	14.5	+0.9	0	0	0	0	0	0	0	0	0	0
MAHUVA	30.4	..	34.0	05	14.8	..	11.1	09	0.0	0.0	0.0	0.0	..	0	- 0.1	10.1	7.7	..	0	0	0	0	0	0	0	0	0	0
VERAVAL	28.3	-0.9	31.9	12	14.0	-1.4	7.5	09	0.0	1.4	- 0.4	1.4	19	0	- 0.2	20.5	16.8	+3.6	0	1	0	0	0	0	0	0	0	0
DIU	27.4	..	30.4	29	16.1	..	11.2	09	0.0	0.0	..	0.0	..	0	..	14.4	10.8	..	0	0	0	0	0	0	0	0	0	0
KONKAN (INCLUDING GOA)																												
DAHANU	..	..	..	..	..	..	..	..	0.0	0.0	- 0.3	0.0	..	0	- 0.1	..	..	..	0	0	0	0	0	0	0	0	0	0
BOMBAY (SANTACRUZ)	29.1	-2.5	33.1	04	16.2	-0.7	12.4	09	0.0	0.0	- 0.8	0.0	..	0	- 0.1	14.4	9.2	0.0	0	0	0	0	0	1	0	0	0	0
BOMBAY	27.1	-2.4	30.8	05	18.6	-1.7	15.9	10	0.0	0.0	- 2.0	0.0	..	0	- 0.1	13.1	10.5	+1.2	0	0	0	0	0	0	0	0	0	0
ALIBAG	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
BHIRA	35.8	..	38.5	04	12.6	..	9.3	09	0.0	0.0	..	0.0	..	0	..	4.1	2.2	..	0	0	0	0	0	0	0	0	0	0
HARNAI	25.8	-2.3	30.2	04	20.8	-1.8	18.7	08	0.0	0.0	- 0.1	0.0	..	0	0.0	20.8	17.3	+3.5	0	0	0	0	0	0	0	0	0	0
RATNAGIRI	29.2	-1.5	34.8	04	18.9	-0.9	16.4	12	0.0	0.0	- 1.0	0.0	..	0	- 0.1	8.8	6.3	..	0	0	0	0	0	0	0	0	0	0
DEVGARH	29.1	-0.9	32.4	02	19.6	-2.1	12.9	04	0.0	0.0	- 0.1	0.0	..	0	0.0	18.8	15.4	+1.6	0	0	0	0	0	0	0	0	0	0
VENGURLA	30.3	-1.4	34.5	02	18.5	-0.6	15.5	19	0.0	1.8	+ 1.5	1.8	27	0	- 0.1	12.0	6.7	..	0	1	0	0	0	1	0	0	0	0
PANJIM	30.2	..	32.3	02	20.6	..	18.2	20	0.0	0.0	..	0.0	..	0	..	15.8	12.2	..	0	0	0	0	0	1	0	0	0	0
MORMUGAO	28.6	-0.4	30.0	04	21.8	-0.1	19.9	20	0.0	0.0	0.0	0.0	..	0	0.0	15.6	13.6	+2.0	0	0	0	0	0	1	0	0	0	0
DABOLIM (NAVAL AIR STN.)	29.1	..	30.2	07	21.3	..	19.4	20	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
MADHYA MAHARASHTRA																												
NANDURBAR	31.4	-2.0	35.0	24	17.1	-0.8	10.6	09	0.0	0.0	0.0	0.0	..	0	0.0	..	..	..	0	0	0	0	0	0	0	0	0	0
JALGAON	32.3	-0.9	34.7	14	13.2	-1.1	6.0	09	6.0	15.6	+ 12.9	6.0	25	3	+ 2.6	11.3	9.5	+1.1	0	4	0	0	0	0	0	0	0	0
MALEGAON	31.3	-1.3	34.5	14	10.7	-2.1	5.2	09	8.3	8.3	+ 5.2	8.3	25	1	+ 0.7	7.6	5.9	-0.2	0	1	0	0	0	0	0	0	0	0
DZAR	30.5	..	32.8	06	9.9	..	4.3	09	16.5	16.5	..	16.5	25	1	..	10.7	9.1	..	0	1	0	0	1	0	0	0	0	0
AHMADNAGAR	32.7	+0.7	34.7	12	13.8	-0.3	10.5	09	0.0	0.0	- 1.5	0.0	..	0	- 0.2	6.7	4.9	-1.3	0	0	0	0	2	0	0	0	0	0
KHANDALA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
POONA AERODROME	31.8	..	33.5	29	14.0	..	10.1	08	0.2	0.2	..	0.2	25	0	..	..	..	..	1	0	0	0	0	0	0	0	0	0
POONA	31.9	-0.2	33.9	11	11.3	-0.3	7.6	09	0.0	0.0	- 1.3	0.0	..	0	- 0.1	6.3	3.7	..	0	0	0	0	0	0	0	0	0	0
JEUR	33.1	-0.5	35.4	14	15.2	+0.5	11.5	16	7.2	19.2	+ 17.1	12.0	24	2	+ 1.8	8.7	5.8	-0.5	0	3	0	0	1	0	0	0	0	0
BARAMATI	32.0	-1.3	33.9	29	15.0	+0.5	11.7	09	0.0	6.6	+ 6.6	6.6	27	1	+ 1.0	7.5	7.0	-0.6	0	1	0	0	1	0	0	0	0	0
SHOLAPUR	33.8	+0.1	36.0	15	18.2	+0.7	16.1	01	1.4	25.1	+ 21.3	16.6	26	3	+ 2.7	8.8	7.1	-0.9	0	5	0	0	3	0	0	0	0	0
MIRAJ	33.3	+0.2	34.6	15	15.3	-0.1	11.3	20	0.0	0.0	- 0.5	0.0	..	0	- 0.1	..	..	..	0	0	0	0	0	0	0	0	0	0
KOLHAPUR	33.4	+0.3	35.3	11	16.2	0.0	12.0	20	0.0	0.0	- 0.5	0.0	..	0	- 0.1	8.7	8.2	-0.3	0	0	0	0	0	0	0	0	0	0
NASIK	30.4	..	33.6	03	22.0	..	18.2	07	..	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
MARATHWADA																												
AURANGABAD	31.3	-0.5	33.0	11	15.9	-0.2	12.6	08	0.0	60.4	+ 56.1	58.6	25	1	+ 0.5	8.0	8.0	-1.1	0	2	1	0	2	0	0	0	0	0
AURANGABAD (CHIKALTHANA)	30.8	-1.2	33.0	11	11.1	-1.4	7.1	03	0.0	46.2	+ 45.1	43.2	25	2	+ 1.7	8.1	5.2	-2.3	0	2	0	0	3	0	0	0	0	0
PARBHANI	31.7	-1.8	34.2	12	15.6	-0.5	12.0	09	0.0	0.0	- 7.6	0.0	..	0	- 0.8	6.4	4.3	-2.1	0	0	0	0	0	0	0	0	0	0
NANDER	32.5	..	34.8	15	15.1	..	11.0	09	..	0.0	..	0.0	..	0	..	5.5	4.1	..	0	0	0	0	0	0	0	0	0	0
BIR	31.4	..	34.4	14	13.6	..	9.3	09	13.1	43.5	..	15.1	25	3	..	5.0	2.6	..	0	4	0	0	0	0	0	0	0	0
VIDARBHA																												
GONDIA	29.6	-1.5	33.0	28	15.6	+0.2	11.4	04	13.3	20.7	+ 6.0	13.3	21	3	+ 1.9	2.5	1.7	-1.6	0	4	0	0	4	0	0	0	0	0
NAGPUR (SONEGAON)	30.1	-2.4	32.9	15	14.6	-0.5	10.3	09	10.6	21.6	- 1.8	10.6	21	3	+ 1.2	8.6	7.7	-0.8	0	4	0	1	4	0	0	0	3	0
AMRAOTI	31.4	-0.4	33.1	29	16.1	-1.1	12.6	08	0.0	17.4	+ 1.4	16.0	25	1	- 0.1	9.9	9.4	+0.3	0	3	0	0	0	2	0	0	0	0
AKOLA AERODROME	31.8	..	34.1	11	14.2	..	10.3	05	0.0	6.1	..	4.9	28	1	..	9.8	8.6	..	0	3	0	0	5	0	0	0	0	0
AKOLA	31.9	-0.9	34.2	11	14.7	-0.5	11.5	09	0.1	0.7	- 9.7	0.3	26	0	- 0.8	6.2	4.9	-1.0	1	2	0	0	0	0	0	0	0	0
BRAMHAPURI	30.5	-1.2	33.0	28	15.5	+0.5	10.6	05	0.8	11.3	+ 0.7	3.9	18	3	+ 2.1	6.3	4.2	-0.2	0	4	0	0	2	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER -- FEBRUARY 1968 (MAGHA 12 - PHALGUN 10, 1889 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
VIDARBHA (CONTD)																												
BULDANA	29.4	-1.3	31.8	14	16.1	-1.8	13.2	02	9.5	9.5	+ 9.2	9.5	27	1	+ 1.0	9.7	7.8	-0.7	0	1	0	0	0	0	0	0	0	0
YEOTMAL	31.2	-1.2	34.3	15	16.7	-1.3	13.4	09	0.0	22.8	+ 18.7	12.0	25	3	+ 2.7	10.3	7.7	-1.6	0	3	0	0	5	0	1	0	0	0
CHANDRAPUR	32.0	-0.3	35.4	15	17.1	+1.2	11.9	05	20.8	58.4	+ 33.5	25.8	20	3	+ 1.4	6.3	4.4	+0.2	0	6	0	0	8	0	0	0	0	0
PUSAD	32.0	..	34.4	15	15.1	..	11.4	04	19.8	36.0	..	19.8	25	2	..	6.9	4.2	..	0	2	0	1	1	0	0	0	0	0
SIRONCHA	32.8	-1.1	34.8	18	19.2	+1.1	13.9	05	9.4	18.3	+ 13.6	9.4	26	3	+ 2.4	5.5	3.7	-0.8	0	3	0	0	0	0	0	0	0	0
WARDHA	31.4	..	34.3	15	15.2	..	11.2	04	6.3	27.7	..	9.6	25	3	..	6.5	5.4	..	0	3	0	0	2	0	0	0	0	0
BHANDARA	30.4	..	33.4	27	..	..	..	..	0.0	49.0	..	21.8	24	3	..	2.3	2.2	..	0	3	0	0	0	0	0	0	0	0
COASTAL ANDHRA PRADESH																												
KALINGAPATAM	30.7	+1.1	32.6	13	19.9	+0.1	16.0	06	0.0	0.0	- 14.7	0.0	..	0	- 1.1	14.7	9.3	-0.2	0	0	0	0	1	0	0	0	0	0
VISHAKHAPATNAM	31.8	+2.6	34.6	11	21.1	+1.8	18.8	06	0.0	0.2	- 21.4	0.2	26	0	- 1.1	18.5	9.6	+3.2	1	0	0	0	4	0	0	0	0	0
KAKINADA	32.0	+2.4	33.6	29	21.7	+1.0	20.1	13	0.0	0.0	- 9.1	0.0	..	0	- 0.8	7.6	5.2	-3.6	0	0	0	0	0	0	0	0	0	0
NIDADAVOLE	32.1	0.0	33.1	28	20.4	+1.1	18.0	09	0.4	0.4	- 3.2	0.4	24	0	- 1.0	7.3	6.0	0.0	0	1	0	0	0	0	0	0	0	0
RENTACHINTALA	34.7	+0.6	37.0	29	21.7	+1.8	19.4	01	0.0	0.0	- 7.9	0.0	..	0	- 0.6	4.2	5.7	-0.8	0	0	0	0	0	0	0	0	0	0
GANNAVARAM	32.2	-0.7	34.4	29	20.5	+0.5	18.0	08	0.0	0.0	- 3.1	0.0	..	0	- 0.5	14.6	9.3	0.0	0	0	0	0	0	2	0	0	0	0
MASULIPATAM	30.2	+0.6	31.6	11	20.2	-0.6	18.4	07	0.0	12.4	- 2.6	..	..	..	..	4.4	2.7	-5.5	.	..	0	0	0	1	0	0	0	0
ONGOLE	32.6	+2.0	33.7	16	..	..	..	..	0.0	0.0	- 6.4	0.0	..	0	- 0.4	..	..	..	0	0	0	0	0	0	0	0	0	0
NELLORE	32.1	+0.1	34.8	17	21.7	+0.6	20.2	07	0.0	5.2	- 1.7	5.2	21	1	+ 0.6	..	..	..	0	1	0	0	0	0	0	0	0	0
VISHAKHAPATNAM (SOLAR)	29.2	..	31.2	13	21.8	..	20.2	02	..	0.0	..	0.0	..	0	..	.	6.9	..	0	0	0	0	1	0	0	0	0	0
TELANGANA																												
RAMGUNDAM	33.5	-0.6	35.4	13	19.6	+0.8	15.2	05	27.2	27.6	+ 25.4	24.0	21	2	+ 1.7	8.3	5.4	-0.3	0	3	0	0	1	1	0	0	0	0
NIZAMABAD	32.7	+0.1	35.8	15	18.7	+1.2	16.5	01	8.2	8.9	- 10.2	7.0	23	1	- 0.4	6.1	5.1	+0.4	0	3	0	0	0	0	0	0	0	0
HANAMKONDA	30.9	-1.5	34.2	09	19.6	+0.4	15.8	05	0.0	6.0	- 8.0	6.0	23	1	- 0.1	9.0	8.0	-1.1	0	1	0	0	2	0	0	0	0	0
HAKIMPET AERODROME	31.7	..	36.1	13	18.4	..	16.1	21	3.0	7.0	..	3.2	25	2	..	..	..	..	0	3	0	0	2	0	0	0	0	0
BHADRACHALLAM	34.1	+0.1	35.4	10	20.8	+1.8	17.2	01	0.0	8.0	+ 6.7	8.0	23	1	+ 0.8	2.5	2.7	-3.8	0	1	0	0	2	0	0	0	0	0
HYDERABAD (BEGAMPET)	32.2	+1.0	34.0	18	17.1	+0.4	14.7	06	0.4	6.2	- 3.5	5.0	23	1	+ 0.1	8.5	5.3	-3.6	0	2	0	0	2	0	0	0	0	0
KHAMMAM	33.9	+0.3	36.6	29	21.2	+1.2	19.4	01	5.0	11.8	+ 4.1	10.4	21	1	+ 0.6	6.3	6.6	-0.6	0	2	0	0	2	0	0	0	0	0
MAHBUBNAGAR	31.7	-0.6	34.0	17	19.2	+1.3	17.3	12	4.0	4.0	+ 3.5	4.0	21	1	+ 0.6	9.2	4.8	-3.8	0	1	0	0	0	0	0	0	0	0
RAYALASEEMA																												
KURNOOL	34.7	+0.4	36.7	17	21.0	+1.7	18.9	08	0.0	10.8	+ 2.7	5.8	20	2	+ 1.5	6.7	5.2	-1.7	0	2	0	0	0	0	0	0	0	0
NANDYAL	34.9	..	36.2	29	21.0	..	18.8	01	0.0	1.5	..	1.5	19	0	..	7.3	7.0	..	0	1	0	0	0	0	0	0	0	0
ANANTAPUR	33.6	+0.2	35.8	17	20.4	+1.8	17.2	11	0.0	10.1	+ 4.0	8.9	21	1	+ 0.6	10.0	9.3	+0.1	0	2	0	0	0	0	0	0	0	0
CUDDAPAH	33.1	-1.2	36.3	17	21.7	+0.7	18.8	11	0.0	0.0	- 3.3	0.0	..	0	- 0.2	9.5	7.5	-3.7	0	0	0	0	0	0	0	0	0	0
AROGYAVARAM	30.5	+0.4	34.2	17	17.1	+0.4	13.2	10	9.0	9.0	+ 4.4	9.0	20	1	+ 0.7	10.5	8.6	+1.5	0	1	0	0	0	0	0	0	0	0
MADRAS STATE (INCLUDING PONDICHERRY																												
MADRAS	30.1	+0.4	32.2	17	21.4	+0.6	19.5	13	0.0	0.0	- 8.0	0.0	..	0	- 0.7	7.9	4.1	-1.2	0	0	0	0	0	0	0	0	0	0
MADRAS (MINAMBAKKAM)	31.3	+0.7	33.2	17	21.3	+0.2	19.6	15	0.0	0.0	- 12.5	0.0	..	0	- 0.8	13.2	8.2	-1.0	0	0	0	0	0	6	0	0	0	0
VELLORE	32.2	+0.6	34.6	17	18.5	-0.7	15.5	08	0.0	0.0	- 5.3	0.0	..	0	- 0.5	..	..	..	0	0	0	0	0	0	0	0	0	0
TAMBARAM AERODROME	33.2	..	34.7	20	20.7	..	19.4	04	0.0	1.5	..	1.5	21	0	..	..	..	..	0	1	0	0	0	0	0	0	0	0
TIRUPPATTUR	32.2	-0.3	34.1	05	18.7	+1.2	13.1	02	0.0	0.0	- 13.2	0.0	..	0	- 0.8	5.1	3.9	-0.2	0	0	0	0	0	0	0	0	0	0
METTUR DAM R.S.	33.9	..	35.8	18	22.0	..	17.8	08	0.0	0.0	..	0.0	..	0	..	5.8	6.6	..	0	0	0	0	0	0	0	0	0	0
CUDDALORE	29.9	+0.9	33.5	20	20.6	-0.6	18.2	13	5.1	9.1	- 13.8	5.1	21	2	+ 0.9	10.5	8.1	-0.9	0	2	0	0	0	0	0	0	0	0
KALLAKKURICHCHI	33.0	+0.3	34.2	19	..	..	..	..	0.0	0.0	- 12.0	0.0	..	0	- 0.7	1.3	1.3	..	0	0	0	0	0	0	0	0	0	0
SALEM	33.7	0.0	35.2	29	20.2	0.0	16.3	07	0.0	0.0	- 8.4	0.0	..	0	- 0.6	11.5	11.7	+1.0	0	0	0	0	0	0	0	0	0	0
COIMBATORE (PILAMEDU)	33.0	+0.5	34.8	15	19.2	+0.1	16.3	10	0.0	0.0	- 8.5	..	..	0	- 0.7	15.4	14.3	+3.6	0	0	0	0	0	0	0	0	0	0
COIMBATORE	33.1	+0.9	34.7	14	19.3	-0.9	16.4	07	..	5.6	- 2.3	5.6	22	1	+ 0.5	.	6.9	+0.4	0	1	0	0	0	0	0	0	0	0
NAGAPATTINAM	29.3	+0.6	30.5	20	23.5	0.0	20.4	15	0.0	0.8	- 24.1	0.8	20	0	- 1.2	14.5	15.2	-0.6	0	1	0	0	0	0	0	0	0	0
TIRUCHCHIRAPPALLI	32.5	-0.2	34.1	18	20.3	-1.0	17.8	15	7.7	7.7	- 1.4	7.7	21	1	+ 0.3	9.6	7.9	+0.2	0	1	0	0	0	0	0	0	0	0
VEDARANNIYAM	31.8	..	32.6	29	22.2	..	19.2	14	4.0	4.0	..	4.0	23	1	..	7.2	5.1	..	0	1	0	0	0	0	0	0	0	0
ATIRAMPATTINAM	31.0	..	32.0	22	21.2	..	19.2	15	24.0	24.0	..	24.0	24	1	..	13.2	8.9	..	0	1	0	0	0	0	0	0	0	0
MADURAI	32.4	0.0	33.8	18	20.2	-1.4	17.6	07	..	0.0	- 14.7	0.0	..	0	- 0.8	.	6.6	0.0	0	0	0	0	0	0	0	0	0	0
MADURAI AERODROME	32.5	+0.4	33.9	19	19.5	-1.6	16.6	07	0.0	1.0	- 3.1	1.0	23	0	- 0.8	11.3	8.2	-2.8	0	1	0	0	0	1	0	0	0	0
TONDI	29.5	-0.3	31.3	20	22.5	-0.2	20.5	16	0.0	0.0	- 7.9	0.0	..	0	- 1.0	15.3	15.4	-1.3	0	0	0	0	0	0	0	0	0	0
PAMBAN	29.7	+0.6	30.7	22	21.5	-2.6	17.0	15	0.0	0.0	- 21.6	0.0	..	0	- 1.4	16.0	14.8	+0.9	0	0	0	0	0	0	0	0	0	0
TUTICORIN	28.3	+0.1	29.9	19	21.3	-1.7	19.4	09	0.0	74.6	+ 54.2	42.8	22	2	+ 1.3	18.8	19.7	+0.3	0	2	0	0	0	0	0	0	0	0
PALAYANKOTTAI	33.7	+1.0	36.2	18	20.9	-1.8	19.1	16	0.6	0.6	- 27.9	0.6	25	0	- 1.6	10.0	7.3	-1.0	0	1	0	0	0	0	0	0	0	0
KANNIYAKUMARI	30.7	..	32.6	12	23.1	..	21.4	13	29.6	30.4	..	28.4	22	1	..	23.2	18.1	..	0	3	0	0	1	0	0	0	0	0
PONDICHERRY	28.9	..	31.1	24	19.9	..	17.7	17	0.0	0.0	..	0.0	..	0	..	14.7	16.2	..	0	0	0	0	0	0	0	0	0	0
PORTNOVO	29.4	..	31.2	17	19.4	..	17.1	16	..	0.0	..	0.0	..	0	..	.	3.9	..	0	0	0	0	0	0	0	0	0	0
TUTICORIN H.P.	29.2	..	30.4	24	22.4	..	19.5	16	0.0	13.6	..	5.5	04	2	..	18.5	17.8	..	0	4	0	0	1	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER – FEBRUARY 1968 (MAGHA 12 – PHALGUN 10, 1889 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena – No. of days with: Precipitation: 0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust storm	Duststorm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	20	21	22	23	24	25	26	27	28
COASTAL MYSORE																												
KARWAR	30.1	-0.7	32.0	04	20.8	+2.1	17.3	15	0.0	0.0	- 0.7	0.0	..	0	- 0.1	7.9	4.3	..	0	0	0	0	0	0	0	0	0	0
HONAVAR	29.7	-1.6	32.1	13	20.9	+0.4	19.0	20	0.0	0.0	- 0.3	0.0	..	0	0.0	..	..	..	0	0	0	0	0	0	0	0	0	0
MANGALORE (BAJPE)	32.2	-0.6	34.5	04	22.1	+0.3	20.7	15	0.0	0.0	0.0	0.0	..	0	0.0	10.4	6.5	-1.2	0	0	0	0	0	0	0	0	0	0
MANGALORE	30.5	-0.6	32.8	04	23.2	+0.4	22.0	15	0.0	0.0	- 2.5	0.0	..	0	- 0.2	12.0	9.7	+0.9	0	0	0	0	0	0	0	0	0	0
MANGALORE H.P.	31.3	..	33.4	04	22.5	..	21.1	14	0.0	0.0	..	0.0	..	0	..	14.5	9.2	..	0	0	0	0	1	0	0	0	0	0
INTERIOR MYSORE NORTH																												
BIDAR	31.1	0.0	33.5	18	18.9	+0.2	16.6	23	19.3	72.5	+ 63.1	25.6	24	3	+ 2.2	12.9	10.3	-0.3	0	4	0	0	0	0	0	0	0	0
GULBARGA	33.7	+0.3	35.8	15	19.4	+0.9	17.4	04	8.0	14.4	+ 7.3	..	..	..	..	10.4	7.7	-2.2	.	..	0	0	2	0	0	0	0	0
BIJAPUR	33.6	+0.7	35.9	15	18.9	+0.8	13.8	03	0.0	43.8	+ 41.5	28.2	22	2	+ 1.8	6.4	5.3	-0.1	1	3	0	0	0	10	0	0	0	0
RAICHUR	32.9	-0.3	35.2	14	21.5	+1.0	19.1	12	0.0	0.0	- 7.1	..	..	0	- 0.5	7.9	8.2	-1.2	0	0	0	0	0	0	0	0	0	0
BELGAUM	33.0	+0.8	35.6	16	16.1	+1.0	12.2	20	0.0	0.0	- 1.3	..	..	0	- 0.1	5.9	3.4	-3.2	0	0	0	0	0	0	0	0	0	0
BELGAUM (SAMRA)	31.7	+0.2	33.0	29	16.9	+0.8	12.6	20	0.0	2.0	0.0	2.0	08	0	- 0.2	9.2	6.4	-5.5	0	1	0	0	2	0	0	0	0	0
GADAG	33.5	+0.5	34.8	05	19.0	+0.4	16.5	17	0.0	5.1	+ 2.6	3.6	22	1	+ 0.7	7.0	6.0	-1.1	0	3	0	0	4	0	0	0	0	0
BIDAR A.F.	31.3	..	34.0	18	17.3	..	15.5	23	26.8	86.6	..	38.1	24	4	..	..	..	..	0	4	0	0	5	0	0	0	0	0
INTERIOR MYSORE, SOUTH																												
BELLARY	34.8	+1.5	36.6	29	20.4	+0.5	18.0	07	0.0	5.3	- 0.8	5.3	21	1	+ 0.6	8.5	6.1	+0.9	0	1	0	0	0	0	0	0	0	0
CHITRADURGA	32.3	+0.3	34.2	15	20.0	+0.8	18.0	26	0.0	0.8	- 4.3	0.4	23	0	- 0.3	8.0	6.5	-0.4	0	2	0	0	1	0	0	0	0	0
SHIMOGA	33.4	+0.5	35.3	15	17.1	+1.0	14.0	02	0.0	3.8	+ 3.6	2.2	24	0	0.0	2.7	2.2	-2.1	0	2	0	0	3	1	0	0	0	0
AGUMBE	29.3	..	30.8	27	14.1	..	10.4	05	..	0.0	..	..	..	0	..	.	2.6	..	0	0	0	0	0	2	0	0	0	0
BALEHONNUR	31.3	+2.0	33.7	11	16.8	+1.0	14.2	07	..	16.4	+ 13.6	11.4	26	2	+ 1.8	..	..	..	0	2	0	0	0	0	0	0	0	0
HASSAN	30.0	-0.5	31.3	11	15.2	-0.9	13.0	15	5.4	21.0	+ 13.4	21.0	23	1	+ 0.5	6.1	4.1	-1.6	0	1	0	0	1	3	0	0	0	0
BANGALORE	29.6	-0.1	31.2	19	17.0	+0.5	14.5	10	4.8	5.8	- 3.1	4.8	22	1	+ 0.5	7.8	6.5	-3.2	0	2	0	0	0	1	0	0	0	0
BANGALORE AERODROME	29.7	-0.9	31.2	18	15.6	-0.8	12.7	10	0.4	2.5	- 12.5	2.5	22	1	+ 0.3	..	..	..	0	1	0	0	0	3	0	0	0	0
MYSORE	30.8	-0.4	32.5	16	18.4	+0.2	15.6	11	0.0	33.5	+ 26.9	32.0	23	1	+ 0.6	14.1	9.1	0.0	0	2	0	0	1	0	0	0	0	0
YALANKA A.F.	30.5	..	31.7	17	15.3	..	11.9	10	0.0	0.0	..	..	..	0	..	..	..	..	0	0	0	0	0	1	0	0	0	0
KERALA																												
CALICUT	31.9	0.0	33.2	29	23.2	+0.1	21.6	05	2.2	2.2	- 6.2	2.2	22	0	- 0.3	9.0	7.7	-3.7	0	1	0	0	0	0	0	0	0	0
PALGHAT	35.5	-0.2	37.0	14	22.2	-0.8	19.4	07	0.0	16.0	+ 6.9	12.4	21	2	+ 1.3	11.6	8.1	-1.2	0	2	0	0	0	0	0	0	0	0
FORT COCHIN	31.3	+0.6	32.6	28	23.1	-1.2	20.8	08	0.0	29.8	+ 4.4	23.8	21	2	+ 0.6	13.9	9.9	+0.6	0	3	0	0	3	0	0	0	0	0
COCHIN (NAVAL AIR STATION)	31.4	..	32.7	12	23.1	..	20.2	11	0.7	15.7	..	10.4	21	2	..	12.2	9.4	..	0	3	0	0	5	1	0	0	0	0
ALLEPPEY	31.8	-0.1	32.8	28	23.2	-0.4	21.3	03	0.0	93.0	+ 49.3	44.8	16	3	+ 0.5	12.9	8.3	-2.4	0	4	0	0	1	0	0	0	0	0
PUNALUR	35.3	+0.6	36.2	09	20.2	-1.1	17.3	11	0.0	122.6	+ 98.2	43.6	22	4	+ 1.0	3.6	2.7	-2.5	0	5	0	0	0	0	0	0	0	0
TRIVANDRUM	31.3	-0.4	34.4	02	22.0	-0.9	20.1	04	1.8	1.8	- 19.0	1.4	24	0	- 1.3	9.2	6.7	+0.8	0	2	0	0	3	0	0	0	0	0
TRIVANDRUM AERODROME	30.6	-0.7	32.7	02	..	..	..	..	..	0.0	- 34.3	..	..	0	- 1.9	.	6.6	-0.3	0	0	0	0	3	0	0	0	0	0
ARABIAN SEA ISLANDS																												
AMINI	30.9	-1.1	31.6	29	24.2	-0.7	21.6	23	0.0	0.0	- 2.0	0.0	..	0	- 0.3	11.4	10.8	+2.8	0	0	0	0	0	0	0	0	0	0
AGATTI	31.2	..	31.6	29	22.6	..	22.2	14	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
ANDROTH	31.1	..	32.5	04	25.2	..	23.2	16	0.0	0.0	..	0.0	..	0	..	7.0	5.9	..	0	0	0	0	0	0	0	0	0	0
MINICOY	30.7	+0.9	31.8	04	22.3	-1.2	20.3	20	1.3	5.4	- 16.9	4.4	26	1	- 0.3	7.8	5.0	-1.7	0	2	0	0	4	0	0	0	0	0
HILL STATIONS (EXCLUDING KASHMIR)																												
DALHOUSIE	10.8	-2.7	13.4	25	2.3	-1.8	- 1.0	08	16.4	140.1	- 27.5	19.6	07	5	- 2.8	0.1	3.0	-0.9	.	..	..	..	..	..	..	.	..	.
DHARMASALA	14.5	-2.6	19.9	27	5.4	-3.4	1.8	01	60.5	148.6	+ 56.3	38.5	28	9	+ 4.3	6.3	2.8	-1.8	0	9	0	0	0	0	0	0	0	0
BHUNTAR	14.9	..	21.6	26	2.4	..	- 1.7	02	33.5	103.7	..	49.7	28	7	..	5.3	4.7	..	0	10	0	0	3	0	0	0	0	0
SIMLA	8.4	-1.9	16.2	27	1.0	-2.1	- 3.2	01	13.4	47.3	- 22.8	20.5	28	4	- 1.6	5.1	4.5	+0.2	0	4	7	0	0	0	0	0	0	0
DHARMPUR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
GHANGARIA (KANJALIA TOK)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
BADRINATH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
JOSHIMATH	10.7	-2.6	17.2	27	1.7	-1.7	- 3.0	01	67.4	136.2	+ 41.4	59.9	28	6	+ 0.2	5.0	7.6	+0.4	0	1	1	0	0	0	0	0	0	0
MUSSOORIE	9.5	-2.4	17.1	27	0.8	-2.9	- 3.8	01	20.0	72.0	- 17.5	38.0	28	4	- 1.5	1.0	9.0	+1.6	0	7	0	3	1	0	0	0	0	0
MUKTESWAR (KUMAUN)	9.9	-1.5	16.1	27	1.2	-1.9	- 1.8	01	36.5	67.5	+ 5.5	27.0	21	5	+ 0.5	9.4	10.4	-1.9	0	7	3	1	2	2	0	0	0	0
NAINITAL	10.4	-2.7	14.0	26	1.6	-2.5	- 3.8	01	48.0	108.4	+ 64.4	47.0	21	4	+ 1.6	10.2	7.7	-0.2	0	3	0	0	0	0	0	0	0	0
KALIMPONG	13.3	-3.4	16.8	28	8.1	-1.0	6.4	04	0.0	0.0	- 23.6	0.0	..	0	- 2.4	11.2	8.3	-0.5	0	0	0	0	0	0	0	0	0	0
DARJEELING	6.5	-4.6	11.5	26	2.2	-2.1	1.0	06	1.5	5.1	- 26.6	2.8	04	1	- 1.7	2.3	2.3	0.0	0	3	0	0	0	4	0	0	0	0
KOHIMA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SHILLONG (C.S.O.)	15.9	-2.6	18.5	22	6.0	-0.4	0.5	03	6.8	7.2	- 22.0	6.6	22	1	- 1.9	6.9	5.8	+1.9	0	2	0	0	1	0	1	0	0	0
CHERRAPUNJI	16.1	-0.8	18.1	28	8.2	-2.3	4.3	04	9.3	22.1	- 30.2	13.7	21	2	- 1.4	7.9	9.7	+0.4	0	2	0	1	1	0	0	0	0	0
ABU	19.5	-1.7	26.4	26	8.8	-2.7	3.0	09	0.0	0.6	- 6.3	0.6	19	..	..	2.6	1.9	-4.1	0	0	0	0	2	0	0	0	0	0
AJAL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
PACHMARHI	22.9	-1.8	26.5	28	9.4	-1.0	3.9	09	0.0	5.0	- 19.6	2.6	28	1	- 0.9	4.6	3.2	-1.0	0	2	0	0	2	0	0	0	0	0
MAHABALESHWAR	27.7	+1.6	30.0	04	13.2	-1.7	10.4	20	0.0	0.0	- 2.8	0.0	..	0	- 0.2	8.8	8.9	+0.9	0	0	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER – FEBRUARY 1968 (MAGHA 12 – PHALGUNA 10, 1889 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena – No. of days with: Precipitation 0.1 to 0.3 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Duststorm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	20	21	22	23	24	25	26	27	28
HILL STATION (EXCLUDING KASHMIR) (CONTD.)																												
MERCARA	27.4	+0.6	29.2	13	12.0	-3.1	5.4	04	0.0	3.2	- 4.4	3.2	25	1	+ 0.4	9.6	7.5	-0.9	0	1	4	3	0	0	0	0	0	0
OOTACAMUND	21.6	+1.0	23.3	12	6.7	+0.4	4.8	14	0.0	13.2	+ 0.3	12.4	21	1	0.0	3.9	2.3	-1.0	0	2	0	0	0	0	0	0	0	0
COONOOR	21.7	+0.9	24.1	28	7.7	-1.9	3.9	11	..	268.2	+194.4	112.2	21	5	+ 1.9	..	..	..	0	5	0	0	0	0	0	0	0	0
KODAIKANAL	18.5	+0.6	19.5	10	8.1	-0.6	6.7	01	4.0	26.1	- 13.3	11.7	23	1	- 1.2	14.1	14.6	+2.4	0	2	5	0	0	1	0	0	0	0
NEPAL																												
KATMANDU	19.6	-1.1	23.0	28	2.5	-1.5	- 1.9	08	3.6	9.0	- 3.9	4.4	21	2	+ 0.6	2.5	1.4	-0.1	0	3	0	0	1	7	0	0	0	0
SIKKIM																												
LACHEN	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
HYDROMETEOROLOGICAL OBSERVATORIES																												
DAMODAR CATCHMENT																												
TILAIYA	24.1	..	28.6	28	11.5	..	7.5	13	3.0	8.6	..	6.8	29	1	..	11.0	6.3	..	0	2	0	0	0	0	0	0	0	0
HAZARIBAGH	23.8	..	27.6	16	9.5	..	4.2	13	0.8	2.4	..	1.4	29	0	..	9.4	5.6	..	0	2	0	0	1	0	0	0	0	0
KONAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
BOKARO	27.9	..	32.0	28	7.4	..	2.6	04	..	2.9	..	2.4	20	0	..	6.7	4.7	..	1	2	0	0	0	0	0	0	0	0
MAITHON	28.0	..	31.9	28	10.4	..	5.7	05	0.0	1.1	..	0.6	29	0	..	2.8	2.4	..	0	2	0	0	0	0	0	0	0	0
RAMGARH	27.9	..	34.4	29	9.5	..	4.0	04	0.0	4.9	..	2.2	20	0	..	6.1	3.6	..	0	4	0	0	4	0	2	0	0	0
PANCHET HILLS	27.7	..	31.0	29	13.9	..	9.4	04	0.0	1.0	..	1.0	29	0	..	5.0	2.9	..	0	1	0	0	0	0	0	0	0	0
DURGAPUR	28.1	..	32.2	29	13.2	..	8.0	02	0.0	0.8	..	0.8	20	0	..	14.4	11.7	..	0	1	0	0	0	0	0	0	0	0
MAHANADI CATCHMENT																												
GINABAHAR	27.2	..	31.3	29	10.8	..	6.1	13	..	31.2	..	14.6	20	4	..	..	..	..	0	4	0	0	4	0	0	0	0	0
HIRAKUD	29.3	..	33.8	29	16.9	..	11.9	04	0.5	56.7	..	26.4	20	3	..	3.5	3.0	..	1	5	0	0	4	0	0	0	0	0
BHIMKUND	29.1	..	34.2	29	14.3	..	8.2	04	26.3	20.8	..	12.5	19	5	..	8.2	3.8	..	0	5	0	0	8	0	0	0	0	0
SONEPUR	30.9	..	34.5	29	18.0	..	11.4	06	..	22.5	..	11.0	19	3	..	.	1.3	..	0	4	0	0	0	0	0	0	0	0
KHIJRAWAN	30.5	..	32.9	18	15.5	..	9.6	05	0.0	64.8	..	62.4	19	1	..	..	..	..	0	2	0	0	4	0	0	0	0	0
NARMADA CATCHMENT																												
BAGRA TAWA	28.1	..	33.0	28	10.7	..	6.1	03	0.0	11.6	..	11.6	25	1	..	8.4	5.4	..	0	1	0	0	0	0	0	0	0	0
PUNASA	29.7	..	33.4	28	..	..	..	..	0.0	1.5	..	1.5	25	0	..	5.2	5.3	..	0	1	0	0	0	0	0	0	0	0
THIKRI	32.5	..	35.0	27	11.9	..	6.7	02	..	7.4	..	4.0	26	2	..	..	..	..	0	2	..	..	..	..	..	.	..	.
SABARMATI CATCHMENT																												
DAROI	28.1	..	33.2	26	..	..	..	..	0.2	0.5	..	0.5	19	0	..	..	..	..	0	1	0	0	0	0	0	0	0	0
GANDAK CATCHMENT																												
JAMOSOM	13.1	..	18.3	07	- 1.2	..	- 4.7	22	1.0	3.0	..	2.0	21	0	..	..	..	..	0	2	..	..	..	..	..	.	..	.
KHUDI BAZAR	..	..	..	..	7.2	..	4.6	01	7.0	35.0	..	9.8	23	4	..	..	..	..	0	9	..	..	..	..	..	.	..	.
TIMURE	16.3	..	19.9	28	4.0	..	0.9	03	2.1	20.1	..	10.8	21	2	..	..	..	..	0	5	..	..	..	..	..	.	..	.
POKHARA	20.3	..	23.5	28	8.9	..	5.8	02	6.5	13.1	..	9.7	23	1	..	0.9	0.5	..	0	4	0	1	4	1	0	0	0	0
GORKHA	19.3	..	23.2	28	8.4	..	5.1	04	1.5	2.5	..	1.5	29	0	..	..	..	..	0	2	0	0	0	0	0	0	0	0
NUWAKOT	21.2	..	24.5	28	9.5	..	6.5	04	2.0	2.0	..	2.0	29	0	..	..	..	..	0	1	..	..	..	..	..	.	..	.
GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)																												
DAILEKH	16.0	..	19.2	27	6.0	..	1.8	03	12.8	25.2	..	15.8	21	2	..	..	..	..	0	4	..	..	..	..	..	.	..	.
GHAGHARA CATCHMENT																												
SALLYANA	16.8	..	20.1	28	6.9	..	2.8	01	3.9	26.8	..	24.1	21	1	..	..	..	..	0	3	..	..	..	..	..	.	..	.
BUTWAL	24.1	..	28.4	21	12.4	..	6.4	01	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	..	..	..	..	..	.	..	.
BAGHMATI CATCHMENT																												
KATMANDU	SEE UNDER NEPAL				..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
KOSI CATCHMENT																												
CHAUTARA	22.2	..	24.1	18	9.6	..	6.7	01	9.3	14.0	..	12.0	13	1	..	..	..	..	0	3	..	..	..	..	..	.	..	.
WALUNGCHUNG GOLA	4.5	..	7.9	27	- 4.2	..	- 7.1	12	3.1	33.4	..	8.4	21	6	..	..	..	..	0	7	..	..	..	..	..	.	..	.
TAPLETHOK	19.2	..	23.3	27	7.0	..	3.2	02	0.0	2.0	..	1.6	29	0	..	..	..	..	0	2	..	..	..	..	..	.	..	.
BHOJPUR	13.2	..	17.6	27	6.5	..	2.5	03	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	..	..	..	..	..	.	..	.
TAPLEJUNG	13.5	..	17.5	27	4.4	..	0.7	02	3.4	4.2	..	3.6	22	1	..	7.0	4.9	..	0	2	0	1	1	4	0	0	0	0
DHALDHUNGA	14.6	..	18.2	21	4.7	..	1.3	03	1.4	9.4	..	8.0	21	1	..	5.9	4.9	..	0	2	0	0	0	0	0	0	0	0
CHAINPUR	18.8	..	23.0	27	9.0	..	5.1	03	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	..	..	..	..	..	.	..	.
BARAHAKSHETRA	24.0	..	29.0	28	11.3	..	8.3	03	1.0	4.1	..	3.1	21	1	..	6.9	3.5	..	0	1	0	0	1	0	0	0	0	0
TISTA CATCHMENT																												
GANGTOK	13.4	..	19.6	27	4.1	..	1.9	05	3.7	21.7	..	8.0	05	1	..	2.7	1.7	..	0	10	0	1	0	6	0	0	0	0
GEZING	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.

TABLE III – SUMMARY OF OBSERVATIONS AT FIXED HOURS – FEBRUARY ,1968(MAGHA 12 – PHALGUN 10,1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or M. in gpm. of standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BAY ISLANDS																											
MAYA BANDAR	0830	28	(R)																								
	1730	28	(R)																								
LONG ISLAND	0830	25	1014.7	1011.7	+0.9	26.6	22.5	20.3	23.8	69	-11	2.8	-0.4	2.2	0	0	27	00	23	0	1	0	0	0	3	2	0
	1730	25	1012.1	1009.2	+1.4	26.5	22.1	19.7	22.9	67	- 9	3.4	+0.1	1.7	0	0	22	00	22	0	0	0	0	0	0	7	0
PORT BLAIR	0530	79	1012.4	1003.4	..	22.3	21.1	20.5	24.1	89	..	2.5	..	4.5	0	0	18	01	10	1	0	0	3	1	2	11	0
	0830	79	1014.5	1005.6	+1.1	27.8	23.1	20.7	24.4	66	- 5	2.3	-1.1	12.1	0	3	26	10	18	1	0	0	0	0	0	0	0
	1130	79	1013.1	1004.3	..	30.0	23.8	20.7	24.4	58	..	2.2	..	14.3	0	3	26	05	21	2	0	0	0	0	1	0	0
	1430	79	1010.8	1002.0	..	29.7	23.8	20.9	24.7	59	..	2.2	..	14.0	0	2	27	01	23	5	0	0	0	0	0	0	0
	1730	79	1011.5	1002.6	+1.1	26.3	22.5	20.5	24.1	71	- 5	2.4	-1.5	9.4	0	0	27	02	22	2	0	0	0	0	1	2	0
	2030	79	1013.5	1004.5	..	24.8	22.2	20.8	24.6	78	..	1.2	..	7.7	0	0	26	05	18	1	0	0	0	1	1	3	0
	2330	79	1013.1	1004.1	..	24.0	21.9	20.8	24.6	83	..	2.3	..	7.7	0	0	24	03	16	1	0	0	0	2	2	5	0
CAR NICOBAR	0830	10	1013.6	1012.4	+0.9	28.2	23.3	20.9	24.7	64	- 8	3.7	-0.1	4.7	0	0	27	01	23	3	0	0	0	0	0	2	0
	1730	10	1010.7	1009.5	+0.8	27.0	23.3	21.5	25.6	72	- 6	3.5	-0.6	2.7	0	0	22	00	22	0	0	0	0	0	0	7	0
NAN COWRY	0830	26	1013.2	1010.3	+0.9	28.3	24.6	22.9	27.9	73	- 4	3.4	-1.5	0.7	0	0	6	00	2	1	1	2	0	0	0	23	0
	1730	26	1010.6	1007.7	+1.2	27.4	24.2	22.7	27.6	75	- 4	4.1	-0.7	0.2	0	0	2	00	0	1	0	1	0	0	0	27	0
KONDUL	0830	8	1013.5	1012.7	+1.4	27.6	24.3	22.7	27.6	76	- 4	3.6	-1.4	7.5	0	0	24	00	13	11	0	0	0	0	0	5	0
	1730	8	1010.9	1010.0	+1.7	27.5	24.4	22.9	27.9	76	- 7	3.8	-1.2	7.5	0	0	28	04	9	15	0	0	0	0	0	1	0
NORTH ASSAM(INCLUDING NEFA)																											
PASIGHAT	0830	157	1016.1	997.7	+0.5	15.4	12.6	10.1	12.3	71	+ 0	5.9	+0.5	19.4	0	15	14	00	0	0	2	0	1	0	26	0	0
	1730	157	1012.7	994.3	+0.4	16.5	13.8	11.5	13.6	72	- 3	6.1	+0.5	13.1	0	9	15	00	2	0	0	1	1	0	20	5	0
DIBRUGARH(MOHANBARI)	0230	111	1013.8	1000.6	..	13.0	12.1	11.3	13.4	91	..	5.7	..	4.1	0	0	15	02	11	1	0	0	0	1	0	14	0
	0530	111	1014.2	1001.0	..	12.0	11.4	10.9	13.0	92	..	5.9	..	3.7	0	0	17	02	11	2	0	2	0	0	0	12	0
	0830	111	1016.3	1003.2	+0.7	15.4	13.5	11.9	13.9	80	+ 1	4.9	+0.3	5.2	0	0	23	02	10	9	0	2	0	0	0	6	0
	1130	111	1014.8	1001.9	..	19.7	15.0	11.1	13.2	59	..	4.8	..	7.9	0	0	28	05	16	3	1	2	0	1	0	1	0
	1430	111	1011.8	999.1	..	21.2	15.1	9.9	12.2	51	..	5.0	..	8.1	0	0	25	02	14	4	2	0	0	1	2	4	0
	1730	111	1012.5	999.5	+0.9	17.6	14.4	11.9	13.9	69	- 3	5.4	+0.7	4.8	0	0	17	03	11	2	0	0	0	0	1	12	0
	2030	111	1014.3	1001.2	..	14.4	13.0	11.8	13.8	84	..	5.2	..	4.9	0	2	13	02	11	2	0	0	0	0	0	14	0
	2330	111	1014.7	1001.5	..	13.7	12.5	11.5	13.6	87	..	5.8	..	5.7	0	1	17	01	13	3	0	0	0	1	0	11	0
DIGBOI	0830	152	1016.7	997.5	-0.7	15.4	13.9	12.7	14.7	84	- 1	3.9	-1.0	1.9	0	0	28	05	6	4	2	3	4	1	3	1	0
	1730	152	1012.9	995.1	+1.0	17.8	15.4	13.6	15.6	76	+11	.	..	1.3	0	0	15	01	6	2	2	0	2	2	0	14	0
NORTH LAKHIMPUR	0830	102	1016.2	1004.1	+0.9	16.2	14.1	12.4	14.4	79	+ 0	4.9	+0.7	5.5	0	1	22	05	12	3	0	2	0	0	1	6	0
	1130	102	1015.0	1003.1	..	20.3	15.6	11.9	13.9	60	..	4.7	..	8.9	0	0	29	05	11	8	2	2	1	0	0	0	0
	1430	102	1012.1	1000.4	..	21.2	15.7	11.4	13.5	55	..	4.7	..	8.6	0	0	27	06	12	3	2	2	1	1	0	2	0
	1730	102	1012.5	1000.6	+1.0	17.5	15.1	13.3	15.3	76	- 4	5.4	+0.7	4.2	0	0	18	10	7	0	0	0	0	1	0	11	0
	2030	102	1014.9	1002.2	..	14.8	13.7	12.8	14.8	88	..	4.9	..	3.2	0	0	13	05	3	1	0	0	1	0	3	16	0
SIBSAGAR	0830	97	(R)																								
	1730	97	(R)																								
GOHPUR	0830	83	1015.4	1005.7	..	17.2	16.8	16.5	18.8	96	+13	3.0	..	0.0	0	0	0	00	0	0	0	0	0	0	0	29	0
	1730	83	1011.6	1002.0	..	18.5	17.9	17.5	20.0	95	+22	3.1	..	0.0	0	0	0	00	0	0	0	0	0	0	0	29	0
MAJBAT	0830		..	..	..	17.1	14.8	13.0	15.0	77	..	1.4	-2.1	2.4	0	0	15	00	11	0	2	0	2	0	0	14	0
	1730		..	..	..	20.9	16.6	13.5	15.5	67	..	1.1	-2.2	1.5	0	0	9	00	4	0	3	0	1	0	1	20	0
JORHAT AERODROME	0530	90	1013.7	1003.1	..	11.9	11.5	11.1	13.2	95	..	5.0	..	1.0	0	0	4	01	3	0	0	0	0	0	0	25	0
	0830	90	1015.7	1005.2	..	16.4	14.3	12.6	14.6	78	..	4.1	..	3.4	0	0	13	00	8	2	1	0	0	1	1	16	0
	1130	90	1016.1	1003.8	..	21.2	16.3	12.6	14.6	59	..	3.8	..	9.7	0	4	21	03	17	1	0	0	0	2	2	4	0
	1730	90	1011.6	1001.2	..	18.7	15.2	12.5	14.5	69	..	4.3	..	5.3	0	0	15	02	8	1	0	0	2	1	1	14	0
	2330	90	1014.0	1003.3	..	13.7	12.9	12.2	14.2	91	..	4.4	..	4.6	0	0	13	01	11	0	0	0	0	0	1	16	0
TANGLA	0830	78	1016.2	1007.0	+1.0	17.7	14.4	11.7	13.7	68	- 4	1.5	-0.6	1.7	0	0	21	00	0	17	2	2	0	0	0	8	0
	1730	78	1011.7	1002.6	+0.4	21.6	16.4	12.5	14.5	56	-11	1.5	-0.6	0.5	0	0	6	00	0	3	0	0	2	1	0	23	0
TEZPUR	0830	79	1016.1	1006.8	+0.0	16.8	13.7	11.1	13.2	69	- 8	3.6	+0.6	2.9	0	0	22	01	20	0	0	0	1	0	0	7	0
	1730	79	1011.2	1002.2	-0.2	21.8	15.4	10.1	12.3	48	-15	2.9	+0.3	2.9	0	0	15	01	6	0	0	0	6	0	2	14	0
GOLAGHAT	0830	95	1016.2	1005.0	+1.1	15.6	13.6	11.9	13.9	79	- 1	2.7	-1.0	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	95	1010.8	999.9	+0.1	23.2	16.0	10.1	12.3	44	-20	3.2	-0.4	..	.	..	..	..	..	..	..	..	..	..	..	..	..
RANGIA	0830	60	1016.8	1009.9	..	18.3	15.1	12.6	14.6	70	- 5	1.1	..	7.3	0	1	23	01	2	17	2	0	0	2	0	5	0
	1730	60	1012.7	1005.7	..	21.6	16.7	13.1	15.1	59	- 3	1.3	..	1.1	0	0	4	00	0	1	0	0	1	2	0	24	0
CHAPARMUKH	0830	66	1016.4	1008.6	+0.3	17.8	14.1	11.0	13.1	64	- 7	1.5	-0.7	3.9	0	0	23	00	2	7	11	2	1	0	0	4	0
	1730	64	1012.3	1004.6	+1.0	21.3	15.5	10.7	12.9	51	-10	2.0	-1.0	1.8	0	0	11	02	2	0	2	0	0	1	4	13	0
GOALPARA	0830	38	1013.9	1009.4	-0.1	15.0	12.5	10.3	12.5	73	- 3	0.7	-1.2	1.3	0	0	18	01	9	2	0	2	2	2	0	11	0
	1730	38	1011.1	1006.7	+0.6	23.2	15.8	9.6	11.9	43	-10	1.1	-0.3	1.8	0	0	21	04	1	1	0	0	1	13	1	8	0
GAUHATI(BHORJOR)	0230	54	1012.8	1006.3	..	11.6	10.7	9.8	12.1	89	..	1.4	..	2.4	0	0	10	00	1	0	1	5	3	0	0	19	0
	0530	54	1013.2	1006.7	..	10.1	9.5	8.9	11.4	89	..	1.4	..	1.7	0	0	8	00	1	0	3	1	3	0	0	21	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY , 1968 (MAGHA 12 - PHALGUN 10, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lst. in gpm. of mean standard isobaric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
NORTH ASSAM (INCLUDING NEFA) (CONTD MANIPUR AND TRIPURA)																											
GAUHATI (BHORJOR)	0830	54	1015.4	1009.0	+0.3	17.0	13.6	10.7	12.9	67	- 6	1.9	+0.1	3.0	0	0	13	00	5	2	0	1	1	2	2	16	0
	1130	54	1013.9	1007.6	..	23.1	15.5	8.9	11.4	41	..	2.3	..	10.2	0	3	24	09	5	3	0	1	0	3	6	2	0
	1430	54	1010.6	1004.4	..	24.8	15.5	7.1	10.1	33	..	2.1	..	10.3	0	5	20	05	4	2	0	0	1	9	4	4	0
	1730	54	1011.0	1004.8	+0.2	21.4	15.0	9.5	11.9	48	-10	3.1	+0.3	3.0	0	0	13	02	1	0	1	0	1	3	5	16	0
	2030	54	1013.4	1007.0	..	15.5	13.4	11.6	13.7	78	..	1.8	..	5.0	0	0	18	01	1	1	1	9	4	0	1	11	0
	2330	54	1013.8	1007.3	..	13.4	11.9	10.5	12.7	82	..	1.6	..	5.6	0	0	16	00	1	1	0	7	6	0	1	13	0
DHUBRI (RUPSI)	0530	45	1013.4	1007.9	..	9.3	8.8	8.3	10.9	93	..	1.1	..	1.1	0	0	6	00	4	1	0	0	0	1	0	23	0
	0830	45	1015.0	1009.7	+0.7	16.6	13.3	10.4	12.6	67	- 5	1.2	-0.7	5.5	0	0	21	00	6	8	1	1	3	1	1	8	0
	1130	45	1014.1	1008.9	..	23.0	15.6	9.3	11.7	43	..	1.7	..	7.5	0	0	25	00	4	5	4	2	7	2	1	4	0
	1730	45	1010.9	1005.7	+0.5	20.6	15.4	11.2	13.3	56	-11	1.0	-0.6	2.4	0	0	12	01	0	0	0	0	2	1	8	17	0
DHUBRI	0830	35	1015.4	1011.2	+0.1	16.3	13.6	11.3	13.4	72	- 4	0.7	-1.2	4.1	0	0	18	00	9	3	0	0	6	0	0	11	0
	1730	35	1011.7	1007.7	+0.5	21.8	15.3	9.9	12.2	47	- 8	0.4	-1.5	0.7	0	0	7	00	0	0	0	1	5	0	1	22	0
LUMDING	0830	149	1016.5	998.8	..	12.6	10.9	9.3	11.7	80	+ 4	1.4	..	0.3	0	0	3	00	0	3	0	0	0	0	0	26	0
	1730	149	1011.7	994.7	..	22.9	17.2	13.0	15.0	55	..	3.8	..	1.4	0	0	10	03	0	4	1	1	1	0	0	19	0
SOUTH ASSAM (INCLUDING NAGALAND)																											
TURA	0830	370	1015.8	972.9	+0.1	16.1	13.7	11.7	13.7	74	+ 4	2.1	+0.1	2.5	0	0	20	01	1	8	5	3	1	1	0	9	0
	1730	370	1011.4	969.6	+0.2	22.5	19.2	17.1	19.5	73	+11	3.2	+1.1	4.9	0	0	27	01	0	0	0	10	13	3	0	1	0
HAFLONG	0830	682	1015.6	938.2	+1.1	15.9	12.0	8.6	11.2	60	- 4	1.7	-0.6	2.8	0	0	29	00	0	0	0	1	28	0	0	0	0
	1730	682	1010.5	934.2	+0.4	18.6	13.0	8.3	10.9	51	- 5	2.8	+0.1	3.5	0	0	29	00	0	0	0	4	25	0	0	0	0
SILCHAR (KUMBHIRGRAM)	0530	97	1012.5	1001.0	..	13.1	11.2	9.4	11.8	78	..	1.9	..	9.9	0	0	28	00	4	24	0	0	0	0	0	1	0
	0830	97	1014.5	1003.2	+0.3	16.9	13.4	10.3	12.5	65	- 8	2.3	-0.2	11.6	0	0	29	00	2	25	1	0	1	0	0	0	0
	1130	97	1013.0	1001.9	..	23.1	15.6	9.2	11.6	42	..	2.6	..	10.0	0	1	28	00	0	7	4	5	7	2	0	0	4
	1730	97	1010.2	999.1	+0.2	22.0	15.5	10.1	12.3	47	- 8	1.8	-0.3	3.2	0	0	14	02	1	1	2	2	4	1	1	15	0
SILCHAR	0830	29	1016.0	1012.5	+0.3	17.2	14.3	11.9	13.9	71	- 6	2.4	+0.1	1.5	0	0	21	00	8	6	4	2	1	0	0	8	0
	1730	29	1011.4	1008.0	-0.1	22.9	16.4	11.3	13.4	48	- 8	2.1	+0.2	0.8	0	0	12	00	2	1	1	0	4	3	1	17	0
IMPHAL (TULIHAL)	0530	781	1016.9	926.2	..	7.7	6.7	5.6	9.1	88	..	2.5	..	1.9	0	0	6	00	1	1	1	1	0	1	1	23	0
	0830	781	1016.8	927.9	-0.4	13.9	10.4	7.1	10.1	64	- 6	2.3	-0.2	2.1	0	0	6	00	0	3	0	0	1	0	2	23	0
	1130	781	1013.4	926.5	..	19.4	12.5	6.3	9.5	42	..	3.1	..	10.1	0	3	20	01	0	1	5	3	3	6	4	6	0
	1430	781	1010.3	923.9	..	20.9	12.5	4.5	8.4	35	..	2.9	..	13.8	0	6	20	00	0	0	1	0	2	9	14	3	0
	1730	781	1011.9	924.4	+1.6	17.1	11.4	6.0	9.3	48	- 4	2.8	+0.3	9.2	0	2	23	02	0	0	0	0	2	4	17	4	0
	2030	781	1014.9	926.2	..	13.7	10.5	7.5	10.4	67	..	3.0	..	2.6	0	0	9	01	0	0	0	0	1	1	6	20	0
	2330	781	1015.8	926.4	..	11.6	9.4	7.3	10.2	74	..	2.7	..	2.5	0	0	6	01	0	0	0	0	0	1	4	23	0
KAILASHAHAR	0530	29	1014.4	1010.9	..	11.8	11.4	11.0	13.1	96	..	2.1	..	0.5	0	0	5	00	1	1	0	1	2	0	0	24	0
	0830	29	1016.3	1012.9	+0.8	18.2	15.5	13.5	15.5	74	- 1	2.2	-0.1	3.2	0	0	22	01	2	1	0	9	9	0	0	7	0
	1130	29	1014.9	1011.6	..	25.2	17.6	11.9	13.9	44	..	2.6	..	5.5	0	0	29	03	1	0	2	7	6	8	2	0	0
	1730	29	1012.1	1008.7	+0.4	22.8	16.9	12.5	14.5	52	- 3	1.9	-0.1	1.2	0	0	11	02	2	1	0	0	1	1	4	18	0
AGARTALA	0230	16	1012.1	1010.2	..	14.2	13.0	12.0	14.0	86	..	1.7	..	4.1	0	0	16	00	0	2	6	5	1	1	1	13	0
	0530	16	1012.5	1010.6	..	13.7	12.8	12.0	14.0	90	..	2.2	..	3.8	0	0	18	00	0	2	5	7	2	1	1	11	0
	0830	16	1014.7	1012.8	+0.6	19.8	16.2	13.5	15.5	67	- 3	2.9	+0.6	4.5	0	0	17	01	0	0	4	8	2	2	0	12	0
	1130	16	1013.7	1011.9	..	25.5	17.3	10.5	12.7	41	..	2.4	..	7.6	0	0	29	04	0	0	0	4	4	12	5	0	0
	1430	16	1010.9	1009.1	..	27.2	17.1	8.8	11.3	32	..	2.4	..	10.8	0	5	24	02	0	0	0	0	1	3	15	8	0
	1730	16	1010.9	1009.1	+0.5	23.8	16.6	10.9	13.0	44	- 5	1.8	-0.2	7.4	0	1	25	05	0	0	1	2	2	15	1	3	0
	2030	16	1012.7	1010.9	..	18.3	14.6	11.6	13.6	64	..	1.2	..	1.4	0	0	6	00	0	1	1	2	0	2	0	23	0
	2330	16	1013.1	1011.2	..	15.8	13.7	12.0	14.0	78	..	1.5	..	4.8	0	0	22	01	4	4	8	4	0	1	0	7	0
SUB-HIMALAYAN WEST BENGAL																											
BAGHDOGRA	0230	131	1013.1	997.4	..	11.4	10.4	9.4	11.8	88	..	0.9	..	2.0	0	0	6	03	1	0	0	0	0	2	0	23	0
	0530	131	1013.2	997.4	..	9.5	8.9	8.3	10.9	93	..	1.4	..	2.6	0	0	8	02	5	0	0	0	0	1	0	21	0
	0830	131	1015.3	999.9	+1.0	16.4	13.7	11.5	13.6	73	+ 2	2.3	+0.5	4.6	0	0	14	00	5	7	1	0	1	0	0	15	0
	1130	131	1014.5	999.4	..	23.3	16.3	10.7	12.9	46	..	2.5	..	15.2	0	4	25	00	1	17	6	1	2	2	0	0	0
	1430	131	1011.0	996.1	..	25.0	17.3	11.5	13.6	43	..	3.0	..	14.0	0	3	24	00	1	5	7	2	4	7	1	2	0
	1730	131	1011.1	995.9	+0.6	20.9	16.6	13.5	15.5	63	+ 6	2.9	+0.0	8.3	0	1	23	00	5	0	3	1	9	5	1	5	0
	2030	131	1013.4	997.9	..	16.3	14.3	12.7	14.7	79	..	2.0	..	6.5	0	0	17	03	3	0	0	0	3	6	2	12	0
	2330	131	1014.1	998.5	..	13.4	12.2	11.1	13.2	86	..	1.1	..	3.8	0	0	13	05	1	0	0	0	2	2	3	16	0
JALPAIGURI	0830	83	1015.4	1005.6	+0.4	14.9	12.9	11.2	13.3	79	- 3	1.2	-0.7	2.7	0	0	28	07	9	2	1	1	2	4	2	1	0
	1730	83	1010.8	1001.2	-0.2	22.1	15.6	10.2	12.4	48	- 2	1.1	-1.0	1.3	0	0	12	03	0	3	0	0	3	3	0	17	0
COOCH BEHAR AERODROME	0830	43	1015.5	1010.4	+1.2	16.2	13.0	10.2	12.4	68	- 2	1.4	-0.1	7.6	0	2	21	00	1	13	2	1	4	2	0	6	0
	1130	43	1014.5	1009.6	..	22.4	15.3	9.3	11.7	44	..	1.7	..	9.4	0	0	27	01	0	8	9	3	4	2	0	2	0
	1730	43	1011.4	1006.5	+1.3	20.8	15.1	10.3	12.5	52	- 5	2.0	+0.6	0.9	0	0	5	01	0	0	0	0	2	2	0	24	0
BALURGHAT	0830	26	..	..	..	17.1	13.2	9.5	11.9	61	..	1.0	..	2.2	0	0	18	03	0	2	0	0	9	2	2	11	0
	1730	26	..	..	..	22.2	16.1	11.3	13.4	51	..	0.5	..	0.8	0	0	8	00	0	0	0	0	0	5	3	21	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY, 1968 (MAGHA 12 - PHALGUN 10, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gen. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry bulb	Mean temperature in °C Wet bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SUB HIMALAYAN WEST BENGAL (CONTD.)																											
MALDA	0830	31	1015.5	1011.8	+0.5	18.7	13.7	9.3	11.7	54	-11	1.2	-0.5	1.5	0	0	16	02	0	0	1	0	4	6	3	13	0
	1730	31	1011.3	1007.7	+0.1	24.5	15.7	8.0	10.7	35	-10	0.9	-0.7	2.2	0	0	25	03	0	0	0	0	0	8	14	4	0
GANGETIC WEST BENGAL																											
BERHAMPORE	0830	19	1015.5	1013.3	+0.7	19.2	14.2	9.9	12.2	55	-12	0.9	-1.0	2.6	0	0	23	02	0	2	1	11	2	5	0	6	0
	1730	19	1011.6	1009.5	+0.8	24.3	16.7	10.7	12.9	43	- 1	0.8	-1.1	0.8	0	0	7	00	0	0	0	3	1	3	0	22	0
SURI	0830		..	..	..	21.2	13.9	6.9	9.9	40	-14	0.9	-0.8	4.1	0	0	29	04	0	6	0	5	1	12	1	0	0
ASANSOL	0230	126	1013.4	998.5	..	13.9	11.4	9.0	11.5	72	..	0.8	..	0.5	0	0	4	01	0	0	0	0	1	0	2	25	0
	0530	126	1013.7	998.7	..	12.7	10.8	8.9	11.4	78	..	1.4	..	1.2	0	0	7	00	0	1	0	0	0	3	3	22	0
	0830	126	1015.8	1001.1	+0.9	19.5	14.0	9.1	11.5	52	-10	1.8	+0.0	4.3	0	0	23	03	2	0	0	0	1	7	10	6	0
	1130	126	1014.7	1000.4	..	25.9	16.2	7.8	10.6	32	..	1.6	..	5.9	0	0	26	07	3	0	1	0	0	4	11	3	0
	1430	126	1011.6	997.4	..	29.7	17.1	8.1	10.8	28	..	1.9	..	7.5	0	0	28	03	1	0	0	1	2	4	17	1	0
	1730	126	1011.3	996.9	+0.6	25.1	16.5	9.5	11.9	38	- 1	1.8	-0.1	3.4	0	0	18	03	0	0	0	2	0	1	12	11	0
	2030	126	1013.6	998.9	..	18.7	14.1	10.1	12.3	58	..	0.7	..	2.6	0	0	15	05	0	0	0	3	0	1	6	14	0
	2330	126	1014.3	999.5	..	16.1	12.6	9.4	11.8	65	..	1.1	..	1.4	0	0	9	04	0	0	0	1	0	1	3	20	0
SHANTI NIKETAN	0830	59	1015.9	1009.0	..	19.8	13.9	8.5	11.1	49	..	1.6	..	3.2	0	0	20	01	4	1	0	2	0	6	6	9	0
	1130	59	1015.1	1008.2	..	25.0	15.3	6.3	9.5	30	..	1.3	..	5.6	0	1	26	05	2	0	0	0	4	7	9	2	0
	1730	59	1011.7	1005.0	..	24.6	15.8	8.2	10.9	35	..	1.4	..	2.8	0	0	19	03	3	0	0	1	3	4	5	10	0
KRISHNANAGAR	0830	15	1015.3	1013.6	+0.4	21.0	15.0	9.9	12.2	50	-19	0.6	-1.4	0.8	0	0	3	00	0	1	1	0	0	1	0	26	0
	1730	15	1013.0	1011.3	+1.8	25.6	17.3	10.9	13.0	39	-10	1.1	-0.7	0.0	0	0	0	..	..	..	..	..	..	..	..	..	..
PURULIA	0830	255	1016.2	986.7	+0.6	18.1	13.5	9.3	11.7	56	+ 8	2.0	+0.8	3.9	0	0	24	03	1	0	0	0	5	5	10	5	0
	1730	255	1011.3	982.6	+0.9	25.7	17.1	10.3	12.5	38	+ 3	2.2	+0.5	2.9	0	0	22	06	1	1	1	0	2	3	8	7	0
BANKURA	0830	100	1015.5	1003.8	..	18.6	13.7	9.3	11.7	55	..	0.8	..	1.2	0	0	16	03	2	1	0	0	2	4	4	13	0
	1730	100	1011.4	1000.1	..	26.2	16.9	9.3	11.7	35	..	0.6	..	0.0	0	0	0	00	0	0	0	0	0	0	0	29	0
BURDWAN	0830	32	1015.9	1012.2	+1.0	22.3	16.3	11.7	13.7	52	-13	0.7	-1.2	3.2	0	0	25	04	6	2	1	1	2	5	4	4	0
	1730	32	1011.5	1007.9	+0.4	26.1	18.6	13.4	15.4	46	+ 2	0.8	-0.9	2.6	0	0	25	08	2	1	0	1	2	9	2	4	0
CALCUTTA (DUM DUM)	0230	6	1012.6	1011.9	..	16.8	15.5	14.5	16.5	86	..	1.7	..	1.7	0	0	7	00	1	0	0	0	4	0	2	22	0
	0530	6	1012.9	1012.2	..	15.9	14.7	13.8	15.8	87	..	1.9	..	1.6	0	0	12	03	5	0	0	0	2	0	2	17	0
	0830	6	1015.3	1014.6	+0.5	20.3	16.2	13.1	15.1	64	- 8	1.6	-0.7	3.7	0	0	22	04	4	7	2	0	2	1	2	7	0
	1130	6	1014.5	1013.8	..	25.8	17.6	11.4	13.5	41	..	1.7	..	6.7	0	0	29	06	3	3	1	2	5	3	6	0	0
	1430	6	1011.5	1010.8	..	27.5	18.4	11.5	13.6	37	..	1.9	..	5.4	0	0	27	03	4	0	1	3	4	6	6	2	0
	1730	6	1011.3	1010.6	+0.1	25.9	18.6	13.5	15.5	46	- 3	2.2	+0.2	1.8	0	0	14	02	0	0	0	1	3	3	5	15	0
	2030	6	1013.2	1012.5	..	20.3	17.3	15.3	17.4	73	..	0.9	..	2.5	0	0	12	00	1	1	0	7	3	0	0	17	0
	2330	6	1013.5	1012.8	..	18.1	16.4	15.2	17.3	82	..	0.9	..	2.7	0	0	16	01	0	1	1	5	7	0	1	13	0
CALCUTTA	0830	6	1015.3	1014.6	+0.5	22.4	17.2	13.4	15.4	57	-18	1.5	-0.6	4.5	0	0	21	03	5	3	0	2	2	2	4	8	0
	1130	6	1014.4	1013.7	..	26.7	18.0	11.5	13.7	39	..	1.7	..	7.2	0	0	28	04	2	6	1	2	2	5	6	1	0
	1730	6	1011.3	1010.6	+0.3	25.8	18.1	12.5	14.5	44	- 4	1.9	+0.2	3.3	0	0	21	01	0	0	1	4	3	5	7	8	0
MIDNAPORE	0830	45	1015.6	1010.3	+0.6	21.3	15.8	11.4	13.5	54	- 9	1.2	-0.6	2.6	0	0	24	09	12	0	0	2	1	0	0	5	0
	1730	45	1011.0	1005.9	+0.2	27.8	18.5	11.7	13.7	37	- 4	1.3	-0.5	1.7	0	0	22	07	10	0	0	0	2	0	3	7	0
CONTAI	0830	11	1015.2	1013.9	+1.1	21.7	18.2	15.9	18.1	70	+ 2	2.5	+1.2	5.2	0	0	25	15	2	0	2	1	2	2	1	4	0
	1730	11	1011.8	1010.6	+1.2	23.8	19.9	17.5	20.0	69	+ 5	1.4	+0.1	7.2	0	1	22	00	1	1	5	16	0	0	0	6	0
SAGAR ISLAND	0830	3	1014.7	1014.3	+0.2	22.3	19.2	17.3	19.7	74	+ 1	3.1	+0.9	15.2	0	9	20	09	5	1	2	5	3	0	4	0	0
	1730	3	1011.5	1011.1	+0.2	24.1	20.2	17.9	20.5	69	+ 2	2.6	+0.6	11.7	0	3	24	03	1	0	9	11	2	0	1	2	0
SANDHEADS	0530	10	1012.7	1011.6	..	23.5	21.1	19.8	23.1	79	..	3.0	..	13.7	0	8	16	04	2	0	0	0	14	4	0	5	0
	0830	10	1015.1	1014.0	+0.4	24.2	21.1	19.3	22.4	75	+ 3	2.4	+0.6	16.5	0	9	17	05	5	2	0	2	7	1	4	3	0
	1130	10	1015.0	1013.9	..	25.0	21.0	18.7	21.6	68	..	2.4	..	15.4	0	8	18	06	7	1	0	0	7	2	3	3	0
	1730	10	1012.3	1011.2	+0.4	24.4	20.7	18.6	21.4	70	+ 1	2.2	+0.7	11.9	0	3	23	03	3	4	1	5	8	1	1	3	0
	2330	10	1013.6	1012.5	..	23.8	21.3	19.9	23.2	79	..	0.2	..	14.3	0	6	19	00	0	1	3	4	13	3	1	4	0
ORISSA																											
BARIPADA	0830	54	1016.4	1010.1	+0.7	20.3	15.7	12.1	14.2	60	- 1	1.1	-0.1	3.0	0	0	26	12	9	0	0	0	0	0	5	3	0
	1730	54	1012.4	1006.3	+1.1	26.0	19.5	15.3	17.4	53	+11	1.8	+0.5	1.7	0	0	16	02	0	2	5	4	2	1	0	13	0
JHARSUGUDA	0230	230	1013.0	986.1	..	16.9	14.7	13.0	15.0	77	..	1.0	..	3.7	0	0	22	05	13	0	2	1	0	1	0	7	0
	0530	230	1013.3	986.4	..	15.5	13.8	12.2	14.2	82	..	1.4	..	4.8	0	1	22	05	13	4	0	1	0	0	0	6	0
	0830	230	1015.5	988.9	+0.8	19.1	15.1	11.9	13.9	63	+ 8	1.6	+0.5	5.8	0	0	25	04	15	3	1	1	1	0	0	4	0
	1130	230	1014.7	988.5	..	24.9	17.1	11.1	13.2	43	..	1.8	..	7.9	0	0	29	06	8	1	4	3	1	3	3	0	0
	1430	230	1011.3	985.5	..	28.1	18.0	10.2	12.4	33	..	1.8	..	6.8	0	0	27	04	2	0	1	2	5	9	4	2	0
	1730	230	1010.7	984.8	+0.6	27.2	17.9	10.9	13.0	37	+ 5	1.6	+0.2	5.7	0	0	24	01	1	2	0	5	6	4	5	5	0
	2030	230	1013.2	986.8	..	21.9	16.9	13.3	15.3	58	..	1.4	..	3.9	0	1	22	01	1	2	5	6	2	1	5	6	0
	2330	230	1013.8	987.2	..	19.4	16.2	13.8	15.8	70	..	1.0	..	3.4	0	0	19	04	6	4	3	1	0	0	1	10	0
KEONJHARGARH	0830	463	1017.3	964.7	+1.7	19.1	15.1	12.3	14.3	65	+ 6	0.9	-0.5	1.8	0	0	26	00	0	1	0	0	0	20	0	3	5
	1730	463	1011.1	959.8	+0.4	25.7	19.1	15.2	17.3	53	+10	1.4	-0.3	1.9	0	0	27	02	0	1	0	2	0	22	0	2	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — FEBRUARY ,1968(MAGHA 12 - PHALGUN 10,1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry Bulb	Mean temperature in °C: Wet Bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.): 62 or more	Wind Speed: 20 to 61	Wind Speed: 1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
ORISSA(CONTD)																											
BALASORE	0830	20	1015.5	1013.2	+0.7	21.4	16.6	13.0	15.0	59	- 6	2.1	-0.1	7.6	0	0	27	19	5	0	1	0	2	0	0	2	0
	1730	20	1011.8	1009.6	+0.9	23.7	19.3	16.5	18.8	65	+ 5	2.0	-0.5	7.5	0	0	27	01	0	0	9	17	0	0	0	2	0
SAMBALPUR	0830	148	1015.2	998.1	+0.3	21.1	16.7	13.5	15.5	62	- 4	1.8	+0.1	0.8	0	0	8	05	2	0	0	0	0	0	1	21	0
	1730	148	1012.4	995.5	+1.7	24.9	18.0	13.1	15.1	48	+10	1.5	-0.3	0.4	0	0	6	03	0	2	0	1	0	0	0	23	0
ANGUL	0830	139	1015.8	999.8	+0.9	21.4	17.8	15.4	17.5	69	+ 1	1.9	-0.5	1.9	0	0	18	05	2	4	0	0	0	7	0	11	0
	1730	139	1011.7	996.1	+1.2	28.9	22.3	18.7	21.6	56	+22	2.5	+0.4	2.3	0	0	22	03	0	6	0	4	0	9	0	7	0
CHANDBALI	0830	6	1015.8	1015.1	+0.9	23.1	18.7	15.9	18.1	65	-11	2.5	+0.6	4.6	0	0	26	08	2	1	1	1	6	1	6	3	0
	1730	6	1011.8	1011.1	+0.3	24.9	20.1	17.2	19.5	61	+ 3	2.1	+0.6	8.4	0	1	28	01	4	7	13	1	3	0	0	0	0
BOLANGIR	0830	190	1015.4	993.6	+0.9	22.9	19.6	17.6	20.1	72	+ 8	1.4	-0.9	2.3	0	0	23	10	7	0	1	3	1	0	1	6	0
	1730	190	1010.5	989.2	-0.5	29.0	23.0	20.7	24.4	62	+18	1.5	-1.2	1.6	0	0	15	06	2	1	0	2	1	0	3	14	0
PHULBANI	0830	464	1015.3	962.8	..	19.7	16.4	14.3	16.3	71	..	0.6	..	0.1	0	0	1	00	0	0	0	0	0	1	0	28	0
	1730	464	1010.1	959.0	..	26.8	18.5	13.3	15.3	45	..	1.0	..	0.3	0	0	4	02	0	2	0	0	0	0	0	25	0
CUTTACK	0830	27	1015.5	1012.4	+0.7	22.4	19.5	17.7	20.2	75	- 1	1.1	-1.1	1.9	0	0	11	02	4	2	0	1	0	1	1	18	0
	1730	27	1011.9	1008.9	+1.2	29.3	21.6	17.1	19.5	49	+ 6	1.7	-0.4	4.3	0	0	21	00	1	7	3	3	5	1	1	8	0
TITLAGARH	0830	211	1014.9	990.8	+0.7	22.5	17.6	14.1	16.1	59	+ 1	2.5	+1.2	1.2	0	0	17	00	10	0	4	0	2	0	1	12	0
	1730	211	1009.5	986.0	+0.1	29.6	19.6	12.7	14.7	35	+ 1	2.3	+0.9	1.5	0	0	22	00	17	0	0	0	3	0	2	7	0
BHUBANESWAR	0230	46	1012.5	1007.2	..	20.7	19.5	18.8	21.7	89	..	1.8	..	6.9	0	0	24	02	2	2	0	5	10	3	0	5	0
	0530	46	1012.7	1007.3	..	19.8	18.7	18.1	20.8	89	..	1.8	..	4.4	0	0	18	04	1	0	0	4	3	3	3	11	0
	0830	46	1015.2	1009.9	+0.9	22.9	19.8	17.9	20.5	74	+ 6	2.2	+0.1	8.1	0	2	22	06	2	2	0	1	6	4	3	5	0
	1130	46	1014.5	1009.4	..	27.7	20.6	16.3	18.5	50	..	2.5	..	11.9	0	4	24	04	4	1	1	5	6	5	2	1	0
	1430	46	1011.4	1006.3	..	30.0	20.7	14.8	16.8	40	..	3.0	..	11.2	0	2	25	02	3	4	0	4	7	5	1	2	1
	1730	46	1011.4	1006.2	+0.8	26.9	20.9	17.3	19.7	57	+ 9	3.4	+1.4	15.0	0	8	21	02	2	3	2	11	8	0	1	0	0
	2030	46	1013.8	1008.5	..	23.2	20.5	18.9	21.8	77	..	1.7	..	9.7	0	1	25	02	0	4	0	8	11	1	0	3	0
	2330	46	1013.9	1008.6	..	21.9	20.3	19.4	22.5	85	..	1.8	..	7.9	0	1	25	00	4	2	3	5	9	3	0	3	0
PURI	0830	6	1015.1	1014.4	+0.4	24.5	23.3	22.7	25.2	90	+17	2.3	+0.4	12.1	0	6	16	08	0	0	0	0	14	0	0	3	0
	1730	6	1011.8	1011.1	+0.5	25.4	23.8	23.0	28.1	87	+15	1.8	-0.3	23.7	0	15	9	05	0	0	1	0	18	0	0	0	0
GOPALPUR	0530	17	1012.5	1010.5	..	21.4	20.1	19.3	22.4	88	..	1.3	..	6.5	0	0	22	08	0	0	0	1	4	3	6	7	0
	0830	17	1014.9	1012.9	+0.3	23.5	21.2	19.9	23.2	81	+ 9	1.7	-0.1	8.3	0	0	27	14	2	0	0	0	5	2	4	2	0
	1130	17	1014.9	1012.9	..	27.9	23.8	21.9	26.3	70	..	2.0	..	14.0	0	0	29	01	1	1	10	11	5	0	0	0	0
	1730	17	1011.6	1009.7	+0.5	26.2	23.9	22.9	27.9	82	+ 8	3.1	+1.1	19.9	0	4	25	00	0	0	5	12	12	0	0	0	0
	2330	17	1014.0	1012.0	..	24.3	22.3	21.3	25.3	84	..	2.7	..	17.8	0	15	13	03	0	0	0	7	18	0	0	1	0
KORAPUT	0830	913	1538.0	914.2	+0.7	20.2	15.9	13.0	15.0	64	+ 2	0.6	-0.7	6.0	0	0	29	00	0	0	29	0	0	0	0	0	0
	1730	913	1517.0	911.0	+0.4	24.5	16.5	10.8	12.9	43	+ 8	2.3	+0.3	11.4	0	0	29	06	0	0	1	0	0	22	0	0	0
BIHAR PLATEAU																											
DUMKA	0830	149	1015.5	998.2	+0.5	18.1	13.1	8.5	11.1	53	- 5	1.0	-0.5	2.3	0	0	11	02	0	0	3	1	3	2	0	18	0
	1730	149	1011.4	994.5	+0.5	24.0	15.8	8.8	11.3	38	- 4	0.5	-1.1	1.7	0	0	10	00	0	1	3	0	0	2	4	19	0
DALTONGANJ	0830	221	1016.4	990.6	+0.8	18.1	14.3	11.1	13.2	64	- 7	2.1	+0.2	0.2	0	0	1	00	0	0	0	0	0	0	1	28	0
	1730	221	1011.5	986.4	+0.6	24.0	16.5	10.5	12.7	43	+ 5	1.9	-0.2	2.5	0	0	18	00	3	0	0	0	1	0	14	11	0
HAZARIBAGH	0830	611	1015.5	945.8	+0.3	16.1	12.0	8.4	11.0	60	+ 5	1.4	-0.3	6.3	0	0	26	03	0	1	1	2	5	2	12	3	0
	1730	611	1011.3	943.0	+0.2	21.1	14.7	9.7	12.0	48	+ 8	1.7	-0.2	7.4	0	0	28	06	0	1	0	1	0	0	20	1	0
DHANBAD	0830	257	1015.4	985.7	+0.4	19.9	13.2	6.7	9.8	42	-12	0.9	-0.3	2.6	0	0	21	01	1	0	0	0	1	9	9	8	0
	1730	257	1010.8	981.8	..	25.4	15.5	6.4	9.6	30	..	1.0	..	2.5	0	0	27	02	2	0	1	0	3	2	17	2	0
RANCHI AERODROME	0530	652	1013.9	939.1	..	12.9	9.8	6.8	9.9	67	..	1.4	..	8.1	0	3	14	01	0	0	1	0	0	6	9	12	0
	0830	652	1015.2	941.2	+0.0	16.8	11.5	6.5	9.7	52	+ 1	1.5	-0.2	9.7	0	4	14	04	1	2	0	0	2	4	5	11	0
	1130	652	1013.7	941.0	..	21.8	13.4	5.9	9.3	37	..	1.3	..	16.6	0	8	19	01	1	1	2	3	3	6	10	2	0
	1430	652	1010.2	938.3	..	24.0	14.1	5.3	8.9	31	..	1.8	..	20.3	0	11	17	02	0	0	1	0	4	10	11	1	0
	1730	652	1010.2	938.0	-0.2	22.7	13.7	5.7	9.1	34	- 5	1.5	-0.4	14.8	0	4	24	02	1	0	1	1	1	4	18	1	0
	2030	652	1013.7	940.1	..	18.0	12.4	7.5	10.4	51	..	0.9	..	9.6	0	0	25	08	1	1	0	0	1	2	12	4	0
JAMSHEDPUR	0830	129	1015.3	1000.2	+0.0	18.2	14.3	11.0	13.1	63	- 4	1.3	-0.4	1.2	0	0	11	00	0	0	1	0	0	7	3	18	0
	1730	129	1011.1	996.5	+0.9	26.7	17.6	10.6	12.8	39	+ 5	1.1	-0.4	1.7	0	0	15	01	1	2	1	1	1	5	3	14	0
JAMSHEDPUR P.B.O	0530	142	1013.2	996.6	..	15.1	12.7	10.6	12.8	75	..	0.9	..	2.3	0	0	12	02	1	2	0	0	1	2	4	17	0
	0830	142	1015.6	999.1	+0.6	18.5	14.2	10.5	12.7	60	- 2	1.4	+0.0	4.2	0	0	19	03	0	2	0	0	1	4	9	10	0
	1130	142	1014.6	998.4	..	24.6	16.5	9.9	12.2	39	..	1.7	..	5.7	0	0	24	03	1	4	0	0	1	4	11	5	0
	1430	142	1011.1	995.1	..	27.3	17.4	9.5	11.9	33	..	2.1	..	5.7	0	0	22	03	0	1	0	5	7	3	3	7	0
	1730	142	1010.6	994.6	+0.4	26.5	17.4	10.3	12.5	37	+ 0	1.7	-0.3	2.9	0	0	15	03	1	1	0	0	1	4	5	14	0
	2030	142	1013.1	996.8	..	21.1	16.2	12.5	14.5	59	..	1.0	..	2.3	0	0	14	04	0	1	0	0	3	2	4	15	0
	2330	142	1013.8	997.3	..	18.6	14.9	11.9	13.9	66	..	0.5	..	2.3	0	0	9	01	0	3	0	0	1	0	4	20	0
CHAIBASA	0830	226	1015.5	989.3	+0.4	18.8	14.6	11.1	13.2	61	- 6	1.8	-0.3	1.5	0	0	15	00	3	0	1	0	10	0	1	14	0
	1730	226	1011.0	985.4	+0.5	25.7	17.0	10.1	12.3	37	- 4	2.0	-0.3	1.6	0	0	16	00	2	0	0	0	11	0	3	13	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – FEBRUARY 1968 (MAGHA 12 - PHALGUN 10, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lit. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry bulb	Mean temperature in °C Wet bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BIHAR PLAINS																											
MOTIHARI	0830	66	1015.5	1007.5	+0.9	15.1	13.0	11.2	13.3	78	+ 2	1.5	-0.5	2.6	0	0	18	01	1	3	0	1	1	8	3	7	0
	1730	66	1011.9	1004.3	+1.1	22.0	16.3	11.9	13.9	54	+ 0	0.5	-0.9	1.5	0	0	9	00	0	0	0	0	1	8	0	14	0
FORBESGANJ	0830	61	1015.0	1007.9	+0.6	15.0	12.6	10.5	12.7	75	- 2	1.4	+0.0	2.7	0	0	24	00	4	10	2	0	0	8	0	5	0
	1730	61	1011.0	1004.0	+0.4	21.8	15.9	11.2	13.3	53	+ 1	1.0	-0.4	2.5	0	0	24	01	0	0	0	0	0	24	0	5	0
DARBHANGA	0830	49	1015.1	1009.4	+0.3	18.7	14.1	10.1	12.3	58	-17	1.0	-0.9	1.4	0	0	14	00	2	0	1	0	3	5	3	15	0
	1730	49	1011.1	1005.5	-0.1	22.8	15.8	10.0	12.3	45	- 5	0.8	-0.9	1.1	0	0	13	01	0	0	0	0	1	11	0	16	0
MUZAFFARPUR	0830		..	..	..	15.0	12.3	9.8	12.1	72	..	0.9	..	2.8	0	0	22	01	0	3	0	2	4	12	0	7	0
	1730		..	..	..	21.3	15.4	10.5	12.7	51	..	0.7	..	0.5	0	0	3	00	0	0	0	0	0	3	0	26	0
CHAPRA	0830	58	1015.2	1008.4	..	14.5	11.9	9.5	11.9	72	..	1.2	..	1.9	0	0	23	00	0	1	2	0	17	1	2	6	0
	1730	58	1012.2	1005.7	..	23.1	16.8	12.0	14.0	49	..	0.6	..	2.3	0	0	23	00	4	0	1	0	17	1	0	6	0
PURNEA	0830	38	1015.3	1010.8	+0.4	16.1	12.6	9.4	11.8	65	- 7	1.0	-0.7	2.3	0	0	23	03	2	1	0	2	10	5	0	6	0
	1730	38	1011.6	1007.2	+0.6	21.9	15.4	10.0	12.3	47	- 3	0.7	-1.3	1.6	0	0	20	00	0	0	0	0	8	12	0	9	0
PATNA	0830	53	1015.3	1009.0	+0.3	15.6	12.2	9.0	11.5	65	+ 3	1.5	-0.4	6.8	0	0	26	01	1	0	0	2	10	11	1	3	0
	1730	53	1011.7	1005.7	+0.5	23.2	15.6	9.1	11.5	41	- 2	1.7	+0.0	6.2	0	0	26	00	0	0	0	0	4	20	2	3	0
PATNA AERODROME	0230	60	1012.5	1005.4	..	13.3	11.0	8.7	11.2	74	..	1.3	..	4.3	0	0	16	01	2	0	0	2	0	10	1	13	0
	0530	60	1012.7	1005.5	..	11.8	9.9	7.9	10.7	77	..	1.3	..	5.7	0	0	21	01	1	0	0	5	3	8	3	8	0
	0830	60	1015.0	1008.0	+0.9	15.8	12.2	8.8	11.3	62	- 3	1.8	+0.4	9.0	0	2	25	00	0	1	2	0	7	15	2	2	0
	1130	60	1014.8	1007.9	..	22.5	14.8	7.9	10.7	40	..	1.7	..	10.3	0	4	23	01	0	0	1	2	5	15	2	2	1
	1430	60	1011.8	1004.9	..	24.8	15.1	6.0	9.3	30	..	1.8	..	14.1	0	9	20	01	0	0	1	0	3	13	11	0	0
	1730	60	1011.3	1004.4	+0.8	22.8	15.1	8.3	10.9	40	- 3	2.0	+0.6	6.6	0	0	25	00	0	1	0	0	1	17	6	4	0
	2030	60	1013.1	1006.1	..	17.3	13.4	9.9	12.2	62	..	1.3	..	2.4	0	0	10	00	0	0	0	0	1	8	1	19	0
	2330	60	1013.6	1006.5	..	15.3	12.3	9.5	11.9	68	..	1.2	..	4.7	0	0	15	00	0	0	1	1	3	9	1	14	0
BHAGALPUR	0530	49	1013.2	1007.4	..	13.7	11.1	8.5	11.1	72	..	2.0	..	4.1	0	1	25	00	0	1	5	6	9	5	0	3	0
	0830	49	1015.3	1009.6	+0.7	16.6	12.9	9.5	11.9	63	+ 2	2.0	+0.9	4.9	0	1	27	00	1	1	1	4	7	13	1	1	0
	1130	49	1015.1	1009.5	..	22.3	15.4	9.6	11.9	45	..	1.7	..	6.2	0	2	27	01	2	1	1	1	3	15	5	0	0
	1730	49	1011.5	1005.9	+0.8	21.7	15.6	10.6	12.8	50	- 3	1.8	+0.5	5.9	0	1	26	00	0	0	1	0	3	17	6	2	0
	2330	49	1013.9	1008.3	..	16.4	12.9	9.7	12.1	65	..	0.8	..	3.4	0	0	25	01	0	0	3	3	7	10	1	4	0
SABAUR	0830	37	1015.4	1011.0	+0.6	15.7	12.8	10.2	12.4	70	- 4	1.3	-0.5	5.1	0	0	27	02	0	1	1	0	11	8	4	2	0
	1730	37	1011.4	1007.2	+0.5	22.6	16.1	10.9	13.0	48	- 6	1.3	-0.6	5.6	0	0	26	00	1	0	0	0	1	6	18	3	0
JAMUI	0830	82	(R)																								
	1730	82	(R)																								
DEHRI	0830	107	1015.2	1002.6	+0.3	17.9	13.4	9.3	11.7	59	+ 1	0.9	-0.4	3.5	0	0	29	02	1	2	2	5	6	6	5	0	0
	1730	107	1011.2	998.9	+0.6	24.0	15.8	8.8	11.3	38	+ 3	1.9	+0.6	5.0	0	0	29	02	2	1	2	1	0	19	2	0	0
GAYA	0230	116	1014.1	1000.3	..	13.1	11.3	9.6	11.9	79	..	1.0	..	4.3	0	0	26	00	0	2	8	5	8	2	1	3	0
	0530	116	1014.1	1000.3	..	11.6	10.3	9.0	11.5	85	..	1.3	..	6.3	0	0	28	00	1	5	8	9	3	1	1	1	0
	0830	116	1016.1	1002.4	+0.9	16.5	13.4	10.7	12.9	69	+ 7	1.4	-0.1	6.9	0	1	26	00	0	1	8	8	7	2	1	2	0
	1130	116	1015.8	1002.5	..	23.2	16.3	10.8	12.9	47	..	1.3	..	11.3	0	5	22	01	0	2	1	2	9	9	3	2	0
	1430	116	1012.7	999.5	..	25.6	17.2	10.6	12.8	39	..	1.8	..	16.1	0	8	21	00	2	0	0	1	7	15	3	0	1
	1730	116	1012.1	998.8	+0.8	23.6	16.4	10.6	12.8	44	+ 7	2.0	+0.2	9.7	0	0	29	01	0	0	2	1	2	15	8	0	0
	2030	116	1014.0	1000.5	..	17.9	14.1	10.9	13.0	64	..	1.1	..	5.1	0	0	24	01	1	0	1	2	6	8	5	5	0
	2330	116	1014.8	1001.1	..	15.0	12.6	10.5	12.7	74	..	1.1	..	5.2	0	1	26	00	0	1	10	5	6	4	1	2	0
UTTAR PRADESH EAST																											
KHERI	0830	147	1014.3	996.8	+0.1	11.9	10.3	9.0	11.2	80	+ 6	1.8	+0.3	5.7	0	0	29	01	0	3	0	0	0	25	0	0	0
	1730	147	1011.5	994.5	+0.3	21.9	15.2	10.8	11.7	46	- 3	2.0	+0.4	4.7	0	0	24	00	0	3	0	0	0	20	1	5	0
BAHRAICH	0830	124	1015.3	1000.5	+0.7	13.4	10.8	8.3	10.9	72	- 2	2.3	+0.4	3.8	0	0	21	02	0	3	0	0	3	11	2	8	0
	1730	124	1011.5	997.3	+0.2	22.0	14.6	8.0	10.7	41	- 6	2.9	+0.6	4.4	0	0	25	00	0	1	1	0	3	13	7	4	0
NAUTANWA	0830	99	1014.6	1002.8	+0.4	13.1	11.2	10.0	12.4	81	+ 3	1.6	+0.5	2.3	0	0	25	00	1	6	1	5	7	1	4	4	0
	1730	99	1012.0	1000.3	+1.0	22.0	15.5	10.2	12.4	47	- 1	0.9	+0.1	2.0	0	0	22	01	1	1	2	0	6	8	3	7	0
HARDOI	0830	142	1014.7	997.9	+0.6	15.3	12.3	9.5	11.9	69	- 3	0.8	-0.7	3.7	0	0	27	01	0	2	0	1	0	23	0	2	0
	1730	142	1012.4	996.0	+1.5	21.1	15.2	10.1	12.3	50	+ 9	1.8	+0.3	3.2	0	0	27	01	0	1	0	0	1	23	1	2	0
GONDA	0830	110	1015.2	1002.2	+0.3	15.2	12.3	9.5	11.9	69	- 4	2.0	+0.2	3.2	0	0	23	02	0	3	0	0	0	8	10	6	0
	1730	110	1011.9	999.3	+0.4	22.0	15.3	9.6	11.2	46	+ 1	1.8	-0.2	2.0	0	0	18	00	0	0	0	0	0	7	11	11	0
LUCKNOW	0830	111	1015.3	1002.0	+0.1	12.7	10.5	8.0	10.8	73	+ 3	1.4	-0.3	0.9	0	0	10	00	0	3	0	0	0	7	0	19	0
	1730	111	1012.0	999.3	+0.2	22.2	14.7	7.7	10.5	40	- 3	1.5	-0.5	0.8	0	0	9	00	0	1	0	0	0	8	0	28	0
LUCKNOW (AMOUSI)	0230	128	1013.8	998.6	..	10.9	9.2	7.2	10.1	78	..	1.6	..	2.9	0	0	26	02	4	0	0	0	0	9	11	3	0
	0530	128	1013.5	998.2	..	10.0	8.6	7.4	10.3	78	..	1.7	..	7.4	0	2	25	04	2	1	1	0	0	12	7	2	0
	0830	128	1015.4	1000.2	+0.7	13.5	10.7	8.0	10.7	70	+ 3	2.3	+0.7	9.9	0	2	21	01	3	1	1	0	0	9	8	6	0
	1130	128	1015.4	1000.6	..	21.4	13.9	6.5	9.7	39	..	2.2	..	18.0	0	12	16	01	1	2	1	1	3	7	12	1	0
	1430	128	1012.6	998.0	..	23.9	14.4	4.6	8.9	29	..	2.3	..	17.9	0	15	13	04	0	0	1	4	1	3	15	1	0
	1730	128	1012.1	997.4	+0.7	22.4	14.2	6.0	9.3	35	- 5	2.0	-0.1	12.3	0	6	22	02	0	1	2	0	1	11	11	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY 1968 (MAGHA 12 - PHALGUN 10, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations													
			At mean sea level or lat. in gen. of mean standard isobaric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind speed (Km. P. h.)			Wind direction										
															42 or more	20 to 41	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
UTTAR PRADESH EAST (CONTD.)																												
LUCKNOW (AMAUSI)	2030	128	1014.0	998.9	..	15.3	11.5	8.4	11.0	64	..	1.2	..	8.7	0	0	26	01	2	1	1	0	2	12	7	3	0
	2330	128	1014.5	999.4	..	12.8	10.9	8.1	10.7	75	..	1.5	..	8.3	0	0	26	01	2	1	0	0	2	11	9	3	0
FAIZABAD	0830	102	1015.1	1003.1	-0.2	14.1	11.8	9.6	11.9	75	+ 3	2.1	+0.6	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	102	1012.0	1000.2	+0.1	21.7	15.2	9.5	11.9	46	- 5	2.1	+0.4	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GORAKHPUR	0830	77	1015.0	1005.8	+0.6	15.1	12.0	9.0	11.5	67	- 3	2.2	+0.5	2.7	0	0	21	02	1	1	0	0	1	12	4	8	0
	1730	77	1011.9	1003.0	+0.9	23.1	16.2	10.7	12.9	46	+ 2	1.6	-0.2	2.4	0	0	25	02	0	0	0	0	4	15	4	4	0
GORKHPUR P.B.O.	0230	78	1012.6	1003.4	..	14.8	11.9	9.5	11.9	71	..	1.9	..	5.0	0	0	18	01	0	0	1	1	6	7	2	11	0
	0830	78	1012.5	1003.3	..	13.9	11.3	9.1	11.5	74	..	1.4	..	5.8	0	0	20	00	1	1	1	1	4	11	1	9	0
	1130	78	1014.9	1005.8	..	20.9	14.5	10.0	12.3	50	..	2.0	..	8.0	0	2	26	00	0	0	3	3	7	8	7	1	0
	1430	78	1012.0	1003.0	..	23.3	14.9	8.7	11.2	40	..	1.6	..	8.8	0	0	29	02	0	0	2	4	7	11	3	0	0
	2030	78	1013.2	1004.1	..	18.4	13.9	10.8	12.9	62	..	1.0	..	4.1	0	0	19	02	0	0	1	2	8	4	2	10	0
	2330	78	1013.8	1004.6	..	16.5	13.1	10.4	12.6	68	..	2.2	..	4.3	0	0	19	01	0	0	2	2	6	7	1	10	0
KANPUR	0830	126	1015.1	1000.1	-0.2	14.2	12.2	10.3	12.5	78	+ 9	2.0	+0.4	5.0	0	0	20	02	0	2	0	0	0	15	1	9	0
	1730	126	1011.6	997.2	-0.4	22.7	19.1	16.5	18.8	72	+35	2.0	+0.1	9.0	0	2	24	02	1	5	0	0	0	17	1	3	0
KANPUR (AERODROME)	0530	126	1014.1	999.0	..	10.8	8.9	6.8	9.8	76	..	5.8	..	0.8	0	0	19	02	1	1	0	0	1	9	5	10	0
	0830	126	1015.8	1000.9	..	13.5	10.6	7.6	10.4	68	..	2.3	..	0.9	0	1	23	02	1	2	0	0	7	10	2	5	0
	1130	126	1015.9	1001.4	..	21.6	13.8	6.4	9.6	35	..	2.2	..	1.5	0	1	26	02	1	3	1	2	2	13	3	2	0
	1730	126	1012.5	998.0	..	22.5	14.0	5.3	8.9	33	..	2.4	..	1.2	0	0	28	02	1	2	0	1	1	17	4	1	0
	2330	126	1014.8	999.9	..	14.4	11.6	8.7	11.2	69	..	1.2	..	0.7	0	0	24	02	0	2	0	0	1	16	3	5	0
SULTANPUR	0830	97	1016.0	1004.5	+0.0	15.0	11.8	8.2	11.0	66	+ 1	1.2	-0.1	3.6	0	0	21	02	1	2	0	0	4	11	1	8	0
	1730	97	1012.2	1001.1	+0.0	23.6	15.7	8.6	11.1	39	- 2	1.6	+0.3	2.5	0	0	20	00	1	0	0	0	2	12	5	9	0
AZAMGARH	0830	78	1015.4	1006.2	+1.4	14.9	12.5	10.4	12.6	75	+ 3	1.2	+0.2	5.4	0	0	25	02	0	3	1	0	7	12	0	4	0
	1730	78	1011.7	1002.8	+1.0	22.8	17.1	13.0	15.0	54	+ 2	1.1	+0.2	3.8	0	0	21	00	0	0	0	0	0	21	0	8	0
FATEHPUR	0830	114	1015.9	1002.3	+0.5	13.9	11.7	9.5	11.9	76	+ 9	1.8	-0.1	5.8	0	0	25	01	0	3	2	0	6	6	7	4	0
	1730	114	1012.4	999.3	+0.9	22.5	15.9	10.5	12.7	47	+ 6	2.1	+0.2	5.6	0	0	25	01	2	1	1	1	0	6	13	4	0
BALLIA	0830	64	1015.6	1008.3	+1.3	15.2	12.5	10.3	12.5	72	+ 5	1.2	+0.0	2.5	0	0	25	00	2	1	2	0	1	18	1	4	0
	1730	64	1012.6	1015.3	+1.0	22.4	15.6	9.8	12.1	47	+ 6	1.4	+0.1	0.9	0	0	8	00	0	0	0	0	0	8	0	21	0
BANDA	0830	121	1016.9	1002.5	+1.3	15.0	11.4	7.8	10.6	63	+ 1	1.2	+0.2	2.1	0	0	28	01	5	0	0	0	17	0	5	1	0
	1730	121	1012.7	998.9	+1.1	23.4	15.6	8.6	11.2	41	+ 9	1.4	+0.2	2.2	0	0	23	00	6	0	0	0	17	0	5	1	0
ALLAHABAD (BAMHRAULI)	0230	98	1014.1	1002.4	..	12.4	10.5	8.6	11.2	78	..	0.9	..	1.5	0	0	16	02	0	2	0	0	2	7	3	13	0
	0530	98	1014.0	1002.2	..	10.9	9.6	8.4	11.0	85	..	1.0	..	1.7	0	0	19	03	2	1	0	1	4	6	2	10	0
	0830	98	1016.1	1004.5	+0.9	14.6	11.8	9.0	11.5	70	+ 3	1.9	+0.0	4.0	0	0	23	02	0	2	1	0	12	6	0	6	0
	1130	98	1016.0	1004.7	..	22.5	15.0	8.0	10.7	40	..	2.4	..	6.8	0	0	28	02	0	3	3	3	4	9	4	1	0
	1430	98	1013.1	1001.9	..	25.3	15.9	7.4	10.3	33	..	2.2	..	7.9	0	0	28	03	1	3	2	0	2	13	4	1	0
	1730	98	1012.4	1001.2	+0.8	23.6	15.9	9.3	11.7	40	+ 3	2.1	+0.0	4.3	0	0	28	04	1	0	0	0	0	15	8	1	0
	2030	98	1014.2	1002.7	..	17.2	13.4	9.8	12.1	62	..	1.2	..	1.9	0	0	21	04	3	0	1	1	1	8	3	8	0
	2330	98	1014.7	1003.1	..	14.5	11.9	9.3	11.7	71	..	1.0	..	2.0	0	0	17	00	2	0	1	0	2	9	3	12	0
VARANASI (BABATPUR)	0530	85	1013.9	1004.5	..	10.9	9.7	8.5	11.1	85	..	1.3	..	4.2	0	0	16	00	1	1	0	1	3	10	0	13	0
	0830	85	1016.0	1005.8	+0.6	15.1	12.1	9.2	11.6	68	+ 6	1.4	+0.2	8.5	0	0	27	00	1	0	1	6	10	6	1	2	2
	1130	85	1015.9	1005.9	..	22.3	14.9	8.1	10.8	42	..	1.8	..	11.8	0	5	24	01	1	1	2	4	1	16	1	0	2
	1730	85	1012.4	1002.5	+0.4	22.4	15.2	8.1	10.8	39	- 4	1.6	+0.1	9.3	0	0	28	01	2	1	0	0	3	18	2	1	1
	2330	85	1014.7	1004.5	..	14.5	11.7	8.9	11.4	70	..	1.0	..	5.4	0	0	18	00	1	1	0	1	0	15	0	11	0
VARANASI	0830	76	1016.0	1007.0	+1.1	16.1	13.2	10.6	12.8	70	+ 2	1.4	-0.4	3.4	0	0	22	00	0	2	0	0	1	19	0	7	0
	1730	76	1012.2	1003.4	+0.7	24.6	16.5	10.2	12.4	42	+ 5	1.6	-0.2	3.3	0	0	24	00	0	1	0	0	1	21	1	5	0
UTTAR PRADESH WEST																												
MUKHIM	0830		..	..	..	5.7	2.7	- 1.3	5.5	62	+11	2.4	..	0.0	0	0	1	00	0	0	0	0	0	0	1	28	0
	1730		..	..	..	8.2	4.6	0.6	6.4	61	+ 9	8.2	..	0.1	0	0	6	00	0	0	0	0	0	0	6	23	0
TEHRI	0830	770	1029.8	939.2	..	8.1	7.2	6.2	9.5	89	+ 8	3.7	+1.4	0.4	0	0	5	01	3	1	0	0	0	0	0	24	0
	1130	770	1027.0	938.5	..	14.2	9.8	5.2	8.4	56	..	3.1	..	0.9	0	0	7	00	1	2	2	0	1	1	0	22	0
	1730	770	1021.7	934.6	..	17.8	11.5	5.3	8.9	46	+ 4	3.7	+1.5	2.8	0	0	1	00	1	2	5	1	8	0	0	12	0
DEHRA DUN	0530	682	1015.1	935.5	..	8.5	7.8	6.8	9.9	88	..	2.3	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	0830	682	1015.8	936.5	-0.1	9.8	8.4	7.0	10.0	84	+13	2.5	-0.3	0.6	0	0	6	04	0	1	0	0	1	0	0	23	0
	1130	682	1015.0	937.6	..	16.6	12.7	9.2	11.6	62	..	3.3	..	1.0	0	0	7	01	1	0	0	0	4	1	0	22	0
	1730	682	1011.7	934.9	-0.1	17.8	13.3	9.3	11.9	59	+12	3.2	+0.0	2.3	0	0	25	03	1	0	0	0	9	10	2	4	0
	2330	682	1016.2	937.1	..	11.1	9.5	8.7	11.2	86	..	2.4	..	0.5	0	0	3	01	2	0	0	0	0	0	0	26	0
MANSLAR	0830		..	..	..	4.1	0.3	- 6.0	3.7	48	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	4.9	1.7	- 3.1	4.7	57	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
ROORKEE	0830	274	1016.4	983.8	+1.2	11.2	9.3	7.3	10.2	77	- 1	2.3	-0.5	0.9	0	0	13	00	0	1	1	0	0	2	9	16	0
	1730	274	1013.1	981.6	+1.3	19.7	13.8	8.2	10.9	48	+ 5	2.1	-0.9	1.2	0	0	18	00	2	0	2	0	0	3	11	11	0
MAJIRABAD	0830	270	1015.1	983.8	+0.5	10.0	8.9	7.8	10.4	87	+ 5	2.6	+1.0	2.3	0	0	23	02	1	4	1	0	1	6	8	6	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – FEBRUARY 1968 (MAGHA 12 - PHALGUN 10, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mb. At mean sea level or in brackets, at mean standard isobaric level	Mean pressure in mb. At station level	Mean pressure in mb. Departure from normal	Mean temperature in °C Dry bulb	Mean temperature in °C Wet bulb	Mean temperature in °C Dew point	Vapour pressure in mb.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
UTTAR PRADESH WEST (CONTD.)																											
NAJIBABAD	1730	270	1013.1	982.0	+0.2	19.9	14.1	8.4	11.0	49	+ 6	1.5	+0.0	3.0	0	0	25	07	0	7	2	0	0	7	7	4	0
MEERUT	0830	222	1016.2	989.8	+0.6	12.5	10.2	7.7	10.5	73	+ 8	0.4	-0.6	4.9	0	0	24	00	0	0	0	1	0	15	8	5	0
BAREILLY	0830	173	1015.1	994.6	+0.4	13.7	11.2	8.9	13.3	73	+ 0	1.4	-1.0	8.6	0	0	28	00	1	1	0	0	7	15	4	1	0
	1730	173	1012.1	992.1	+0.4	20.3	14.4	8.5	11.1	49	+ 5	2.4	-0.2	3.5	0	0	27	03	1	1	0	0	12	9	1	2	0
BAREILLY P.B.O.	0230	172	1013.7	993.3	..	13.1	10.5	8.1	10.7	72	..	1.9	..	6.8	0	1	21	05	0	1	0	0	0	10	6	7	0
	0530	172	1013.3	992.8	..	11.7	9.6	7.8	10.6	77	..	1.5	..	5.4	0	0	22	01	2	1	0	0	1	12	5	7	0
	1130	172	1015.5	995.5	..	18.9	13.6	9.5	11.9	55	..	2.3	..	10.3	0	1	26	03	2	0	1	0	1	9	11	2	0
	1430	172	1012.7	992.7	..	22.1	14.6	9.1	11.5	44	..	2.8	..	12.2	0	0	29	02	0	2	0	0	0	8	17	0	0
	2030	172	1013.9	993.8	..	16.7	12.4	9.1	11.5	61	..	2.2	..	5.0	0	0	23	01	0	1	1	0	0	15	5	6	0
	2330	172	1014.7	994.4	..	14.8	11.4	8.6	11.2	67	..	2.3	..	5.7	0	1	22	03	1	0	0	0	0	15	4	6	0
ALIGARH	0830	187	1016.9	994.4	+1.3	10.6	8.9	7.0	10.0	79	+12	2.6	+0.6	5.1	0	0	26	03	1	0	0	0	2	18	2	3	0
	1730	187	1013.9	992.1	+1.5	19.9	13.8	8.0	10.7	47	+10	3.7	+1.8	3.2	0	0	26	04	0	1	0	1	0	20	0	3	0
MAINPURI	0830	157	1016.1	997.4	+0.8	12.7	10.3	7.8	10.6	72	+ 2	2.5	+0.3	3.0	0	0	28	00	2	1	4	0	1	11	9	1	0
	1730	157	1012.6	994.5	+0.6	21.4	14.5	7.9	10.7	42	+ 2	2.5	+0.2	2.1	0	0	20	00	0	1	1	1	1	8	8	9	0
AGRA	0830	169	1016.8	996.7	+1.1	12.5	9.8	6.5	9.7	69	+ 5	1.3	-0.3	2.4	0	0	15	00	1	0	0	0	2	0	12	14	0
	1730	169	1013.4	993.9	+1.1	21.3	15.1	9.8	12.1	49	+17	2.3	+0.3	4.8	0	0	24	00	4	0	1	0	4	0	15	5	0
AGRA AERODROME	0230	169	1015.2	995.1	..	11.2	9.3	7.3	10.2	77	..	1.2	..	1.6	0	0	5	07	1	0	0	1	0	0	1	24	0
	0530	169	1015.0	994.7	..	9.6	8.4	6.9	9.9	84	..	1.6	..	2.9	0	0	10	03	0	1	0	2	0	1	3	19	0
	0830	169	1016.9	996.7	..	12.2	9.8	7.2	10.1	72	..	2.7	..	6.7	0	0	20	02	1	0	1	0	0	5	11	9	0
	1130	169	1016.8	997.2	..	20.1	13.7	7.5	10.4	45	..	1.9	..	11.8	0	5	20	07	1	0	2	2	0	2	11	4	0
	1730	169	1013.4	993.9	..	21.4	14.2	7.7	10.1	40	..	2.3	..	11.2	0	0	26	09	0	1	2	0	0	2	12	3	0
	2330	169	1015.7	995.7	..	13.1	10.7	8.1	10.8	72	..	1.1	..	2.7	0	0	9	03	1	0	1	1	0	0	3	20	0
ORAI	0830	141	1017.5	1001.0	+1.7	17.8	13.3	9.1	11.5	57	- 1	1.0	-0.3	3.4	0	0	28	04	8	0	1	0	1	1	13	1	0
	1730	141	1013.6	997.4	+1.5	22.9	15.7	9.7	12.0	44	+ 6	1.6	+0.2	3.5	0	0	29	04	7	0	2	0	1	0	15	0	0
JHANSI	0830	251	1014.2	987.1	+0.7	14.3	10.4	6.3	9.5	59	+ 3	4.3	+2.9	0.2	0	0	7	00	0	0	0	0	0	7	0	22	0
	1730	251	1011.5	983.6	+0.5	23.6	14.4	5.1	8.8	30	+ 2	4.3	+2.7	3.2	0	0	13	01	0	2	0	3	0	7	0	16	0
MORADABAD	0830	198	..	..	..	12.1	10.5	8.6	11.2	81	..	0.0	..	5.0	0	0	24	00	2	2	0	0	0	2	18	5	0
	1730	198	..	..	..	19.6	17.1	15.2	17.3	76	..	0.0	..	0.5	0	0	23	00	3	0	0	0	0	2	18	6	0
HARYANA (INCLUDING DELHI AND CHANDIGARH)																											
CHANDIGARH	0830	347	1015.5	974.2	+0.6	12.7	9.9	6.9	9.9	69	+ 3	2.1	+0.6	2.0	0	0	16	00	4	0	0	0	0	0	12	13	0
	1730	347	1012.1	972.2	+0.2	18.5	12.8	7.1	10.1	48	+ 5	2.6	+1.6	4.2	0	0	21	00	2	0	0	0	12	0	7	8	0
AMBALA	0830	272	1016.1	983.6	+0.8	11.6	9.9	8.1	10.8	79	+ 6	1.9	-0.5	5.8	0	0	27	00	1	0	6	0	0	0	20	2	0
	1730	272	1012.8	980.6	-0.3	18.7	14.8	11.5	13.6	65	+21	1.9	-0.5	8.1	0	0	21	00	5	0	11	0	4	0	1	8	0
AMBALA P.B.O.	0230	278	1015.1	982.2	..	12.1	10.0	8.1	10.8	77	..	1.9	..	7.8	0	1	23	02	0	0	3	0	0	3	16	5	0
	0530	278	1014.3	970.9	..	11.0	9.2	7.6	10.4	80	..	1.9	..	5.0	0	0	20	01	0	1	2	0	0	0	16	9	0
	1130	278	1016.0	983.6	..	16.9	13.0	10.1	12.3	65	..	3.0	..	9.9	0	3	21	01	1	1	3	1	1	0	16	5	0
	1430	278	1013.7	981.5	..	19.0	13.4	9.1	11.1	55	..	3.1	..	11.3	0	1	26	00	1	0	5	0	2	3	16	2	0
	2030	278	1014.6	982.1	..	15.2	12.2	9.9	12.2	71	..	2.1	..	5.1	0	0	20	00	0	0	2	0	0	3	15	9	0
	2330	278	1015.6	982.8	..	13.6	11.1	9.0	11.5	74	..	2.1	..	8.0	0	2	22	01	0	0	3	0	1	2	17	5	0
AMBALA AERODROME	0530	275	1014.3	981.4	..	9.0	8.3	7.6	10.4	91	..	2.0	..	9.9	0	1	20	00	0	1	2	0	0	6	12	8	0
	0830	275	1015.8	983.3	..	10.1	9.0	7.8	10.6	85	..	2.9	..	11.9	0	4	20	00	0	1	2	1	0	7	13	5	0
	1130	275	1016.0	984.0	..	14.3	13.2	9.6	11.9	63	..	3.0	..	17.2	0	11	17	02	0	1	3	0	1	5	14	1	2
	1730	275	1013.0	981.2	..	18.3	13.6	9.2	11.6	56	..	3.5	..	14.2	0	2	25	00	0	1	1	0	1	11	13	2	0
	2330	275	1015.7	983.1	..	11.2	10.1	8.8	11.3	86	..	2.0	..	11.2	0	4	17	00	0	1	1	0	1	6	12	8	0
KARNAL	0830	249	1015.8	986.3	+0.9	13.1	10.9	8.5	11.1	75	+ 2	1.5	-0.7	6.7	0	0	29	05	0	0	2	4	1	9	8	0	0
	1730	249	1013.1	984.2	+0.6	19.0	14.1	9.5	11.9	54	+16	1.6	-0.6	9.5	0	0	29	05	0	0	2	4	1	9	8	0	0
HISSAR	0530	221	1015.7	989.1	..	8.4	8.1	7.6	10.4	95	..	1.7	..	7.0	0	0	25	04	1	3	2	1	1	12	1	4	0
	0830	221	1017.2	990.5	+1.1	8.9	8.3	7.3	10.2	89	+19	2.2	+0.3	3.7	0	0	22	02	0	1	3	2	4	10	0	7	0
	1130	221	1017.1	991.3	..	17.9	14.1	10.8	12.9	64	..	2.8	..	8.0	0	2	24	02	1	0	5	1	0	5	12	3	0
	1430	221	1014.7	989.2	..	20.3	15.8	12.1	14.1	60	..	3.7	..	8.0	0	1	24	03	1	1	3	0	3	7	7	4	0
	1730	221	1014.1	988.5	+1.2	19.8	15.8	12.5	14.5	64	+27	3.4	+1.5	5.7	0	0	29	06	0	1	0	1	2	10	9	0	0
NEW DELHI/SAFDARJUNG	2330	221	1016.5	990.1	..	11.8	10.9	10.0	12.3	88	..	1.7	..	7.0	0	0	23	04	0	3	2	0	1	7	6	6	0
	0230	216	1015.1	989.3	..	11.8	9.8	7.5	10.4	76	..	1.9	..	7.4	0	0	27	00	1	1	1	1	1	7	15	2	0
	0530	216	1014.7	988.8	..	10.3	8.7	6.7	9.8	79	..	2.2	..	7.8	0	0	27	00	1	2	0	1	2	14	7	2	0
	0830	216	1016.5	990.6	+0.9	11.4	9.3	6.8	9.9	74	+15	2.6	+0.1	10.5	0	0	29	00	1	2	2	0	2	13	9	0	0
	1130	216	1016.5	991.3	..	18.5	13.0	7.4	10.3	49	..	2.1	..	4.5	0	0	29	01	1	3	1	1	2	4	15	0	1
	1430	216	1013.8	988.9	..	21.4	14.0	6.8	9.8	40	..	2.9	..	18.1	0	2	27	02	0	2	3	1	1	6	14	0	0
	1730	216	1013.1	988.2	+0.9	20.5	13.6	6.8	9.9	42	+14	3.3	+0.7	13.9	0	0	29	00	1	3	2	0	1	5	17	0	0
	2030	216	1015.0	989.5	..	15.8	12.1	8.5	11.1	63	..	2.8	..	5.8	0	0	23	00	2	1	0	0	0	7	13	6	0
	2330	216	1015.7	990.1	..	13.6	10.9	8.1	10.8	70	..	2.3	..	7.7	0	1	26	01	3	0	3	1	0	8	12	2	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – FEBRUARY 1968 (MAGHA 12 - PHALGUN 10, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of mean standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HARYANA (INCLUDING DELHI AND CHANDIGARH) (CONTD.)																											
PALAM AERODROME	0230	233	1010.7	987.7	..	10.4	8.8	7.4	10.0	80	..	1.6	..	10.0	0	1	26	03	2	2	3	1	1	9	6	2	0
	0530	233	1015.3	987.3	..	8.2	7.6	6.6	9.7	88	..	1.8	..	8.8	0	1	25	00	1	1	4	0	5	13	2	3	0
	0830	233	1016.9	988.9	..	9.9	8.6	7.0	10.0	83	..	2.7	..	10.8	0	2	22	01	0	1	1	1	6	9	5	5	0
	1130	233	1016.9	989.7	..	17.9	12.4	6.7	9.8	49	..	2.3	..	17.9	0	14	13	06	0	0	2	2	2	5	10	2	0
	1430	233	1014.5	987.5	..	20.9	13.2	4.9	8.7	36	..	2.6	..	19.2	0	15	14	02	2	0	2	2	2	4	15	0	0
	1730	233	1013.6	986.7	..	20.1	12.9	5.5	9.0	39	..	2.9	..	15.7	0	7	22	06	1	1	3	0	1	2	15	0	0
	2030	233	1015.3	987.9	..	14.9	11.6	8.1	10.8	65	..	2.2	..	7.9	0	0	24	04	4	1	2	0	1	4	8	5	0
	2330	233	1016.3	988.6	..	12.7	10.4	7.8	10.6	73	..	2.3	..	9.1	0	2	20	04	0	4	0	2	0	5	7	7	0
GURGAON	0830		..	..	..	10.8	8.8	6.8	9.9	75	..	2.3	..	4.1[c]	0	0	15	01	0	1	1	0	0	10	2	13	0
	1730		..	..	..	19.6	13.1	6.4	9.6	43	..	3.1	..	8.5[c]	0	0	23	03	0	2	0	0	0	9	9	5	0
NARNAUL	0830		(R)																								
	1730		(R)																								
ROHTAK	0830		..	..	..	10.2	9.1	7.8	10.6	85	..	2.2	..	7.8	0	1	27	02	1	1	1	2	4	11	6	1	0
	1730		..	..	..	19.6	13.6	9.1	10.5	47	..	1.7	..	8.0	0	0	29	02	2	1	1	1	2	10	10	0	0
PUNJAB																											
PATHANKOT	0530	312	1015.5	978.1	..	8.3	7.5	6.4	9.6	90	..	2.8	..	6.6	0	3	16	04	9	3	1	0	1	0	1	10	0
	0830	312	1016.8	979.6	+1.0	9.8	8.7	7.5	10.4	86	+12	3.2	-0.1	6.9	0	3	18	03	12	3	0	0	1	2	0	8	0
	1130	312	1016.8	980.4	..	16.3	11.8	7.5	10.4	56	..	3.4	..	8.9	0	3	24	00	7	2	1	3	5	4	5	2	0
	1730	312	1013.9	977.7	+0.2	17.3	12.2	6.9	9.9	51	+ 5	3.9	-0.2	13.0	0	3	25	00	4	1	0	0	2	17	4	1	0
	2330	312	1016.8	979.8	..	10.5	9.4	7.9	10.7	85	..	3.1	..	6.2	0	3	12	02	8	1	1	0	0	1	2	14	0
AMRITSAR	0530	234	1015.8	987.6	..	7.5	7.1	6.2	9.5	90	..	3.1	..	11.3	0	3	25	08	2	1	1	0	1	8	7	1	0
	0830	234	1017.2	989.0	+1.3	8.6	7.6	6.5	9.6	87	+ 3	3.3	+0.6	7.5	0	1	24	05	1	0	1	2	1	6	9	4	0
	1130	234	1017.0	990.0	..	15.7	11.8	7.7	10.5	61	..	2.8	..	11.4	0	5	23	09	2	0	1	1	2	3	10	1	0
	1430	234	1015.2	987.9	..	18.5	12.5	6.0	9.3	46	..	3.3	..	15.6	0	10	19	05	2	2	0	0	1	8	11	0	0
	1730	234	1014.4	987.1	+1.2	17.6	12.5	7.1	10.1	52	+ 7	3.9	+1.2	1.3	0	3	25	04	2	2	1	0	0	8	11	1	0
	2030	234	1016.2	988.3	..	12.4	10.7	8.9	11.4	80	..	2.9	..	10.9	0	2	25	05	2	1	0	0	0	7	12	2	0
ADAMPUR AERODROME	0830	249	1016.7	986.8	..	8.0	6.5	4.5	8.4	79	..	2.9	..	6.8	0	0	18	03	3	3	0	0	0	2	7	11	0
	1730	249	1014.5	985.5	..	17.0	11.5	5.7	9.1	48	..	1.7	..	14.3	0	2	25	01	1	2	0	0	0	10	13	2	0
LUDHIANA	0830	247	1016.8	987.3	+1.1	10.2	8.8	7.2	10.1	82	+ 4	2.4	-0.3	1.9	0	0	23	01	3	0	2	0	1	0	16	6	0
	1730	247	1013.8	985.3	+0.8	18.7	13.4	8.1	10.8	52	+ 8	2.8	+0.2	6.2	0	0	27	00	3	0	0	0	1	0	23	2	0
FEROZEPUR	0830	200	1017.7	993.5	+2.2	9.0	8.0	6.8	9.9	86	+ 6	2.0	-0.1	2.1	0	0	21	04	1	0	0	1	0	3	12	8	0
	1730	200	1015.7	995.7	+5.8	18.1	15.4	13.2	15.2	75	+32	2.0	+0.1	3.0	0	0	26	06	2	0	0	1	0	1	16	3	0
HALWARA AERODROME	0530	242	1015.8	986.5	..	6.7	6.0	5.1	8.8	90	..	2.0	..	9.6	0	0	25	05	3	0	1	1	0	3	12	4	0
	0830	242	1016.7	987.7	..	8.9	8.1	7.1	10.1	89	..	3.0	..	10.3	0	1	25	10	0	1	0	2	0	2	11	3	0
	1130	242	1016.9	988.3	..	17.3	12.2	6.6	9.7	52	..	3.0	..	17.9	0	4	25	10	2	2	0	4	1	1	9	0	0
	1730	242	1014.1	986.0	..	17.9	12.5	7.0	10.0	51	..	3.4	..	15.4	0	2	27	06	1	0	2	0	0	8	12	0	0
	2330	242	1016.9	987.8	..	9.1	8.1	7.0	10.0	87	..	1.7	..	9.9	0	1	25	03	0	2	2	1	0	4	14	3	0
PATIALA	0830	251	1015.7	986.2	+0.7	10.4	9.0	7.4	10.3	83	+14	3.0	+0.4	6.8	0	1	18	03	0	0	6	1	0	0	9	10	0
	1730	251	1013.5	984.5	+0.9	18.8	12.7	6.5	9.7	46	+ 5	3.2	+0.4	8.9	0	1	23	00	0	0	2	0	0	0	22	5	0
BHATINDA	0830	211	1017.3	991.0	..	12.9	10.3	7.5	10.4	71	+ 2	1.2	-0.2	2.3	0	0	17	00	3	0	2	0	2	0	10	12	0
	1730	211	1014.7	990.1	..	18.2	13.4	8.4	11.0	56	+10	1.0	-0.4	2.8	0	0	19	00	1	0	3	0	1	0	14	10	0
HIMACHAL PRADESH																											
MANDI	0830	761	1017.6	925.2	-3.5	5.9	5.1	4.2	8.2	89	+ 0	5.1	+1.9	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	761	1012.1	936.3	+0.8	15.7	16.0	9.7	12.0	69	+20	4.0	+1.1	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BILASPUR	0830	587	1018.8	949.3	+0.7	8.2	7.5	7.0	10.0	92	+ 3	5.6	+1.1	3.1	0	0	16	00	6	1	4	1	1	1	2	13	0
	1730	587	1013.3	946.7	+1.0	17.4	12.8	8.9	11.4	59	+17	3.9	+0.6	4.9	0	1	25	01	6	0	1	4	11	2	1	3	0
JAMMU AND KASHMIR																											
MISGAR	0830		(R)																								
	1730		(R)																								
GILGIT	0830		(R)																								
	1730		(R)																								
SKARDU	0830		(R)																								
	1730		(R)																								
LEH	0530	3514	3082.5	661.9	..	-13.9	-15.4	-21.9	0.9	53	..	4.6	..	4.7[c]	0	0	19	06	9	1	0	0	2	1	0	9	0
	0830	3514	3096.4	663.7	-0.9	- 9.1	-10.8	-16.0	1.5	58	- 1	4.1	-0.7	6.4[c]	0	0	20	03	8	1	0	1	6	1	0	8	0
	1730	3514	3046.3	660.2	-2.5	- 4.0	- 6.2	-10.9	2.4	59	+13	5.3	+0.7	6.3	0	0	27	04	1	1	0	4	13	1	3	2	0
SRINAGAR	0230	1587	1527.0	844.0	..	- 1.9	- 2.2	- 2.6	4.9	95	..	6.7	..	1.3	0	0	13	00	1	0	10	0	0	0	2	16	0
	0530	1587	1524.9	843.6	..	- 2.2	- 2.4	- 2.8	4.8	96	..	7.1	..	2.0	0	0	18	00	1	0	16	0	0	0	1	11	0
	0830	1587	1532.4	844.4	+0.2	- 2.9	- 3.1	- 3.5	4.5	96	+ 9	7.1	+0.8	1.7	0	0	16	00	0	0	10	0	2	1	3	13	0
	1130	1587	1542.0	845.2	..	0.8	- 0.2	- 1.4	5.4	86	..	6.6	..	2.0	0	0	20	01	0	1	14	0	0	0	4	9	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — FEBRUARY 1968 (MAGHA 12 - PHALGUN 10, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations													
			At mean sea level or lat. in gen. of nearest standard isobaric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction										
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
JAMMU AND KASHMIR (CONTD.)																												
SRINAGAR	1430	1587	1523.2	843.3	..	2.8	1.3	- 6.0	5.8	80	..	5.7	..	3.2	0	0	26	03	1	1	13	0	1	1	6	3	0
	1730	1587	1515.0	842.7	+0.5	1.6	0.5	- 1.3	5.5	83	+14	5.4	-0.2	3.1	0	0	25	00	2	0	14	0	2	1	6	4	0
	2030	1587	1521.7	843.3	..	- 0.6	- 1.0	- 2.0	5.2	92	..	5.3	..	1.9	0	0	19	00	0	0	13	0	0	0	6	10	0
	2330	1587	1532.0	844.3	..	- 1.3	- 1.7	- 2.0	5.2	93	..	5.4	..	1.6	0	0	15	00	0	0	9	0	0	0	6	14	0
SRINAGAR AERODROME	0530	1666	1528.6	835.5	..	- 4.2	- 4.4	- 4.7	4.1	96	..	5.7	..	2.5	0	0	7	01	0	0	1	2	1	0	1	22	0
	0830	1666	1537.4	836.4	..	- 3.6	- 3.8	- 4.2	4.3	96	..	6.3	..	2.9	0	0	12	00	1	1	0	5	2	1	2	17	0
	1130	1666	1544.6	837.4	..	0.0	- 0.6	- 1.5	5.4	90	..	5.7	..	2.9	0	0	11	03	0	2	0	2	1	2	1	18	0
	1730	1666	1520.4	834.9	..	0.6	0.1	- 0.4	5.9	93	..	5.0	..	4.1	0	0	15	02	1	3	3	5	0	0	1	14	0
	2330	1666	1533.7	835.9	..	- 3.2	- 3.5	- 4.0	4.3	94	..	0.5	..	1.2	0	0	4	00	0	0	0	1	1	0	2	25	0
GULMARG	0830		SEASONAL OBSERVATORY																									
	1730																											
QAZIGUND	0830		(R)																									
	1730		(R)																									
BANIHAL	0830		(R)																									
	1730		(R)																									
JAMMU	0830	366	1014.4	967.8	..	9.7	7.8	5.9	9.1	75	+11	2.3	-1.0	8.6	0	1	27	01	27	0	0	0	0	0	0	1	0
JAMMU AERODROME	1730	366	1014.5	934.4	..	18.2	13.5	7.8	10.6	52	..	1.5	..	0.9	0	0	8	00	8	0	0	0	0	0	0	21	0
	0530	292	1015.9	981.4	..	9.0	7.6	6.0	9.3	80	..	3.0	..	4.0	0	0	12	03	9	0	0	0	0	0	0	17	0
	0830	292	1017.1	982.0	..	9.5	7.9	6.0	9.3	80	..	3.0	..	4.0	0	1	13	02	9	0	1	0	0	2	0	15	0
	1130	292	1017.2	982.8	..	15.3	11.5	6.7	9.8	54	..	3.3	..	5.0	0	0	19	01	4	1	2	4	3	2	2	10	0
	1730	292	1014.4	980.3	..	17.4	12.0	6.3	9.5	49	..	4.0	..	5.0	0	0	19	00	3	0	0	2	5	9	0	10	0
	2330	292	1016.8	981.9	..	11.3	9.5	7.6	10.4	79	..	3.2	..	3.5	0	0	10	00	8	0	1	1	0	0	0	19	0
GULMARG (RESEARCH INSTITUTE)	0830		..	..	..	- 8.0	- 8.0	- 9.6	2.7	79	..	4.5	..	3.2	0	0	29	00	0	9	2	2	1	11	4	0	0
	1130		..	..	..	- 2.9	- 3.4	- 5.6	3.8	31	..	8.3	..	3.6	0	0	29	00	0	18	3	0	0	8	0	0	0
	1730		..	..	..	- 2.9	- 3.6	- 5.2	3.9	84	..	6.5	..	3.0	0	0	29	00	0	12	4	1	1	11	0	0	0
RAJASTHAN, WEST																												
GANGANAGAR	0530	177	1015.7	994.3	..	8.3	7.1	5.5	9.0	55	..	1.1	..	1.0	0	0	4	00	2	0	0	1	0	0	1	25	0
	0830	177	1017.2	995.4	+0.9	8.6	7.2	5.8	9.2	83	+ 9	2.4	+0.1	0.8	0	0	6	01	1	1	0	1	0	1	1	23	0
	1130	177	1017.5	996.7	..	17.0	12.1	6.8	9.9	54	..	2.7	..	3.5	0	0	24	02	6	1	3	0	1	4	7	5	0
	1730	177	1014.2	993.6	+1.3	19.5	12.8	5.7	9.1	43	+ 6	2.6	+0.5	2.1	0	0	23	03	5	0	2	0	1	4	8	6	0
	2330	177	1016.6	995.4	..	11.5	9.5	7.1	10.1	75	..	0.8	..	1.4	0	0	7	01	2	1	1	0	0	0	2	22	0
ANUPGARH	0830	154	1017.8	999.4	..	12.3	11.3	10.4	12.6	89	..	0.8	..	7.5	0	3	18	06	0	6	2	0	0	6	1	6	0
	1730	154	1014.7	996.8	..	19.7	..	..	..	..	..	1.6	..	8.6	0	0	22	13	1	2	1	0	1	0	4	2	0
MAHAJAN	0830	187	1015.7	993.1	..	12.6	9.6	6.4	9.6	30	..	0.9	..	3.6	0	0	26	05	3	4	6	1	3	2	2	3	0
	1730	187	1012.2	990.6	..	20.2	11.4	6.4	9.6	43	..	1.0	..	5.3	0	0	29	09	5	1	0	2	2	6	4	0	0
CHURU	0830	291	1017.7	982.7	+1.1	9.4	7.8	5.9	9.3	79	+17	2.1	+0.7	2.4	0	0	19	01	2	4	5	2	0	5	0	10	0
BIKANER	1730	291	1013.8	980.4	+1.4	21.0	15.2	10.1	12.3	52	+19	2.7	+0.7	9.7	0	1	27	12	3	2	0	1	1	2	7	1	0
	0830	224	1017.4	990.6	+1.6	11.4	8.4	4.5	8.4	65	+ 9	2.6	+1.2	2.9	0	0	17	00	2	2	3	5	2	3	0	12	0
	1730	224	1013.7	988.0	+1.8	21.5	13.4	4.7	8.5	36	+ 6	3.2	+1.7	5.1	0	0	26	05	3	1	1	0	6	4	6	3	0
BIKANER P.B.O	0530	224	1015.4	988.5	..	9.2	7.2	4.7	8.5	75	..	1.7	..	0.6	0	0	5	01	0	0	1	0	1	2	0	24	0
	1130	224	1017.2	991.2	..	19.2	12.9	6.2	9.3	45	..	2.1	..	3.5	0	0	24	04	7	4	2	2	1	3	1	5	0
	1430	224	1014.3	988.6	..	22.4	14.3	6.0	9.3	37	..	3.2	..	3.5	0	0	20	04	1	0	4	1	3	3	4	9	0
	2030	224	1015.3	989.0	..	16.5	11.7	6.6	9.7	53	..	1.6	..	2.2	0	0	11	02	5	0	0	0	1	2	1	18	0
	2330	224	1016.6	993.1	..	13.5	10.0	5.4	9.0	61	..	2.0	..	2.0	0	0	11	03	4	1	1	0	0	1	1	18	0
NAGAUR	0830	298	1017.4	982.2	+0.8	13.7	10.3	6.6	9.7	65	+19	1.7	+0.4	0.5	0	0	26	03	5	7	4	3	2	1	1	3	0
	1730	298	1013.5	979.4	+1.2	22.4	15.2	8.8	11.3	43	+15	2.7	+1.0	7.7	0	0	29	07	1	2	1	2	4	4	8	0	0
PHALODI	0830	233	1017.3	989.4	+1.3	11.7	8.0	3.0	7.6	58	+ 4	2.0	+0.2	4.6	0	1	20	01	1	2	7	7	2	0	1	8	0
	1730	233	1014.5	987.6	+1.7	23.3	13.1	1.1	9.1	26	-12	2.7	+0.5	11.3	0	3	26	09	4	1	1	0	1	6	7	0	0
JAISALMER	0830	242	1012.9	984.5	-2.3	11.6	9.4	7.2	10.1	75	+19	.	..	3.1	0	1	17	03	6	4	1	2	1	0	1	11	0
	1730	242	1012.8	985.1	+1.1	23.0	16.3	11.1	18.5	48	+ 9	.	..	14.5	0	7	22	05	5	1	1	2	5	5	5	0	0
JODHPUR	0230	224	1015.4	989.0	+5.0	14.5	8.9	0.9	6.5	42	+ 3	1.5	+0.1	11.4	0	1	26	08	15	0	0	0	1	1	2	2	0
	0530	224	1015.2	988.5	..	12.3	8.0	1.6	6.9	51	..	1.9	..	9.9	0	1	25	04	19	0	0	0	2	1	0	3	0
	0830	224	1017.1	990.4	+1.4	12.4	8.3	2.4	7.3	53	+ 9	2.3	+0.4	9.3	0	0	25	04	14	4	1	0	2	0	0	4	0
	1130	224	1016.7	991.0	..	21.7	12.8	2.3	7.2	29	..	2.3	..	11.6	0	2	27	02	7	6	5	3	3	1	2	0	0
	1430	224	1013.8	988.3	..	25.9	14.0	0.2	6.2	21	..	3.0	..	12.6	0	2	27	03	8	2	0	2	5	3	4	0	2
	1730	224	1012.9	987.4	+1.4	25.0	13.5	- 0.2	2.0	61	+41	2.9	+0.6	12.2	0	2	27	08	8	1	0	1	3	4	3	0	1
	2030	224	1014.8	988.4	..	19.4	12.1	3.2	7.7	36	..	2.1	..	8.8	0	0	27	06	8	2	0	0	1	6	4	2	0
	2330	224	1015.7	989.3	..	17.0	10.4	1.7	6.9	39	..	1.8	..	10.7	0	2	24	09	10	2	0	0	1	2	2	3	0
BARMER	0530	194	1014.5	991.5	..	14.0	9.9	5.3	8.9	54	..	1.5	..	3.3	0	0	21	01	0	0	0	0	0	4	16	8	0
	0830	194	1016.1	993.1	+1.0	13.5	9.7	5.3	8.9	59	+ 9	1.4	-0.2	2.1	0	0	18	01	0	0	0	0	0	1	16	11	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY, 1968 (MAGHA 12 - PHALGUN 10, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lst. in gpm. of mean standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
RAJASTHAN WEST (CONTD)																											
BARMER	1130	194	1016.7	994.1	..	21.4	14.5	8.0	10.7	44	..	1.6	..	4.3	0	0	26	03	10	2	1	2	4	1	3	3	0
	1730	194	1012.8	990.7	+1.4	25.1	16.9	9.9	12.2	41	+13	2.2	+0.5	4.6	0	0	23	05	8	0	0	2	4	1	3	6	0
	2330	194	1015.1	992.4	..	18.2	12.7	7.2	10.1	50	..	1.5	..	4.2	0	0	19	00	9	0	0	0	1	3	14	10	0
JAWAI BANDH	0830	295	1016.2	981.5	+1.2	13.1	9.5	5.5	9.0	61	+ 0	2.3	+1.1	1.8	0	0	15	00	2	0	5	3	2	3	0	14	0
	1730	295	1012.5	979.1	+1.3	23.3	14.2	3.1	8.5	31	- 2	2.8	+1.6	2.2	0	0	21	00	1	1	1	2	6	4	6	8	0
RAJASTHAN, EAST																											
PILANI	0830	301	1018.1	982.1	+0.4	9.2	6.9	3.7	8.0	70	+16	2.0	+1.0	8.1	0	0	28	00	1	1	4	5	9	6	2	1	0
	1730	301	1014.0	979.6	+1.0	21.4	12.4	1.1	6.6	29	+ 2	3.2	+1.7	11.4	0	2	27	03	4	1	1	1	1	5	13	0	0
SIKAR	0830	433	1017.3	966.4	+1.3	11.4	8.0	3.3	8.8	60	- 7	1.0	-0.5	0.3	0	0	5	00	0	0	5	0	0	0	0	24	0
	1730	433	1012.3	963.4	-0.1	21.5	11.6	- 1.6	5.3	24	-21	1.2	-0.8	1.0	0	0	14	00	0	0	0	0	0	8	6	15	0
ALWAR	0830	271	1016.4	984.3	+0.8	12.3	10.2	7.6	10.4	76	+ 7	2.0	+0.6	2.2	0	0	9	01	3	0	2	1	0	0	2	20	0
	1730	271	1012.6	977.7	-3.4	21.1	14.5	8.1	10.8	45	+14	2.2	+0.5	2.1	0	0	26	04	7	2	1	0	2	1	9	3	0
JAIPUR (SANGANER)	0230	390	1015.2	969.2	..	11.8	8.2	3.5	7.9	58	..	1.4	..	5.3	0	0	22	11	3	5	1	0	0	0	2	7	0
	0530	390	1015.0	969.0	..	10.5	7.5	4.9	8.7	64	..	1.6	..	4.5	0	0	21	05	4	4	1	0	0	0	7	8	0
	0830	390	1016.6	970.8	+0.7	12.8	9.1	4.6	8.5	59	+10	2.5	+0.8	3.7	0	0	16	03	1	6	2	0	0	0	4	13	0
	1130	390	1016.1	971.4	..	20.1	12.2	2.8	7.5	33	..	1.8	..	7.3	0	0	27	04	1	3	4	4	2	2	7	2	0
	1430	390	1012.9	968.7	..	22.8	12.8	0.6	6.4	24	..	2.6	..	9.1	0	1	27	01	0	2	1	3	5	4	12	1	0
	1730	390	1012.3	968.0	+0.5	22.0	12.5	0.7	6.4	26	- 2	3.0	+0.8	8.0	0	1	25	03	1	0	2	3	1	2	14	3	0
	2030	390	1014.8	969.5	..	15.7	10.1	3.3	7.7	44	..	2.0	..	5.7	0	0	26	11	2	5	1	0	0	1	6	3	0
	2330	390	1015.6	969.9	..	13.6	9.2	3.7	8.0	52	..	1.8	..	6.5	0	0	27	10	4	7	1	0	0	1	4	2	0
DHOLPUR	0830	176	1015.7	995.0	+0.7	13.4	10.1	6.4	9.6	63	+ 0	0.9	-0.7	1.3	0	0	9	00	0	0	0	0	0	6	3	20	0
	1730	176	1012.5	992.2	+0.9	23.1	13.8	4.6	8.5	32	- 9	0.9	-1.5	1.9	0	0	15	04	1	0	0	1	0	5	4	14	0
AJMER	0830	486	1017.4	960.5	+0.9	11.8	8.6	5.0	8.7	64	+11	2.2	+0.5	2.1	0	0	15	02	2	0	2	2	3	1	3	14	0
	1730	486	1012.4	957.7	+0.8	22.2	13.2	4.4	8.4	32	+ 7	2.3	+0.2	8.4	0	2	27	04	1	1	1	1	4	9	8	0	0
TONK	0830	272	1016.1	983.9	+0.3	12.4	9.0	4.9	8.7	61	- 5	2.3	+1.2	6.4	0	0	29	06	1	5	1	1	0	4	11	0	0
	1730	272	1011.1	980.1	+0.1	23.4	13.6	3.1	7.6	26	- 8	2.5	+0.9	1.1	0	0	29	02	2	3	1	0	2	10	9	0	0
BHILWARA	0830	425	1017.0	967.2	..	13.0	8.5	2.4	7.3	50	..	2.8	..	2.8	0	0	19	05	3	0	0	3	2	1	5	10	0
	1730	425	1012.6	965.1	..	21.3	12.3	0.2	6.2	22	..	3.0	..	6.0	0	1	25	03	9	0	2	0	5	1	6	3	0
KOTA	0830	257	1016.5	986.2	+0.7	14.2	10.3	5.8	9.2	57	+ 6	2.2	+0.6	2.9	0	1	20	02	2	2	1	1	2	6	5	8	0
	1730	257	1012.3	983.2	+1.0	24.4	15.0	6.2	9.5	31	+ 6	2.8	+0.9	2.0	0	1	27	15	5	5	0	0	1	0	2	1	0
KOTA AERODROME	0530	274	1014.8	982.5	..	13.8	8.8	2.6	7.4	50	..	1.6	..	5.4	0	0	26	02	0	2	0	2	0	20	0	3	0
	0830	274	1017.2	984.8	..	15.3	9.9	3.1	7.6	45	..	1.9	..	6.2	0	2	19	01	0	2	0	0	1	11	6	8	0
	1130	274	1017.0	985.4	..	21.1	13.0	3.9	8.1	34	..	1.7	..	9.2	0	1	27	07	2	12	1	0	1	2	3	1	0
	1730	274	1012.4	981.3	..	24.1	14.0	2.9	7.5	26	..	2.6	..	1.2	0	3	26	08	6	7	1	0	1	3	3	0	0
	2330	274	1015.4	983.5	..	17.7	11.1	3.2	7.7	39	..	1.3	..	4.7	0	1	21	05	1	8	0	2	0	5	1	7	0
CHAMBAL (RAWAT BHATTA DAM)	0830	351	1016.7	975.7	+0.8	14.2	9.9	5.2	8.8	55	+ 4	2.0	+1.1	0.0	0	0	2	00	0	0	0	0	0	0	0	27	0
	1730	351	1012.2	975.5	+4.0	24.6	14.5	5.2	8.8	28	+ 1	2.7	+1.5	4.0	0	0	26	05	1	0	0	0	8	6	6	3	0
UDAIPUR	0230	582	1015.8	948.4	..	12.6	8.7	4.5	8.4	58	..	1.3	..	0.0	0	0	0	00	0	0	0	0	0	0	0	29	0
	0530	582	1015.7	948.0	..	11.0	7.8	4.1	8.2	62	..	0.9	..	0.4	0	0	3	01	0	0	0	0	0	0	2	26	0
	0830	582	1017.4	949.9	+0.8	13.0	8.6	3.5	7.8	53	- 2	2.0	+0.9	0.8	0	0	6	01	1	0	0	0	0	0	4	23	0
	1130	582	1015.9	950.4	..	21.5	12.3	2.6	7.4	30	..	1.7	..	4.3	0	0	26	03	4	5	4	4	3	1	2	3	0
	1730	582	1011.4	946.8	+0.5	23.8	13.3	2.7	7.4	26	- 3	2.3	+0.8	5.6	0	1	21	00	1	4	4	1	5	6	1	7	0
	2330	582	1016.0	949.1	..	14.6	9.8	4.9	8.7	52	..	1.0	..	0.6	0	0	3	01	0	0	0	0	0	0	2	26	0
JHALAWAR	0830	321	1016.8	979.4	+1.4	15.6	10.0	3.4	7.8	44	- 8	1.2	+0.1	2.1	0	0	15	01	5	0	0	0	0	7	2	14	0
	1730	321	1011.7	975.6	+1.0	25.1	13.9	1.2	6.7	21	- 5	1.7	+0.3	0.3	0	0	21	03	7	0	0	0	1	5	5	8	0
BANSWARA	0830	220	1016.3	990.6	..	17.3	11.9	6.5	9.7	49	..	0.4	..	4.2	0	0	29	06	7	12	2	1	0	1	0	0	0
	1730	220	1011.7	987.0	..	27.5	20.3	15.6	17.6	50	..	0.5	..	4.4	0	0	29	05	1	1	0	0	3	10	9	0	0
DUNGARPUR	0830		..	..	..	16.5	11.8	7.3	10.2	55	..	1.9	..	0.9	0	0	11	00	0	4	1	1	1	2	2	18	0
	1730		..	..	..	26.1	16.7	8.7	11.3	34	..	1.7	..	3.1	0	0	21	00	1	1	4	0	8	4	3	8	0
MADHYA PRADESH, WEST																											
GWALIOR	0230	207	1015.0	990.3	..	11.4	9.2	6.8	9.9	73	..	1.4	..	2.4	0	0	11	04	0	1	0	3	0	0	3	18	0
	0530	207	1014.9	990.1	..	10.5	8.5	6.3	9.5	76	..	1.5	..	2.5	0	0	12	03	1	1	1	2	0	0	4	17	0
	0830	207	1016.6	992.1	+0.9	14.3	10.5	6.6	9.7	61	+ 8	2.5	+0.6	4.7	0	0	21	01	0	0	1	7	1	0	11	8	0
	1130	207	1016.4	992.5	..	21.0	13.7	6.6	9.8	40	..	2.3	..	8.3	0	0	28	09	5	1	1	3	0	0	9	1	0
	1430	207	1013.4	989.7	..	23.6	14.6	8.8	9.3	33	..	2.3	..	8.3	0	0	29	04	4	2	0	2	0	5	12	0	0
	1730	207	1012.8	989.1	+1.0	22.5	14.2	6.2	9.5	35	+ 7	2.9	+0.7	7.4	0	0	29	12	7	0	0	1	0	0	9	0	0
	2030	207	1014.8	990.6	..	16.1	12.0	8.0	10.7	59	..	1.7	..	2.3	0	0	11	09	0	1	0	1	0	0	0	18	0
	2330	207	1015.6	991.1	..	13.0	10.2	7.3	10.2	69	..	1.3	..	1.4	0	0	8	02	0	1	0	2	0	3	0	21	0
SHEOPUR	0830	235	1016.9	988.9	+1.2	12.2	9.1	5.5	9.0	65	+ 7	2.2	+0.2	3.7	0	0	21	09	1	0	1	9	0	1	0	8	0
	1730	235	1012.5	985.8	+1.9	24.4	13.5	0.8	6.7	22	- 2	2.7	+0.5	9.3	0	1	28	12	4	0	0	0	2	5	6	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — FEBRUARY ,1968(MAGHA 12 - PHALGUN 10,1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH. WEST(CONTD)																											
SHIVPURI	0830	464	1016.7	962.7	..	14.0	9.4	4.6	8.5	54	..	2.0	..	3.5	0	0	20	08	4	1	3	1	0	2	1	9	0
	1730	464	1012.0	959.9	..	23.2	13.2	3.5	7.9	28	..	1.9	..	4.7	0	0	26	03	8	0	0	0	2	4	9	3	0
NOWGONG	0830	229	1017.0	989.8	+0.9	12.6	10.4	8.1	10.9	75	+ 5	2.1	+0.3	1.4	0	0	17	02	2	0	0	5	8	0	0	12	0
	1730	229	1012.5	986.6	+1.1	24.2	15.2	6.9	10.0	33	+ 5	2.0	-0.1	4.3	0	0	24	02	6	0	1	1	0	0	14	5	0
GUNA	0530	478	1015.6	959.4	..	10.5	7.2	3.2	7.7	63	..	0.7	..	4.8	0	0	22	02	4	3	11	0	0	1	1	7	0
	0830	478	1016.6	961.2	+0.6	15.5	10.3	5.0	8.8	50	- 8	2.0	+0.3	4.3	0	0	26	06	3	10	2	2	1	2	0	3	0
	1130	478	1015.6	961.7	..	22.6	13.7	5.7	9.2	34	..	1.6	..	7.2	0	0	29	02	4	5	3	0	1	4	10	0	0
	1430	478	1012.0	958.8	..	25.7	14.8	4.9	8.9	27	..	1.7	..	8.0	0	0	29	04	1	1	4	2	5	7	5	0	0
	1730	478	1011.4	958.0	+0.5	24.4	14.0	4.3	8.4	28	+ 1	1.8	+0.1	7.2	0	0	29	06	2	0	0	2	1	7	11	0	0
	2330	478	1015.8	960.4	..	14.8	9.7	4.4	8.4	50	..	0.9	..	4.1	0	0	22	08	2	3	7	0	0	0	2	7	0
NIMACH	0830	496	1017.5	960.1	+1.0	14.7	8.6	1.1	6.8	40	- 3	2.4	+0.7	3.4	0	0	23	02	18	1	1	0	0	1	0	6	0
	1730	496	1011.8	956.5	+0.4	24.6	12.8	0.3	6.2	20	- 3	2.1	-0.1	7.9	0	1	22	00	3	3	0	0	3	4	0	6	10
RAJGARH	0830	382	1016.6	971.7	+0.5	12.9	9.8	6.5	9.8	66	+18	2.4	+1.4	2.5	0	0	19	02	1	3	7	2	1	1	2	10	0
	1730	382	1011.1	968.5	+0.6	26.3	16.6	6.8	11.0	32	+14	1.2	+0.1	5.8	0	0	27	11	2	1	0	1	1	10	1	2	0
SAGAR	0830	551	1016.0	952.9	+0.9	16.8	13.0	10.0	12.2	65	+19	2.1	+0.7	5.4	0	0	29	00	3	3	0	0	6	12	5	0	0
	1730	551	1010.5	949.8	+0.7	26.7	21.2	18.3	21.0	60	+34	1.5	-0.5	7.5	0	0	29	00	8	8	0	0	1	2	10	0	0
RATLAM	0830	486	1016.4	960.2	+1.0	15.6	11.2	7.0	10.1	57	+ 8	2.3	+0.7	10.3	0	5	22	02	10	9	1	2	2	1	0	2	0
	1730	486	1010.7	956.8	+0.5	26.1	17.5	11.2	13.7	41	+12	1.9	-0.2	8.0	0	1	28	01	8	7	0	0	2	7	4	0	0
BHOPAL(BAIRAGARH)	0230	523	1014.3	954.2	..	14.4	9.3	3.5	8.1	49	..	1.1	..	6.9	0	0	27	07	7	5	2	1	0	2	3	2	0
	0530	523	1014.5	953.8	..	12.9	8.4	3.1	7.7	53	..	0.8	..	6.7	0	0	25	07	9	1	3	0	1	2	2	4	0
	0830	523	1016.2	956.0	+0.4	16.1	10.3	3.7	8.4	45	- 2	2.1	+0.7	9.1	0	1	25	04	8	6	3	2	0	1	2	3	0
	1130	523	1015.1	956.3	..	22.8	13.3	3.9	8.4	31	..	1.8	..	10.0	0	1	27	04	8	4	3	2	2	2	3	1	0
	1430	523	1011.4	953.4	..	25.9	14.5	3.7	8.2	25	..	2.3	..	10.8	0	3	24	05	3	3	2	1	5	3	5	2	0
	1730	523	1010.9	952.8	+0.7	25.1	14.1	3.5	8.1	25	+ 2	1.9	+0.1	10.1	0	0	29	04	4	2	2	1	4	6	6	0	0
	2030	523	1013.8	954.5	..	19.5	11.9	4.1	8.4	37	..	1.4	..	6.0	0	0	25	08	5	3	1	0	1	4	3	4	0
	2330	523	1014.8	954.9	..	17.0	10.6	3.7	8.2	43	..	1.4	..	6.2	0	0	22	06	4	4	1	1	2	2	2	7	0
UJJAIN	0830	489	1017.1	959.8	..	12.0	8.6	4.9	8.7	63	..	2.8	..	1.9	0	0	8	01	3	2	1	0	0	0	1	21	0
	1730	489	1010.8	956.5	..	26.0	15.0	5.3	9.1	27	..	2.3	..	8.5	0	4	17	03	2	1	1	0	1	7	6	8	0
NARSINGHPUR	0830	356	1016.5	975.0	..	15.2	11.8	8.4	11.1	64	..	2.4	..	2.6	0	0	20	02	12	1	2	1	0	2	0	9	0
	1730	356	1010.8	971.0	..	26.3	16.7	8.7	11.2	33	..	1.7	..	1.6	0	0	21	00	8	0	0	0	9	1	3	8	0
HOSHANGABAD	0830	302	1016.8	981.5	+1.4	16.5	11.2	5.2	9.0	46	- 5	1.0	-0.6	1.7	0	0	25	00	0	0	0	0	25	0	0	4	0
	1730	302	1011.0	977.2	+1.0	27.4	16.1	4.7	9.1	25	+ 0	0.9	-1.0	2.0	0	0	29	01	3	0	8	1	15	0	1	0	0
INDORE	0530	567	1014.7	948.9	..	12.0	7.7	2.9	7.4	55	..	0.8	..	7.1	0	0	26	00	12	3	0	1	4	5	1	3	0
	0830	567	1016.3	951.0	+0.9	15.0	9.6	3.5	8.1	47	+ 0	1.8	+0.6	6.0	0	0	22	02	8	4	0	1	4	3	0	7	0
	1130	567	1014.8	951.4	..	23.4	13.7	4.5	8.7	31	..	1.2	..	10.5	0	0	27	00	8	4	1	4	2	4	3	2	1
	1730	567	1010.4	947.7	+0.7	25.6	14.3	3.3	8.1	25	+ 6	1.5	-0.2	11.2	0	5	23	05	8	1	0	1	3	7	3	1	0
	2330	567	1015.0	950.1	..	16.2	10.0	3.2	7.8	43	..	1.3	..	7.4	0	0	25	02	7	3	0	4	1	5	3	4	0
RAJPUR(JHABUA)	0830	293	1016.5	[illegible].4	+1.2	16.7	11.0	4.2	8.5	46	- 9	1.4	+0.5	3.8	0	0	23	00	0	18	0	0	0	5	0	6	0
	1730	293	1011.1	978.4	+0.6	28.3	15.8	2.6	7.9	20	- 1	1.4	+0.4	5.2	0	0	29	00	0	0	0	0	0	29	0	0	0
CHHINDWARA	0830	685	1015.7	937.9	+0.5	16.1	12.1	8.3	11.2	62	+10	1.9	+0.6	5.0	0	0	29	12	1	7	0	0	0	9	0	0	0
	1730	685	1009.7	934.6	+0.5	25.4	15.7	7.6	10.8	35	+10	2.5	+0.5	5.0	0	0	28	00	4	0	0	3	7	2	12	1	0
SEONI	0830	619	1015.9	945.4	+0.8	16.4	12.1	7.9	11.0	59	+ 5	1.8	+0.1	3.8	0	0	22	05	8	0	0	1	5	2	1	7	0
	1730	619	1010.5	942.2	+0.6	24.8	15.9	8.6	11.3	38	+ 4	2.5	+0.3	6.8	0	1	28	04	6	4	3	5	5	1	1	0	0
BETUL	0830	653	1015.7	941.7	+0.8	17.9	12.6	7.6	10.7	52	+ 6	2.0	+0.6	3.0	0	0	24	01	6	6	7	1	0	2	1	5	0
	1730	653	1009.7	938.0	+0.4	25.7	15.3	6.3	9.8	30	+ 7	2.2	+0.3	6.9	0	0	29	05	8	1	4	0	1	4	6	0	0
KHANDWA	0830	318	1015.6	978.5	+0.7	15.2	11.3	6.9	10.2	59	+15	1.2	+0.1	2.3	0	0	20	02	6	1	4	1	1	2	3	9	0
	1730	318	1009.6	974.2	+0.3	28.7	17.9	8.8	11.7	36	+13	2.0	+0.4	3.4	0	0	28	06	9	2	1	1	1	0	8	1	0
MADHYA PRADESH,EAST																											
SATNA	0530	317	1014.7	977.2	..	11.4	9.9	8.2	10.9	81	..	0.7	..	1.0	0	0	7	00	1	1	0	2	1	1	1	22	0
	0830	317	1016.5	979.3	+1.0	14.3	11.5	8.6	11.3	69	+ 5	1.9	+0.2	1.3	0	0	15	00	0	2	0	6	0	7	0	14	0
	1130	317	1015.8	979.5	..	21.4	14.0	6.5	10.1	40	..	1.5	..	3.9	0	1	23	00	1	6	2	2	0	9	4	5	0
	1430	317	1012.5	976.7	..	24.4	15.0	5.6	9.5	31	..	1.5	..	4.3	0	0	23	01	0	2	2	2	0	11	5	6	0
	1730	317	1011.9	976.0	+0.9	23.2	15.1	7.6	10.7	38	+ 2	1.6	-0.3	2.4	0	0	20	01	0	4	0	2	0	9	4	9	0
	2330	317	1015.3	978.2	..	15.0	11.9	8.9	11.4	68	..	0.6	..	1.0	0	0	11	00	0	3	1	1	1	5	0	18	0
REWA	0830	299	1016.0	980.9	..	15.0	11.8	8.5	11.2	66	..	1.8	..	1.4	0	0	13	00	0	1	0	4	5	3	0	16	0
	1730	299	1011.5	977.7	..	23.6	14.9	6.7	9.9	36	..	1.9	..	2.6	0	0	22	02	2	0	1	0	1	9	7	7	0
SIDHI	0830	272	1015.2	983.3	+0.0	14.8	12.2	9.8	12.1	73	+ 7	0.6	-0.4	0.8	0	0	11	01	0	2	0	8	0	0	0	18	0
	1730	272	1011.6	980.8	+0.9	23.4	16.5	11.5	13.2	48	+12	0.8	-0.1	0.4	0	0	6	00	0	3	1	1	0	0	1	23	0
UMARIA	0830	459	1016.7	963.3	-0.3	14.1	11.4	9.1	11.5	72	+ 9	2.0	+0.2	1.5	0	0	19	03	3	7	2	2	2	0	0	10	0
	1730	459	1011.5	960.0	-0.4	23.7	16.6	11.3	13.7	46	+11	2.0	+0.0	2.7	0	0	28	04	0	2	0	1	0	11	9	1	1

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — FEBRUARY ,1968(MAGHA 12 - PHALGUN 10,1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or lt. in gpm. of nearest standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry bulb	Mean temperature in °C: Wet bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	Wind Speed (Km. p. h.): 62 or more	Wind Speed (Km. p. h.): 20 to 61	Wind Speed (Km. p. h.): 1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH,EAST (CONTD.)																											
JABALPUR	0530	393	1014.5	968.5	..	12.5	11.0	9.5	11.9	82	..	1.1	..	0.4	0	0	4	00	0	1	1	2	0	0	0	25	0
	0830	393	1016.4	970.9	+1.0	15.9	12.5	9.4	11.7	66	+ 2	2.3	+0.6	1.4	0	0	12	01	1	2	5	2	1	0	0	17	0
	1130	393	1015.3	970.9	..	23.2	15.5	8.4	11.4	40	..	1.8	..	4.8	0	0	25	06	7	1	1	2	1	5	2	4	0
	1430	393	1011.8	967.9	..	25.7	16.4	8.0	11.1	34	..	2.0	..	4.9	0	0	26	04	4	1	0	2	1	5	9	3	0
	1730	393	1011.2	967.2	-0.2	24.8	16.1	8.4	11.2	36	+ 4	2.4	+0.6	2.8	0	0	20	06	3	1	1	0	1	5	3	9	0
	2030	393	1013.9	969.0	..	19.3	14.6	10.6	12.9	58	..	0.6	..	1.4	0	0	10	02	2	0	3	0	2	1	0	19	0
	2330	393	1015.0	969.6	..	16.6	13.2	10.1	12.4	66	..	0.9	..	1.2	0	0	8	01	4	1	2	0	0	0	0	21	0
AMBIKAPUR	0830	611	1016.2	946.3	+0.5	15.4	12.3	9.7	12.0	69	+ 4	1.6	+0.5	2.0	0	0	13	04	1	2	2	2	2	0	0	16	0
	1730	611	1010.6	942.9	+0.2	23.7	15.1	7.9	10.9	38	+ 5	2.2	+1.0	8.5	0	0	29	10	3	0	0	1	1	6	8	0	0
JASHPURNAGAR	0830	779	1015.6	927.8	..	16.5	11.8	7.1	10.4	56	..	1.4	..	1.3	0	0	14	00	3	0	0	0	1	0	10	15	0
	1730	779	1010.1	924.6	..	22.7	14.5	7.2	10.5	40	..	1.8	..	2.1	0	0	26	00	1	0	1	0	9	9	6	3	0
PENDRA	0530	625	1014.5	942.8	..	13.9	10.4	6.5	10.1	63	..	1.2	..	2.5	0	0	16	07	1	0	0	1	3	0	4	13	0
	0830	625	1016.0	945.0	+0.6	17.1	12.1	7.5	10.5	55	+ 0	1.7	+0.7	5.8	0	1	21	13	1	0	0	6	2	0	0	7	0
	1130	625	1014.6	944.9	..	22.1	14.5	7.8	10.9	42	..	1.5	..	11.2	0	5	23	13	1	1	1	7	2	1	2	1	0
	1430	625	1011.1	942.1	..	24.2	15.6	8.4	11.5	39	..	2.1	..	9.8	0	3	24	10	0	0	1	5	1	2	8	2	0
	1730	625	1011.3	941.9	+0.5	22.6	15.0	8.6	11.6	43	+ 5	1.9	-0.5	7.0	0	0	26	12	1	0	0	6	3	0	4	3	0
	2330	625	1015.0	944.0	..	16.5	12.2	8.0	11.1	59	..	1.3	..	3.1	0	0	19	07	1	0	0	2	2	2	5	10	0
MANDLA	0830	443	1016.5	965.2	+0.7	14.3	12.8	10.8	13.2	77	+ 3	1.6	+0.0	0.0	0	0	0	00	0	0	0	0	0	0	0	29	0
	1730	443	1010.8	961.4	+0.8	24.6	16.8	10.4	12.8	44	+14	1.4	-0.6	1.9	0	0	12	06	0	0	0	0	0	0	6	17	0
CHAMPA	0830	245	1015.6	987.1	+0.6	17.8	14.3	11.1	13.5	66	+11	1.2	-0.2	2.7	0	0	22	12	2	1	1	0	0	0	6	7	0
	1730	245	1010.8	983.4	+0.8	27.3	17.9	10.5	12.9	37	+11	2.0	+0.2	5.2	0	1	26	09	1	1	0	1	1	7	7	2	0
RAIGARH	0830	220	1015.7	990.1	+1.0	19.7	15.0	10.8	13.2	58	+ 5	1.7	+0.4	3.5	0	0	29	03	24	1	1	0	0	0	0	0	0
	1730	220	1010.6	985.8	+0.7	27.0	18.0	10.7	13.3	37	+ 9	1.2	-0.1	3.2	0	0	27	06	5	0	1	0	3	7	5	2	0
RAIPUR	0530	298	1013.3	978.8	..	17.2	14.3	11.8	13.9	71	..	1.5	..	1.0	0	0	6	01	1	1	0	1	0	1	1	23	0
	0830	298	1015.5	981.2	+0.9	20.7	15.3	10.4	13.0	54	- 1	1.5	-0.2	4.3	0	0	25	02	5	6	6	2	1	0	3	4	0
	1130	298	1014.8	981.2	..	26.3	17.5	9.9	12.9	38	..	1.6	..	5.0	0	0	27	03	7	6	4	1	2	2	2	2	0
	1430	298	1011.2	978.0	..	29.1	18.7	10.3	13.2	33	..	2.2	..	5.9	0	0	28	06	0	2	0	3	1	11	5	1	0
	1730	298	1010.6	977.3	+0.5	28.0	18.3	10.6	13.2	36	+ 5	2.3	+0.9	4.0	0	0	25	02	1	1	0	1	2	10	8	4	0
	2030	298	1013.0	979.3	..	23.2	17.0	12.1	14.4	51	..	1.3	..	2.7	0	0	13	00	2	2	0	3	2	3	1	16	0
	2330	298	1013.7	979.6	..	21.3	16.1	11.7	14.1	56	..	1.1	..	3.2	0	0	20	02	4	1	0	5	3	0	5	9	0
KANKER	0830	402	1015.2	969.3	+0.4	19.2	16.1	13.8	15.8	72	+ 5	1.4	-0.5	0.2	0	0	3	00	0	0	2	0	1	0	0	26	0
	1730	402	1009.8	965.5	+0.1	28.3	19.3	12.9	15.1	40	+ 4	1.7	-0.3	3.2	0	0	21	00	1	1	0	0	2	12	5	8	0
JAGDALPUR	0530	553	1013.1	950.3	..	17.3	15.3	13.8	15.9	80	..	1.1	..	0.5	0	0	5	01	0	0	0	0	2	1	1	24	0
	0830	553	1014.9	952.7	+0.6	20.6	16.7	14.1	16.2	67	+ 1	1.3	-0.2	2.0	0	0	10	00	2	0	0	3	2	1	2	19	0
	1130	553	1013.1	952.4	..	27.3	18.2	12.3	14.3	40	..	1.2	..	7.5	0	2	25	02	1	1	2	6	10	3	2	2	0
	1430	553	1009.3	949.3	..	29.8	18.8	11.4	13.7	33	..	2.9	..	7.8	0	0	24	01	1	0	1	9	5	5	2	5	0
	1730	553	1009.5	949.1	+0.6	27.6	18.5	12.5	14.7	40	+ 4	3.5	+1.4	8.4	0	2	26	02	1	1	1	10	7	3	3	1	0
	2030	553	1012.5	951.0	..	23.4	17.7	14.1	16.1	57	..	1.5	..	0.9	0	0	4	00	1	0	0	2	1	0	0	25	0
	2330	553	1013.5	951.4	..	20.8	17.1	14.7	16.8	68	..	1.3	..	1.8	0	0	8	01	1	3	1	0	2	0	0	21	0
GUJARAT REGION(INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																											
DEESA	0830	136	1017.2	1000.9	+2.3	15.6	10.8	3.8	8.2	51	+ 2	.	..	7.7	0	1	27	00	24	0	1	0	2	0	0	1	1
	1730	136	1013.2	997.6	+2.1	26.4	14.2	- 0.8	6.5	19	- 2	.	..	7.5	0	0	28	00	5	0	2	0	5	1	15	0	0
RADHANPUR	0830	30	1016.2	1012.6	+1.1	15.2	11.7	7.6	10.4	64	- 2	0.2	-0.4	2.0	0	0	26	09	8	4	1	1	2	0	1	3	0
	1730	30	1012.7	1009.3	+0.6	26.8	17.4	9.3	11.7	36	- 5	0.1	-0.4	2.2	0	0	29	08	1	5	1	1	2	8	3	0	0
IDAR	0830	219	1015.8	990.3	+0.7	18.2	10.6	- 0.4	5.9	33	- 4	1.5	+0.6	8.9	0	5	17	13	6	2	0	0	0	1	0	7	0
	1730	219	1011.9	987.2	+0.8	26.5	14.2	- 0.4	5.9	19	- 4	2.0	+1.2	4.2	0	0	27	01	0	1	3	0	4	11	7	2	0
AHMADABAD	0230	55	1013.8	1007.4	..	16.3	11.3	5.7	9.1	51	..	1.0	..	8.1	0	0	24	06	6	1	0	0	0	4	7	5	0
	0530	55	1013.8	1007.2	..	14.8	10.2	5.1	8.8	53	..	0.9	..	7.4	0	0	21	03	8	4	0	0	0	1	5	8	0
	0830	55	1015.7	1009.2	+1.1	16.5	11.0	4.7	8.5	47	- 5	1.8	+0.5	7.7	0	0	21	02	8	4	2	0	1	1	3	8	0
	1130	55	1016.3	1009.9	..	24.9	15.1	5.2	8.8	30	..	1.6	..	17.9	0	11	17	02	3	15	1	0	1	1	5	1	0
	1430	55	1013.3	1007.1	..	28.0	16.3	4.5	8.4	24	..	1.4	..	12.9	0	1	28	00	6	5	4	2	2	3	7	0	0
	1730	55	1012.1	1005.9	+1.2	27.9	16.2	4.8	8.6	24	+ 0	1.8	+0.5	13.6	0	2	27	05	4	2	1	1	2	6	8	0	0
	2030	55	1013.5	1007.2	..	22.2	14.3	6.5	9.7	37	..	1.4	..	7.1	0	0	23	04	2	1	1	0	1	3	11	6	0
	2330	55	1014.5	1008.0	..	18.7	12.6	6.0	9.3	45	..	1.2	..	6.1	0	0	20	08	1	0	0	0	3	1	7	9	0
DOHAD	0830	333	1016.1	977.4	+0.5	16.1	11.7	7.2	10.1	56	+ 8	1.6	+0.5	6.8	0	0	29	03	4	9	2	6	2	3	0	0	0
	1730	333	1010.9	973.8	+0.5	27.2	18.4	11.5	6.8	40	+21	1.6	+0.9	12.8	0	6	23	08	3	4	0	1	3	7	3	0	0
VALLABH VIDYANAGAR	0830	44	1015.5	1010.3	..	14.1	11.4	8.6	11.2	70	..	1.0	..	6.3	0	0	28	05	11	1	2	0	1	1	7	1	0
	1730	44	1011.8	1006.9	..	27.7	18.8	12.2	14.2	39	..	1.0	..	8.7	0	2	27	04	9	0	0	0	2	3	11	0	0
BARODA AERODROME	0830	38	1015.7	1011.2	+1.4	17.0	13.6	10.6	12.8	66	+19	1.8	+0.9	7.8	0	0	22	08	8	0	0	2	1	1	2	7	0
	1130	38	1016.0	1011.6	..	25.8	19.5	15.1	17.1	53	..	1.4	..	10.7	0	7	19	04	9	4	1	1	1	4	2	3	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS— FEBRUARY ,1968(MAGHA 12 - PHALGUN 10,1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
GUJARAT REGION(INCLUDING DAMAN DADRA AND NAGAR HAVELI(CONTD.)																											
BARODA AERODROME	1730	38	1011.6	1007.4	+1.3	28.8	20.9	15.7	17.8	47	+27	1.7	+0.7	12.3	0	2	27	05	3	0	0	1	1	6	13	0	0
BARODA	0530	34	1013.6	1009.4	..	15.4	11.8	7.8	10.6	62	..	0.4	..	1.7	0	0	17	02	9	0	0	0	3	0	3	12	0
	0830	34	1015.6	1011.5	+1.0	15.7	11.8	7.7	10.5	60	- 2	1.1	+0.2	2.1	0	0	20	03	12	0	0	0	3	0	2	9	0
	1130	34	1016.1	1012.1	..	26.4	17.0	8.6	11.2	34	..	1.0	..	3.4	0	0	26	01	15	2	1	1	2	0	4	3	0
	1730	34	1011.6	1007.7	+1.2	29.8	18.6	9.2	11.6	29	+ 1	1.0	-0.1	3.3	0	0	24	00	3	0	0	0	3	1	17	5	0
	2330	34	1014.3	1010.2	..	20.5	14.6	9.1	11.5	50	..	0.4	..	2.3	0	0	18	01	5	0	0	0	2	0	10	11	0
BROACH	0830		..	..	..	..	..	..	..	..	..	0.4	-0.5	5.9	0	0	29	02	14	2	0	0	4	1	6	0	0
	1730		..	..	..	..	..	..	..	..	..	0.6	-0.1	5.9	0	0	29	00	12	2	0	0	5	6	4	0	0
SURAT	0530	12	1013.3	1011.9	..	16.2	12.9	9.4	11.8	66	..	0.2	..	5.9	0	0	28	00	19	0	5	0	0	0	4	1	0
	0830	12	1015.5	1014.1	+1.2	16.8	13.3	9.8	12.1	62	+ 0	1.4	+0.1	5.0	0	0	24	00	19	0	2	1	1	0	1	5	0
	1130	12	1016.1	1014.7	..	25.9	16.7	8.6	11.2	35	..	0.7	..	11.1	0	4	25	00	16	0	5	0	0	0	8	0	0
	1730	12	1011.7	1010.4	+1.3	28.7	18.1	9.3	11.7	31	- 4	0.9	-0.3	11.6	0	3	26	00	4	0	0	0	5	0	20	0	0
	2330	12	1014.6	1013.2	..	20.0	15.4	11.3	13.4	60	..	0.4	..	8.1	0	0	29	00	10	0	4	0	2	0	13	0	0
SAURASHTRA AND KUTCH(INCLUDING DIU)																											
NALIYA	0830	21	1015.9	1013.3	+0.4	13.0	11.2	9.1	11.5	77	+ 4	2.2	+0.8	4.5	0	0	23	04	12	3	1	0	0	1	2	6	0
	1730	21	1013.2	1010.7	+0.8	25.2	16.3	7.8	10.6	36	+ 4	1.8	+1.1	8.8	0	0	29	05	5	0	0	0	10	6	3	0	0
BHUJ (RUDRAMATA	0230	80	1014.7	1005.2	..	16.0	12.1	7.6	10.4	61	..	1.9	..	4.3	0	1	9	03	1	0	0	0	0	4	2	19	0
	0530	80	1014.3	1004.8	..	14.7	11.9	8.2	10.9	69	..	1.6	..	2.4	0	0	7	04	0	0	0	0	1	2	0	22	0
	0830	80	1016.2	1006.6	+1.2	15.4	12.5	8.6	11.2	69	+17	1.9	+0.8	2.4	0	0	6	01	1	0	0	0	1	0	3	23	0
	1130	80	1016.8	1007.5	..	22.5	14.7	5.8	9.2	39	..	1.8	..	18.8	0	15	13	04	11	5	2	0	1	1	4	1	0
	1430	80	1014.0	1004.9	..	25.9	15.3	3.7	8.0	27	..	1.9	..	17.3	0	10	18	03	10	2	1	2	1	3	6	1	0
	1730	80	1012.9	1003.7	+1.4	25.9	15.1	3.1	7.6	25	+ 8	2.0	+0.9	17.0	0	10	17	11	9	1	1	0	1	2	2	2	0
	2030	80	1014.6	1005.3	..	21.3	13.6	5.2	8.8	37	..	1.0	..	8.3	0	1	16	06	3	0	1	0	0	3	4	12	0
	2330	80	1015.4	1005.9	..	17.8	12.8	7.4	10.3	53	..	1.7	..	5.2	0	1	12	02	1	1	1	0	1	5	2	16	0
KANDLA AERODROME	0830	35	1016.5	1012.3	..	16.8	11.8	5.6	9.1	51	..	1.7	..	12.9	0	6	22	14	0	1	0	2	1	1	9	1	0
	1130	35	1017.0	1013.0	..	24.3	14.8	4.5	8.4	31	..	1.4	..	19.6	0	14	14	08	8	3	1	1	1	4	2	1	0
	1730	35	1013.1	1009.1	..	26.4	15.4	2.8	7.5	25	..	1.7	..	18.6	0	14	14	10	5	1	0	1	4	1	6	1	0
NEW KANDLA	0830	14	1016.5	1014.8	+0.8	16.7	12.5	7.9	10.7	58	- 2	3.0	+1.8	10.8	0	1	28	14	7	0	0	1	2	2	3	0	0
	1730	14	1013.5	1011.8	+0.9	25.1	16.2	8.1	10.8	36	+ 0	2.5	+1.8	15.0	0	9	20	07	8	2	2	1	5	4	0	0	0
MANDVI	0830	9	1016.5	1015.4	+1.5	16.0	12.5	8.7	11.2	63	- 6	2.9	+1.9	9.2	0	0	25	07	8	1	0	0	0	3	6	4	0
	1730	9	1013.7	1012.6	+1.6	22.9	17.7	13.3	15.3	59	-12	2.7	+2.1	18.0	0	10	19	00	5	0	1	3	5	15	0	0	0
SURENDRANAGAR	0830	74	1016.2	1007.4	+1.7	17.7	12.6	7.3	10.2	52	- 2	2.0	+0.8	9.5	0	2	25	08	5	2	0	0	1	5	6	2	0
	1730	74	1012.1	1003.6	+1.3	28.2	17.8	9.3	11.7	31	+ 8	2.4	+0.4	10.7c	0	3	22	07	3	1	0	2	1	4	7	3	0
OKHA	0530	7	1014.6	1013.8	..	19.8	16.9	14.7	16.7	73	..	0.8	..	23.3	0	21	8	10	7	1	0	0	1	4	6	0	0
	0830	7	1016.4	1015.6	..	19.9	16.7	14.1	16.1	70	..	2.1	..	20.8	0	17	12	10	7	4	1	0	0	3	4	0	0
	1130	7	1017.5	1016.7	..	21.6	17.0	13.3	15.3	61	..	1.6	..	18.1	0	10	19	08	6	9	0	0	1	1	4	0	0
	1730	7	1014.1	1013.3	..	22.4	17.7	14.1	16.1	61	..	1.4	..	16.9	0	10	19	02	2	3	2	0	1	3	16	0	0
	2330	7	1016.0	1015.2	..	20.6	17.6	15.4	17.5	73	..	0.7	..	19.3	0	14	15	06	3	0	0	1	2	3	14	0	0
JAMNAGAR AERODROME	0530	23	1014.3	1011.6	..	14.0	11.8	9.6	11.9	76	..	1.2	..	4.2	0	0	10	02	1	0	0	0	1	4	2	19	0
	0830	23	1016.2	1013.5	+1.1	15.6	12.6	9.4	11.8	68	+ 8	2.0	+0.4	3.4	0	0	10	02	4	2	0	2	0	0	0	19	0
	1130	23	1016.9	1014.3	..	22.6	15.6	9.0	11.5	45	..	1.6	..	18.2	0	12	16	03	17	2	0	1	0	2	3	1	0
	1730	23	1012.9	1010.3	+1.2	24.6	16.3	8.6	11.2	38	+ 6	1.6	+0.6	21.0c	0	19	9	08	9	2	0	0	0	4	5	0	0
	2330	23	1015.5	1012.8	..	18.4	15.5	13.1	15.1	72	..	1.0	..	6.9	0	1	18	05	3	0	0	0	0	3	8	10	0
DWARKA	0830	11	1017.3	1016.0	+2.4	19.0	16.2	14.0	16.0	75	+ 3	2.1	+0.3	12.1	0	2	27	09	9	3	0	0	0	3	4	0	1
	1730	11	1015.2	1013.9	+2.7	23.3	18.3	14.1	16.1	61	+ 3	1.6	+0.3	16.8	0	8	21	03	4	2	0	0	1	2	7	0	10
RAJKOT	0530	138	1014.2	997.9	..	13.4	9.3	3.5	7.9	54	..	0.3	..	10.3	0	2	25	03	5	2	0	3	1	5	8	2	0
	0830	138	1016.1	999.8	+1.3	15.6	10.7	3.7	8.0	49	- 8	1.0	-0.4	7.9	0	2	19	05	7	1	0	2	1	1	4	8	0
	1130	138	1016.1	1000.3	..	24.4	14.9	4.8	8.6	31	..	0.9	..	21.4	0	23	6	07	12	1	0	1	1	0	7	0	0
	1430	138	1012.9	997.4	..	27.3	15.8	4.0	8.1	24	..	0.6	..	20.3	0	19	10	05	9	1	0	1	2	1	9	0	1
	1730	138	1012.0	996.4	+0.9	27.4	15.8	3.9	8.1	24	+ 5	1.0	-0.3	20.8	0	19	9	05	8	0	0	0	1	2	11	1	1
BHAUNAGAR AERODROME	0830	11	1015.8	1014.6	+1.0	16.4	12.0	7.4	10.3	56	+12	1.4	+0.3	12.3	0	3	25	01	0	0	2	1	0	6	18	1	0
	1130	11	1016.4	1015.2	..	24.4	16.7	10.4	12.6	42	..	1.1	..	17.1	0	12	16	06	14	2	0	1	0	0	5	1	0
	1730	11	1012.0	1010.8	+1.1	27.9	18.1	10.2	12.4	34	+13	1.4	+0.2	19.1	0	12	17	02	13	7	3	4	0	0	0	0	0
PORBANDER AERODROME	0830	7	1016.0	1015.2	+1.6	17.9	13.1	7.2	10.1	55	-15	2.2	+1.1	6.5	0	0	21	03	7	1	0	0	0	0	10	8	0
	1130	7	1016.5	1015.7	..	25.6	16.0	5.4	9.0	33	..	1.7	..	18.7	0	15	14	04	14	1	0	1	3	1	5	0	0
	1730	7	1012.9	1012.1	+1.4	26.1	16.5	6.5	9.7	35	-20	1.3	+0.3	22.4	0	22	7	06	4	0	0	1	4	13	1	0	0
KESHOD	0830	51	1015.5	1009.7	+0.5	17.0	11.9	5.7	9.1	50	- 2	1.5	+0.7	11.2	0	1	28	13	11	2	1	2	0	0	0	0	0
	1130	51	1016.1	1010.2	..	24.8	15.0	3.7	8.0	30	..	1.5	..	19.4	0	14	15	13	7	2	0	0	2	2	3	0	0
	1730	51	1012.2	1006.3	+0.6	28.0	16.5	4.3	8.3	26	+ 4	1.2	+0.7	19.0	0	13	16	10	2	1	0	1	3	8	4	0	0
MAHUVA	0830	9	1014.7	1013.6	..	17.0	12.5	7.7	10.5	57	..	3.4	..	4.3	0	0	24	16	3	1	0	0	0	0	4	5	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — FEBRUARY ,1968 (MAGHA 12 - PHALGUN 10,1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry bulb	Mean temperature in °C: Wet bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	Wind Speed (Km. p. h.): 62 or more	Wind Speed (Km. p. h.): 20 to 61	Wind Speed (Km. p. h.): 1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SAURASHTRA AND KUTCH(INCLUDING DIU																											
MAUVA	1730	9	1011.5	1010.5	..	27.3	19.0	12.4	14.4	44	..	2.7	..	5.3	0	0	29	02	5	4	5	8	4	0	1	0	0
VERAVAL	0230	8	1014.1	1013.2	..	17.3	12.9	7.8	10.6	58	..	0.6	..	12.3	0	3	23	14	10	0	0	0	0	1	1	3	0
	0530	8	1013.5	1012.6	..	15.9	11.8	6.7	9.8	59	..	0.8	..	12.0	0	8	18	13	11	1	0	0	0	0	1	3	0
	0830	8	1015.5	1014.6	+0.9	17.0	12.7	7.9	10.7	58	+ 2	2.3	+1.2	10.3	0	6	17	08	14	0	0	0	1	0	0	6	0
	1130	8	1016.1	1015.2	..	25.8	17.2	9.0	11.5	39	..	1.4	..	19.7	0	17	12	05	11	0	1	2	4	2	4	0	0
	1430	8	1013.4	1012.5	..	26.6	19.5	13.8	15.8	51	..	1.1	..	21.7	0	19	10	02	4	0	0	1	5	12	5	0	0
	1730	8	1012.5	1011.6	+1.2	25.0	19.7	15.3	17.4	61	- 7	1.0	+0.1	21.8	0	17	11	02	2	0	0	1	5	7	11	1	0
	2030	8	1014.1	1013.2	..	22.1	17.9	14.4	16.4	65	..	0.7	..	16.9	0	14	13	06	2	0	1	0	1	5	12	2	0
	2330	8	1014.9	1014.0	..	19.5	15.3	10.9	13.0	61	..	0.7	..	13.8	0	7	22	15	6	0	0	0	0	3	5	0	0
DIU	0830		1015.9	1014.1	..	18.6	14.1	9.5	11.9	58	..	2.3	..	5.4	0	0	25	08	7	1	0	0	1	0	8	4	0
	1730		1013.1	1011.4	..	24.7	19.8	16.7	19.0	62	..	2.0	..	16.3	0	10	19	00	1	1	2	4	9	12	0	0	0
KONKAN(INCLUDING GOA)																											
DAHANU	0830	5	(R)																								
	1730	5	1012.0	1011.5	+1.7	24.7	21.0	19.8	23.1	73	+ 3	0.0	-0.5	11.9	0	2	20	10	0	0	0	0	1	2	9	0	0
BOMBAY(SANTACRUZ)	0230	14	1012.8	1011.1	..	18.2	15.9	14.1	16.1	78	..	0.2	..	5.5	0	1	15	09	1	1	0	0	0	0	5	13	0
	0530	14	1012.5	1010.8	..	17.6	15.4	13.5	15.5	78	..	0.4	..	5.1	0	2	16	05	8	4	0	0	0	0	1	11	0
	0830	14	1014.6	1012.9	+1.3	19.8	16.2	13.2	15.2	67	+ 6	1.5	+0.3	4.4	0	0	17	05	4	5	1	0	0	0	2	12	0
	1130	14	1014.8	1013.1	..	27.1	18.7	12.2	14.2	41	..	1.0	..	9.0	0	1	23	04	3	1	0	1	1	6	8	5	0
	1430	14	1011.9	1010.0	..	27.8	19.9	14.5	16.5	45	..	1.2	..	19.7	0	14	15	01	0	0	0	0	0	8	20	0	0
	1730	14	1011.3	1009.7	+1.2	25.8	19.2	14.8	16.8	52	+ 7	1.0	+0.0	19.6	0	18	11	02	0	0	0	0	0	4	23	0	0
	2030	14	1013.2	1011.5	..	22.4	18.2	15.3	17.4	65	..	0.4	..	11.7	0	2	27	07	0	0	0	0	1	0	21	0	0
	2330	14	1014.1	1012.4	..	19.8	16.9	14.7	16.7	74	..	0.4	..	6.3	0	1	22	10	5	1	0	0	0	1	6	6	0
BOMBAY	0830	11	1014.3	1013.1	+0.9	20.4	17.4	15.0	17.0	73	+ 1	1.1	+0.1	6.6	0	0	23	12	3	5	1	0	0	0	2	6	0
	1130	11	1014.8	1013.6	..	25.5	19.5	15.4	17.5	55	..	1.0	..	9.6	0	1	28	06	3	6	1	0	2	1	9	0	1
	1730	11	1011.3	1010.1	+0.7	24.8	20.2	17.3	19.7	63	+ 1	0.7	-0.1	16.2	0	11	18	13	0	0	0	0	0	1	15	0	0
ALIBAG	0830	7	1014.3	1013.5	+0.7	20.0	17.4	15.6	17.7	76	+ 6	1.2	+0.2	3.5	0	0	25	03	6	6	1	5	3	1	0	4	0
BHIRA	0830	96	1013.9	1002.7	..	17.2	14.9	13.0	15.0	78	..	1.1	..	0.7	0	0	6	00	2	0	1	0	1	2	0	23	0
	1730	96	1010.1	999.5	..	32.9	24.2	19.4	22.5	47	..	0.3	..	2.8	0	0	23	00	0	0	0	0	21	1	1	6	0
HARNAI	0830	20	1013.7	1011.3	+1.1	22.6	21.3	20.5	24.1	89	+30	0.7	-1.0	7.9	0	2	18	10	4	4	0	0	0	1	1	9	0
	1730	20	1011.0	1008.7	+1.3	25.0	22.6	21.3	25.3	82	+10	0.1	-1.2	31.4	0	25	4	06	0	0	0	0	0	4	19	0	0
RATNAGIRI	0830	35	1013.7	1009.7	+1.1	21.0	18.0	16.0	18.2	74	+ 5	1.9	+0.1	3.2	0	0	27	00	4	13	7	0	0	0	0	2	3
	1730	35	1010.7	1006.5	+0.8	28.4	22.4	19.2	22.2	64	+ 4	0.8	-1.0	8.2	0	2	27	03	0	0	0	0	0	13	13	0	0
DEVGARH	0830	36	1013.6	1009.4	+0.9	22.0	19.1	17.3	19.7	75	+ 2	1.5	-0.4	9.7	0	2	27	04	8	15	1	0	0	0	1	0	0
	1730	36	1010.3	1006.2	+0.9	27.7	22.6	19.9	23.2	63	- 2	0.8	-0.9	26.2	0	21	8	00	0	0	0	0	0	7	22	0	0
VENGURLA	0230	9	1012.2	1011.2	..	20.7	19.2	18.7	20.9	86	..	0.6	..	2.0	0	0	12	07	2	0	0	0	0	0	3	17	0
	0530	9	1011.7	1010.7	..	19.5	18.4	17.6	20.1	89	..	0.8	..	2.1	0	0	13	10	3	0	0	0	0	0	0	16	0
	0830	9	1014.1	1013.1	+1.2	22.3	19.6	17.9	20.5	77	+ 2	0.8	-0.7	2.2	0	0	14	07	3	1	1	0	0	0	2	15	0
	1130	9	1014.3	1013.3	..	29.0	21.8	17.3	19.7	51	..	0.5	..	5.8	0	0	27	03	0	1	0	3	12	8	0	2	0
	1730	9	1010.7	1009.7	+1.1	27.9	22.5	19.6	22.8	61	+ 4	0.1	-1.3	6.8	0	0	29	00	0	0	0	0	4	14	11	0	0
	2330	9	1013.4	1012.4	..	22.5	20.4	19.1	22.1	81	..	0.3	..	3.3	0	0	16	13	0	0	0	0	1	0	2	13	0
PANJIM	0530	60	1011.1	1004.3	..	21.6	19.5	18.4	21.1	84	..	0.7	..	7.7	0	0	29	08	8	10	1	0	0	0	2	0	0
	0830	60	1013.3	1006.4	..	21.8	19.7	18.3	21.0	81	..	1.6	..	7.9	0	0	28	01	11	12	3	0	0	0	1	1	0
	1130	60	1013.6	1006.9	..	28.4	21.7	17.6	20.1	53	..	1.0	..	10.8	0	1	27	01	1	1	0	4	8	10	3	1	0
	1430	60	1011.0	1004.3	..	29.6	22.3	18.2	20.9	51	..	0.9	..	17.7	0	10	19	00	0	0	0	1	9	14	5	0	0
	1730	60	1010.0	1003.3	..	27.9	22.2	19.0	22.0	59	..	0.9	..	17.6	0	10	19	00	0	0	0	0	5	12	12	0	0
	2030	60	1011.8	1005.0	..	25.2	21.7	19.7	22.9	72	..	0.5	..	10.7	0	2	27	07	0	0	0	0	0	0	22	0	0
	2330	60	1012.7	1005.9	..	23.9	20.7	18.8	21.7	74	..	0.4	..	8.7	0	1	28	16	3	0	0	0	0	0	10	0	0
MORMUGAO	0530	62	1010.9	1003.9	..	22.7	20.5	19.1	22.1	81	..	0.9	..	7.4	0	2	20	08	8	3	2	1	0	0	0	7	0
	0830	62	1013.0	1006.1	+0.1	24.4	20.3	21.3	25.3	75	+ 3	1.9	+0.0	8.5	0	1	26	05	12	4	3	3	0	0	0	2	0
	1130	62	1013.6	1006.6	..	26.8	21.6	18.6	21.4	62	..	1.4	..	9.5 c	0	0	27	02	0	0	0	3	8	5	9	1	0
	1730	62	1009.7	1002.8	+0.3	27.2	22.6	20.2	23.7	64	- 2	1.1	-0.6	22.2	0	16	13	00	0	0	0	0	6	11	12	0	0
DABOLIM(NAVAL AIR STN.)	0530	52	1011.4	1005.5	..	21.7	19.8	18.7	21.6	84	..	0.7	..	7.1	0	0	14	09	9	2	0	0	0	0	0	15	0
	0830	52	1013.8	1007.9	..	23.2	20.4	18.8	21.7	76	..	2.0	..	7.3	0	0	20	01	11	3	0	4	1	0	0	9	0
	1130	52	1014.2	1008.4	..	27.4	21.8	18.5	21.3	59	..	1.1	..	14.5	0	1	27	06	1	0	0	0	11	4	6	1	0
	1730	52	1010.3	1004.5	..	27.6	22.4	19.5	22.7	62	..	1.1	..	24.3	0	13	16	07	0	0	0	0	1	7	14	0	0
	2330	52	1012.9	1007.0	..	24.5	21.5	19.9	23.2	76	..	1.0	..	15.5	0	5	21	23	3	0	0	0	0	0	0	3	0
MADHYA MAHARASHTRA																											
NANDURBAR	0830	206	1015.2	991.2	+0.1	20.7	14.7	9.6	11.9	50	+ 9	0.0	-0.4	0.1	0	0	1	00	0	0	0	0	1	0	0	28	0
	1730	206	1011.8	987.8	+0.9	28.7	17.7	7.5	10.4	26	+ 4	0.0	-0.5	0.1	0	0	2	00	1	0	0	0	0	0	1	27	0
JALGAON	0830	201	1015.2	991.6	+0.8	17.1	11.8	5.8	9.2	49	+ 4	1.3	+0.3	7.4	0	0	27	00	2	7	6	3	5	3	1	2	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY ,1968(MAGHA 12 - PHALGUN 10,1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	Wind Speed (Km. p. h.) 62 or more	Wind Speed (Km. p. h.) 20 to 61	Wind Speed (Km. p. h.) 1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA MAHARASHTRA (CONTD.)																											
JALGAON	1730	201	1009.8	987.4	+0.8	31.1	17.4	4.3	8.3	20	+ 3	1.4	+0.3	8.6	0	0	27	04	1	1	1	3	1	7	9	2	0
MALEGAON	0830	437	1016.2	965.7	+1.1	16.4	11.8	7.1	10.1	54	+11	0.8	-0.2	3.8	0	0	26	05	0	2	0	0	2	11	6	3	0
	1730	437	1009.2	961.3	+0.6	29.6	17.6	7.0	10.0	28	+ 7	1.3	-0.2	7.2	0	0	29	03	9	3	3	1	5	0	5	0	0
OZAR	0230	608	1013.9	944.2	..	14.2	9.9	5.3	8.9	57	..	0.7	..	9.2	0	3	18	01	0	1	0	2	1	11	5	8	0
	0530	608	1014.3	944.1	..	12.4	9.0	5.1	8.8	62	..	0.6	..	4.3	0	0	12	00	1	0	0	0	0	7	4	17	0
	0830	608	1015.4	946.2	..	16.6	11.4	6.2	9.5	52	..	1.6	..	5.0	0	1	15	01	1	2	3	0	0	6	3	13	0
	1130	608	1013.5	946.3	..	25.5	15.8	8.0	10.7	34	..	1.5	..	11.7	0	2	24	01	1	9	6	3	1	1	4	3	0
	1430	608	1009.6	943.4	..	29.0	17.0	7.4	10.3	27	..	1.9	..	10.6	0	3	24	02	1	2	5	2	4	3	6	2	2
	1730	608	1008.7	942.5	..	28.6	16.3	5.8	9.2	25	..	1.7	..	13.5	0	7	18	00	1	2	1	0	3	12	6	4	0
	2030	608	1012.4	944.6	..	21.8	14.0	6.9	9.9	38	..	0.9	..	16.1	0	11	18	01	0	1	0	0	0	6	20	0	1
	2330	608	1014.5	945.4	..	17.2	11.8	6.5	9.7	51	..	1.0	..	11.9	0	4	22	00	0	0	0	1	1	15	9	3	0
AHMADNAGAR	0830	657	1015.6	941.1	+0.8	17.0	11.6	6.2	9.5	50	+ 6	1.9	+1.0	1.8	0	0	12	00	1	0	0	0	0	0	11	17	0
	1730	657	1007.5	936.9	+0.3	31.1	17.4	6.4	9.6	23	+ 0	2.2	+0.6	6.4	0	1	24	00	6	0	3	0	7	0	9	4	0
POONA AERODROME	0230	593	1013.2	945.8	..	17.4	12.9	9.0	11.5	58	..	0.4	..	3.6	0	0	12	00	0	0	0	0	0	9	3	17	0
	0530	593	1013.4	945.5	..	15.4	11.7	8.3	10.9	63	..	0.6	..	3.1	0	0	10	00	0	1	0	0	1	7	1	19	0
	0830	593	1014.9	947.5	..	17.4	12.7	8.7	11.2	57	..	1.4	..	3.2	0	1	9	00	0	2	0	0	0	8	0	19	0
	1130	593	1013.1	947.8	..	26.6	16.0	7.1	10.1	30	..	1.1	..	10.1	0	1	21	02	4	11	0	0	0	3	2	7	0
	1730	593	1007.9	943.6	..	29.9	16.5	5.5	9.3	22	..	1.7	..	17.9	0	15	10	00	1	0	0	0	2	17	5	4	0
	2330	593	1013.6	946.7	..	19.6	14.1	9.6	11.9	53	..	0.5	..	10.3	0	1	23	00	0	0	0	0	0	19	5	5	0
POONA	0530	559	1014.4	949.8	..	12.9	10.5	8.2	10.9	73	..	0.6	..	0.0	0	0	0	00	0	0	0	0	0	0	0	29	0
	0830	559	1015.8	951.8	+0.7	16.4	12.7	9.6	11.9	64	+11	2.0	+1.1	0.1	0	0	1	00	0	0	0	0	0	1	0	28	0
	1130	559	1013.5	951.8	..	26.7	16.3	8.1	10.8	32	..	1.1	..	4.7	0	0	21	02	4	10	3	0	0	1	1	8	0
	1430	559	1009.1	948.4	..	30.7	17.5	7.1	10.1	24	..	2.1	..	5.4	0	0	25	02	2	4	4	2	1	7	3	4	0
	1730	559	1008.4	947.7	+0.5	29.8	17.1	6.9	9.9	24	+ 1	1.9	+0.6	7.0	0	0	23	02	1	0	1	0	1	11	7	6	0
	2030	559	1012.2	950.0	..	23.6	15.7	9.6	11.9	42	..	0.6	..	5.5	0	0	21	00	0	0	0	0	0	18	3	8	0
	2330	559	1014.4	950.9	..	18.5	13.5	9.3	11.7	55	..	0.4	..	0.8	0	0	4	00	0	0	0	0	0	3	1	25	0
JEUR	0830	521	1014.7	955.7	+0.8	19.3	13.3	7.8	10.6	49	+ 2	1.0	+0.0	3.6	0	0	28	14	6	0	2	1	1	1	3	0	0
	1730	521	1007.2	950.9	+0.2	31.8	18.1	7.4	10.3	23	- 6	2.3	+0.8	9.0	0	0	29	00	2	1	1	1	3	11	10	0	0
BARAMATI	0830	551	1015.1	952.4	+0.5	17.8	13.5	10.0	12.3	61	+12	0.7	+0.0	7.7	0	0	29	04	2	2	2	0	3	5	11	0	0
	1730	551	1007.4	947.9	+0.4	31.6	19.4	11.3	13.4	29	+ 6	1.3	+0.0	9.6	0	2	25	03	1	2	3	3	4	3	8	2	0
SHOLAPUR	0530	479	1012.1	957.9	..	19.9	14.4	9.6	11.9	54	..	1.2	..	6.1	0	1	21	04	6	3	1	0	2	1	5	7	0
	0830	479	1014.3	960.3	+0.5	21.9	15.4	10.1	12.3	49	+10	0.8	-0.2	4.8	0	0	25	01	12	0	5	0	3	0	4	4	0
	1130	479	1012.9	960.2	..	29.1	18.7	11.4	13.5	36	..	1.1	..	9.7	0	2	27	04	2	1	10	6	4	0	2	0	0
	1430	479	1008.7	956.8	..	32.6	19.3	10.1	12.3	27	..	1.8	..	7.7	0	1	28	04	4	0	6	3	7	3	2	0	0
	1730	479	1007.7	955.8	+0.2	32.2	19.4	10.6	12.8	29	+ 7	1.4	-0.4	6.0	0	0	28	02	6	0	3	0	13	0	4	1	0
	2330	479	1011.9	958.5	..	24.5	16.2	9.6	11.9	41	..	1.1	..	8.5	0	2	24	04	6	3	5	0	2	1	5	3	0
MIRAJ	0830	554	1014.5	951.9	+0.4	19.1	14.6	10.6	12.8	58	+ 2	1.8	+0.8	0.3	0	0	2	00	0	0	0	0	0	2	0	27	0
	1730	554	1007.8	947.6	+0.3	32.2	19.3	10.5	12.7	27	- 5	2.0	+0.3	2.4	0	0	13	00	0	2	0	0	0	11	0	16	0
KOLHAPUR	0530	570	1012.3	947.6	..	17.6	14.2	11.6	13.7	68	..	0.9	..	4.4	0	0	18	00	7	6	1	0	2	2	0	10	0
	0830	570	1014.1	949.6	+0.1	18.8	14.5	11.2	13.3	63	+ 8	1.2	+0.0	2.1	0	0	13	00	4	5	0	0	0	3	1	16	0
	1130	570	1012.7	950.2	..	28.0	17.2	9.2	11.6	31	..	1.1	..	10.1	0	0	27	03	9	12	0	0	0	0	2	2	1
	1730	570	1007.2	945.7	+0.3	31.3	18.5	9.4	11.8	26	+ 4	1.7	+0.1	11.4	0	2	25	00	0	2	1	0	3	15	6	2	0
	2330	570	1012.8	948.9	..	21.6	16.8	13.8	15.8	63	..	0.7	..	9.7	0	0	28	00	5	5	0	0	0	8	10	1	0
NASIK	0830		..	..	..	24.2	18.8	15.6	17.7	60	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
MARATHWADA																											
AURANGABAD	0830	581	1015.6	949.8	+0.7	19.2	12.8	6.9	9.9	46	+ 5	1.4	+0.5	4.4	0	0	17	01	6	7	1	0	0	1	1	12	0
	1730	581	1009.0	946.0	+0.6	29.8	16.7	5.1	8.8	22	- 1	2.3	+0.8	8.5	0	1	27	05	0	0	1	4	7	6	5	1	0
AURANGABAD(CHIKALTHAN)	0230	579	1013.4	947.2	..	15.8	11.5	7.1	10.1	58	..	1.0	..	3.2	0	0	9	02	1	1	0	0	0	4	1	20	0
	0530	579	1013.9	947.2	..	13.3	9.8	6.2	9.5	62	..	1.0	..	1.7	0	0	5	01	1	0	0	0	0	1	2	24	0
	0830	579	1015.1	949.4	+0.5	18.4	13.1	8.2	10.9	53	+ 9	1.3	+0.4	3.1	0	0	8	02	0	1	2	0	0	1	2	21	0
	1130	579	1013.5	949.5	..	26.3	17.4	10.8	12.9	40	..	1.3	..	12.9	0	1	25	02	2	9	6	2	0	1	4	3	0
	1430	579	1009.5	947.1	..	29.6	19.2	12.3	14.3	36	..	2.2	..	12.1	0	3	23	00	4	1	3	1	7	4	5	3	1
	1730	579	1008.4	945.4	+0.2	29.4	18.9	11.7	13.7	35	+ 6	2.1	+0.7	12.2	0	2	27	00	1	1	3	3	7	11	3	0	0
	2030	579	1012.2	947.4	..	21.6	14.9	9.2	11.6	47	..	1.3	..	6.8	0	1	17	03	4	1	1	0	0	4	5	11	0
	2330	579	1013.8	948.2	..	18.5	13.2	8.3	10.9	53	..	1.1	..	5.0	0	0	14	02	0	1	1	0	0	4	5	15	1
PARBHANI	0830	423	1015.4	966.9	+0.6	18.6	13.1	7.2	10.1	50	+13	1.8	+0.7	3.0	0	0	22	05	1	4	0	0	2	5	5	7	0
	1730	423	1009.0	962.8	+0.6	30.7	18.4	8.2	10.9	26	+ 6	2.0	+0.3	4.9	0	0	25	04	1	0	3	1	5	4	7	4	0
NANDER	0830	358	1014.6	973.6	..	19.9	15.0	11.4	13.5	57	..	1.8	..	2.3	0	0	15	00	6	0	1	0	5	0	3	14	0
	1730	358	1009.1	969.6	..	30.3	20.2	12.8	14.8	37	..	0.8	..	2.1	0	0	15	00	5	0	1	0	6	0	3	14	0
BIR	0830	519	1015.8	956.5	..	17.2	13.8	10.8	12.9	67	..	2.2	..	1.2	0	0	7	00	2	0	2	0	2	0	1	22	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — FEBRUARY ,1968(MAGHA 12 - PHALGUN 10,1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry Bulb	Mean temperature in °C: Wet Bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	Wind Speed (Km. p. h.): 62 or more	Wind Speed (Km. p. h.): 20 to 61	Wind Speed (Km. p. h.): 1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MARTWADA (CONTD.)																											
BIR	1730	519	1009.1	952.5	..	29.5	19.0	11.8	13.8	36	..	1.8	..	3.5	0	0	24	00	11	1	3	0	1	0	8	5	0
VIDARBHA																											
GONDIA	0830	313	1015.4	979.4	+0.6	18.8	15.4	12.3	14.8	68	+11	1.0	-0.4	1.4	0	0	9	05	1	0	1	0	0	0	2	20	0
	1730	313	1010.6	975.8	+0.8	27.5	19.1	12.8	15.3	43	+16	1.6	+0.1	1.6	0	0	16	02	2	0	0	2	1	5	4	13	0
NAGPUR(SONEGAON)	0230	310	1012.9	977.0	..	17.4	13.9	10.5	13.0	67	..	0.8	..	2.9	0	0	17	10	2	1	1	0	0	1	2	12	0
	0530	310	1013.2	977.1	..	15.9	13.0	10.1	12.6	70	..	1.6	..	3.9	0	0	22	06	4	1	0	0	0	2	9	7	0
	0830	310	1015.5	979.7	+0.8	19.0	14.4	9.9	12.7	58	+ 9	1.6	+0.2	3.7	0	1	18	09	4	1	1	0	1	0	3	10	0
	1130	310	1014.6	979.6	..	25.8	17.4	10.3	13.0	40	..	2.2	..	7.5	0	1	25	03	3	11	4	1	1	1	2	3	0
	1430	310	1010.6	976.2	..	29.2	18.9	10.7	13.5	34	..	2.3	..	6.8	0	1	23	01	2	3	2	4	7	3	2	5	0
	1730	310	1009.8	975.3	+0.5	28.5	18.5	10.5	13.2	35	+ 9	2.1	+0.4	4.6	0	0	21	00	4	4	2	2	3	4	2	8	0
	2030	310	1012.6	977.3	..	22.2	16.4	11.4	13.9	53	..	1.5	..	3.7	0	0	20	04	3	8	1	0	0	2	2	9	0
	2330	310	1013.7	978.1	..	19.7	15.5	11.9	14.2	62	..	1.4	..	4.6	0	0	22	08	7	1	1	0	1	0	4	7	0
AMRAOTI	0830	370	1015.0	972.7	+0.7	20.6	14.2	7.8	11.0	46	+ 6	1.5	+0.1	3.2	0	0	27	01	10	8	2	3	3	0	0	2	0
	1730	370	1009.4	968.6	+1.6	29.8	17.8	7.0	10.7	25	+ 3	1.7	-0.2	7.5	0	0	27	01	1	1	1	1	7	12	3	2	0
AKOLA AERODROME	0530	309	1012.4	976.5	..	16.2	11.2	5.3	9.3	50	..	1.4	..	5.3	0	0	28	01	9	2	3	1	3	5	4	1	0
	0830	309	1014.4	978.7	..	19.2	13.2	6.7	10.4	47	..	2.2	..	5.9	0	0	29	01	8	4	1	5	4	4	2	0	0
	1130	309	1013.7	979.0	..	26.7	16.6	7.3	10.7	31	..	1.8	..	7.4	0	0	29	02	7	6	2	2	1	4	5	0	0
	1430	309	1009.8	975.7	..	30.4	17.9	6.9	10.4	24	..	2.3	..	7.2	0	0	29	05	1	1	3	5	4	5	5	0	0
	1730	309	1008.8	974.6	..	30.2	17.5	5.9	9.7	23	..	2.4	..	6.3	0	0	29	01	5	1	2	2	3	6	9	0	0
	2030	309	1011.1	976.2	..	24.5	15.0	5.3	9.4	31	..	1.7	..	5.7	0	0	29	02	6	2	3	1	3	3	9	0	0
	2330	309	1012.3	977.0	..	21.2	13.6	5.3	9.5	38	..	1.4	..	6.5	0	1	28	02	9	3	2	2	2	3	6	0	0
AKOLA	0830	282	1015.2	982.5	+0.8	18.2	13.0	7.5	10.8	51	+ 5	1.7	+0.6	2.6	0	0	22	00	7	2	4	0	5	0	4	7	0
	1730	282	1009.4	978.3	+0.8	30.6	18.5	8.3	11.5	26	+ 4	2.1	+0.7	4.0	0	0	28	00	11	0	2	1	5	0	9	1	0
BRAMHAPURI	0830	229	1015.4	988.9	+0.4	18.8	15.8	13.2	15.6	71	+ 7	1.3	+0.2	3.8	0	0	24	09	5	2	3	1	2	0	2	5	0
	1730	229	1010.5	984.9	+0.3	29.0	19.2	11.9	14.3	37	+ 9	2.1	+0.9	4.0	0	0	24	05	2	0	5	5	2	2	3	5	0
BULDANA	0830	650	1014.7	941.5	+0.8	19.2	13.1	7.7	10.7	47	+ 5	0.9	-0.4	7.8	0	0	26	08	2	1	4	1	1	0	9	3	0
	1730	650	1009.0	937.9	+0.1	27.7	16.6	7.8	10.8	30	+ 4	1.7	+0.1	6.2	0	0	28	05	6	0	1	0	3	0	13	1	0
YEOTMAL	0830	451	1014.7	963.5	+0.8	20.8	14.3	7.6	11.1	46	+ 5	1.8	+0.1	7.2	0	0	27	01	6	10	4	0	1	2	3	2	0
	1730	451	1008.9	959.4	+0.3	29.5	17.7	7.1	10.7	26	+ 0	2.5	+0.5	6.7	0	0	27	02	2	1	4	1	5	9	3	2	0
CHANDRAPUR	0830	193	1014.7	992.3	+0.2	19.2	16.1	13.5	15.8	71	+10	1.9	+0.4	3.0	0	0	22	04	5	3	3	2	1	1	3	7	0
	1730	193	1009.5	987.9	-0.2	30.0	19.7	12.2	14.5	36	+ 5	3.0	+1.2	7.5	0	0	26	03	5	8	3	2	1	2	2	3	0
PUSAD	0830	334	1015.9	977.4	..	18.8	14.7	11.0	13.4	63	..	2.3	..	1.9	0	0	17	00	6	0	0	0	0	0	11	12	0
	1730	334	1010.2	973.3	..	30.6	19.6	11.3	13.8	32	..	2.7	..	3.6	0	0	23	00	6	0	4	0	8	0	5	6	0
SIRONCHA	0830	123	1015.1	1000.9	+0.5	22.5	19.4	17.6	20.2	75	+10	1.8	+0.2	0.9	0	0	12	00	1	2	8	1	0	0	0	17	0
	1730	123	1010.1	996.4	+0.6	31.4	21.6	15.7	17.8	40	+13	2.1	+0.7	1.4	0	0	18	01	2	1	3	4	5	1	1	11	0
WARDHA	0830	283	1014.9	982.3	..	20.8	14.8	8.9	12.0	49	..	1.8	..	3.6	0	0	28	08	8	2	2	2	2	1	3	1	0
	1730	283	1009.6	978.2	..	29.5	18.8	9.4	11.8	31	..	2.2	..	3.3	0	0	27	03	2	2	4	3	5	5	3	2	0
BHANDARA	0830		..	..	..	19.8	15.1	10.8	13.4	58	..	.	..	1.4	0	0	19	02	5	1	5	0	0	1	2	10	3
	1730		..	..	..	29.0	19.0	11.2	13.8	35	..	.	..	1.0	0	0	9	01	3	0	0	0	3	0	0	20	2
COASTAL ANDHRA PRADESH																											
KALINGAPATAM	0830	6	1014.9	1014.2	+0.5	24.7	21.5	19.6	22.9	74	- 7	0.8	-2.0	8.6	0	0	28	09	0	0	0	3	4	1	7	1	4
	1730	6	1011.7	1010.9	+0.4	26.7	22.6	20.4	24.1	69	+ 0	0.9	-2.0	15.9	0	8	21	00	0	0	5	15	9	0	0	0	0
VISHAKHAPATNAM	0230	3	1012.8	1012.4	..	23.2	21.5	20.5	24.1	84	..	1.7	..	3.5	0	0	21	02	1	1	0	0	2	6	9	8	0
	0530	3	1012.9	1012.5	..	21.9	20.5	19.6	22.9	87	..	1.6	..	2.2	0	0	14	00	1	0	0	0	2	3	8	15	0
	0830	3	1015.1	1014.7	+0.7	25.3	21.9	20.0	23.5	73	- 4	2.0	-0.1	5.7	0	1	23	01	1	0	0	0	3	8	11	5	0
	1130	3	1014.7	1014.3	..	29.9	22.7	18.7	21.7	52	..	2.3	..	15.5	0	7	22	00	0	2	7	7	12	1	0	0	0
	1430	3	1011.9	1011.5	..	30.2	23.3	19.4	22.9	54	..	1.6	..	22.4	0	20	9	00	0	1	7	11	9	1	0	0	0
	1730	3	1011.9	1011.5	+0.8	27.2	23.0	20.6	24.7	69	- 4	2.5	+0.8	16.9	0	9	20	00	0	1	5	12	11	0	0	0	0
	2030	3	1014.1	1013.7	..	25.5	22.9	21.5	25.8	79	..	1.7	..	8.1	0	1	28	00	0	3	3	5	10	4	4	0	0
	2330	3	1014.3	1013.9	..	24.4	22.4	21.4	25.5	83	..	1.8	..	5.0	0	0	20	01	1	0	2	0	7	4	5	9	0
KAKINADA	0830	8	1015.3	1014.4	+0.6	26.7	22.9	21.0	24.7	71	- 2	3.0	+0.8	6.2	0	0	22	01	7	0	9	0	5	0	0	7	0
	1730	8	1011.5	1010.6	+0.4	29.2	23.3	20.2	23.8	60	- 7	1.4	-0.1	12.1	0	0	29	00	0	0	28	1	0	0	0	0	0
NIDADAVULE	0830	12	1015.9	1014.4	+1.1	24.8	21.9	20.4	23.8	77	+ 2	1.6	-1.5	3.6	0	0	29	16	2	9	0	1	0	0	1	0	0
	1730	12	1011.7	1010.3	+1.0	29.3	22.4	18.8	21.6	55	+ 6	1.7	-1.4	4.0	0	0	29	01	0	4	2	19	3	0	0	0	0
RENTACHINTALA	0830	106	1014.1	1002.2	+0.7	24.7	21.1	19.0	22.1	70	+ 3	1.6	-0.9	1.4	0	0	21	00	0	2	0	1	0	8	0	8	0
	1730	106	1009.7	998.0	+0.9	33.1	22.3	16.1	18.1	38	+ 7	1.2	-1.5	0.9	0	0	11	00	0	2	0	1	0	8	0	18	0
GANNAVARAM	0230	24	1012.3	1009.5	..	21.7	20.5	19.8	23.2	89	..	1.1	..	3.3	0	1	11	00	3	6	2	0	0	1	0	17	0
	0530	24	1012.5	1009.7	..	21.1	20.1	19.6	22.7	91	..	1.4	..	3.2	0	0	15	02	1	9	3	0	0	0	0	14	0
	0830	24	1014.9	1012.1	+0.7	24.5	22.0	20.8	24.4	80	+ 3	1.9	-0.5	6.0	0	0	23	01	0	14	5	3	0	0	0	6	0
	1130	24	1014.6	1011.8	..	29.7	22.8	19.0	22.1	53	..	2.5	..	11.1	0	2	26	00	0	4	9	11	3	1	0	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – FEBRUARY ,1968(MAGHA 12 - PHALGUN 10,1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry bulb	Mean temperature in °C Wet bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
COASTAL ANDHRA PRADESH (CONTD.)																											
GANNAVARAM	1430	24	1011.4	1008.7	..	32.1	22.6	17.3	19.7	42	..	2.7	..	12.2	0	6	22	00	0	3	12	11	2	0	0	1	0
	1730	24	1010.9	1008.2	+0.8	29.8	21.8	17.2	19.6	47	+ 3	1.3	-0.5	11.2	0	1	27	00	0	1	10	16	1	0	0	1	0
	2030	24	1013.4	1010.6	..	24.6	21.4	19.6	22.8	74	..	0.4	..	7.9	0	0	27	00	0	2	11	12	2	0	0	2	0
	2330	24	1013.8	1011.0	..	22.9	21.2	20.2	23.8	85	..	0.3	..	4.8	0	0	18	00	0	7	4	6	1	0	0	11	0
MASULIPATAM	0830	3	1014.8	1014.4	+0.5	24.5	22.4	21.3	25.3	83	+ 2	2.6	+0.1	1.3	0	0	13	02	1	4	1	4	0	0	0	15	1
	1730	3	1011.6	1011.3	+0.7	27.5	22.4	19.7	22.9	63	- 4	2.5	+1.0	4.5	0	0	29	00	0	11	11	3	0	0	0	0	4
ONGOLE	0830	12	1013.7	1012.4	-0.3	24.9	22.9	21.7	26.3	82	+ 4	0.4	-1.7	2.0	0	0	28	00	9	3	3	6	0	1	6	1	0
	1730	12	1010.5	1009.2	+0.1	29.2	25.0	22.9	28.3	69	+ 2	0.5	-1.0	2.1	0	0	29	03	15	1	8	1	0	0	1	0	0
NELLORE	0530	20	1012.5	1010.3	..	21.9	21.1	20.7	24.4	93	..	1.2	..	1.4	0	0	9	00	0	5	3	1	0	0	0	20	0
	0830	20	1014.5	1012.2	+0.5	25.4	22.8	21.5	25.6	79	+ 0	2.3	-0.4	3.0	0	0	22	00	0	0	22	0	0	0	0	7	0
	1130	20	1014.3	1012.0	..	30.1	24.1	21.1	25.0	59	..	2.3	..	7.2	0	0	29	00	1	2	20	2	3	1	0	0	0
	1430	20	1011.4	1009.2	..	31.3	24.5	21.1	25.2	55	..	1.3	..	7.7	0	0	29	00	0	3	22	1	2	1	0	0	0
	1730	20	1011.0	1008.8	+0.5	28.4	24.1	21.9	26.6	68	+ 9	1.7	-0.5	8.6	0	0	29	00	0	1	28	0	0	0	0	0	0
	2330	20	1013.6	1011.3	..	23.8	22.4	21.7	25.9	88	..	1.2	..	2.6	0	0	11	00	1	3	5	2	0	0	0	18	0
VISHAKHAPATNAM(SOLAR)	0830	66	1014.8	1007.3	..	25.4	21.3	18.9	22.0	69	..	4.1	..	3.2	0	0	20	00	2	0	2	0	1	15	0	9	0
TELANGANA																											
RAMGUNDAM	0830	156	1014.6	996.6	+0.6	23.3	19.0	16.0	18.5	65	+11	1.9	+0.2	3.7	0	0	24	01	6	1	6	9	1	0	0	5	0
	1730	156	1009.4	992.0	+0.4	31.7	21.7	15.5	17.8	40	+14	1.9	+0.0	3.9	0	0	23	04	3	2	1	12	1	0	0	6	0
NIZAMABAD	0830	381	1014.0	971.3	+0.8	22.9	17.4	13.2	15.5	54	+ 1	2.1	+0.7	0.1	0	0	2	00	0	0	0	1	0	1	0	27	0
	1730	381	1008.9	967.1	+0.4	30.4	20.1	13.0	15.1	38	+10	1.5	-0.2	0.5	0	0	4	01	2	0	0	0	0	0	1	25	0
HANAMKONDA	0830	269	1014.5	983.9	+0.4	22.7	19.6	17.7	20.2	74	+ 3	1.5	-0.8	1.9	0	0	25	00	2	1	1	20	1	0	0	4	0
	1730	269	1010.1	980.7	+0.7	30.6	20.4	13.3	15.7	36	+ 7	0.7	-0.9	1.9	0	0	27	04	0	0	10	13	0	0	0	2	0
HAKIMPET AERODROME	0530	613	1012.3	943.5	..	19.6	16.9	15.1	17.3	76	..	2.1	..	9.1	0	0	25	00	3	6	15	1	0	0	0	4	0
	0830	613	1013.5	944.9	..	22.4	18.2	15.4	17.8	66	..	2.6	..	9.9	0	1	26	00	2	4	10	6	3	0	2	2	0
	1130	613	1012.2	944.8	..	27.8	19.2	13.7	16.0	44	..	2.3	..	14.1	0	2	27	00	0	2	13	3	8	1	1	0	1
	1730	613	1009.0	942.5	..	29.2	18.9	12.0	14.3	38	..	2.7	..	11.1	0	4	23	01	1	6	7	5	4	1	1	2	1
	2330	613	1011.7	944.1	..	23.2	17.8	14.3	16.4	58	..	1.2	..	11.3	0	2	23	01	2	9	12	1	0	0	0	4	0
BHADRACHALLAM	0830	111	1014.5	1001.7	-0.2	23.8	20.7	18.9	21.8	74	+ 1	2.0	-0.8	2.7	0	0	29	03	20	0	5	0	0	0	1	0	0
	1730	111	1009.4	997.1	-0.1	32.9	21.2	14.2	15.7	34	+ 4	2.6	+0.0	2.5	0	0	28	01	20	0	3	2	0	0	2	1	0
HYDERABAD(BEGAMPET)	0230	545	1011.7	950.7	..	21.3	17.2	14.5	16.6	66	..	1.4	..	4.6	0	1	23	00	5	7	10	2	0	0	0	5	0
	0530	545	1012.1	950.7	..	19.5	16.9	15.1	17.4	73	..	1.9	..	3.0	0	0	16	00	0	5	10	1	0	0	0	13	0
	0830	545	1014.5	953.2	+0.5	21.1	17.4	15.0	17.1	69	+ 5	2.2	+0.0	4.3	0	0	18	00	0	2	9	1	2	2	2	11	0
	1130	545	1013.0	953.2	..	28.2	19.0	12.9	15.3	41	..	2.0	..	12.7	0	2	27	01	1	0	10	6	8	3	0	0	0
	1730	545	1008.5	949.4	+0.5	30.6	18.8	10.6	13.0	31	- 4	3.1	+1.0	8.3	0	2	24	02	2	4	9	5	3	0	1	3	0
	2330	545	1012.4	951.8	..	23.5	17.8	14.1	16.3	57	..	1.1	..	6.8	0	1	22	00	1	3	17	1	0	0	1	6	0
KHAMMAM	0830	112	1014.7	1002.0	+0.7	24.6	21.7	20.1	23.5	76	+ 3	3.3	+0.8	4.3	0	0	24	00	0	2	17	5	0	0	0	5	0
	1730	112	1010.5	997.4	+0.4	32.1	21.6	15.2	17.1	36	+ 3	2.7	+0.5	1.1	0	0	12	02	0	4	2	2	1	0	1	17	0
MAHBUBNAGAR	0830	505	1013.4	957.0	+0.1	24.2	18.4	14.7	16.5	56	+ 3	1.9	-0.2	4.2	0	0	18	00	0	9	3	1	4	0	1	11	0
	1730	505	1008.1	953.2	-0.1	31.1	18.9	9.7	11.9	29	+ 1	2.1	+0.2	3.7	0	0	25	00	1	7	5	8	4	0	0	4	0
RAYALASEEMA																											
KURNOOL	0830	281	1014.2	982.4	+0.8	24.5	18.9	15.1	17.3	57	+ 0	1.5	-0.1	4.3	0	0	29	00	9	0	14	0	5	0	1	0	0
	1730	281	1008.5	977.8	+0.6	33.4	20.3	10.9	13.2	26	+ 2	1.8	-0.3	4.3	0	0	25	01	8	0	10	0	4	0	1	4	1
NANDYAL	0830	212	1013.8	989.7	..	24.3	20.2	17.8	20.2	67	..	1.0	..	6.1	0	0	22	00	2	3	2	4	7	3	1	7	0
	1730	212	1008.7	985.3	..	33.2	22.2	15.6	17.8	36	..	1.5	..	7.5	0	0	25	00	1	7	8	3	2	4	0	4	0
ANANTAPUR	0530	350	1011.6	971.8	..	21.0	17.1	14.1	16.3	66	..	1.2	..	3.3	0	0	12	00	0	2	6	1	1	0	2	17	0
	0830	350	1013.8	974.3	+0.8	23.6	18.4	14.7	16.9	58	+ 4	1.4	-0.3	5.0	0	0	17	00	1	2	7	4	1	0	2	12	0
	1130	350	1012.8	974.1	..	29.8	19.5	11.9	13.4	35	..	1.3	..	8.1	0	0	24	00	4	3	8	3	3	3	0	5	0
	1430	350	1008.7	970.5	..	32.5	19.8	10.3	13.0	27	..	1.4	..	7.3	0	0	24	01	8	8	3	1	1	1	0	5	1
	1730	350	1007.7	969.6	+0.5	32.4	19.9	10.7	13.0	27	+ 1	1.4	-0.6	8.8	0	0	24	01	10	5	6	1	0	1	0	5	0
	2030	350	1010.3	972.6	..	28.4	18.9	12.0	14.1	37	..	0.7	..	9.9	0	3	21	00	1	15	7	1	0	0	0	5	0
	2330	350	1011.4	972.3	..	26.0	18.4	12.8	15.0	45	..	0.7	..	13.0	0	8	17	00	1	13	11	0	0	0	0	4	0
CUDDAPAH	0830	130	1014.3	999.4	+0.3	26.1	20.5	17.0	19.5	58	- 2	1.1	-0.5	1.9	0	0	13	00	0	7	6	0	0	0	0	16	0
	1730	130	1009.2	994.8	+0.3	32.7	21.2	13.8	15.8	32	-14	1.3	-0.6	4.5	0	0	25	00	0	19	6	0	0	0	0	4	0
AROGYAVARAM	0830	701	1014.2	936.4	+0.6	21.1	18.3	16.6	19.0	75	+13	1.5	-1.5	6.3	0	0	28	00	0	0	19	7	2	0	0	1	0
	1730	701	1008.4	933.0	+0.7	28.7	22.5	19.6	22.7	58	+27	2.2	-0.9	8.7	0	1	27	00	11	1	16	0	0	0	0	1	0
MADRAS STATE(INCLUDING PONDICHERRY																											
MADRAS	0830	6	1014.7	1014.0	+1.0	25.1	22.6	21.7	25.3	80	+ 3	2.1	-0.9	2.4	0	0	16	00	0	2	2	1	5	3	3	13	0
	1730	6	1011.4	1010.7	..	27.3	23.1	21.1	24.9	69	..	1.2	..	4.1	0	0	24	00	1	6	15	2	0	0	0	5	0
MADRAS(MINAMBAKKAM)	0230	16	1012.5	1010.7	..	22.5	21.1	20.3	23.8	87	..	1.2	..	1.9	0	0	6	00	0	4	2	0	0	0	0	23	0
	0530	16	1012.6	1010.8	..	21.8	20.8	20.3	23.8	91	..	1.3	..	1.1	0	0	4	00	0	2	1	0	0	1	0	25	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — FEBRUARY 1968 (MAGHA 12 - PHALGUN 10, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADRAS STATE (INCLUDING PONDICHERRY)																											
MADRAS (MINAMBAKKAM)	0830	16	1014.8	1013.0	+0.8	24.6	22.2	20.9	24.9	80	+ 0	2.4	-0.6	6.8	0	0	24	00	0	2	0	2	4	12	4	5	0
	1130	16	1014.5	1012.7	..	29.7	22.9	19.1	22.2	53	..	2.6	..	9.7	0	0	28	00	2	9	9	4	2	1	0	1	1
	1430	16	1011.7	1010.0	..	30.3	22.9	18.9	22.1	51	..	2.2	..	13.1	0	3	25	01	4	11	8	3	0	0	0	1	1
	1730	16	1011.5	1009.8	+0.8	27.9	22.7	20.0	23.4	62	- 1	1.8	-0.7	12.8	0	2	27	00	2	16	10	1	0	0	0	0	0
	2030	16	1013.6	1011.8	..	25.0	22.1	20.7	24.1	77	..	0.8	..	5.7	0	0	17	00	0	8	8	1	0	0	0	12	0
	2330	16	1014.0	1012.2	..	23.6	21.6	20.5	24.1	83	..	1.1	..	3.9	0	0	12	00	0	4	7	1	0	0	0	17	0
VELLORE	0530	214	1013.0	988.3	..	20.1	18.9	18.1	20.8	89	..	2.5	..	1.4	0	0	8	00	0	2	2	4	0	0	0	21	0
	0830	214	1015.2	990.6	+0.9	21.7	19.3	17.8	20.5	78	- 1	2.4	-0.9	1.4	0	0	7	01	1	0	2	1	1	1	0	22	0
	1130	214	1014.3	990.3	..	28.7	21.1	16.4	18.8	48	..	2.0	..	5.6	0	0	24	01	1	5	6	11	0	0	0	5	0
	1730	214	1010.1	986.3	+0.7	30.7	20.6	13.9	16.1	37	- 4	1.4	-1.2	7.7	0	0	29	00	3	7	15	4	0	0	0	0	0
	2330	214	1014.2	989.8	..	23.9	20.3	18.1	20.9	70	..	1.0	..	3.2	0	0	17	00	1	4	8	4	0	0	0	12	0
TAMBARAM AERODROME	0830	29	1014.4	1011.1	..	25.5	23.2	22.1	26.6	82	..	1.9	..	7.2	0	0	19	00	0	2	2	0	6	4	4	10	1
	1730	29	1011.3	1008.1	..	28.4	22.6	19.2	22.7	59	..	1.6	..	21.7	0	12	17	00	0	9	16	4	0	0	0	0	0
TIRUPPATTUR	0830	390	1012.6	968.6	-1.5	22.5	21.1	20.5	23.8	88	+ 5	4.3	+0.4	3.8	0	0	29	22	0	0	0	7	0	0	0	0	0
	1730	390	1007.2	964.0	-1.9	26.2	23.1	21.3	25.6	74	+28	6.9	+2.7	6.5	0	0	29	10	0	1	0	18	0	0	0	0	0
METTUR DAM R.S.	0830		..	..	..	25.5	20.1	16.7	19.3	58	..	2.0	..	3.9	0	0	23	00	5	0	6	0	8	0	4	6	0
	1730		..	..	..	33.3	20.5	11.3	13.7	27	..	2.0	..	7.9	0	0	29	00	8	0	9	0	11	0	1	0	0
CUDDALORE	0530	12	1012.4	1011.0	..	21.5	20.5	20.1	23.2	92	..	2.1	..	0.6	0	0	2	00	1	0	1	0	0	0	0	27	0
	0830	12	1014.3	1012.9	+0.3	24.3	22.2	21.1	25.0	82	- 2	2.6	-0.9	5.6	0	0	25	02	4	0	3	0	3	2	11	4	0
	1130	12	1014.6	1013.2	..	28.9	23.1	20.1	23.5	59	..	3.7	..	8.3	0	0	28	00	6	1	20	1	0	0	0	1	0
	1430	12	1011.7	1010.4	..	29.7	23.5	20.8	23.8	61	..	2.4	..	10.3	0	0	29	01	6	2	19	1	0	0	0	0	0
	1730	12	1011.4	1010.0	+0.5	27.5	22.9	20.6	24.1	66	- 4	1.3	-2.1	8.5	0	0	29	00	2	12	15	0	0	0	0	0	0
	2330	12	1013.7	1012.3	..	24.7	22.1	20.8	24.4	79	..	1.2	..	3.9	0	0	13	00	0	2	11	0	0	0	0	16	0
KALLAKKURICHCHI	0830	127	1014.6	1000.0	+0.7	23.2	20.6	19.0	22.1	78	+ 4	1.5	-1.4	0.1	0	0	1	00	1	0	0	0	0	0	0	28	0
	1730	127	1009.5	995.4	+0.5	31.2	22.3	16.9	19.6	43	+ 0	1.5	-1.4	3.4	0	0	14	00	13	1	0	0	0	0	0	15	0
SALEM	0530	278	1012.3	980.5	..	20.9	18.4	16.9	19.1	78	..	1.1	..	2.3	0	0	13	00	1	12	0	0	0	0	0	16	0
	0830	278	1014.5	983.0	+0.8	22.8	18.9	16.3	18.6	67	- 5	1.0	-1.1	3.9	0	0	20	02	2	9	2	0	0	0	0	9	5
	1130	278	1013.5	982.6	..	29.3	20.1	13.7	15.1	39	..	1.1	..	4.8	0	0	23	00	2	9	2	0	2	1	0	6	7
	1730	278	1008.5	977.6	+0.2	31.8	20.1	11.7	13.9	30	- 5	1.5	-1.0	6.1	0	0	28	00	2	21	3	1	0	0	0	1	1
	2330	278	1012.8	981.5	..	25.0	19.6	16.1	18.4	58	..	0.5	..	11.2	0	0	29	00	0	26	3	0	0	0	0	0	0
COIMBATORE (PILAMEDU)	0530	399	1012.8	967.5	..	20.2	19.3	18.8	21.6	92	..	1.4	..	9.0	0	0	20	06	8	4	0	1	1	0	0	9	0
	0830	399	1014.7	969.7	+1.0	22.4	21.0	20.3	23.7	88	+17	2.3	-0.9	10.7	0	1	20	02	9	10	0	0	0	0	0	8	0
	1130	399	1013.4	969.2	..	28.0	23.5	21.1	25.3	67	..	2.0	..	13.9	0	6	19	01	10	10	2	2	0	0	0	4	0
	1430	399	1009.3	965.7	..	31.5	24.3	20.9	24.4	55	..	1.7	..	17.7	0	11	17	00	7	14	5	1	1	0	0	1	0
	1730	399	1008.3	964.8	+0.8	31.6	24.0	20.0	23.7	51	+19	1.6	-1.2	20.7	0	17	12	00	4	20	1	2	2	0	0	0	0
	2030	399	1011.3	967.0	..	27.1	22.5	19.8	23.5	66	..	0.8	..	15.7	0	5	21	00	1	15	5	2	3	0	0	3	0
	2330	399	1013.0	968.3	..	24.4	21.8	20.3	24.0	80	..	0.5	..	17.2	0	9	20	02	1	14	4	3	5	0	0	0	0
COIMBATORE	0830	409	1014.4	967.7	+0.1	23.2	19.5	17.3	19.7	70	+ 0	3.4	-0.1	4.8	0	0	29	04	23	0	1	0	1	0	0	0	0
NAGAPATTINAM	0830	9	1014.5	1013.4	+0.8	25.6	22.3	20.6	24.1	75	- 2	3.3	-0.7	9.2	0	5	21	05	5	5	1	0	2	1	7	3	0
	1730	9	1011.1	1010.0	+0.5	27.6	22.9	20.4	24.1	65	- 7	3.7	+0.5	19.7	0	17	12	01	14	7	7	0	0	0	0	0	0
TIRUCHCHIRAPPALLI	0230	88	1012.0	1001.9	..	21.4	20.2	19.5	22.7	89	..	1.2	..	4.7	0	0	22	13	4	0	2	0	1	1	1	7	0
	0530	88	1012.1	1002.0	..	20.8	19.9	19.3	22.4	91	..	1.5	..	3.2	0	0	18	05	2	0	0	1	1	6	3	11	0
	0830	88	1014.3	1004.3	+0.5	24.0	21.3	19.9	23.2	78	+ 0	2.4	-0.7	6.3	0	0	25	06	4	1	2	2	1	4	5	4	0
	1130	88	1014.0	1004.1	..	28.9	21.8	17.8	20.2	51	..	3.2	..	11.7	0	2	27	04	15	3	2	3	1	0	1	0	0
	1430	88	1010.4	1000.6	..	31.7	21.8	15.8	18.1	39	..	2.5	..	14.5	0	6	23	03	18	3	2	2	1	0	0	0	0
	1730	88	1009.7	999.9	+0.5	30.8	21.5	15.7	18.1	38	- 5	2.1	-1.0	17.9	0	11	18	01	16	11	1	0	0	0	0	0	0
	2030	88	1012.2	1002.3	..	25.8	21.1	18.3	21.1	64	..	0.4	..	15.7	0	5	24	00	12	13	4	0	0	0	0	0	0
	2330	88	1013.4	1003.3	..	22.8	20.7	19.6	22.7	82	..	0.5	..	8.4	0	1	28	04	14	7	3	1	0	0	0	0	0
VEDARANNIYAM	0830	4	1014.2	1013.7	..	26.2	22.9	21.3	25.3	74	..	4.2	..	3.0	0	0	29	06	9	3	4	2	2	0	3	0	0
	1730	4	1010.9	1010.4	..	28.2	23.4	21.0	24.9	65	..	4.0	..	3.2	0	0	29	03	14	6	5	1	0	0	0	0	0
ATIRAMPATTINAM	0830	6	1014.1	1013.4	..	24.4	22.2	21.0	25.0	82	..	2.3	..	6.4	0	0	29	13	4	1	0	1	0	1	9	0	0
	1730	6	1010.6	1009.9	..	28.7	22.4	18.9	21.8	56	..	2.1	..	15.0	0	4	25	00	9	10	6	4	0	0	0	0	0
MADURAI	0830	133	1014.4	999.2	+0.8	24.0	21.3	19.8	23.2	78	+ 4	4.5	+0.8	4.0	0	0	24	13	3	2	2	0	0	1	3	5	0
MADURAI AERODROME	0530	131	1012.2	997.0	..	20.6	19.7	19.1	22.1	91	..	1.8	..	4.8	0	0	20	10	6	2	0	0	0	0	2	9	0
	0830	131	1014.4	999.3	+0.6	24.2	21.2	19.6	22.7	76	+ 1	2.7	-0.9	8.1	0	0	26	14	9	2	0	0	0	0	1	3	0
	1130	131	1013.8	999.0	..	29.1	21.7	17.3	20.0	49	..	3.1	..	12.1	0	1	27	02	15	9	2	0	0	0	0	1	0
	1730	131	1009.4	994.9	+0.5	31.2	21.0	14.4	16.5	36	- 8	2.1	-1.8	17.2	0	12	17	00	9	19	1	0	0	0	0	0	0
TONDI	0830	5	1014.4	1013.8	+0.8	25.0	22.5	21.2	25.3	79	- 2	3.6	-1.3	6.1	0	0	24	12	4	2	1	0	0	0	5	5	0
	1730	5	1010.9	1010.3	+0.8	27.7	23.4	21.3	25.3	68	- 9	2.7	-2.1	14.2	0	5	24	00	16	8	4	1	0	0	0	0	0
PAMBAN	0830	11	1013.8	1012.5	+0.5	26.3	22.6	20.6	24.4	71	- 6	3.5	-0.2	14.9	0	5	24	00	11	12	2	2	0	1	1	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY, 1968 (MAGHA 12 - PHALGUN 10, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or M. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADRAS STATE (INCLUDING PONDICHERRY																											
PAMBAN	1730	11	1010.4	1009.1	+0.6	27.5	23.1	20.9	24.7	67	-10	2.0	-0.8	15.6	0	10	19	03	20	2	0	4	0	0	0	0	0
TUTICORIN	0830	4	1014.4	1014.0	+1.0	24.8	22.3	20.9	24.9	79	+ 4	1.9	-1.1	11.2	0	1	28	18	2	1	0	1	0	1	6	0	0
	1730	4	1010.3	1009.9	+1.0	27.7	23.9	22.1	26.6	72	- 1	1.1	-1.1	23.6	0	18	11	00	3	21	4	1	0	0	0	0	0
PALAYANKOTTAI	0830	51	1015.2	1009.4	+1.9	24.8	22.3	21.0	24.9	79	+ 4	3.4	-0.8	6.6	0	0	28	27	0	1	0	0	0	0	0	1	0
	1730	51	1009.7	1004.0	+0.9	30.4	23.1	19.7	22.4	53	- 1	2.4	-1.2	11.7	0	1	28	01	11	10	3	4	0	0	0	0	0
KANNIYAKUMARI	0830	37	1012.8	1008.7	..	25.7	21.8	19.6	22.9	70	..	4.3	..	10.0	0	13	16	16	10	0	0	0	0	2	1	0	0
	1730	37	1009.5	1005.4	..	27.8	23.5	21.3	25.3	67	..	2.3	..	23.4	0	18	11	00	11	12	3	0	3	0	0	0	0
PONDICHERRY	0830	6	1014.4	1013.7	..	24.9	23.3	22.5	27.3	87	..	2.6	..	10.7	0	3	25	05	0	2	2	0	1	4	14	1	0
	1730	6	1011.3	1010.6	..	27.1	24.4	23.1	28.3	79	..	1.5	..	21.1	0	15	14	00	0	11	17	1	0	0	0	0	0
PORT NOVA	0830	3	1014.4	1014.1	..	26.2	23.2	21.6	25.9	76	..	4.7	..	4.1	0	0	29	05	1	4	4	1	2	2	10	0	0
TUTICURIN H.P.	0830	3	1014.2	1013.9	..	25.0	22.7	21.5	25.6	81	..	2.5	..	17.0	0	11	18	20	2	3	0	1	0	1	2	0	0
	1130	3	1014.1	1013.8	..	28.2	23.6	21.2	25.3	66	..	1.5	..	18.6	0	15	14	03	18	5	2	1	0	0	0	0	0
	1430	3	1010.9	1010.6	..	28.9	24.1	21.7	26.1	65	..	1.8	..	22.7	0	26	3	00	5	18	6	0	0	0	0	0	0
	1730	3	1010.0	1009.7	..	27.7	23.7	21.7	25.9	70	..	1.7	..	25.0	0	24	5	00	8	15	3	3	0	0	0	0	0
COASTAL MYSORE																											
KARWAR	0830	4	1014.2	1013.7	+1.4	22.2	20.2	19.0	22.1	82	+ 2	1.3	-0.6	2.3	0	0	28	01	4	17	4	0	0	0	1	1	1
	1730	4	1010.3	1009.8	+0.9	28.1	23.7	21.4	25.6	67	+ 1	0.5	-1.2	9.7	0	1	28	00	0	0	0	0	2	5	21	0	1
HONAVAR	0830	26	1013.8	1010.8	+0.5	22.4	20.4	19.2	22.4	82	+ 7	2.2	-0.5	4.5	0	0	27	00	7	19	0	0	0	1	0	2	0
	1730	26	1010.1	1007.1	+0.4	28.7	23.7	21.0	25.2	63	- 1	0.6	-1.8	7.1	0	0	29	00	0	0	0	0	0	20	9	0	0
MANGALORE (BAJPE)	0230	102	1011.3	999.7	..	23.9	22.1	21.1	25.2	84	..	2.4	..	3.5	0	0	13	10	1	2	0	0	0	0	0	16	0
	0530	102	1011.3	999.6	..	22.9	21.5	20.7	24.6	87	..	2.1	..	4.1	0	0	16	04	4	8	0	0	0	0	0	13	0
	0830	102	1013.5	1001.9	+0.6	25.2	22.3	20.7	24.6	76	+ 3	1.9	-0.4	7.1	0	0	24	01	3	18	2	0	0	0	0	5	0
	1130	102	1013.1	1001.7	..	30.5	22.9	18.7	21.6	50	..	2.7	..	8.4	0	0	22	03	1	3	2	3	2	6	2	7	0
	1430	102	1009.9	998.6	..	31.2	23.9	20.1	23.7	52	..	2.2	..	20.1	0	16	13	00	0	0	0	0	3	25	1	0	0
	1730	102	1009.3	997.9	+0.3	28.3	23.5	20.8	25.0	63	+ 5	2.5	+0.4	19.6	0	15	14	00	0	0	0	0	1	13	15	0	0
	2030	102	1011.6	1000.1	..	25.9	23.0	21.5	25.6	77	..	2.0	..	6.8	0	0	20	06	0	0	0	0	0	4	10	9	0
	2330	102	1012.5	1000.9	..	24.8	22.5	21.3	25.3	81	..	2.3	..	5.4	0	0	18	15	0	1	0	0	0	0	2	11	0
MANGALORE	0830	22	1013.5	1011.0	+0.7	25.1	22.1	20.5	24.1	76	+ 1	2.0	-0.3	3.0	0	0	29	00	4	18	7	0	0	0	0	0	0
	1730	22	1009.6	1007.1	+0.5	28.8	24.3	22.2	26.6	68	+ 2	0.6	-1.5	6.4	0	0	29	01	0	1	0	0	3	9	10	0	5
MANGALORE H.P.	0830	32	1013.2	1009.5	..	24.9	22.6	21.4	25.6	81	..	1.8	..	4.9	0	0	29	00	3	16	10	0	0	0	0	0	0
	1130	32	1013.3	1009.7	..	30.0	23.7	20.4	24.1	57	..	1.5	..	10.6	0	0	29	01	0	2	2	3	0	8	13	0	0
	1730	32	1009.2	1005.6	..	28.4	23.8	21.6	25.6	67	..	1.2	..	16.9	0	10	19	04	0	0	0	0	0	7	18	0	0
INTERIOR MYSORE, NORTH																											
BIDAR	0830	664	1014.0	940.1	+0.8	21.9	15.5	10.5	12.9	53	+ 3	3.0	+1.3	10.4	0	2	26	03	1	1	6	8	1	1	7	1	0
	1730	664	1007.8	936.2	+0.3	29.1	18.0	9.9	12.5	33	+ 4	2.6	+0.2	9.2	0	2	24	02	4	5	2	3	6	3	1	3	0
GULBARGA	0830	458	1013.5	961.9	-0.3	22.7	15.7	10.7	12.8	49	+ 6	2.5	+1.4	5.1	0	1	11	04	1	6	0	1	0	0	0	16	0
	1730	458	1007.7	957.9	-0.1	32.5	19.0	9.8	12.1	26	+ 2	3.7	+1.8	7.2	0	1	20	00	0	6	1	3	6	3	2	8	0
BIJAPUR	0830	594	1014.2	947.1	+0.2	20.4	15.5	11.7	14.0	58	+11	2.0	+0.6	5.7	0	0	26	08	3	1	2	0	2	7	3	3	0
	1730	594	1006.7	942.8	-0.2	32.0	21.2	15.0	17.3	36	+10	3.7	+1.6	3.3	0	0	27	03	1	2	4	2	5	4	6	2	0
RAICHUR	0830	400	1013.3	968.5	+0.0	24.9	18.1	13.1	15.3	49	- 5	2.8	+1.3	3.4	0	0	28	00	7	1	14	0	4	0	2	1	0
	1730	400	1007.9	964.5	-0.1	32.4	19.3	9.1	11.7	25	- 4	3.3	+1.2	3.9	0	0	28	00	7	1	18	0	1	0	1	1	0
BELGAUM	0830	753	1014.7	930.9	+1.0	19.6	15.7	12.7	15.0	65	+ 4	0.8	+0.0	0.7	0	0	5	00	1	4	0	0	0	0	0	24	0
	1730	753	1007.1	926.5	-0.2	29.6	14.7	13.6	15.7	38	+ 8	0.8	-0.6	3.4	0	0	21	02	0	1	0	4	3	10	1	8	0
BELGAUM (SAMKA)	0530	747	1012.4	928.7	..	17.8	14.2	11.2	13.6	67	..	1.4	..	1.0	0	0	6	02	1	2	1	0	0	0	0	23	0
	0830	747	1013.8	930.9	+0.4	21.0	14.9	10.1	12.5	51	+ 1	2.1	+0.5	3.3	0	0	15	02	7	1	4	0	0	1	0	14	0
	1130	747	1012.0	931.0	..	27.8	16.3	6.6	10.1	27	..	1.2	..	10.0	0	2	26	03	6	4	6	3	1	2	1	1	2
	1430	747	1008.0	928.0	..	30.5	17.2	6.4	9.9	23	..	2.6	..	9.7	0	2	23	00	1	0	3	4	6	8	2	4	1
	1730	747	1007.3	927.2	+0.0	29.7	17.5	8.1	11.1	27	- 1	2.4	+0.4	13.9	0	9	17	00	3	1	2	1	7	11	1	3	0
	2030	747	1011.4	929.3	..	23.3	18.0	14.5	16.7	58	..	1.0	..	11.8	0	3	25	00	0	0	0	0	8	19	1	1	0
GADAG	0530	650	1012.0	939.3	..	19.8	18.1	17.0	19.5	85	..	1.4	..	3.4	0	0	14	01	0	0	1	0	3	9	0	15	0
	0830	650	1013.7	941.1	+0.1	21.2	18.8	17.3	20.0	80	+26	1.0	-1.3	2.6	0	0	18	03	0	4	2	1	0	8	0	11	0
	1130	650	1012.0	941.4	..	29.3	23.1	19.8	23.7	59	..	0.9	..	5.8	0	0	23	01	4	4	5	2	2	3	1	6	1
	1430	650	1007.9	938.3	..	32.2	24.2	20.1	24.3	51	..	2.2	..	5.9	0	0	22	01	3	2	3	4	3	3	0	7	3
	1730	650	1006.7	937.3	+0.1	32.0	24.1	20.1	24.1	52	+21	2.6	-0.2	4.9	0	0	24	04	3	7	1	3	2	4	0	5	0
	2030	650	1010.2	939.2	..	26.6	21.5	18.6	21.8	63	..	1.3	..	6.2	0	0	22	00	0	8	3	1	3	7	0	7	0
	2330	650	1012.0	940.2	..	23.7	20.7	19.0	22.2	76	..	1.3	..	8.0	0	0	28	00	1	5	4	1	1	15	1	1	0
BIDAR A.F.	0530	665	1012.3	937.7	..	19.5	14.8	10.5	13.4	60	..	1.6	..	10.7	0	0	28	02	4	2	7	6	2	2	3	1	0
	0830	665	1014.0	939.4	..	21.7	15.3	9.9	12.9	50	..	2.5	..	13.2	0	4	24	05	3	1	6	9	2	0	2	1	0
	1130	665	1012.9	940.2	..	27.5	17.6	10.0	12.9	37	..	2.1	..	14.5	0	21	7	02	3	0	2	16	3	2	0	1	0
	1730	665	1008.4	936.3	..	29.1	17.5	8.8	11.5	31	..	3.0	..	11.2	0	1	27	02	3	5	0	5	7	3	3	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — FEBRUARY, 1968 (MAGHA 12 - PHALGUN 10, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lat. in gens. of mean standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															42 or more	20 to 41	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
INTERIOR MYSORE NORTH (CONTD.)																											
BIDAR A.F.	2330	665	1012.1	938.8	..	24.1	16.4	10.1	13.0	44	..	2.0	..	10.7	0	1	26	04	6	8	2	2	4	1	0	2	0
INTERIOR MYSORE, SOUTH																											
BELLARY	0830	449	1013.8	963.3	+0.5	23.1	19.7	17.5	20.2	72	+21	1.8	-0.2	7.7	0	0	26	00	0	0	11	9	1	0	5	3	0
	1730	449	1007.5	959.0	+0.0	33.5	24.6	20.2	23.5	47	+22	3.7	+1.2	8.1	0	0	26	01	0	2	12	8	1	1	1	3	0
CHITRADURGA	0830	733	1013.1	932.0	+0.1	21.7	17.0	13.8	15.9	62	+ 6	1.4	-0.6	4.0	0	1	14	01	0	2	5	1	4	2	0	14	0
	1730	733	1006.5	927.8	-0.3	31.1	19.1	11.1	13.4	31	+ 7	1.2	-1.2	6.3	0	0	26	01	2	12	7	0	0	1	3	3	0
SHIMOGA	0830	571	1013.9	949.8	+0.5	20.5	17.8	16.0	18.4	76	+ 0	3.7	+1.1	0.3	0	0	4	00	0	0	0	0	3	0	1	25	0
	1730	571	1006.4	945.6	+0.9	31.9	19.1	10.0	12.7	27	+ 0	3.4	+0.9	2.1	0	0	21	00	4	6	0	1	2	8	0	8	0
AGUMBE	0830		..	..	..	19.7	16.8	15.0	16.9	76	..	.	..	2.7	0	0	25	00	23	1	0	0	1	0	0	4	0
BALEHONNUR	0830		..	..	..	21.3	17.4	15.0	16.9	69	-10	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
HASSAN	0830	960	1522.6	908.2	+0.0	17.5	15.6	14.3	16.3	82	+13	1.8	-0.4	1.4	0	0	9	00	0	2	0	0	2	3	2	20	0
	1730	960	1511.5	904.7	+0.2	28.8	17.9	10.0	12.5	33	+ 2	1.6	-1.3	2.6	0	0	29	00	1	14	5	1	6	1	1	0	0
BANGALORE	0230	921	1517.6	911.5	..	18.9	16.8	15.5	17.6	81	..	1.5	..	5.3	0	0	23	00	0	16	7	0	0	0	0	6	0
	0830	921	1532.8	913.1	+0.8	19.4	17.0	15.4	17.6	78	+11	1.9	-0.7	4.6	0	0	22	01	0	8	8	1	4	0	0	7	0
	1130	921	1547.6	913.2	..	26.3	18.9	14.4	16.4	48	..	1.7	..	7.3	0	0	28	00	2	12	9	0	5	0	0	1	0
	1430	921	1531.5	910.8	..	29.1	19.4	13.5	15.5	39	..	2.2	..	7.4	0	1	26	00	0	15	10	0	1	1	0	2	0
	1730	921	1523.1	910.2	+1.2	28.0	18.9	13.2	15.2	41	+12	2.3	-0.5	5.6	0	0	23	00	0	16	7	0	0	0	0	6	0
	2030	921	1529.2	911.8	..	23.7	17.6	13.7	15.8	54	..	1.0	..	7.2	0	1	27	00	1	20	6	0	1	0	0	1	0
BANGALORE AERODROME	0530	897	1504.8	913.2	..	17.1	15.6	14.5	16.6	85	..	1.9	..	4.9	0	0	18	00	0	10	5	3	0	0	0	11	0
	0830	897	1530.1	915.3	+0.5	19.6	16.6	14.6	16.7	74	+10	2.2	-0.6	9.7	0	2	24	00	0	12	7	2	5	0	0	3	0
	1130	897	1544.5	915.3	..	26.1	17.8	11.8	14.3	43	..	1.9	..	15.8	0	9	20	00	0	15	8	2	3	1	0	0	0
	1730	897	1513.3	911.6	+0.3	28.1	18.1	10.8	13.5	36	+ 6	2.5	-0.5	14.4	0	6	23	00	2	18	6	0	3	0	0	0	0
	2330	897	1524.3	914.5	..	20.4	16.6	14.1	16.1	68	..	0.7	..	13.1	0	4	25	00	0	18	11	0	0	0	0	0	0
MYSORE	0830	767	1014.1	929.1	+0.7	20.6	16.9	14.4	16.5	68	- 1	2.8	+0.0	6.5	0	0	29	02	2	5	3	5	6	3	3	0	0
	1730	767	1006.6	924.7	+0.1	30.2	17.2	6.6	10.1	24	- 1	2.4	-0.5	12.7	0	1	28	07	4	14	0	2	0	2	0	0	0
YALANKA A.F.	0530	932	1506.9	910.1	..	16.1	14.6	13.6	15.5	85	..	1.6	..	12.7	0	1	27	00	0	9	14	3	2	0	0	1	0
	0830	932	1532.0	912.0	..	20.3	16.6	14.1	16.2	69	..	2.3	..	14.2	0	1	28	01	0	5	13	6	4	0	0	0	0
	1130	932	1547.1	912.1	..	27.2	17.6	10.5	13.1	38	..	2.1	..	17.5	0	9	20	00	1	9	9	7	1	2	0	0	0
	1730	932	1514.0	908.4	..	28.3	16.9	7.9	10.9	29	..	2.6	..	15.7	0	3	26	01	1	16	4	5	0	2	0	0	0
	2330	932	1522.8	911.2	..	20.0	15.7	12.7	14.7	64	..	1.3	..	15.4	0	1	28	00	0	14	13	2	0	0	0	0	0
KERALA																											
CALICUT	0530	5	1011.5	1010.9	..	23.8	22.1	21.1	25.3	85	..	1.2	..	3.1	0	0	23	02	2	18	0	0	0	1	0	6	0
	0830	5	1013.3	1012.7	+0.6	25.8	22.6	20.6	24.9	75	- 1	1.2	-1.6	1.6	0	0	15	01	0	13	0	0	0	0	1	14	0
	1130	5	1013.3	1012.7	..	29.8	24.7	22.2	26.9	64	..	2.1	..	4.5	0	0	27	02	0	0	0	0	0	21	4	2	0
	1430	5	1011.0	1010.4	..	31.4	25.3	22.6	27.3	60	..	1.5	..	4.6	0	0	29	04	0	0	0	1	0	23	1	0	0
	1730	5	1009.8	1009.2	+0.8	28.9	24.6	22.4	27.3	68	+ 2	1.7	-1.0	4.6	0	0	29	04	0	2	0	0	0	20	3	0	0
	2330	5	1012.4	1011.8	..	26.7	23.9	22.6	27.6	78	..	1.1	..	3.4	0	0	21	02	5	9	0	0	0	0	5	8	0
PALGHAT	0830	97	1013.8	1002.7	+0.8	25.6	21.9	20.0	23.4	69	+ 5	2.3	-0.2	8.9	0	0	29	00	0	24	1	0	0	4	0	0	0
	1730	97	1008.5	998.1	+1.3	34.1	22.9	16.1	18.5	35	+ 2	2.5	-0.5	8.1	0	0	29	00	0	24	0	0	0	5	0	0	0
FORT COCHIN	0830	3	1013.6	1013.3	+0.9	27.3	24.2	22.5	27.6	75	+ 3	5.6	+1.9	4.9	0	0	28	02	14	11	1	0	0	0	0	1	0
	1730	3	1008.9	1008.6	+0.3	29.3	25.5	23.9	29.5	72	+ 4	5.1	+1.9	13.8	0	0	29	00	0	0	0	0	2	21	6	0	0
COCHIN (NAVAL AIR STATION)	0230	3	1011.5	1011.2	..	24.7	23.1	22.3	26.9	87	..	3.1	..	0.9	0	0	3	00	1	1	1	0	0	0	0	26	0
	0530	3	1011.3	1011.0	..	23.7	22.6	22.1	26.6	90	..	2.7	..	1.9	0	0	6	00	2	2	1	0	1	0	0	23	0
	0830	3	1013.2	1012.9	..	26.0	23.1	21.7	25.9	78	..	2.5	..	4.6	0	0	29	00	0	0	0	0	4	18	7	0	0
	1130	3	1013.5	1013.1	..	29.6	23.9	21.1	25.0	61	..	3.1	..	7.5	0	0	25	01	1	0	2	3	1	9	7	4	1
	1730	3	1009.1	1008.8	..	29.4	24.4	21.8	26.4	64	..	1.9	..	15.3	0	0	29	00	0	0	0	0	3	19	7	0	0
	2330	3	1012.6	1012.3	..	25.9	23.7	22.6	27.6	82	..	3.9	..	2.2	0	0	7	00	0	3	1	1	0	0	2	22	0
ALLEPPEY	0830	4	1013.2	1012.8	+1.1	25.6	23.2	21.9	23.4	80	+ 4	2.7	-1.5	5.0	0	0	29	00	5	9	14	1	0	0	0	0	0
	1730	4	1009.6	1009.2	+1.3	29.6	25.0	22.8	27.9	67	- 3	1.9	-1.7	19.2	0	15	14	01	0	0	0	0	0	12	16	0	0
PUNALUR	0830	34	1013.4	1009.7	+1.1	24.9	21.8	20.1	23.5	75	- 3	3.2	+0.0	0.4	0	0	3	00	0	1	2	0	0	0	0	26	0
	1730	34	1008.4	1004.7	+0.2	33.2	23.7	18.9	21.6	49	+ 4	5.7	+1.1	5.6	0	0	27	00	1	2	13	10	0	0	1	2	0
TRIVANDRUM	0230	64	1011.1	1003.7	..	24.0	22.1	21.0	25.0	83	..	0.9	..	0.9	0	0	5	01	1	0	1	0	0	1	1	24	0
	0530	64	1011.1	1003.7	..	22.9	21.2	20.3	23.8	85	..	1.8	..	4.9	0	0	22	01	16	2	0	1	0	0	0	2	0
	0830	64	1013.3	1005.9	+0.7	25.1	22.0	20.3	23.8	75	- 4	2.5	+0.2	5.1	0	0	28	03	18	1	4	0	0	0	2	1	0
	1130	64	1012.9	1005.6	..	29.8	23.1	19.5	22.8	55	..	3.7	..	9.5	0	0	29	01	4	0	1	3	5	9	5	0	1
	1430	64	1010.0	1002.7	..	30.1	23.5	20.0	23.5	55	..	2.3	..	14.0	0	2	27	00	0	0	0	5	12	8	4	0	0
	1730	64	1009.5	1002.3	+0.4	28.8	23.3	20.5	24.1	61	- 2	3.1	-0.5	11.0	0	0	29	01	0	0	0	1	13	11	2	0	1
	2030	64	1011.8	1004.5	..	26.3	23.2	21.6	25.9	76	..	2.5	..	6.1	0	0	26	02	2	1	1	1	7	10	2	3	0
	2330	64	1012.6	1005.3	..	25.2	22.8	21.6	25.8	81	..	2.7	..	4.3	0	0	19	08	2	0	1	0	1	3	4	10	0
TRIVANDRUM AERODROME	0830	8	1013.6	1012.7	+1.6	25.9	22.1	20.1	23.5	71	- 3	3.0	+0.0	6.6	0	0	21	03	8	5	4	1	0	0	0	8	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – FEBRUARY, 1968 (MAGHA 12 - PHALGUN 10, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gram. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry bulb	Mean temperature in °C Wet bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
ARABIAN SEA ISLANDS																											
AMINI	0530	4	1010.9	1010.5	..	25.3	22.6	21.1	25.3	78	..	2.3	..	9.9	0	3	23	12	6	0	0	0	0	0	8	3	0
	0830	4	1013.1	1012.6	+0.4	26.5	23.1	21.5	25.5	74	+ 1	2.5	-0.6	7.5	0	0	26	12	8	2	0	0	0	0	4	3	0
	1130	4	1013.6	1013.1	..	29.5	24.1	21.4	25.6	62	..	2.1	..	12.0	0	0	29	20	3	1	0	0	0	0	5	0	0
	1730	4	1009.7	1009.3	..	28.6	24.0	21.8	26.1	65	..	3.0	..	11.3	0	2	26	22	2	0	0	0	0	0	4	1	0
	2330	4	1012.3	1011.9	..	26.1	23.1	21.6	25.8	76	..	1.5	..	13.2	0	5	24	16	0	0	0	0	0	1	12	0	0
AGATTI	0830	4	1013.3	1012.8	..	25.9	23.5	22.3	26.9	80	..	4.2	..	7.0	0	0	29	28	0	0	0	0	0	0	1	0	0
	1730	4	1010.5	1010.0	..	28.7	23.8	21.5	25.3	65	..	4.1	..	6.3	0	0	29	28	1	0	0	0	0	0	0	0	0
ANDROTH	0830	5	1013.8	1013.3	..	27.0	24.4	23.1	28.4	77	..	4.9	..	3.9	0	0	26	06	11	0	0	0	0	0	5	3	4
	1730	5	1006.9	1006.4	..	27.5	24.7	22.9	28.8	71	..	4.5	..	3.9	0	0	26	04	16	0	0	0	0	0	4	3	2
MINICOY	0530	2	1011.2	1010.9	..	23.9	22.0	21.0	24.9	84	..	2.4	..	0.9	0	0	5	02	2	1	0	0	0	0	0	24	0
	0830	2	1013.4	1013.2	+0.4	26.8	23.4	21.8	25.9	74	- 3	2.4	-1.3	3.8	0	0	21	04	8	6	0	0	0	0	3	8	0
	1130	2	1013.7	1013.5	..	29.9	24.6	22.0	26.6	63	..	3.2	..	7.0	0	0	29	11	11	4	0	0	0	0	3	0	0
	1430	2	1011.1	1010.9	..	30.0	24.6	22.1	26.4	63	..	3.2	..	6.8	0	0	29	12	10	3	0	0	0	0	4	0	0
	1730	2	1010.3	1010.1	+0.8	28.8	24.2	22.0	26.4	66	- 6	2.7	-1.3	5.7	0	0	27	12	11	1	0	0	0	0	3	2	0
	2030	2	1011.8	1011.6	..	26.2	23.0	21.5	25.5	75	..	2.0	..	2.4	0	0	13	03	8	0	1	0	0	0	1	16	0
	2330	2	1012.7	1012.5	..	25.0	22.5	21.1	25.3	79	..	2.1	..	3.9	0	0	20	05	12	0	1	0	0	0	2	9	0
ALL STATIONS (EXCLUDING KASHMIR)																											
DALHOUSIE	0830		(R)																								
	1730		(R)																								
DHARMASALA	0830	1211	1537.9	884.6	-0.4	9.7	6.3	1.9	7.0	60	+ 4	3.3	+0.3	2.0	0	0	12	02	7	1	2	0	0	0	0	17	0
	1730	1211	1526.3	882.9	-1.4	12.6	8.9	4.4	8.4	59	+ 4	4.1	+0.3	3.0	0	0	25	00	0	6	0	2	14	3	0	4	0
BHUNTAR	0830	1096	1508.2	894.3	..	3.9	3.1	2.0	7.1	88	..	3.7	..	3.6	0	0	21	06	1	3	1	3	0	1	6	8	0
	1130	1096	1513.6	894.0	..	9.5	6.1	2.7	7.4	60	..	3.8	..	4.4	0	0	25	05	5	7	3	2	0	0	3	4	0
	1730	1096	1485.4	890.6	..	12.2	8.0	3.0	7.6	56	..	4.7	..	5.4	0	1	20	04	0	3	2	3	1	2	6	8	0
SIMLA	0830	2202	1491.7	779.9	-0.9	4.4	1.2	4.5	4.2	60	+15	3.0	-0.2	1.8	0	0	23	00	2	0	12	2	6	0	1	6	0
	1730	2202	1480.8	779.1	-1.3	5.3	3.2	0.6	6.4	74	+15	5.0	+0.6	1.9	0	0	28	00	4	0	16	3	3	0	2	1	0
GHANGARIA (KANJALIA TUK)	0830		(R)																								
BADRINATH	0830		(R)																								
JOSHIMATH	0830		..	..	..	3.9	1.3	- 3.2	4.7	64	+13	0.3	-2.3	0.8	0	0	29	00	1	15	4	1	3	2	0	0	0
	1730		..	..	..	8.4	4.0	- 1.6	5.3	53	+ 5	0.4	-3.9	0.6	0	0	29	01	1	2	4	12	5	4	0	0	0
MUSSOURIE	0830	2042	1490.3	794.8	-2.4	5.0	1.8	- 2.6	4.9	61	+ 5	0.3	-3.0	1.2	0	0	15	06	2	0	1	2	0	0	4	14	0
	1730	2042	1460.4	794.5	-2.0	6.4	4.8	3.0	7.6	77	+ 6	0.6	-3.6	0.2	0	0	27	05	3	0	6	9	2	0	2	2	0
MUKTESWAR (KUMAUN)	0830	2311	3095.0	771.4	+0.0	4.5	0.9	- 5.3	3.9	53	+ 2	2.4	-0.3	8.7	0	5	19	02	5	6	0	0	0	6	5	5	0
	1730	2311	3088.1	770.4	+0.1	5.7	3.1	- 0.6	5.8	67	+ 7	3.3	+0.0	12.7	0	5	22	01	1	2	1	0	5	12	5	2	0
NAINITAL	0830	1953	1449.2	803.6	-0.8	5.3	2.1	- 4.0	2.6	57	+10	1.6	-0.7	3.0	0	0	15	06	0	2	1	0	0	5	1	14	0
	1730	1953	1440.7	803.8	+0.3	6.7	2.6	0.8	4.0	47	-14	2.7	+0.0	8.3	0	0	29	03	0	1	2	0	0	23	0	0	0
KALIMPONG	0830	1209	1504.4	880.8	+0.5	10.6	9.2	7.9	10.7	83	+ 6	0.9	-1.7	5.2	0	0	29	00	2	0	3	0	0	0	24	0	0
	1730	1209	1469.1	877.0	-0.7	10.9	9.5	8.2	10.9	84	+ 5	1.4	-2.3	5.6	0	0	29	00	1	0	28	0	0	0	0	0	0
DARJEELING	0830	2128	1510.5	789.2	-1.6	5.8	4.3	2.5	7.3	82	+ 8	5.5	+1.3	0.3	0	0	2	00	0	0	0	0	2	0	0	27	0
	1730	2128	1490.5	787.3	-1.4	6.0	4.9	3.8	8.0	85	+ 4	6.0	+0.5	3.0	0	0	14	00	0	0	0	0	13	1	0	15	0
KOHIMA	0830	1406	(R)																								
	1730	1406	(R)																								
SHILLONG (C.S.O.)	0830	1598	1502.1	840.5	+0.2	11.1	6.3	0.8	6.5	50	- 3	1.8	-0.3	5.8	0	0	27	02	0	1	0	1	7	8	8	2	0
	1730	1598	1483.2	838.6	+0.7	10.3	7.5	4.8	8.6	68	+ 1	4.0	-1.3	2.8	0	0	17	01	1	0	1	2	4	5	3	12	0
CHERRAPUNJI	0830	1313	1548.7	874.2	+3.9	13.2	9.6	6.0	9.3	62	+ 1	1.0	-1.1	5.4	0	0	29	00	8	0	0	0	20	0	1	0	0
	1730	1313	1532.2	872.5	+4.5	13.3	9.6	5.9	9.3	61	-12	0.3	-3.0	5.4	0	0	29	00	6	0	0	0	23	0	0	0	0
ABU	0830	1195	1507.5	882.0	-1.0	16.7	8.5	- 2.9	4.8	28	-14	1.2	-0.2	1.4	0	0	11	04	0	0	0	1	3	0	3	18	0
	1730	1195	1507.5	882.0	+0.4	16.7	8.5	- 2.9	4.8	28	- 6	1.2	-0.4	1.4	0	0	11	04	0	0	0	1	3	0	3	18	0
AIJAL	0830		(R)																								
	1730		(R)																								
PACHMARHI	0830	1075	1524.9	896.5	+0.0	15.5	10.7	5.6	9.4	54	+ 0	2.1	+0.2	1.7	0	0	17	03	3	1	1	3	3	2	1	12	0
	1730	1075	1511.4	894.1	+0.0	21.6	12.8	3.9	8.4	33	- 4	2.4	+0.1	2.3	0	0	29	01	3	1	1	3	3	5	12	0	0
MAHABALESHWAR	0830	1382	1527.2	864.8	+0.0	16.3	10.2	5.2	7.6	45	+ 2	0.3	-0.4	8.6	0	0	29	02	12	1	4	0	2	1	7	0	0
	1730	1382	1515.4	863.3	+0.4	24.5	15.0	6.9	9.9	33	- 7	0.3	-0.9	8.2	0	0	29	00	3	0	0	0	0	0	26	0	0
MERCARA	0830	1152	1530.3	888.4	+1.0	18.9	15.5	12.9	15.2	71	- 2	1.6	-0.5	7.0	0	1	23	02	14	3	1	0	0	0	3	5	1
	1730	1152	1506.4	885.2	+0.4	25.5	17.7	11.7	14.6	46	- 7	5.0	+0.3	12.2	0	2	27	05	8	2	0	0	2	1	11	0	0
OOTACAMUND	0830	2249	1532.9	781.5	+0.7	12.2	8.4	4.3	8.6	61	- 6	0.5	-1.2	0.7	0	0	4	00	4	0	0	0	0	0	0	25	0
	1730	2249	1501.3	779.7	+0.4	16.7	13.0	9.8	12.6	65	+ 5	2.3	-1.2	0.5	0	0	7	00	5	1	1	0	0	0	0	21	0
COONOOR	0830		..	..	..	17.4	11.3	6.1	9.5	50	-13	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
KODAIKANAL	0830	2343	3165.8	772.8	+0.4	13.5	7.3	0.9	6.2	42	-15	1.0	-1.4	13.5	0	4	24	02	16	3	5	2	0	0	0	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – FEBRUARY ,1968 (MAGHA 12 – PHALGUN 10,1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HILL STATION (EXCLUDING KASHMIR)																											
KODAIKANAL	1130	2343	3181.2	773.3	..	17.0	9.9	2.3	7.6	41	..	2.1	..	14.2	0	7	22	04	16	3	4	2	0	0	0	0	
	1730	2343	3152.0	771.4	+0.4	14.0	10.8	7.7	10.9	68	- 2	3.0	-1.5	6.3	0	1	22	03	4	1	9	6	0	0	0	0	
NEPAL																											
KATMANDU	0830	1324	1504.1	869.0	-1.5	6.3	5.5	4.5	8.5	88	+ 3	3.8	-0.6	0.0	0	0	0	00	0	0	0	0	0	0	0	0	29
	1130	1324	1501.0	868.1	..	15.5	10.2	4.7	8.7	50	..	2.5	..	0.1	0	0	2	00	0	0	0	0	0	2	0	0	27
	1730	1324	1477.0	865.6	-1.9	14.2	9.7	5.1	8.9	55	- 5	2.7	-0.2	2.6	0	0	14	06	0	0	1	3	0	3	1	15	
SIKKIM																											
LACHEN	0830		(R)																								
HYDROMETEOROLOGICAL OBSERVATORIES																											
DAMODAR CATCHMENT																											
TILAIYA	0830		..	..	..	17.8	12.7	7.7	10.5	52	..	0.9	..	8.1	0	0	25	00	1	0	0	0	7	13	4	4	
	1730		..	..	..	21.7	13.8	6.1	9.4	37	..	1.3	..	5.5	0	0	28	00	1	0	1	1	1	10	14	1	
HAZARIBAGH	0830	615	1014.9	945.0	..	17.2	13.9	11.5	13.6	69	..	1.2	..	8.6	0	1	25	01	0	2	0	1	2	7	13	3	
	1730	615	1011.4	942.4	..	20.0	14.8	10.8	12.9	57	..	1.5	..	5.9	0	0	27	03	1	1	0	0	3	6	13	2	
KONAR	0830		(R)																								
	1730		(R)																								
BOKARO	0830	242	1014.8	986.7	..	16.9	12.8	9.0	11.5	60	..	1.2	..	4.6	0	0	29	00	1	0	0	1	6	13	8	0	
	1730	242	1010.6	983.2	..	23.2	16.3	10.7	12.9	46	..	0.7	..	5.2	0	0	29	01	1	0	0	0	8	11	8	0	
MAITHON	0830		..	..	..	22.5	14.4	6.8	9.9	37	..	1.9	..	2.5	0	0	28	00	6	0	1	1	6	2	12	1	
	1730		..	..	..	26.1	16.8	9.1	11.5	35	..	1.6	..	2.3	0	0	27	00	3	0	2	0	12	1	9	2	
RAMGARH	0830		..	..	..	17.1	12.8	8.7	11.2	58	..	1.6	..	6.0	0	0	29	01	0	2	0	1	6	10	4	0	
	1730		..	..	..	23.4	15.5	8.0	10.7	38	..	1.7	..	6.1	0	0	27	03	0	0	2	0	1	15	3	2	
PANCHET HILLS	0830		..	..	..	18.6	13.9	9.7	12.0	56	..	1.4	..	1.7	0	0	16	00	2	0	0	0	7	0	7	13	
	1730		..	..	..	25.0	15.9	7.7	10.5	34	..	1.1	..	0.7	0	0	10	00	0	0	1	0	1	0	8	19	
DURGAPUR	0830		..	..	..	20.2	13.9	8.0	10.7	46	..	0.6	..	6.4	0	2	26	12	1	0	0	1	1	1	12	1	
	1730		..	..	..	25.4	16.8	9.9	12.2	38	..	0.6	..	5.3	0	0	25	09	0	1	1	1	2	0	11	4	
MAHANADI CATCHMENT																											
GINABAHAR	0830		..	..	..	16.5	13.7	11.4	13.7	73	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	
HIRAKUD	0830	159	1015.2	996.8	..	20.9	17.0	14.2	16.2	66	..	1.6	..	1.1	0	0	8	01	3	1	0	0	0	0	3	21	
	1130	159	1014.7	996.6	..	26.4	18.3	13.0	15.0	48	..	0.8	..	1.5	0	0	12	02	3	0	0	0	1	0	5	17	
	1730	159	1010.8	992.9	..	27.3	19.1	13.5	15.5	43	..	0.7	..	0.3	0	0	3	01	1	0	0	0	0	1	0	26	
BHIMKUND	0830		..	..	..	19.1	15.3	12.2	14.2	65	..	2.1	..	1.3	0	0	8	01	0	0	0	0	2	0	5	21	
	1730		..	..	..	26.0	17.2	9.6	11.9	38	..	2.8	..	1.2	0	0	9	00	0	0	4	0	3	0	2	20	
SONEPUR	0830		..	..	..	21.0	18.0	16.0	18.2	74	..	1.7	..	4.8	0	0	23	02	0	18	0	0	0	3	0	6	
KHIJRAWAN	0830		..	..	..	20.8	16.7	13.4	15.7	63	..	1.5	..	..	.	..	..	..	..	..	..	..	..	..	..	..	
	1730		..	..	..	27.3	18.3	11.0	13.7	38	..	2.0	..	..	.	..	..	..	..	..	..	..	..	..	..	..	
NARMADA CATCHMENT																											
BAGRA TAWA	0830		..	..	..	17.0	12.1	6.8	10.2	53	..	1.3	..	11.2	0	0	27	01	10	4	0	4	6	1	1	2	
	1730		..	..	..	26.3	15.5	4.7	8.9	26	..	1.7	..	8.7	0	1	25	03	9	2	0	1	4	5	2	3	
PUNASA	0830		..	..	..	19.4	17.3	3.9	8.6	37	..	.	..	3.8	0	0	29	00	22	0	0	0	7	0	0	0	
	1730		..	..	..	27.8	17.5	9.1	11.6	31	..	.	..	3.1	0	0	27	00	8	0	0	0	19	0	0	2	
THIKRI	0830		..	..	..	21.9	15.5	9.6	12.4	48	..	1.6	..	..	.	..	..	..	..	..	..	..	..	..	..	..	
SABARMATI CATCHMENT																											
DAROI	0830		..	..	..	16.3	10.6	3.6	7.9	44	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	
	1730		..	..	..	24.5	15.5	6.9	9.9	36	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	
GANDAK CATCHMENT																											
JAMOSOM	0830		..	..	..	4.2	0.9	- 3.7	4.6	58	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	
	1730		..	..	..	6.3	2.9	- 1.1	5.9	60	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	
KHUDI BAZAR	0830		..	..	..	11.7	9.0	6.3	9.3	69	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	
	1730		..	..	..	15.8	11.5	7.7	10.3	54	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	
TIMURE	0830		..	..	..	5.7	2.1	- 4.6	4.8	53	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	
	1730		..	..	..	12.0	6.9	0.9	6.7	48	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	
PUKHARA	0830		..	..	..	13.3	10.2	7.3	10.3	68	..	2.5	..	0.2	0	0	3	02	0	0	0	0	0	0	1	26	
	1130		..	..	..	17.8	12.6	7.6	10.5	52	..	2.4	..	1.3	0	0	16	00	0	0	7	9	0	0	0	13	
	1730		..	..	..	17.3	12.2	7.7	10.6	54	..	4.9	..	1.0	0	0	7	01	0	2	3	1	0	0	0	22	
GURKHA	0830		..	..	..	12.7	9.7	6.7	9.9	69	..	2.1	..	..	.	..	..	07	4	2	3	2	2	2	1	6	
	1130		..	..	..	16.5	12.0	6.2	10.9	59	..	2.2	..	..	.	..	..	00	1	0	4	3	16	[illegible]	[illegible]	[illegible]	
	1730		..	..	..	15.4	10.5	6.3	9.6	55	..	0.8	..	..	.	..	..	01	0	2	3	7	9	7	1	8	
NUWAKOT	0830		..	..	..	12.5	9.0	7.1	10.2	71	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	
	1730		..	..	..	16.6	10.8	4.6	8.6	46	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY 1968 (MAGHA 12 - PHALGUN 10, 1889 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations													
			At mean sea level or lat. in gms. of normal standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction										
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MAGHARA CATCHMENT (TRANS HIMALAYAN REGION)																												
DAILEKH	0830		..	..	..	9.5	6.5	2.8	7.6	64	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	13.1	8.7	3.7	8.2	54	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
MAGHARA CATCHMENT																												
SALLYANA	0830		..	..	..	10.3	6.6	1.6	7.1	56	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	12.9	8.3	3.0	7.9	52	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
BUTWAL	0830		..	..	..	16.6	12.8	9.3	11.9	64	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	20.1	15.2	11.3	13.4	57	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
BAGMATI CATCHMENT																												
KATMANDU	0830																											
	1130		SEE UNDER NEPAL																									
	1730																											
KOSI CATCHMENT																												
CHAUTARA	0830		..	..	..	12.6	9.8	7.5	10.4	72	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	16.9	11.1	6.2	9.6	51	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
WALUNGCHUNG GOLA	0830		..	..	..	1.0	- 0.3	- 2.0	5.2	81	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	- 0.3	- 1.1	- 2.1	5.2	88	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
TAPLETHOK	0830		..	..	..	11.7	7.8	3.4	7.9	58	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	13.3	8.3	2.7	7.5	49	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
BHOJPUR	0830		..	..	..	10.2	7.1	3.9	8.2	66	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	10.0	7.3	4.6	8.6	71	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
TAPLEJUNG	0830		..	..	..	7.4	5.4	3.2	7.8	76	..	4.5	..	1.0	0	0	9	02	1	1	0	1	1	0	3	20	0
	1130		..	..	..	11.7	7.6	3.3	7.9	57	..	4.2	..	6.9	0	1	28	03	0	1	2	8	3	5	5	0	2
	1730		..	..	..	10.3	6.7	2.7	7.5	65	..	4.0	..	11.2	0	5	23	00	0	0	7	14	2	1	0	1	4
OKHALDHUNGA	0830		..	..	..	8.3	5.7	2.9	7.6	71	..	2.6	..	0.8	0	0	9	00	0	1	0	5	0	3	0	20	0
	1130		..	..	..	11.9	7.4	2.5	7.5	54	..	2.7	..	2.3	0	0	16	01	0	0	0	1	6	8	0	13	0
	1730		..	..	..	9.6	6.5	3.1	7.8	66	..	3.3	..	5.7	0	2	21	01	0	0	0	0	6	15	1	6	0
CHAINPUR	0830		..	..	..	12.1	9.2	6.3	9.6	69	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	13.6	10.3	7.1	10.1	66	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
BARAHAKSHETRA	0830	146	1015.7	998.3	..	14.0	11.7	9.5	11.9	75	..	1.6	..	0.7	0	0	10	00	0	9	1	0	0	0	0	19	0
	1130	146	1014.1	997.2	..	21.4	14.9	9.2	11.7	47	..	2.6	..	3.4	0	0	26	00	0	0	0	0	10	15	1	3	0
	1730	146	1011.1	994.2	..	19.6	14.4	9.9	12.2	55	..	2.0	..	0.8	0	0	11	00	0	9	1	0	1	0	0	18	0
TISTA CATCHMENT																												
GANGTOK	0830	1812	1500.9	818.9	..	6.7	5.5	4.2	8.2	84	..	5.2	..	0.1	0	0	1	00	1	0	0	0	0	0	0	28	0
	1130	1812	1494.1	819.3	..	10.8	7.8	4.9	8.7	69	..	5.8	..	3.9	0	0	19	00	1	0	1	4	13	0	0	10	0
	1730	1812	1473.4	816.3	..	8.9	7.1	5.3	8.9	79	..	6.8	..	2.5	0	0	13	00	0	0	1	11	0	0	1	16	0
GEZING	0830		(R)																									
	1730		(R)																									

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GOVERNMENT OF INDIA

मौसम विज्ञान विभाग

METEOROLOGICAL DEPARTMENT

भारतीय मौसम पुनरीक्षण

INDIA WEATHER REVIEW

1968

मासिक मौसम रिपोर्ट

MONTHLY WEATHER REPORT

मार्च

MARCH

भारत सरकार के प्राधिकार द्वारा वेधशालाओं के महानिदेशक के निदेशाधीन प्रकाशित
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INDIA WEATHER REVIEW, 1968

Monthly Weather Report

MARCH

MONTHLY WEATHER REPORT

FOR

MARCH 1968

C O N T E N T S

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MEANINGS OF SYMBOLS AND ABBREVIATIONS IN TABLES II AND III

Symbol/Abbreviation	Meaning
(a)	Mean/total for 30 days
(b)	Mean/total for 29 days
(c)	Mean/total for 28 days
(d)	Mean/total for 27 days
(e)	Mean/total for 26 days
(f)	Mean/total for 25 days
(g)	Mean/total for 24 days
(h)	Mean/total for 23 days
(i)	Mean/total for 22 days
(j)	Mean/total for 21 days
(k)	Mean/total for 20 days
(l)	Mean/total for 19 days
(m)	Mean/total for 18 days
(n)	Mean/total for 17 days
(o)	Mean/total for 16 days
(p)	Mean/total for 15 days
(q)	Mean/total for 14 days
*	Closed during winter months
(R)	Register not received, hence data not available.
#	Data for less than 15 days, hence no means published
ds	Days
●	Data rejected
D.N.	Data not available
E	Estimated
H	Provisional height.

INDIA WEATHER REVIEW, 1968

Monthly Weather Report

MARCH

Published by the Authority of the Government of India

Chief features :

i) Good thundershower activity over the country in general.

ii) Movement of five western disturbances across northwest India; and

iii) Pronounced thunderstorm and hailstorm activity over (a) the central parts of the country during the first fortnight causing damage to standing crops and (b) northeast India causing damages and a few deaths.

Five western disturbances affected northwest India during the month. The first western disturbance which moved into the central parts of West Pakistan on 8th weakened and became unimportant by the next day. In association with it light to moderate precipitation occurred over the hills of west Uttar Pradesh on 9th. The next western disturbance caused moderate precipitation over the Western Himalayas in the middle of the second week. The third western disturbance was well marked over Rajasthan and neighbourhood on 13th, but later it weakened and moved away eastwards across the Western Himalayas by 15th causing isolated light precipitation over east Rajasthan and Jammu and Kashmir. The next western disturbance moved into the central parts of Western Pakistan on 16th and persisted without any appreciable movement till 19th. Later it moved eastwards to south Uttar Pradesh and adjoining Madhya Pradesh where it weakened off by 22nd. Under its influence, there was fairly widespread precipitation over northwest India and Uttar Pradesh. The last western disturbance caused another spell of good precipitation over the Western Himalayas during the later part of the last week. The details of the movement and activity of these western disturbances are given in the accompanying statement.

The seasonal trough of low pressure was well marked over the Peninsula on the first two days of the month. Later it shifted westwards to the Arabian Sea off the west coast where it persisted till 6th. In association with it, there was a spell of pronounced thundershower activity over the central parts of the country and adjoining areas of the Peninsula and of northeast India. Bhubaneshwar recorded 8 cm of rain and Puri 5 cm on 1st and Brahmapuri 6 cm on 3rd. According to press reports, the thundershowers in parts of Maharashtra were accompanied with hail which caused serious havoc to standing crops, fruits and vegetables. This was followed by a week of dry spell over the Peninsula.

The seasonal trough of low pressure over the Peninsula again became well marked and remained so from 14th to 20th. A trough in the upper level westerlies lying over West Pakistan and northeast Arabian Sea on 14th moved eastwards and became well marked. It lay extending from west Uttar Pradesh to Interior Mysore on the next day. Continuing to move eastwards rather slowly it weakened on 17th and passed across Assam by 21st. In association with these developments and also due to the fourth western disturbance moving across northwest India, there was good thundershower activity over practically the entire country. A low pressure area lying over Comorin-Maldive areas on 16th also moved away westwards by 19th causing increased rainfall in the extreme south Peninsula. Some of the noteworthy amounts of rainfall recorded were: Alleppey 5 cm on 13th, Pachmarhi 5 cm on 14th, Palghat 5 cm on 15th, Tuticorin 5 cm on 16th, Coimbatore (Air Port) 7 cm and Calicut 6 cm on 18th, Minicoy 6 cm on 19th. The thunderstorm and hailstorm activity was particularly severe over many parts of northeast India. According to press reports, Calcutta was hit by a severe hailstorm killing one person on 19th evening when hailstones as big as tennis balls fell over the city. The severe hailstorm that hit Monghyr on 20th was reported to have killed 21 people in addition to injuring many and rendering thousands homeless. Hailstones that fell over this area were reported to be weighing one kilogram or more. Patna, Lucknow, Dehra Dun and Jammu were also reported to have been lashed by severe thunderstorm and/or hailstorm.

A low pressure area appeared over the extreme south Andaman Sea on 22nd. It moved slowly westwards to Maldive area where it persisted on 28th and 29th. Later it moved away westwards. In association with it, there was good thundershower activity over the extreme south Peninsula during the last four days of the month.

The seasonal thundershower activity over northeast India was well maintained during the second fortnight. Earlier a few spells of thundershowers occurred over Assam and other parts of the area. This

was followed by the severe thunderstorm and hailstorm activity in the third week as mentioned earlier. A low pressure area formed over Bihar Plateau on 21st and moving eastwards it passed across Assam by 23rd. It caused fairly widespread thundershowers over Assam and a few showers in the other parts of northeast India during this period. Isolated thundershowers continued to occur in Assam particularly during the last four days of the month when a trough of low pressure extending from Bihar Plains to north Assam persisted. Steep pressure gradient also prevailed over Uttar Pradesh and Bihar State during this period. According to press reports, sixty persons were feared to have been drowned in the river Ghana at Loha Tola in Bihar Plains on 28th, when a boat capsized in mid-stream due to strong western winds sweeping over the area

Night temperatures were below normal over the country outside the south Peninsula during the first week and again from 19th upto the end of the month, being markedly so during the last three days of the month. They remained below normal over the north Peninsula during the remaining days of the month and appreciably below normal over the central parts of the country during the middle part of the month. Night temperatures were mostly above normal over northwest India, Uttar Pradesh and Gujarat State from 10th to 19th.

Due to the pronounced thunderstorm activity day temperatures were markedly below normal over the central parts of the country on the first three days of the month and again from 13th to 16th when the north Peninsula was also similarly affected, the maximum temperatures being as much as 8° - 10°C below normal over Vidarbha during the first spell and 10° - 15°C below normal during the second spell. They remained mostly below normal over the country outside the south Peninsula during the second fortnight. They were generally above normal over the country outside the Peninsula during the second week.

The total rainfall for the month was in large excess in West Madhya Pradesh, Gujarat, Marathwada, Vidarbha, Rayalaseema, Madras, Kerala and Arabian Sea Islands; moderate excess in Haryana and Madhya Maharashtra; slight excess in Orissa and Punjab; normal over Assam, West Uttar Pradesh, Himachal Pradesh, Jammu and Kashmir, East Rajasthan and Telangana. In slight defect in East Madhya Pradesh; Moderate defect in Sub-Himalayan West Bengal, Bihar Plains, West Rajasthan and Interior Mysore and in large defect over the rest of the country.

The mean maximum temperature was below normal in Haryana, Himachal Pradesh, Madhya Pradesh, Marathwada, Vidarbha, Rayalaseema. It was normal over the rest of the country.

The mean minimum temperature was above normal in Himachal Pradesh; below normal in Bihar Plains, Haryana, Marathwada and Vidarbha. It was normal over the rest of the country.

The mean Relative Humidity in the morning was above normal in West Uttar Pradesh, Haryana, Punjab, Himachal Pradesh, West Madhya Pradesh, Marathwada and Vidarbha and below normal in Sub-Himalayan West Bengal, Gangetic West Bengal and Konkan. It was normal over rest of the country.

The mean Relative Humidity in the evening was above normal in West Uttar Pradesh, Haryana, Punjab, Himachal Pradesh, Marathwada, Rayalaseema, Madras and South Interior Mysore. It was normal over the rest of the country.

The mean cloud amount in the morning was above normal in Rayalaseema, Madras, Interior Mysore, Kerala and Arabian Sea Islands and below normal in Sub-Himalayan West Bengal, West Uttar Pradesh, Haryana, Punjab, Himchal Pradesh, Rajasthan, West Madhya Pradesh and Saurashtra-Kutch. It was normal over the rest of the country.

The mean cloud amount in the evening was above normal in Coastal Andhra Pradesh, Rayalaseema, Madras Interior Mysore, Kerala and Arabian Sea Islands and below normal in Sub-Himalayan West Bengal, West Uttar Pradesh, Haryana, Punjab, Himachal Pradesh, Rajasthan, west Madhya Pradesh, Gujarat and Saurashtra-Kutch. It was normal over the rest of the country.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 17 chief political divisions and the 33 sub-divisions. The station whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. IST of the date noted in the succeeding column; similarly the heaviest rainfall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hours IST of the date given in the succeeding column.

Poona-5;

21st May 1968.

R. ANANTHAKRISHNAN,

for Director General of Observatories.

TABLE I - DIVISIONAL AND SUB-DIVISIONAL MEANS - MARCH ,1968 (PHALGUNA 11,1889 - CHAITRA 11,1890 SAKA)

DIVISION	Rainfall (millimetres)	Percentage of normal	Mean maximum temperature °C	Mean minimum temperature °C	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud Amount (Oktas) 0830 hrs. IST.	Cloud Amount (Oktas) 1730 hrs. IST.
1	2	3	4	5	6	7	8	9
1.ASSAM(INCLUDING NEFA,N.L.ETC)	80.7	102	29.1	15.8	69	55	3.0	2.9
	+ 1.3		-0.2	-0.8	+ 1	- 2	0.0	-0.3
2.WEST BENGAL	12.1	42	33.4	19.4	53	41	1.8	1.9
	- 16.4		+0.5	-0.1	- 8	- 3	-0.4	-0.3
3.ORISSA	27.2	117	34.2	20.5	62	47	1.8	2.3
	+ 3.9		+0.2	+0.1	0	+ 2	-0.2	-0.1
4.BIHAR	6.6	42	32.7	16.7	50	34	1.6	1.6
	- 9.3		-0.3	-0.9	0	+ 3	-0.1	-0.3
5.UTTAR PRADESH	10.8	69	30.7	14.6	58	35	1.4	1.3
	- 4.9		-0.7	-0.7	+ 5	+ 4	-0.3	-0.6
6.HARYANA(INCLU. DELHI CHANDIGARH)	29.5	146	28.2	12.9	64	37	1.4	1.3
	+ 9.3		-1.5	-1.3	+ 7	+ 6	-0.5	-0.9
7.PUNJAB	37.3	120	27.5	12.2	73	45	1.8	2.0
	+ 6.1		-0.8	-0.6	+ 8	+ 6	-0.9	-1.1
8.HIMACHAL PRADESH	40.7	102	25.7	11.5	90	55	2.6	3.0
	+ 0.7		-1.4	+1.1	+14	+17	-0.9	-1.5
9.JAMMU AND KASHMIR	56.1	105	16.4	3.1	68	55	3.8	4.6
	+ 2.9		+1.0	-0.9	+ 3	+ 3	-0.6	-0.7
10.RAJASTHAN	6.3	86	31.9	14.9	50	27	0.9	1.3
	- 1.0		-0.2	-0.7	+ 2	- 1	-0.9	-1.0
11.MADHYA PRADESH	18.4	139	32.5	16.5	49	27	1.3	1.7
	+ 5.2		-1.3	-0.5	+ 8	+ 5	-0.3	-0.5
12.GUJARAT STATE (INCLU.DIU ETC)	0.9	100	33.6	18.4	57	36	1.0	0.8
	0.0		-0.4	-0.2	- 2	+1	-0.4	-0.5
13.MAHARASHTRA STATE(INCL.GOA)	19.2	274	34.0	19.4	53	34	1.3	1.9
	+ 12.2		-0.9	-0.9	+ 3	+ 2	-0.1	-0.1
14.ANDHRA PRADESH	8.5	98	34.9	22.1	66	42	2.3	2.5
	- 0.9		-0.1	-0.2	0	0	+0.1	+0.5
15.MADRAS STATE (INCL.PONDICH.)	42.6	261	33.0	22.8	76	58	4.2	4.5
	+ 26.3		-0.4	-0.3	+ 2	+ 6	+1.1	+1.8
16.MYSORE	4.4	53	33.8	20.9	61	36	2.3	3.1
	- 3.9		-0.2	0.0	- 1	+ 1	+0.5	+0.5
17.KERALA	103.1	220	33.3	23.9	76	63	4.5	5.3
	+ 56.2		-0.2	-0.4	+ 1	+ 2	+1.3	+1.5
SUB-DIVISION								
SUB-DIVISION								
1.BAY ISLANDS	6.8	16	31.8	23.8	72	74	3.5	3.8
	- 35.1		+0.7	+0.2	- 2	- 2	-0.3	-0.3
2.NORTH ASSAM (INCLUDING NEFA)	70.7	105	29.0	15.6	71	58	3.1	2.9
	+ 3.2		-0.1	-0.3	+ 2	- 1	-0.1	-0.5
3.SOUTH ASSAM (INCL.N.LAND ETC)	104.9	97	29.2	16.3	64	48	2.9	2.8
	- 3.4		-0.6	-0.2	- 2	- 4	+0.2	0.0
4.SUB-HIMALAYAN WEST BENGAL	16.9	55	31.1	15.7	55	40	1.7	1.7
	- 13.9		+0.3	-0.7	- 6	- 5	-0.6	-0.6
5.GANGETIC WEST-BENGAL	10.5	38	34.2	20.9	52	42	1.8	2.0
	- 17.3		+0.5	+0.2	- 8	- 1	-0.4	-0.2
6.ORISSA	27.2	117	34.2	20.5	62	47	1.8	2.3
	+ 3.9		+0.2	+0.1	0	+ 2	-0.2	-0.1
7.BIHAR PLATEAU	4.8	20	33.1	17.4	45	28	1.6	2.2
	- 19.3		-0.2	-0.7	- 2	- 1	-0.1	-0.1
8.BIHAR PLAINS	7.7	69	32.4	16.1	54	38	1.7	1.3
	- 3.4		-0.4	-1.2	+ 2	+ 5	0.0	-0.3
9.UTTAR PRADESH (EAST)	3.2	28	31.9	15.5	56	34	1.5	1.4
	- 8.4		-0.8	-0.7	+ 4	+ 4	-0.1	-0.3
10.UTTAR PRADESH (WEST)	22.1	101	28.9	13.3	62	39	1.3	1.3
	+ 0.3		-0.5	-0.7	+ 7	+ 8	-0.6	-1.0
11.HARYANA(INCLU. DELHI CHANDIGARH)	29.5	146	28.2	12.9	64	37	1.4	1.3
	+ 9.3		-1.5	-1.3	+ 7	+ 6	-0.5	-0.9
12.PUNJAB	37.3	120	27.5	12.2	73	45	1.8	2.0
	+ 6.1		-0.8	-0.6	+ 8	+ 6	-0.9	-1.1
13.HIMACHAL PRADESH	40.7	102	25.7	11.5	90	55	2.6	3.0
	+ 0.7		-1.4	+1.1	+14	+17	-0.9	-1.5
14.JAMMU AND KASH-MIR	56.1	105	16.4	3.1	68	55	3.8	4.6
	+ 2.9		+1.0	-0.9	+ 3	+ 3	-0.6	-0.7
15.RAJASTHAN(WEST)	4.7	72	32.1	15.2	52	30	1.1	1.2
	- 1.8		+0.2	-0.5	+ 4	+ 4	-0.7	-0.9
16.RAJASTHAN(EAST)	7.7	95	31.7	14.8	48	24	0.8	1.4
	- 8.4		-0.6	-0.8	+ 1	- 5	-1.0	-1.0
17.MADHYA PRADESH (WEST)	19.4	226	32.7	16.2	48	25	1.2	1.7
	+ 10.8		-1.1	-0.6	+11	+ 5	-0.4	-0.6
SUB-DIVISION								
SUB-DIVISION(CONTD)								
18.MADHYA PRADESH (EAST)	17.1	89	32.3	16.9	52	30	1.5	1.8
	- 2.2		-1.5	-0.3	+ 5	+ 5	-0.1	-0.4
19.GUJARAT REGION (INCL.DAMAN ETC)	1.7	189	35.1	18.6	52	28	1.0	0.6
	+ 0.8		-0.6	+0.2	+ 3	+ 5	-0.2	-0.7
20.SAURASHTRAKUTCH (INCLUDING DIU)	0.3	33	32.6	18.3	61	42	1.0	0.9
	- 0.6		-0.2	-0.5	- 5	- 1	-0.5	-0.4
21.KONKAN (INCLUDING GOA)	0.0	0	31.6	22.6	66	62	1.5	1.4
	- 0.5		+0.7	0.0	- 6	- 2	-0.3	-0.2
22.MADHYA-MAHARASHTRA	4.8	130	35.6	18.1	48	24	1.1	2.1
	+ 1.1		-0.9	-0.6	+ 5	+ 4	0.0	+0.2
23.MARATHWADA	30.3	361	34.2	17.3	44	27	1.2	2.4
	+ 21.9		-1.9	-1.8	+ 9	+ 7	+0.1	+0.3
24.VIDARBHA	48.5	303	34.2	18.8	52	26	1.5	1.8
	+ 32.5		-1.9	-1.6	+ 9	+ 3	-0.1	-0.4
25.COASTAL ANDHRA -PRADESH	1.7	16	34.5	22.7	74	56	2.6	2.4
	- 9.2		+0.9	-0.1	- 1	- 3	0.0	+0.4
26.TELANGANA	10.6	102	35.4	21.5	60	27	2.0	2.2
	+ 0.2		-0.9	-0.5	- 1	0	-0.2	+0.1
27.RAYALASEEMA	20.7	470	35.1	21.9	57	33	2.2	3.4
	+ 16.3		-1.2	+0.1	+ 5	+ 7	+0.7	+1.3
28.MADRAS STATE (INCL.PONDICH.)	42.6	261	33.0	22.8	76	58	4.2	4.5
	+ 26.3		-0.4	-0.3	+ 2	+ 6	+1.1	+1.8
29.COASTAL MYSORE	0.2	5	32.6	23.5	73	64	2.5	2.2
	- 4.0		+0.7	+0.2	- 4	- 3	+0.1	-0.3
30.INTERIOR MYSORE (NORTH)	4.5	52	35.1	20.8	48	26	1.7	3.2
	- 4.2		-0.5	-0.1	- 2	- 2	+0.3	+0.7
31.INTERIOR MYSORE (SOUTH)	6.5	64	33.3	19.8	66	31	2.8	3.6
	- 3.7		-0.4	+0.2	0	+ 6	+0.8	+0.8
32.KERALA	103.1	220	33.3	23.9	76	63	4.5	5.3
	+ 56.2		-0.2	-0.4	+ 1	+ 2	+1.3	+1.5
33.ARABIAN SEA-ISLANDS	49.8	395	31.2	24.6	76	72	4.5	5.0
	+ 37.2		-0.4	-0.6	+ 2	0	+1.2	+1.3

Note :- The entries in the second line for each division and sub-division indicate departures from normal.

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — MARCH 1969 (PHALGUNA 11, 1889 - CHAITRA 11, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Duststorms	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
BAY ISLANDS																												
MAYA BANDAR	31.4	+1.7	33.9	24	23.4	+0.3	21.0	01	0.0	7.0	+ 4.1	7.0	04	1	+ 0.6	12.2	7.9	+1.9	0	1	0	0	0	0	0	0	0	0
LONG ISLAND	31.9	+0.2	36.0	31	22.5	-0.4	20.6	07	0.0	0.0	- 7.2	0.0	..	0	- 0.3	7.0	3.6	+1.7	0	0	0	0	0	0	0	0	0	0
PORT BLAIR	32.8	+1.7	34.2	25	23.6	+1.1	21.4	01	0.2	0.2	- 33.3	0.2	14	0	- 1.8	9.5	6.5	-1.5	1	0	0	0	1	3	0	0	0	0
CAR NICOBAR	31.7	+0.4	33.5	29	23.9	+1.1	18.3	31	3.4	3.4	- 41.4	3.4	21	1	- 2.1	9.1	5.9	+1.4	0	1	0	0	0	0	0	0	0	0
NAN COWRY	33.9	+1.1	35.6	28	25.1	+0.5	23.5	07	6.0	6.0	- 64.5	5.6	30	1	- 4.4	2.4	1.3	+0.8	0	2	0	0	3	0	0	0	0	0
KONDUL	29.3	-0.5	30.7	19	24.2	-1.2	22.5	18	13.5	24.1	- 68.3	8.6	28	5	0.0	8.7	7.0	+1.3	0	6	0	0	1	0	0	0	0	0
NORTH ASSAM (INCLUDING NEFA)																												
PASIGHAT	24.5	-1.5	29.8	12	16.6	-0.3	14.2	04	59.3	237.3	+124.4	38.2	23	16	+ 7.6	10.5	14.7	-0.7	1	17	0	0	7	0	0	0	0	0
DIBRUGARH (MOHANBARI)	25.9	-0.6	31.2	30	15.8	+0.3	12.2	02	33.8	84.6	- 35.9	19.2	22	9	+ 0.4	8.6	5.6	+1.3	1	16	0	0	12	0	0	0	0	0
DIGBOI	26.1	-1.1	31.4	30	14.9	-0.2	10.8	03	24.9	132.0	+ 13.5	30.1	22	11	+ 2.3	..	..	..	0	17	0	0	0	0	0	0	0	0
NORTH LAKHIMPUR	26.3	-0.8	30.8	30	14.2	-0.8	10.4	02	15.1	76.6	- 35.0	26.4	23	7	+ 0.7	8.3	5.0	..	0	12	0	0	7	0	0	0	0	0
SIBSAGAR	..	..	..	..	..	..	..	..	13.2	85.9	- 12.1	24.7	20	6	- 1.8	..	..	..	0	11	..	..	..	..	..	..	..	..
GOMPUR	27.6	-0.5	31.6	30	14.4	0.0	9.8	02	8.2	82.0	+ 55.6	41.6	20	6	+ 4.4	4.3	2.4	..	0	8	0	0	0	0	0	0	0	0
MAJBAT	29.5	..	33.0	16	16.2	..	12.0	06	7.3	42.9	- 20.3	27.2	20	4	+ 0.1	7.2	5.2	+0.2	0	4	0	0	0	0	0	0	0	0
JORHAT AERODROME	28.1	..	31.7	12	15.8	..	12.8	02	33.8	95.0	..	34.7	20	7	..	..	..	..	0	12	0	0	11	1	0	0	0	0
TANGLA	29.9	+1.1	33.6	16	16.4	+0.5	11.8	06	1.2	59.6	- 12.3	19.4	22	6	+ 2.1	5.6	4.8	+2.4	0	6	0	0	0	0	0	0	0	0
TEZPUR	29.3	+0.3	33.0	16	17.0	-0.1	14.3	31	6.2	52.1	+ 1.0	31.0	20	4	- 0.8	10.6	7.9	+2.9	0	7	0	0	1	0	0	0	0	0
GOLAGHAT	28.5	0.0	32.1	12	15.3	-1.3	11.9	02	13.6	59.7	+ 1.4	21.4	20	4	- 1.0	..	..	..	1	8	0	0	0	0	0	0	0	0
RANGIA	30.1	-0.2	33.4	16	16.5	+0.9	12.1	06	10.6	30.5	- 1.7	19.4	19	3	+ 1.2	..	..	..	0	6	0	0	5	0	0	0	0	0
CHAPARMUKH	30.8	-0.3	34.5	29	15.5	-0.5	10.5	19	13.4	73.4	+ 19.4	23.6	20	4	- 0.6	..	..	..	0	4	0	0	0	0	0	0	0	0
GOALPARA	31.7	+0.4	35.1	29	14.7	-1.4	9.4	01	16.3	30.5	- 8.0	16.7	19	4	+ 1.3	7.8	4.8	+1.0	0	5	0	0	0	0	0	0	0	0
GAUHATI (BHORJOR)	30.3	+0.3	36.4	29	15.1	-0.9	10.6	06	24.5	39.7	- 27.8	15.0	19	4	- 0.9	9.8	6.6	..	0	6	0	0	6	0	0	0	0	0
DHUBRI (RUPSI)	31.3	+0.2	36.5	29	15.3	-0.4	9.0	05	19.0	28.2	- 4.4	18.5	19	3	+ 0.7	11.5	8.3	+3.4	0	4	0	0	4	0	0	0	0	0
DHUBRI	31.1	+1.0	36.7	29	17.2	-0.9	13.0	02	14.6	17.6	- 20.7	14.6	19	1	- 1.6	10.4	7.6	+0.6	1	3	0	0	1	0	0	0	0	0
LUMDING	31.4	+0.5	35.0	16	14.8	+0.1	10.3	02	51.3	69.7	+ 17.1	15.4	24	9	+ 4.4	7.7	5.2	..	0	9	0	0	0	0	0	0	0	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																												
TURA	30.3	+0.4	34.9	29	19.0	+0.3	14.6	19	31.4	42.6	- 23.0	31.6	19	2	- 1.4	8.4	7.1	-0.7	1	3	0	0	0	0	0	0	0	0
HAFLONG	23.7	-2.8	26.6	26	14.8	-1.4	12.0	01	10.2	154.4	+ 75.3	43.8	22	10	+ 3.6	..	..	..	0	13	0	0	5	0	0	0	0	0
SILCHAR (KUMBHIRGRAM)	30.6	0.0	34.4	16	17.4	+0.3	15.1	19	14.1	197.6	- 4.9	58.2	22	9	+ 2.0	8.1	9.4	+0.3	0	11	0	1	7	0	0	0	0	0
SILCHAR	28.3	-2.1	32.5	16	18.0	+0.5	15.3	07	19.2	120.2	- 26.9	41.6	22	9	+ 1.7	3.3	2.0	-0.5	0	12	0	0	9	0	0	0	0	0
IMPHAL (TULIHAL)	26.2	-0.6	30.2	15	9.7	-0.7	5.2	07	16.8	89.3	+ 38.1	15.2	22	10	+ 6.1	11.5	7.1	-0.5	0	12	0	0	8	0	0	0	0	0
KAILASHAHAR	32.2	+0.5	35.8	15	16.6	-0.4	11.2	03	52.0	77.7	- 64.2	25.2	19	5	- 1.0	7.0	4.2	-0.1	1	7	0	1	6	0	0	0	1	0
AGARTALA	33.3	+0.6	37.4	13	18.7	0.0	14.8	06	38.8	52.4	- 18.5	42.6	23	2	- 2.0	8.3	5.6	-1.7	1	2	0	0	4	1	0	0	0	0
SUB-HIMALAYAN WEST BENGAL																												
RAGHOGRA	30.9	+0.6	34.6	29	13.0	-2.3	7.6	05	5.0	35.5	+ 2.7	24.8	17	4	+ 1.5	11.2	9.7	+2.8	0	4	0	0	4	0	0	0	0	0
JALPAIGURI	29.9	+0.3	34.0	29	16.7	+0.3	12.4	31	3.2	18.6	- 14.7	13.2	17	2	- 0.3	6.9	7.1	+1.0	0	4	0	0	2	0	0	0	0	0
COOCH BEHAR AERODROME	30.3	-0.2	34.4	27	14.9	-1.7	9.8	31	10.2	12.5	- 26.4	10.2	19	1	- 1.4	8.6	5.3	+0.9	0	2	0	0	3	0	0	0	0	0
BALURGHAT	32.6	..	38.0	29	16.9	..	12.8	02	11.2	13.2	..	11.2	19	1	..	5.4	4.5	..	0	2	0	0	1	0	0	0	0	0
MALDA	33.3	+0.7	39.0	29	18.2	+0.8	13.7	01	0.0	1.0	- 17.0	0.6	22	0	- 1.4	4.7	2.7	-3.4	0	2	0	0	3	0	0	0	0	0
GANGETIC WEST BENGAL																												
BERHAMPORE	34.1	0.0	39.9	29	..	..	..	..	5.5	13.0	- 11.1	6.5	19	2	+ 0.1	4.6	2.4	-0.7	0	4	0	0	2	6	0	0	0	0
SURI	34.1	+0.1	39.9	28	19.5	-0.2	15.3	07	..	16.2	- 3.8	15.2	23	1	- 0.9	.	6.1	-2.4	0	2	0	0	0	0	0	0	0	0
ASANSOL	35.1	+0.9	40.0	28	18.1	-1.5	13.1	31	0.5	0.7	- 21.6	0.5	17	0	- 1.9	8.6	5.3	-1.9	1	1	0	0	2	0	0	0	0	0
SHANTI NIKETAN	34.7	..	40.1	30	19.5	..	15.8	06	5.2	5.4	..	2.2	18	0	..	8.8	7.1	..	1	3	0	0	5	0	0	0	0	0
KRISHNANAGAR	35.7	+0.7	41.0	29	18.8	0.0	13.5	31	4.2	4.7	- 35.2	4.2	19	1	- 1.2	8.8	5.9	+0.5	0	2	0	0	1	0	0	0	0	0
PURULIA	33.8	-0.3	39.2	28	19.5	-0.5	15.3	07	2.6	2.6	- 16.6	1.4	17	0	- 2.0	7.6	5.0	+0.4	0	2	0	0	2	0	2	0	0	0
BANKURA	35.5	..	41.0	28	20.4	..	17.1	06	0.0	5.2	- 22.0	3.5	16	1	- 0.9	2.0	1.7	..	1	2	0	0	0	0	0	0	0	0
BURDWAN	35.9	+1.8	40.5	29	21.1	+1.0	17.0	31	0.0	0.0	- 39.1	0.0	..	0	- 2.2	5.7	4.8	-0.4	0	0	0	0	0	0	0	0	0	0
CALCUTTA (DUM DUM)	33.9	+0.1	39.0	29	20.9	+0.5	17.0	30	13.2	27.0	- 2.1	17.2	19	2	- 0.5	8.9	6.9	-1.5	0	3	0	1	3	2	0	0	2	0
CALCUTTA	34.7	+0.4	39.8	29	22.2	+0.7	18.4	19	24.6	30.5	- 3.5	18.1	19	2	- 0.2	8.3	6.0	+0.8	0	2	0	1	2	3	0	0	0	0
MIDNAPORE	36.1	+1.0	41.3	29	21.8	+1.0	19.0	17	0.0	0.0	- 34.8	0.0	..	0	- 2.3	7.9	5.7	+0.4	0	0	0	0	0	0	0	0	0	0
CONTAI	33.0	+0.5	37.0	28	22.3	0.0	18.9	07	0.0	0.4	- 15.1	0.4	13	0	- 1.4	13.5	9.5	-1.3	0	1	0	0	0	0	0	0	0	0
SAGAR ISLAND	30.3	+0.3	34.4	30	24.4	+0.5	21.2	03	3.4	25.3	- 2.9	21.5	02	2	+ 0.3	20.5	19.5	-0.1	0	3	0	0	1	0	0	0	0	0
SANDHEADS	29.8	..	33.4	24	25.5	..	22.0	07	0.0	0.0	- 17.5	0.0	..	0	- 1.0	..	..	..	0	0	0	0	1	1	0	0	0	0
ORISSA																												
BARIPADA	36.7	+1.8	42.4	28	20.3	+0.3	15.3	08	3.6	3.6	- 38.6	3.6	13	1	- 2.2	4.5	3.1	+0.3	0	1	0	0	2	0	0	0	0	0
JHARSUGUDA	34.1	-0.7	39.5	28	19.0	+0.4	15.5	06	0.0	37.1	+ 6.1	32.7	02	2	- 0.5	10.7	7.0	-0.1	0	3	0	0	6	0	0	0	1	0
KEONJHARGARH	34.3	+1.2	37.4	29	18.8	-0.1	15.7	31	1.4	2.0	- 29.2	1.4	13	0	- 2.0	11.7	6.6	+1.0	2	2	0	0	0	0	0	0	0	0
BALASORE	34.5	+0.6	41.6	29	21.1	-0.2	17.4	07	0.5	0.5	- 41.7	0.5	13	0	- 2.6	13.0	10.1	+1.6	0	1	0	0	0	4	0	0	0	0
SAMBALPUR	34.1	-1.3	39.1	30	18.9	+0.2	14.8	31	0.0	28.0	+ 9.5	28.0	02	1	- 0.5	3.7	2.7	-1.6	0	1	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — MARCH 1968 (PHALGUNA 11, 1889 - CHAITRA 11, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
ORISSA (CONTD.)																												
ANGUL	35.9	+0.7	40.4	27	20.8	+0.4	16.5	08	0.0	6.2	- 12.6	6.2	02	1	- 0.8	3.5	2.6	-4.4	0	1	0	0	1	0	0	0	0	0
CHANDBALI	34.7	+0.8	40.9	29	21.1	-0.5	18.0	17	31.0	32.2	+ 6.5	24.6	13	2	+ 0.3	13.8	9.9	+0.2	0	3	0	2	2	0	0	0	1	0
BOLANGIR	36.0	+0.2	40.7	27	21.0	-0.1	20.1	03	0.0	12.0	+ 2.1	12.0	02	1	+ 0.3	5.6	6.9	+0.2	0	1	0	0	0	0	0	0	0	0
PHULBANI	33.1	..	38.4	27	15.4	..	11.2	08	5.2	43.2	..	43.2	02	1	..	6.7	3.1	..	0	1	0	0	0	0	0	0	0	0
CUTTACK	35.9	0.0	40.5	30	22.9	+0.8	19.4	07	4.2	13.3	- 8.3	10.2	02	2	+ 0.7	7.4	5.5	-0.1	0	2	0	1	1	1	0	0	0	0
TITLAGARH	35.9	-0.1	41.1	28	20.7	+0.3	17.8	08	8.4	44.0	+ 21.0	40.4	02	1	- 1.1	4.2	2.8	-0.4	0	3	0	0	2	0	0	0	0	0
BHUBANESWAR	34.7	-0.4	40.0	30	21.9	-0.4	18.5	07	43.6	80.4	+ 63.6	79.4	02	1	- 0.3	15.8	14.3	-2.8	0	2	0	0	0	3	7	0	0	0
PURI	31.1	+1.1	35.0	08	..	..	..	..	0.0	78.0	+ 66.6	51.0	02	2	+ 1.1	13.7	15.7	-4.8	0	2	0	0	0	0	0	0	0	0
GOPALPUR	30.8	+0.2	34.4	07	21.9	-0.7	19.0	02	0.0	20.9	+ 5.4	20.1	02	1	0.0	17.1	14.5	-3.1	0	2	0	0	3	0	0	0	0	0
KORAPUT	30.2	-1.4	34.6	28	18.3	+0.7	15.6	16	3.8	22.0	+ 4.3	15.8	16	2	+ 0.5	..	..	..	0	3	0	0	0	0	0	0	0	0
BIHAR PLATEAU																												
DUMKA	34.4	+0.4	39.5	29	17.9	-0.5	14.4	31	0.0	2.0	- 19.1	2.0	19	0	- 1.6	3.0	1.9	-2.2	0	1	0	0	1	0	0	0	0	0
DALTONGANJ	32.8	-0.2	38.2	28	14.9	-1.2	10.1	31	0.0	0.0	- 20.1	0.0	..	0	- 1.9	..	..	..	0	0	0	0	0	0	0	0	0	0
HAZARIBAGH	30.1	-0.8	35.5	28	14.6	-2.1	10.4	06	1.6	12.8	- 12.1	12.0	04	1	- 0.9	12.6	9.0	+0.2	0	2	0	0	2	0	0	0	0	0
DHANBAD	33.6	+0.4	39.4	28	18.8	-0.4	15.8	18	2.4	2.4	- 19.6	2.4	17	0	- 1.9	2.1	2.0	-6.6	0	1	0	0	0	0	0	0	0	0
RANCHI AERODROME	30.4	-0.6	36.0	28	16.8	-0.5	13.5	07	2.0	5.2	- 35.1	5.2	17	1	- 1.8	12.9	9.6	-0.4	0	1	0	0	1	0	0	0	1	0
JAMSHEDPUR	34.6	0.0	39.9	28	18.3	-0.4	14.2	31	0.7	0.7	- 19.4	0.7	17	0	- 1.9	9.3	6.3	+1.1	0	1	0	0	0	1	0	0	0	0
JAMSHEDPUR P.B.O.	34.4	-0.2	40.1	28	19.2	+0.3	13.6	31	1.0	1.2	- 21.9	1.0	17	0	- 2.4	9.2	5.6	+0.8	1	1	0	0	2	0	0	0	0	0
CHAIBASA	34.2	-0.5	39.2	29	18.7	-0.6	14.9	07	12.6	14.0	- 7.3	8.0	16	2	+ 0.2	6.8	4.0	+0.7	0	4	0	0	2	0	0	0	0	0
BIHAR PLAINS																												
MOTIHARI	31.5	0.0	36.4	28	..	..	..	..	0.0	36.2	+ 18.9	32.6	21	2	+ 0.9	8.1	5.5	+1.6	0	2	0	0	1	0	0	0	0	0
FORBESGANJ	31.1	-1.3	35.8	29	14.4	-0.8	9.2	30	10.0	29.4	+ 13.5	12.4	20	2	+ 0.4	12.2	8.0	+0.6	0	6	0	0	3	0	0	0	0	0
DARBHANGA	31.8	+0.1	37.1	28	15.9	-0.4	11.6	03	0.0	0.0	- 12.5	0.0	..	0	- 1.1	5.4	4.3	+0.7	0	0	0	0	0	0	0	0	0	0
MUZAFFARPUR	31.3	..	37.3	28	15.5	..	10.9	01	0.0	4.2	- 4.2	4.2	21	1	+ 0.1	..	..	..	0	1	0	0	1	0	0	0	0	0
CHAPRA	32.5	..	38.3	28	17.9	..	13.2	01	3.8	4.6	- 6.3	4.6	21	1	+ 0.1	6.8	5.9	..	0	1	0	0	3	0	0	0	0	0
PURNEA	31.8	-0.4	37.0	29	13.3	-2.2	8.1	01	0.0	1.4	- 11.8	0.8	15	0	- 1.1	6.5	4.0	-1.1	0	2	0	0	0	0	0	0	0	0
PATNA	32.9	0.0	38.1	28	18.1	-0.5	13.1	01	4.2	4.2	- 5.2	4.2	21	1	0.0	9.6	8.2	+0.6	0	1	0	1	1	0	0	0	0	0
PATNA AERODROME	32.1	-0.8	38.6	28	16.1	-1.0	11.1	01	0.8	3.8	- 7.9	3.0	21	1	- 0.1	13.4	7.7	+1.9	0	2	0	0	2	0	0	0	0	0
ARRAH	..	..	..	..	..	..	..	..	0.0	0.0	- 9.4	0.0	..	0	- 1.0	..	..	..	.	..	..	..	..	..	..	.	..	.
BHAGALPUR	32.6	-0.4	38.0	28	16.4	-0.7	14.6	01	6.9	8.8	+ 3.2	5.7	17	1	+ 0.3	13.0	8.8	+1.1	1	3	0	0	2	0	0	0	0	0
SABAUR	32.3	-0.5	38.0	28	14.2	-1.5	9.0	01	0.0	0.2	- 9.5	0.2	16	0	- 0.8	12.5	7.3	+0.1	1	0	0	0	3	0	0	0	0	0
JAMUI	34.5	+0.6	0.0	00	17.0	-1.9	0.0	00	0.0	0.2	- 7.9	..	..	0	- 0.9	..	..	..	0	1	0	0	1	0	0	0	0	0
DEHRI	32.8	-0.7	38.4	29	17.2	-1.9	13.4	05	0.0	0.0	- 11.7	0.0	..	0	- 1.2	8.6	5.5	-1.1	0	0	0	0	0	0	0	0	0	0
GAYA	32.9	-0.8	38.5	28	16.5	-0.9	12.1	01	10.2	14.4	+ 2.2	14.2	17	1	- 0.4	11.4	7.1	-1.7	1	1	0	0	1	0	1	0	0	0
UTTAR PRADESH EAST																												
KHERI	31.8	+0.2	37.4	28	15.6	-0.3	10.4	02	1.9	1.9	- 16.8	1.9	21	0	- 1.9	7.3	4.7	+0.8	0	1	0	0	3	0	0	0	0	0
BAHRAICH	31.4	-0.5	37.6	28	15.1	-0.3	11.1	01	0.0	0.0	- 10.7	0.0	..	0	- 0.9	11.1	6.6	+0.6	0	0	0	0	2	0	0	0	0	0
NAUTANWA	31.3	-0.9	37.6	28	14.5	-0.7	10.2	31	0.0	3.6	- 9.3	3.6	21	1	- 0.3	7.7	4.6	-0.4	0	1	0	0	0	0	0	0	0	0
HARDOI	30.9	-1.1	36.6	28	14.5	-1.3	11.0	02	0.0	11.4	- 6.1	11.4	20	1	- 1.0	8.3	6.6	+0.4	0	1	0	0	0	0	1	0	0	0
GONDA	31.5	-0.7	37.4	28	15.5	+0.1	10.2	02	0.0	3.0	- 6.4	1.6	20	0	- 0.9	10.3	7.2	+0.7	0	2	0	0	0	0	0	0	0	0
LUCKNOW	31.0	-1.9	36.2	15	14.7	-1.6	11.4	02	0.0	16.2	+ 7.6	16.2	20	1	0.0	..	..	..	0	1	0	1	1	0	0	0	0	0
LUCKNOW (ANAUSI)	31.4	-1.1	37.4	28	13.9	-1.1	7.9	02	1.0	1.0	- 10.4	1.0	22	0	- 0.9	12.1	7.6	-0.8	0	1	0	0	3	0	0	0	0	0
FAIZABAD	31.7	0.0	35.0	12	14.7	-0.1	10.2	02	0.0	2.5	- 5.9	1.0	20	0	- 1.0	7.0	4.0	-0.5	0	3	0	0	1	0	0	0	0	0
GORAKHPUR	32.4	-0.2	38.3	28	16.8	-0.4	12.7	02	0.0	3.0	- 6.9	3.0	16	1	+ 0.1	9.1	5.0	-0.4	0	1	0	0	0	0	0	0	0	0
KANPUR	31.7	-1.0	36.9	28	16.0	-0.3	10.1	02	0.2	0.2	- 8.2	0.2	21	0	- 0.8	9.0	12.0	+1.1	1	0	0	0	0	0	1	0	0	0
KANPUR (AERODROME)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SULTANPUR	32.9	+0.4	38.4	28	16.2	-0.5	10.9	02	0.0	4.0	+ 1.0	4.0	21	1	+ 0.6	2.0	3.7	-2.5	0	1	0	0	1	0	0	0	0	0
AZAMGARH	32.3	-1.0	37.2	27	15.2	-1.8	9.4	01	0.0	2.8	- 11.7	2.8	22	1	- 0.3	10.2	6.0	..	0	1	0	0	0	0	0	0	0	0
FATEHPUR	31.7	-1.4	36.5	12	15.6	-0.7	10.0	02	0.0	0.0	- 7.8	0.0	..	0	- 0.9	3.6	6.0	+0.5	0	0	0	0	0	0	1	0	0	0
BALLIA	32.0	-0.9	36.6	28	..	..	..	..	0.0	0.0	- 16.7	0.0	..	0	- 1.4	3.3	5.8	+0.7	0	0	0	0	0	0	0	0	0	0
BANDA	33.1	-1.0	38.6	27	16.9	-0.4	22.3	18	0.0	0.0	- 11.6	0.0	..	0	- 1.3	2.4	2.0	-1.0	0	0	0	0	1	0	2	0	0	0
ALLAHABAD (BAMHRAULI)	32.9	-0.4	38.2	28	15.7	-1.3	10.8	01	0.0	4.2	- 10.3	2.6	22	1	0.0	7.6	3.9	-2.8	1	2	0	0	3	0	0	0	0	0
VARANASI (BABATPUR)	32.4	-0.8	38.1	28	15.8	-1.1	10.0	01	0.0	3.8	- 10.1	3.6	30	1	- 0.4	13.3	9.7	-0.7	1	1	0	0	2	0	1	0	0	0
VARANASI	32.3	-1.1	37.5	27	16.5	-0.7	11.9	01	0.0	0.0	- 11.2	0.0	..	0	- 0.9	8.1	5.7	-3.2	0	0	0	0	0	0	0	0	0	0
UTTAR PRADESH WEST																												
MUKHIM	17.7	-0.1	22.0	11	7.9	+0.3	2.9	30	45.2	53.0	- 4.9	28.0	20	3	- 3.0	..	..	..	0	3	0	0	5	2	0	0	0	0
TEHRI	26.9	-0.3	30.6	11	11.5	+0.4	7.4	30	13.0	50.7	+ 6.0	18.7	20	3	- 1.5	4.0	2.2	..	0	5	0	0	2	1	0	0	0	0
DEHRA DUN	26.2	-0.2	29.9	11	12.3	-0.1	6.3	30	21.2	40.2	+ 2.3	17.1	20	4	+ 0.9	1.9	1.3	-2.3	0	5	0	0	7	0	0	0	0	0
MUSSOORIE	14.8	..	18.1	11	5.8	..	0.8	21	..	95.6	..	20.0	21	6	..	..	..	..	1	12	..	..	..	..	..	.	..	.
ROORKEE	28.7	0.0	33.0	11	12.1	-1.0	6.5	30	9.7	27.0	+ 3.9	10.7	20	3	+ 1.2	7.4	4.5	-0.9	0	3	0	0	2	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — MARCH 1968 (PHALGUNA 11, 1889 - CHAITRA 11, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
UTTAR PRADESH WEST (CONTD.)																												
NAJIBABAD	28.5	-1.2	32.7	28	12.0	-1.4	5.8	30	25.5	34.1	+ 9.7	19.9	21	3	+ 0.9	8.9	6.3	+1.8	0	3	0	0	2	0	0	0	0	0
MEERUT	29.9	-0.2	36.0	15	12.3	-2.7	7.7	30	..	17.0	+ 2.5	7.0	20	3	+ 1.5	..	8.0	+0.9	0	3	0	0	0	0	0	0	0	0
BAREILLY	30.9	-0.1	35.7	28	15.2	-0.4	9.7	30	9.0	12.0	- 0.7	10.0	20	1	- 0.2	11.5	8.3	+2.3	0	2	0	0	2	0	0	0	0	0
ALIGARH	30.5	-0.2	35.4	27	14.2	-0.7	9.4	30	0.0	6.4	- 5.0	3.2	20	2	+ 0.6	12.4	8.1	+0.9	1	2	0	0	2	0	0	0	0	0
MAINPURI	31.9	-0.6	37.2	27	14.4	-0.5	8.6	31	3.1	5.9	- 3.5	3.1	22	1	+ 0.1	..	..	..	0	2	0	0	4	0	1	0	0	0
AGRA	30.7	-1.2	36.0	27	15.3	-0.4	9.6	01	0.0	7.2	- 1.2	5.2	21	1	+ 0.2	5.6	4.1	-0.8	0	2	0	0	0	0	0	0	0	0
AGRA AERODROME	30.8	..	35.5	27	14.5	..	9.4	30	0.0	6.1	..	4.8	21	1	..	..	..	..	0	2	0	0	3	0	0	0	0	0
ORAI	32.1	-1.4	37.0	12	15.9	-0.8	10.4	01	5.2	5.2	- 2.3	5.2	22	1	- 0.2	7.6	6.6	-1.0	0	1	0	0	0	0	0	0	0	0
JHANSI	33.2	-0.3	38.4	19	16.6	-0.8	10.3	01	0.0	6.3	- 3.6	6.3	22	1	+ 0.2	5.0	5.3	-0.1	0	1	0	0	0	0	0	0	0	0
MORADABAD	28.9	..	33.5	11	14.2	..	9.2	31	0.0	0.8	..	0.8	20	0	..	9.2	6.6	..	0	1	0	0	0	0	0	0	0	0
HARYANA (INCLUDING DELHI AND CHANDIGARH)																												
CHANDIGARH	28.2	-0.4	33.8	11	13.2	-1.1	9.2	01	25.5	50.1	+ 23.9	25.2	20	3	0.0	..	..	..	0	3	0	0	0	0	0	0	0	0
AMBALA	27.1	-2.5	31.7	17	11.6	-2.5	6.4	30	2.2	18.6	- 6.3	10.6	19	2	0.0	..	..	..	0	5	0	0	2	0	0	0	0	0
AMBALA AERODROME	28.1	..	32.9	11	11.5	..	5.6	30	7.3	23.1	..	12.0	20	3	..	..	..	..	0	4	0	0	5	0	0	0	0	0
KARNAL	26.9	-2.5	30.8	18	11.6	-2.5	6.4	29	0.0	42.3	+ 19.9	37.8	21	2	0.0	2.1	4.0	..	0	2	0	0	0	0	0	0	0	0
HISSAR	29.3	-1.4	34.2	11	13.5	+0.2	7.9	29	4.9	27.7	+ 13.2	14.0	20	3	+ 1.7	5.0	7.1	-0.2	0	5	0	1	5	0	0	0	0	0
NEW DELHI/SAFDARJUNG	29.4	-0.8	33.8	11	14.8	-0.3	9.0	30	0.0	8.6	- 4.3	4.4	20	2	+ 0.7	17.5	11.5	+0.7	0	3	0	0	3	0	0	0	0	0
PALAM AERODROME	29.3	..	33.0	27	12.6	..	5.7	30	0.0	6.9	..	5.3	20	1	..	..	..	..	0	3	0	0	3	0	0	0	0	0
GURGAON	30.1	..	33.7	28	12.4	..	7.3	31	0.0	5.4	..	2.1	20	0	..	10.0	8.2	..	0	3	0	0	0	0	0	0	0	0
NARNAUL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
ROHTAK	25.9	..	34.1	11	13.2	..	7.4	30	9.6	23.0	..	10.8	21	3	..	..	..	..	0	5	0	1	0	0	0	0	0	0
PUNJAB																												
PATHANKOT	26.3	-0.8	30.5	15	11.8	-1.7	5.6	29	33.1	71.8	+ 16.4	33.1	19	4	+ 0.1	..	..	..	0	5	0	0	6	0	0	0	0	0
AMRITSAR	27.1	-0.4	31.7	17	11.6	+0.1	6.4	30	2.2	18.6	- 7.8	10.6	19	2	- 0.2	..	..	..	0	5	0	0	2	0	0	0	0	0
ADAMPUR AERODROME	26.8	..	31.0	15	10.6	..	3.8	29	8.1	24.8	..	10.6	20	4	..	..	..	..	0	5	0	1	5	4	0	0	0	0
LUDHIANA	28.2	-0.8	32.4	18	13.4	+0.5	7.8	29	7.1	23.5	- 2.4	15.8	20	3	+ 1.1	7.7	4.8	+0.9	0	4	0	0	4	0	0	0	0	0
FEROZEPUR	26.9	-1.3	30.8	18	11.6	-1.0	6.4	29	0.0	42.3	+ 20.7	37.8	21	2	+ 0.5	2.1	4.0	+0.7	0	2	0	0	0	0	0	0	0	0
HALWARA AERODROME	25.9	..	29.4	26	10.8	..	5.2	30	17.8	42.6	..	21.8	21	3	..	..	..	..	0	3	0	0	4	1	0	1	0	0
PATIALA	27.9	-1.5	33.3	11	13.4	-0.4	8.2	30	12.3	32.4	+ 1.7	19.4	20	3	+ 0.9	7.8	9.4	+0.1	0	3	0	0	2	0	0	0	0	0
BHATINDA	28.7	+0.3	33.9	11	11.5	-1.0	7.4	01	0.0	35.3	+ 7.9	23.5	20	3	- 0.3	3.0	3.7	-1.5	0	3	0	0	0	0	0	0	0	0
HIMACHAL PRADESH																												
MANDI	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
BILASPUR	25.7	-1.4	30.0	15	11.5	+1.1	7.4	30	29.5	40.7	+ 0.7	15.5	21	4	0.0	6.0	4.4	-0.7	0	5	0	0	4	6	0	0	0	0
JAMMU AND KASHMIR																												
MISGAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
GILGIT	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SKARDU	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
DRAS	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SONAMARG	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
LEH	8.3	+1.9	13.0	18	- 8.2	-4.5	-12.5	02	0.0	0.0	- 8.9	0.0	..	0	- 1.1	8.9	7.5	+2.2	0	0	2	0	0	0	0	0	0	0
SRINAGAR	14.3	+0.9	20.1	18	3.4	-0.1	- 1.1	01	41.8	101.7	+ 7.5	26.2	19	7	- 0.5	6.4	6.0	+0.4	0	9	0	0	2	0	0	0	0	0
SRINAGAR AERODROME	13.2	..	18.2	18	2.8	..	- 1.7	01	28.9	85.8	..	24.4	19	6	..	..	..	..	0	0	20	20	0	30	0	0	0	0
GULMARG	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
QAZIGUND	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
BANIHAL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
JAMMU	26.5	+0.1	30.8	16	14.0	-0.8	10.1	01	16.0	66.7	+ 10.3	23.6	19	4	+ 0.3	6.2	6.8	..	0	4	0	0	0	0	0	0	0	0
JAMMU AERODROME	26.0	..	30.6	16	13.8	..	8.3	30	18.7	71.1	..	26.1	19	5	..	..	..	..	1	6	0	1	6	0	0	0	0	0
GULMARG (RESEARCH INSTITUTE)	6.7	..	12.1	18	3.9	..	-10.0	29	11.0	126.6	..	34.9	20	10	..	..	..	..	0	2	9	0	1	7	0	0	0	0
RAJASTHAN, WEST																												
GANGANAGAR	30.0	+0.4	36.4	18	..	..	..	..	0.0	29.2	+ 7.9	28.6	20	1	- 0.6	4.8	4.0	-2.4	0	2	0	0	1	0	0	0	0	0
ANUPGARH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
MAHAJAN	32.5	..	39.0	18	13.0	..	5.5	30	0.0	0.0	..	0.0	..	0	..	11.8	8.0	..	0	0	0	0	0	0	0	0	0	0
CHURU	31.2	-0.3	37.3	18	12.9	-1.3	6.1	30	0.0	4.0	- 5.5	2.1	18	0	- 1.3	10.9	7.6	-0.2	0	2	0	0	2	0	0	0	0	0
BIKANER	31.8	0.0	38.6	18	14.5	+0.1	8.4	01	0.0	1.4	- 4.9	1.4	28	0	- 0.7	9.0	7.2	+0.7	0	1	0	0	0	0	2	0	0	0
NAGAUR	32.4	+0.3	36.2	13	15.1	-0.7	9.2	29	0.0	0.0	- 1.8	0.0	..	0	- 0.2	10.8	7.8	-0.7	0	0	0	0	0	0	0	0	0	0
PHALODI	33.1	+1.0	39.2	18	16.6	+0.7	10.5	29	0.0	0.0	- 3.6	0.0	..	0	- 0.3	14.9	12.1	-0.8	0	0	0	0	0	0	4	0	0	0
JAISALMER	32.5	-0.1	38.4	19	14.6	-2.3	9.2	01	2.8	2.8	+ 0.3	2.8	22	1	+ 0.6	..	..	..	0	2	0	0	0	0	0	0	0	0
JODHPUR	33.8	+0.5	39.2	18	17.2	+0.1	0.0	00	0.0	0.0	- 2.8	0.0	..	0	- 0.2	..	..	..	0	0	0	0	0	0	0	0	0	0
BARMER	..	..	..	..	..	..	..	..	0.3	0.3	- 3.8	0.3	22	0	- 0.5	8.1	7.2	-1.9	0	1	0	0	1	0	0	0	0	0
ERINPURA (JAWAI DAM)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER ... MARCH 1968 (PHALGUNA 11, 1889 - CHAITRA 11, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation: 0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
RAJASTHAN, EAST																												
PILANI	31.4	-0.1	37.0	18	11.7	-1.9	6.5	01	0.0	2.2	- 6.1	1.0	15	0	- 1.2	11.2	9.8	-0.4	1	2	0	0	0	0	0	0	0	0
SIKAR	30.5	-1.0	35.8	18	12.3	-2.2	5.0	01	0.0	16.6	+ 11.1	15.1	21	1	+ 0.4	6.2	4.3	-3.6	0	1	0	0	0	0	0	0	0	0
ALWAR	30.1	-1.7	35.5	18	15.5	-0.6	9.3	01	6.0	22.2	+ 6.0	9.4	20	3	+ 2.2	6.0	4.0	..	0	3	0	0	1	0	0	0	0	0
JAIPUR (SANGANER)	31.4	+0.5	36.7	18	14.5	-1.0	8.6	30	0.0	0.0	- 7.1	0.0	..	0	- 0.8	..	..	..	0	0	0	0	2	0	0	0	0	0
DHOLPUR	32.5	+0.2	37.2	13	14.0	-1.8	7.7	02	0.0	1.6	- 19.0	1.6	20	0	- 1.5	9.4	4.7	-1.1	0	1	0	0	1	0	0	0	0	0
AJMER	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
TONK	32.1	-0.5	37.8	18	15.1	-0.2	7.0	01	0.8	4.0	+ 2.1	3.2	22	1	+ 0.7	6.0	7.0	-0.3	0	2	0	0	0	0	0	0	0	0
BHILWARA	31.7	..	35.4	11	15.2	..	8.5	02	0.0	4.0	..	3.0	14	1	..	9.0	8.0	..	1	0	0	0	2	0	0	0	0	0
KOTA	33.1	-1.0	38.0	18	17.8	-0.7	11.4	01	1.0	13.6	+ 9.5	12.0	13	1	+ 0.5	8.0	6.8	+2.9	0	2	0	0	1	0	0	0	0	0
KOTA AERODROME	32.8	..	38.4	19	18.4	..	11.0	01	6.0	10.2	..	4.2	11	2	..	12.8	11.0	..	1	3	0	0	4	0	1	0	0	0
CHAMBAL (RAWAT BHATTA DAM)	32.9	-1.0	37.3	18	17.4	+1.6	10.6	01	0.0	0.5	- 5.5	0.5	13	0	- 0.2	11.1	7.8	+1.5	0	1	0	0	2	0	3	0	0	0
UDAIPUR	31.0	-1.3	35.1	18	14.8	-0.3	8.2	01	0.0	8.7	+ 5.9	8.5	14	1	+ 0.6	5.9	3.6	0.0	1	0	0	0	2	0	0	0	0	0
JHALAWAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
BANSWARA	34.9	..	39.2	10	19.5	..	13.7	29	0.0	0.0	..	0.0	..	0	..	6.0	7.0	..	0	0	0	0	0	0	0	0	0	0
DUNGARPUR	34.5	..	37.9	12	15.0	..	9.6	01	0.0	15.8	..	15.8	14	1	..	4.0	5.6	..	0	1	0	0	0	0	0	0	0	0
MADHYA PRADESH, WEST																												
GWALIOR	31.9	-1.0	37.0	19	14.8	-1.2	8.1	02	0.0	0.0	- 5.0	0.0	..	0	- 1.0	11.5	6.8	+1.4	0	0	0	0	3	0	1	0	0	0
SHEOPUR	32.6	-1.6	37.7	18	16.0	0.0	8.3	02	0.0	14.6	+ 5.8	14.6	22	1	- 0.1	11.0	8.5	+2.1	0	1	0	0	1	0	0	0	0	0
SHIVPURI	31.2	..	36.6	11	11.9	..	4.9	01	0.0	0.0	..	0.0	..	0	..	11.1	6.6	..	0	0	0	0	0	0	0	0	0	0
NOWGONG	32.0	-1.4	36.5	27	14.0	-0.8	7.9	02	0.0	1.2	- 7.2	0.6	16	0	- 0.9	7.6	4.4	+0.2	0	2	0	0	0	0	0	0	0	0
GUNA	32.6	-0.5	37.7	11	14.9	0.0	7.1	01	0.0	5.7	- 8.3	3.2	16	1	0.0	14.3	9.4	+3.5	0	3	0	0	2	0	0	0	0	0
NIMACH	31.9	-0.8	36.7	11	16.9	+0.1	10.6	01	0.0	9.4	+ 5.8	5.2	14	2	+ 1.7	13.6	10.3	+2.6	0	3	0	0	0	0	0	0	0	0
RAJGARH	33.1	-1.4	37.6	11	16.0	-0.2	11.4	30	5.0	18.5	+ 5.8	7.2	16	3	+ 2.1	12.7	9.7	+1.6	0	3	0	1	1	0	0	0	0	0
SAGAR	34.8	+2.1	38.9	31	20.1	+1.6	15.3	02	12.0	12.0	+ 3.1	12.0	16	1	+ 0.1	9.1	8.6	+0.3	0	1	0	0	2	0	0	0	0	0
RATLAM	33.2	-0.9	37.8	10	16.9	-1.2	10.1	03	0.0	13.6	+ 11.4	9.2	14	2	+ 1.8	12.3	9.8	+2.3	0	2	0	0	3	0	0	0	0	0
BHOPAL (BAIRAGARH)	32.0	-1.6	35.6	12	15.8	-1.3	10.7	29	9.2	13.1	+ 4.2	8.6	16	2	+ 1.1	15.1	11.2	+4.0	0	4	0	0	4	0	0	0	4	0
UJJAIN	30.9	..	34.2	12	13.9	..	7.6	30	4.8	20.6	..	18.6	14	1	..	13.5	8.6	..	0	2	0	0	3	0	0	0	0	0
NARSINGHPUR	32.9	..	37.2	12	13.9	..	8.4	31	5.0	38.6	..	27.8	14	3	..	6.8	4.0	..	0	4	0	0	4	0	0	0	0	0
HOSHANGABAD	33.9	-1.0	38.3	12	16.8	-1.8	11.8	29	0.0	9.4	+ 3.1	4.4	12	2	+ 1.4	..	..	..	0	3	0	0	0	0	0	0	0	0
INDORE	32.4	-1.3	36.0	11	15.2	-0.1	10.8	30	3.3	20.6	+ 17.8	19.8	14	1	+ 0.6	15.9	12.7	-0.3	0	2	0	0	3	0	0	0	0	0
RAJPUR (JHABUA)	34.1	-1.0	38.0	12	17.4	0.0	10.0	30	4.8	25.4	+ 24.7	25.4	14	1	+ 0.6	11.9	7.3	+1.2	0	1	0	0	0	0	0	0	0	0
CHHINDWARA	31.0	-1.9	35.5	28	15.7	-1.3	10.5	05	3.5	33.3	+ 21.0	13.4	13	5	+ 3.3	..	..	..	0	6	0	0	5	0	0	0	0	0
SEONI	31.7	-1.7	37.4	28	16.6	-0.8	13.7	16	28.6	39.0	+ 16.7	18.0	02	4	+ 1.9	10.1	6.3	+0.2	0	5	0	0	5	0	0	0	0	0
BETUL	31.4	-2.2	35.7	28	14.5	-2.0	9.6	31	7.6	52.9	+ 37.2	29.2	14	4	+ 2.4	7.4	4.4	-1.2	1	4	0	0	5	0	0	0	0	0
KHANDWA	34.7	-1.7	37.2	27	16.9	-1.2	11.9	30	7.0	41.9	+ 37.1	32.3	03	3	+ 2.4	10.3	8.4	+1.0	0	3	0	0	2	0	0	0	0	0
TIKAMGARH	32.5	..	0.0	00	14.7	..	0.0	00	0.0	0.0	..	0.0	..	0	..	11.2	7.0	..	0	0	0	0	0	0	0	0	0	0
MADHYA PRADESH, EAST																												
SATNA	31.9	-1.2	37.6	28	15.8	-0.2	11.7	05	0.0	0.0	- 11.9	0.0	..	0	- 1.2	8.6	5.8	+0.3	0	0	0	0	0	0	0	0	0	0
REWA	32.0	..	37.7	27	15.1	..	10.0	31	1.8	1.8	..	1.8	16	0	..	7.3	3.9	..	0	1	0	0	0	0	0	0	0	0
SIDHI	32.5	-0.7	38.0	28	15.9	+0.8	11.0	05	0.0	0.0	- 15.0	0.0	..	0	- 0.8	6.6	3.8	-0.8	0	0	0	0	0	0	0	0	0	0
UMARIA	31.9	-1.0	36.7	28	15.7	+0.4	9.7	31	1.7	1.7	- 17.4	1.7	15	0	- 2.1	9.3	5.7	+1.4	0	1	0	0	3	0	0	0	0	0
JABALPUR	32.2	-1.8	36.2	26	16.5	+1.0	12.0	31	6.9	24.4	+ 8.9	8.1	14	4	+ 2.5	7.5	4.5	-0.1	0	5	0	1	5	0	0	0	0	0
AMBIKAPUR	30.8	-1.0	36.2	28	14.8	-0.2	10.4	31	2.6	2.6	- 17.9	1.0	16	0	- 2.3	11.5	7.5	-0.4	0	4	0	0	2	0	0	0	0	0
JASHPURNAGAR	30.1	..	34.9	28	15.1	..	10.3	06	0.0	8.8	..	8.4	04	1	..	10.0	5.7	..	0	2	0	0	3	0	0	0	0	0
PENDRA	30.1	-1.4	36.1	27	17.5	-0.1	14.0	30	4.5	5.1	- 21.3	3.3	15	1	- 1.3	12.1	7.8	+0.8	0	4	0	0	5	0	0	0	0	0
MANDLA	31.5	-2.2	37.0	28	13.0	-1.1	7.6	31	11.2	15.8	- 11.8	7.2	15	2	- 0.1	6.7	3.4	+0.4	0	4	0	0	6	0	0	0	0	0
CHANPA	33.6	-1.7	38.8	27	18.5	-1.5	16.0	08	3.6	12.0	- 10.7	6.4	13	2	+ 0.3	11.1	7.9	+2.9	0	4	0	0	5	0	0	0	0	0
RAIGARH	33.9	-1.8	39.6	28	19.4	-0.8	15.0	08	3.8	19.7	- 1.3	9.5	02	3	+ 0.9	8.0	5.3	+0.5	0	3	0	0	1	0	0	0	0	0
RAIPUR	33.4	-1.3	38.6	28	19.7	-0.8	16.4	04	1.2	43.2	+ 25.2	19.4	13	3	+ 1.4	10.4	7.2	+0.3	0	6	0	0	4	0	0	0	0	0
KANKER	32.7	-1.7	37.2	27	18.8	0.0	14.2	31	6.3	40.5	+ 20.2	20.8	02	3	+ 1.1	7.4	6.2	+0.7	0	4	0	0	3	0	0	0	0	0
JAGDALPUR	33.1	-1.6	37.4	27	17.7	-0.7	13.7	07	15.2	39.9	+ 25.9	28.3	02	3	+ 1.8	..	..	..	1	5	0	0	2	0	0	0	2	0
GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																												
DEESA	34.5	-1.0	37.5	12	16.8	-0.5	10.3	01	0.0	0.0	- 1.5	0.0	..	0	- 0.1	10.5	8.8	..	0	0	0	0	0	0	0	0	0	0
RADHANPUR	33.7	-1.6	37.9	18	18.0	+1.1	11.1	29	0.0	0.0	0.0	0.0	..	0	0.0	11.4	8.0	+1.7	0	0	0	0	0	0	0	0	0	0
IDAR	34.3	-0.4	37.7	12	19.6	-0.4	15.8	18	0.0	3.4	+ 3.4	3.4	14	1	+ 0.9	10.7	8.6	+0.8	0	1	0	0	0	0	0	0	0	0
AHMADABAD	35.6	-0.1	39.0	12	18.8	+0.2	13.5	29	0.0	5.5	+ 4.2	4.4	14	1	+ 0.8	10.2	6.9	-0.4	0	2	0	0	1	0	0	0	1	0
DOHAD	34.1	-0.8	38.0	10	18.9	-0.4	14.1	30	3.2	6.2	+ 4.6	5.6	14	1	+ 0.9	15.6	14.0	+0.7	0	2	0	0	3	0	0	0	0	0
VALLABH VIDYANAGAR	35.5	..	38.8	12	18.1	..	10.7	30	0.0	2.2	..	2.2	14	0	..	10.2	8.1	..	0	1	0	0	0	0	2	0	0	0
BARODA AERODROME	35.8	-0.7	40.0	12	18.4	-0.1	12.0	29	0.0	0.0	- 0.4	0.0	..	0	- 0.1	11.0	8.5	+1.8	0	0	0	0	1	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — MARCH 1968 (PHALGUNA 11, 1889 - CHAITRA 11, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena - No. of days with											
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
GUJARAT REGION (INCLUDING DAMAN DADRA AND NAGAR HAVELI)																												
BARODA	36.7	+0.1	41.3	13	19.3	+2.7	13.1	29	0.0	0.0	- 0.9	0.0	..	0	- 0.1	4.5	3.0	-1.0	0	0	0	0	0	0	0	0	0	0
BROACH	..	..	..	..	..	..	..	..	..	0.0	- 1.6	0.0	..	0	- 0.1	6.9	5.4	-1.3	0	0	0	0	0	0	0	0	0	0
SURAT	35.7	-0.4	41.0	12	19.2	-0.9	13.5	29	0.0	0.0	- 0.5	0.0	..	0	- 0.1	12.4	9.6	+3.0	0	0	0	0	0	0	0	0	0	0
SAURASHTRA AND KUTCH (INCLUDING DIU)																												
NALIYA	31.4	-1.2	35.8	06	14.5	-1.4	10.1	03	0.0	0.0	0.0	0.0	..	0	0.0	17.5	12.2	+2.7	0	0	0	0	0	4	0	0	0	0
BHUJ (RUDRAMATA)	33.5	-0.5	37.4	17	18.1	-0.2	11.9	29	0.4	1.0	- 1.0	1.0	14	0	- 0.2	16.5	12.8	+4.3	0	1	0	0	1	0	0	0	0	0
KANDLA AERODROME	34.2	..	38.2	18	18.7	..	14.5	29	0.0	0.0	..	0.0	..	0	..	23.0	21.5	..	0	0	0	0	0	0	0	0	0	0
NEW KANDLA	31.5	-0.5	35.6	07	19.9	-0.3	16.3	29	0.0	2.0	+ 2.0	2.0	13	0	0.0	18.3	18.1	+2.5	0	1	0	0	1	0	0	0	0	0
MANDVI	29.3	-0.5	34.0	16	17.7	-0.9	14.0	01	0.0	0.0	- 0.7	0.0	..	0	- 0.2	18.1	15.7	-4.6	0	0	0	0	0	0	0	0	0	0
SURENDRANAGAR	35.4	-0.8	39.5	18	19.7	-0.2	13.8	29	0.0	0.0	0.0	0.0	..	0	0.0	13.9	13.6	+1.2	0	0	0	0	1	0	0	0	0	0
OKHA	27.2	..	29.8	19	21.4	..	20.0	13	0.0	0.0	..	0.0	..	0	..	19.6	20.3	..	0	0	0	0	0	1	1	0	0	0
JAMNAGAR AERODROME	32.5	-0.4	36.5	07	16.4	-1.2	9.7	01	0.0	0.8	- 0.7	0.8	14	0	- 0.1	..	..	..	0	1	0	0	1	0	0	0	0	0
DWARKA	28.3	+0.1	34.8	06	21.4	-0.1	18.0	03	0.0	0.0	- 2.3	0.0	..	0	- 0.2	18.0	16.6	+0.5	0	0	0	0	0	0	6	0	0	0
RAJKOT	34.7	-0.6	38.4	18	17.4	+0.2	10.0	01	0.0	0.0	- 1.3	0.0	..	0	- 0.2	23.6	19.7	+4.1	0	0	0	0	1	0	0	0	0	0
BHAVNAGAR AERODROME	34.9	+0.2	40.2	19	18.6	-1.0	12.3	30	0.0	0.0	- 1.2	0.0	..	0	- 0.1	23.3	19.2	+9.4	0	0	0	0	0	0	0	0	0	0
PORBANDER AERODROME	32.5	+1.0	37.0	07	19.4	-1.1	14.4	01	0.0	0.0	0.0	0.0	..	0	0.0	19.6	15.3	..	0	0	0	0	0	0	0	0	0	0
KESHOD	34.9	-0.7	38.4	12	17.0	-0.5	11.3	29	0.0	0.0	0.0	0.0	..	0	0.0	21.4	17.0	+1.6	0	0	0	0	0	0	0	0	0	0
MAHUVA	34.1	..	39.7	10	19.8	..	15.9	26	0.0	0.0	- 1.4	0.0	..	0	- 0.1	13.2	9.5	..	0	0	0	0	0	0	0	0	0	0
VERAVAL	32.4	+1.3	38.5	13	19.1	+0.7	14.4	28	0.0	0.0	- 1.3	0.0	..	0	- 0.1	22.1	18.6	+3.7	0	0	0	0	1	0	0	0	0	0
DIU	31.3	..	35.4	13	20.4	..	15.4	30	0.0	0.0	..	0.0	..	0	..	17.5	12.7	..	0	0	0	0	0	0	0	0	0	0
KONKAN (INCLUDING GOA)																												
DAHANU	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
BOMBAY (SANTACRUZ)	33.4	+0.6	38.4	12	20.9	+0.7	13.8	30	0.0	0.0	- 0.1	0.0	..	0	0.0	15.7	10.3	-0.1	0	0	0	0	0	1	1	0	0	0
BOMBAY	31.3	+0.3	36.8	12	22.9	+0.2	17.8	30	0.0	0.0	- 1.5	0.0	..	0	- 0.1	12.6	10.5	+0.1	0	0	0	0	1	0	0	0	1	0
ALIBAG	30.9	+0.8	35.1	15	21.4	+0.2	16.7	30	..	0.0	- 0.3	0.0	..	0	0.0	.	10.4	+1.7	0	0	0	0	0	0	0	0	0	0
BHIRA	38.6	..	41.0	09	16.9	..	12.6	30	0.0	2.4	..	2.4	03	0	..	5.4	3.0	..	0	1	0	0	1	0	0	0	0	0
HARNAI	29.7	+0.8	35.2	12	24.1	0.0	21.1	24	0.0	0.0	0.0	0.0	..	0	0.0	19.1	16.5	+1.1	0	0	0	0	0	0	0	0	0	0
RATNAGIRI	32.1	+0.7	36.0	06	22.8	+0.2	20.3	30	0.0	0.3	0.0	0.3	04	0	0.0	10.0	6.7	..	0	1	0	0	0	0	0	0	0	0
DEVGARH	31.5	+0.5	34.5	07	22.7	-1.2	21.2	01	0.0	0.0	- 1.1	0.0	..	0	- 0.1	20.5	16.1	+1.3	0	0	0	0	0	0	0	0	0	0
VENGURLA	32.8	+0.8	35.2	04	21.5	-0.4	18.2	12	0.0	0.0	0.0	0.0	..	0	0.0	13.6	7.5	..	0	0	0	0	1	0	0	0	0	0
PANJIM	32.5	..	35.6	06	23.0	..	21.1	01	0.0	0.0	..	0.0	..	0	..	17.8	13.5	..	0	0	0	0	0	0	0	0	0	0
MORMUGAO	30.8	+0.8	33.3	05	24.1	+0.2	22.2	01	0.0	0.0	- 0.3	0.0	..	0	0.0	17.9	14.7	+2.2	0	0	0	0	0	0	0	0	0	0
DABOLIM (NAVAL AIR STN.)	..	..	..	..	23.8	..	21.6	01	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
MADHYA MAHARASHTRA																												
NANDURBAR	36.1	-1.3	40.8	10	20.8	-1.2	14.4	26	2.0	5.0	+ 3.8	5.0	14	1	+ 0.8	..	..	..	0	1	0	0	0	0	0	0	0	0
JALGAON	36.5	-1.1	39.7	13	17.6	-1.1	8.6	30	2.8	5.0	+ 1.4	2.8	15	1	+ 0.6	15.0	12.2	+2.6	0	2	0	0	0	0	0	0	0	0
MALEGAON	35.3	-1.2	39.0	27	15.2	-1.8	8.6	30	0.0	0.0	- 2.0	0.0	..	0	- 0.3	9.1	7.4	+0.3	0	0	0	0	0	0	0	0	0	0
DHULIA	33.9	..	37.0	13	14.1	..	6.8	30	3.2	5.0	..	2.8	04	1	..	14.2	10.8	..	1	2	0	0	3	0	0	0	0	0
AHMADNAGAR	35.4	-0.2	38.8	27	16.8	-1.2	13.0	31	1.6	2.8	- 1.3	1.6	15	0	- 0.3	11.0	7.2	0.0	0	2	0	0	1	0	0	0	0	0
KHANDALA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
POONA AERODROME	34.6	..	37.3	28	18.2	..	14.5	21	1.4	2.5	..	1.4	15	0	..	..	..	..	0	2	0	0	4	0	0	0	0	0
POONA	34.7	-0.9	37.6	31	16.1	+0.7	12.0	30	0.4	0.9	- 1.1	0.5	14	0	- 0.2	8.7	5.3	..	0	2	0	0	2	0	0	0	0	0
JEUR	35.3	-1.6	38.7	27	18.2	-0.2	15.4	15	3.6	12.8	+ 10.8	10.4	03	1	+ 0.7	11.8	8.5	+0.6	0	2	0	0	1	0	0	0	0	0
BARAMATI	35.3	-1.2	38.4	27	18.2	-0.3	15.8	31	3.2	8.4	+ 5.8	5.2	03	2	+ 1.5	10.8	8.8	0.0	1	2	7	1	8	0	1	0	0	0
SHOLAPUR	36.4	-0.7	39.8	28	20.3	-0.8	17.0	03	0.2	8.7	+ 2.9	5.7	02	2	+ 1.4	10.9	8.9	+0.6	0	2	0	0	3	0	0	0	0	0
MIRAJ	35.4	-0.8	38.4	28	18.6	0.0	14.9	21	0.0	2.8	- 1.0	2.8	04	1	+ 0.3	..	..	..	0	1	0	0	1	0	0	0	0	0
KOLHAPUR	35.5	-0.4	38.4	28	18.8	0.0	16.9	12	0.0	1.3	- 8.4	1.3	04	0	- 0.7	11.2	8.9	-1.2	0	1	0	0	2	0	0	0	0	0
NASIK	33.6	..	37.8	30	28.2	..	24.8	02	..	80.0	..	80.0	03	1	..	..	..	..	0	1	0	0	0	0	0	0	0	0
MARATHWADA																												
AURANGABAD	34.3	-1.3	37.4	28	18.5	-1.6	13.8	15	4.0	28.2	+ 24.1	21.0	03	3	+ 2.5	10.4	9.5	-1.2	0	3	0	0	4	0	0	0	0	0
AURANGABAD (CHIKALTHAN)	33.5	-2.1	37.0	28	14.8	-2.5	9.6	31	3.1	19.8	+ 10.2	14.0	03	3	+ 2.1	10.6	7.1	-2.8	0	3	0	0	3	0	0	0	0	0
PARBHANI	34.8	-2.3	38.5	27	18.5	-1.4	15.5	03	2.0	42.8	+ 31.4	40.0	03	2	+ 1.3	7.3	5.1	-2.6	0	2	0	0	3	0	0	0	0	0
NANDER	34.7	..	38.6	28	17.7	..	14.0	31	..	0.0	..	0.0	..	0	..	5.6	5.0	..	0	0	0	0	0	0	0	0	0	0
BIR	34.4	..	38.2	27	17.7	..	12.1	31	10.5	49.7	..	34.7	03	4	..	8.2	4.7	..	0	4	0	0	2	0	0	0	0	0
VIDARBHA																												
GONDIA	33.4	-1.8	39.0	27	18.8	-0.8	15.2	31	0.0	29.6	+ 12.2	19.8	02	2	0.0	3.3	2.4	-1.6	1	4	0	1	1	0	0	0	0	0
NAGPUR (SONEGAON)	33.6	-2.8	38.6	28	17.5	-1.6	13.7	30	10.9	31.3	+ 14.5	22.3	03	3	+ 1.4	10.7	9.0	+0.1	0	5	0	0	4	0	0	0	1	0
AMRAOTI	34.7	-1.5	39.0	28	19.4	-1.8	15.1	03	1.6	33.4	+ 24.0	21.4	03	2	+ 1.2	12.4	10.3	+0.9	0	3	0	0	1	0	0	0	0	0
AKOLA AERODROME	35.3	..	39.5	28	17.5	..	13.1	30	0.0	19.4	..	19.2	03	3	..	12.1	10.3	..	0	3	0	0	4	0	0	0	0	0
AKOLA	35.2	-1.9	39.3	28	18.8	-0.6	10.8	30	0.1	30.1	+ 22.2	26.1	03	2	+ 1.3	8.7	6.8	+0.2	2	2	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER -- MARCH 1968 (PHALGUNA 11, 1889 - CHAITRA 11, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Maximum fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean hourly 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation: 0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	20	21	22	23	24	25	26	27	28
VIDARBHA (CONTD)																												
BRAMHAPURI	33.8	-1.6	37.9	28	16.9	-2.2	11.8	31	2.6	96.1	+ 60.3	58.7	03	4	+ 1.1	7.6	5.1	+0.1	0	4	0	0	2	0	0	0	0	0
BULDANA	32.2	-2.0	36.2	28	17.9	-3.7	12.9	15	0.0	44.4	+ 38.1	37.0	03	2	+ 1.3	11.1	10.2	+1.1	0	3	0	0	1	0	0	0	0	0
YEOTMAL	34.1	-2.2	38.5	27	19.4	-2.2	14.6	03	14.0	73.4	+ 54.2	42.2	03	2	+ 0.3	12.1	10.0	-0.2	0	4	0	1	2	0	0	0	0	0
CHANDRAPUR	34.5	-2.2	39.6	28	19.3	-0.5	15.0	31	3.8	81.9	+ 67.2	26.2	03	4	+ 2.8	7.7	5.5	+0.8	0	7	0	0	5	0	0	0	0	0
PUSAD	35.4	..	40.4	28	..	..	..	..	0.0	24.6	..	21.0	03	2	..	8.7	5.6	..	0	2	0	0	3	0	0	0	0	0
SIRONCHA	36.2	-1.2	40.4	29	21.3	-0.9	16.6	06	0.6	16.1	- 0.5	12.6	03	2	+ 0.9	7.0	4.3	-1.2	0	3	0	0	0	0	0	0	0	0
WARDHA	34.7	..	39.3	28	18.1	..	14.6	30	5.8	63.8	..	35.8	02	3	..	8.0	6.4	..	0	4	0	0	2	0	0	0	0	0
BHANDARA	33.9	..	0.0	00	19.4	..	0.0	00	0.0	36.4	..	33.4	03	2	..	3.3(S)	2.2(S)	..	0	2	0	0	0	0	0	0	0	0
COASTAL ANDHRA PRADESH																												
KALINGAPATAM	33.2	+1.3	36.5	24	21.8	-1.0	18.8	11	0.0	0.7	- 10.5	..	..	..	..	15.2	10.2	-1.4	.	..	0	0	0	0	0	0	0	0
VISHAKHAPATNAM	34.8	+3.6	38.2	24	22.9	+0.3	18.2	11	0.0	0.8	- 10.4	0.8	01	0	- 0.7	19.9	11.6	+2.0	0	1	0	0	3	0	0	0	1	0
KAKINADA	34.4	+1.4	37.1	23	23.2	+0.1	20.7	11	0.0	0.0	- 11.7	0.0	..	0	- 0.7	9.0	6.6	-1.7	0	0	0	0	0	0	0	0	0	0
NIDADAVOLE	34.4	+0.2	36.5	24	22.1	-0.2	19.4	11	0.0	0.6	- 17.6	0.6	16	0	- 1.1	8.7	5.1	-0.5	0	1	0	0	0	0	0	0	0	0
RENTACHINTALA	37.1	-0.4	41.0	30	23.5	+0.5	19.6	12	0.0	0.0	- 7.1	0.0	..	0	- 0.5	5.7	6.7	-1.4	0	0	0	0	0	0	0	0	0	0
GANNAVARAM	34.8	-0.8	37.6	24	22.6	+0.3	19.8	11	0.0	4.0	- 8.0	4.0	16	1	+ 0.5	16.5	10.0	-0.7	0	1	0	0	1	2	0	0	0	0
MASULIPATAM	32.4	+0.5	35.0	24	21.8	-1.1	19.0	11	0.0	5.0	- 8.5	5.0	16	1	+ 0.4	4.4	2.9	-6.2	0	1	0	0	1	0	0	0	0	0
ONGOLE	34.6	+2.3	39.1	20	..	..	..	..	0.0	0.0	- 6.7	0.0	..	0	- 0.3	5.4	3.9	-4.5	0	0	0	0	1	0	0	0	0	0
NELLORE	34.5	0.0	38.5	21	23.4	+0.3	21.2	09	0.6	4.4	- 2.5	4.4	04	1	+ 0.6	..	..	..	0	1	0	0	0	0	0	0	0	0
VISHAKHAPATNAM (SOLAR)	31.1	..	33.0	03	23.4	..	20.4	11	..	0.0	..	0.0	..	0	..	.	8.0	..	0	0	0	0	1	0	0	0	0	0
TELANGANA																												
RAMGUNDAM	35.9	-1.8	39.6	29	21.3	-1.4	17.0	03	0.4	11.8	+ 1.0	8.4	03	2	+ 1.1	8.7	6.2	-0.7	0	3	0	0	0	0	0	0	0	0
NIZAMABAD	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
HANAMKONDA	34.6	-1.3	38.6	29	21.2	-1.0	18.2	03	0.0	3.0	- 8.2	2.4	15	1	+ 0.2	9.5	8.6	-1.1	0	2	0	0	2	0	0	0	0	0
HAKIMPET AERODROME	34.5	..	38.5	29	20.9	..	17.4	03	0.0	9.0	..	8.7	15	1	..	..	..	..	0	2	0	0	3	0	0	0	0	0
BHADRACHALLAM	36.9	-0.3	40.0	31	23.3	+0.5	21.6	17	0.0	14.4	+ 6.1	8.4	15	2	+ 1.2	7.8	6.3	-2.0	0	3	0	0	3	0	0	0	0	0
HYDERABAD (BEGAMPET)	34.3	-0.5	38.5	29	18.7	-1.3	14.7	07	4.8	15.6	+ 2.7	9.0	15	2	+ 1.2	9.6	5.9	-3.7	0	3	0	0	3	0	0	0	0	0
KHAMMAM	36.6	-0.2	40.1	25	23.1	0.0	20.1	17	0.0	3.0	- 8.2	3.0	17	1	+ 0.1	6.3	6.5	-2.3	0	1	0	0	1	0	0	0	0	0
MAHBUBNAGAR	33.9	-1.7	37.6	31	21.3	+0.1	16.4	12	0.0	15.8	+ 7.9	15.8	15	1	+ 0.6	10.5	7.6	-0.7	0	1	0	0	0	0	0	0	0	0
RAYALASEEMA																												
KURNOOL	36.5	-1.0	40.1	31	22.0	-0.5	15.0	12	13.0	33.8	+ 28.5	19.2	15	2	+ 1.6	8.3	6.3	-1.4	0	2	0	0	0	0	0	0	0	0
NANDYAL	36.6	..	40.1	31	22.1	..	15.4	11	1.0	33.2	..	32.2	16	1	..	8.1	6.7	..	0	2	0	0	0	0	0	0	0	0
ANANTAPUR	35.6	-1.2	39.5	30	22.5	+0.9	17.0	11	5.5	26.6	+ 23.3	14.0	15	2	+ 1.7	12.4	10.9	+1.0	0	2	0	0	0	0	0	0	0	0
CUDDAPAH	35.5	-2.2	39.8	31	23.8	-0.2	20.0	09	0.0	22.4	+ 16.6	22.4	16	1	+ 0.6	8.5	6.5	-4.7	0	1	0	0	0	0	0	0	0	0
AROGYAVARAM	32.6	-0.6	36.8	01	19.1	0.0	16.0	05	0.0	0.0	- 3.3	0.0	..	0	- 0.4	11.0	9.5	+0.9	0	0	0	0	0	0	0	0	0	0
MADRAS STATE (INCLUDING PONDICHERRY)																												
MADRAS	31.9	+0.2	36.0	20	23.7	+0.8	20.6	09	0.0	0.0	- 2.1	0.0	..	0	- 0.2	11.5	7.8	+1.3	0	0	0	0	0	0	0	0	0	0
MADRAS (MINAMBAKKAM)	33.2	+0.5	36.7	31	23.5	+0.4	20.9	09	0.0	0.0	- 13.2	0.0	..	0	- 0.6	13.9	9.2	-1.0	0	0	0	0	0	0	0	0	0	0
VELLORE	34.1	-0.4	37.8	31	20.8	-0.6	16.7	10	6.0	2.0	- 6.4	2.0	16	0	- 0.5	9.5	8.7	+1.2	0	1	0	0	1	1	0	0	0	0
TAMBARAM AERODROME	35.3	..	38.5	31	22.8	..	20.0	09	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
TIRUPPATTUR	32.9	-2.5	35.1	31	20.9	+1.3	17.5	04	0.0	0.0	- 11.0	0.0	..	0	- 0.6	8.1	4.8	+0.6	0	0	0	0	0	0	0	0	0	0
METTUR DAM R.S.	36.0	..	38.7	31	23.8	..	20.9	08	7.2	11.2	..	7.2	17	2	..	6.2	7.5	..	0	3	0	0	0	0	0	0	0	0
CUDDALORE	31.3	+0.5	34.6	31	22.9	0.0	19.7	09	0.0	1.4	- 17.7	1.4	28	0	- 0.8	12.4	9.2	-0.5	0	1	0	0	0	0	0	0	0	0
KALLAKKURICHCHI	34.6	-1.3	37.8	21	..	..	..	..	53.4	53.4	+ 44.7	37.4	28	2	+ 1.2	3.4	2.2	..	0	2	0	0	0	0	0	0	0	0
SALEM	35.6	-0.5	39.0	26	22.9	+0.4	19.1	10	0.2	35.1	+ 23.9	22.7	31	2	+ 1.2	10.9	11.2	+0.9	0	3	0	0	2	0	0	0	0	0
COIMBATORE (PILAMEDU)	33.9	-1.2	36.5	25	21.5	+0.1	17.8	10	1.9	87.8	+ 82.0	65.6	18	3	+ 2.4	15.8	16.1	+4.1	0	5	0	0	5	1	0	0	0	0
COIMBATORE	34.1	-0.6	36.8	25	22.1	0.0	19.0	04	..	57.4	+ 45.5	34.0	18	3	+ 2.1	.	7.4	+0.3	0	4	0	0	4	0	0	0	0	0
NAGAPATTINAM	30.5	+0.2	35.4	30	25.7	+0.6	22.7	19	0.0	0.4	- 23.7	0.4	27	0	- 1.3	16.7	15.9	+1.6	0	1	0	0	2	0	0	0	0	0
TIRUCHCHIRAPPALLI	34.3	-0.8	37.1	24	22.8	-0.1	20.1	09	35.8	38.1	+ 28.7	22.2	15	2	+ 1.2	11.1	8.8	0.0	0	4	0	0	2	0	0	0	0	0
VEDARANNIYAM	32.9	..	34.0	31	24.8	..	22.6	08	10.1	17.1	..	6.7	28	4	..	8.6	5.8	..	0	4	0	0	0	0	0	0	0	0
ATIRAMPATTINAM	32.0	..	33.8	27	23.4	..	20.6	01	29.0	31.0	..	29.0	17	1	..	14.2	9.7	..	0	2	0	0	1	0	0	0	0	0
MADURAI	34.2	-0.8	37.3	24	22.7	-0.7	19.9	08	..	52.8	+ 31.2	31.6	18	4	+ 2.7	.	6.5	+0.7	0	5	0	0	2	0	0	0	0	0
MADURAI AERODROME	34.6	-0.4	37.7	24	22.0	-0.6	19.5	09	1.0	18.4	- 5.3	6.4	18	3	+ 1.8	11.5	8.9	-0.6	0	5	0	0	3	0	0	0	0	0
TONDI	30.6	-0.1	33.4	30	24.0	-0.9	21.7	08	14.0	66.5	+ 42.0	18.5	15	5	+ 4.3	16.9	14.8	-1.8	0	5	0	0	0	0	0	0	0	0
PAMBAN	30.5	-0.3	32.6	24	24.4	-0.7	22.1	16	28.5	82.7	+ 60.1	43.8	27	5	+ 3.4	16.0	14.2	+3.0	0	6	0	0	0	0	0	0	0	0
TUTICORIN	29.9	+0.2	32.0	31	23.3	-1.6	21.3	09	15.3	142.8	+113.2	47.3	16	5	+ 3.7	20.2	18.1	+1.7	0	5	0	0	0	0	0	0	0	0
PALAYANKOTTAI	34.8	-0.2	37.1	12	21.8	-2.6	19.3	29	38.8	86.1	+ 56.1	27.4	18	5	+ 2.9	10.8	7.3	-0.6	1	5	0	0	1	0	0	0	0	0
KANNIYAKUMARI	31.9	..	33.2	21	24.9	..	23.4	18	22.1	40.3	..	21.7	28	3	..	19.9	16.5	..	0	4	0	0	0	0	0	0	0	0
PONDICHERRY	30.1	..	32.3	31	22.5	..	19.7	19	0.0	0.4	..	0.4	28	0	..	18.4	17.4	..	0	1	0	0	0	1	0	0	0	0
PORTNOVO	31.3	..	35.0	31	21.4	..	18.8	09	..	0.0	..	0.0	..	0	..	.	4.6	..	0	0	0	0	2	0	0	0	0	0
TUTICORIN H.P.	30.4	..	32.1	25	24.3	..	22.9	16	3.2	4.4	..	22.6	26	7	..	20.3	18.2	..	0	9	0	0	4	0	0	0	2	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER MARCH 1968 (PHALGUNA 11, 1889 - CHAITRA 11, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	0.3 mm. or more	Blow or dust	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
COASTAL MYSORE																												
KARWAR	31.8	+0.9	34.2	12	23.4	+0.9	20.3	08	0.0	0.0	- 0.3	0.0	..	0	0.0	9.0	5.9	..	0	0	0	0	0	0	0	0	0	0
HONAVAR	32.4	+0.5	34.9	10	22.9	+0.2	20.2	21	0.0	0.0	- 0.3	0.0	..	0	0.0	..	..	..	0	0	0	0	0	0	0	0	0	0
MANGALORE (BAJPE)	33.9	+0.9	36.5	12	23.8	+0.3	21.7	11	0.0	0.7	- 6.4	0.7	13	0	- 0.1	12.8	7.1	-0.7	0	1	0	0	2	0	0	0	0	0
MANGALORE	32.3	+0.6	35.0	08	23.7	-0.8	21.6	12	0.0	0.0	- 8.9	0.0	..	0	- 0.5	11.7	9.5	+1.0	0	0	0	0	0	0	0	0	0	0
MANGALORE H.P.	32.8	..	36.0	05	24.1	..	22.0	11	0.0	3.3	..	3.1	13	1	..	15.7	9.5	..	1	1	0	0	2	0	0	0	0	0
INTERIOR MYSORE NORTH																												
BIDAR	33.3	-1.3	37.0	29	20.8	-1.1	16.4	03	16.7	16.7	+ 4.8	14.7	16	1	- 0.1	13.5	10.9	+0.1	0	2	0	0	0	0	0	0	0	0
GULBARGA	36.4	-0.4	39.8	31	21.2	-0.5	18.2	03	0.0	0.0	- 9.1	0.0	..	0	- 0.8	13.8	10.4	0.0	0	0	0	0	1	1	0	0	0	0
BIJAPUR	36.1	+0.1	38.9	31	21.5	+0.2	18.4	03	0.0	4.8	- 2.3	4.8	03	1	+ 0.3	7.9	6.1	0.0	0	1	0	0	0	0	0	0	0	0
RAICHUR	34.9	-1.7	39.2	30	23.8	+0.1	20.7	15	0.0	0.8	- 3.3	0.8	15	0	- 0.5	11.9	10.9	+0.9	0	1	0	0	0	0	0	0	0	0
BELGAUM	35.0	0.0	38.2	28	18.0	0.0	11.3	21	1.2	3.8	- 6.1	2.6	03	1	+ 0.2	8.5	5.1	-2.1	1	2	0	0	0	0	0	0	0	0
BELGAUM (SAMRA)	34.0	-0.3	37.0	28	19.0	+0.4	16.0	14	0.0	5.3	- 6.2	5.3	03	1	0.0	11.0	7.9	-4.4	0	1	0	0	3	1	0	0	0	0
GADAG	35.7	-0.3	38.6	28	21.1	+0.1	18.1	12	0.0	0.0	- 7.1	0.0	..	0	- 0.6	15.0	8.9	+0.8	0	0	0	0	0	0	0	0	0	0
BIDAR A.F.	33.6	..	37.6	29	19.6	..	15.0	03	13.0	13.2	..	12.0	16	1	..	..	..	..	1	2	0	0	3	0	0	0	0	0
INTERIOR MYSORE, SOUTH																												
BELLARY	37.1	+0.7	40.4	29	22.7	-0.2	17.4	11	0.0	0.0	- 4.8	0.0	..	0	- 0.5	9.7	7.9	+2.0	0	0	0	0	0	0	0	0	0	0
CHITRADURGA	34.0	-0.9	37.9	30	21.6	+0.1	17.0	11	0.0	2.6	- 1.7	2.6	16	1	+ 0.6	10.9	7.7	+0.6	0	1	0	0	0	0	0	0	0	0
SHIMOGA	34.8	-0.5	37.6	27	20.5	+1.4	16.4	11	0.0	16.4	+ 5.9	13.8	15	2	+ 1.1	6.4	4.8	-0.1	0	2	0	0	1	0	0	0	0	0
AGUMBE	31.5	..	33.6	26	16.7	..	11.2	10	..	7.0	..	7.0	17	1	..	.	3.8	..	0	1	0	0	0	0	0	0	0	0
BALEHONNUR	34.0	+2.7	36.3	27	18.4	+0.9	16.4	22	..	5.0	- 16.8	5.0	14	1	- 0.3	..	..	..	0	1	0	0	1	0	0	0	0	0
HASSAN	31.3	-1.6	33.1	20	17.8	-0.4	16.1	21	0.0	8.0	- 2.7	8.0	16	1	+ 0.2	6.4	5.0	-1.7	0	1	0	0	0	1	0	0	0	0
BANGALORE	31.4	-0.9	33.8	25	19.2	+0.2	14.8	10	0.2	6.0	- 4.7	5.8	31	1	+ 0.2	9.5	7.7	-1.7	1	1	0	0	1	0	0	0	0	0
BANGALORE AERODROME	31.6	-1.6	34.9	31	17.6	-1.1	12.0	10	0.0	8.6	+ 3.3	7.8	31	1	+ 0.4	..	..	..	0	2	0	0	1	2	0	0	0	0
MYSORE	32.3	-1.2	35.5	31	20.6	+0.4	17.6	10	0.0	5.3	- 7.9	2.8	18	2	+ 1.1	13.5	10.6	+1.8	0	2	0	0	1	0	0	0	0	0
YALANKA A.F.	32.2	..	35.7	31	17.6	..	11.8	09	0.0	4.1	..	4.1	31	1	..	..	..	..	0	1	0	0	1	1	0	0	0	0
KERALA																												
CALICUT	32.6	0.0	33.8	16	24.4	-0.3	22.7	10	0.0	132.8	+114.3	64.8	18	6	+ 5.2	9.1	7.9	-4.4	0	8	0	0	4	0	0	0	0	0
PALGHAT	36.0	-1.4	38.4	13	23.8	-0.7	21.8	04	0.4	103.6	+ 79.3	47.0	15	5	+ 3.4	11.5	8.9	+0.4	0	6	0	0	1	0	0	0	0	0
FORT COCHIN	32.4	+1.1	33.7	08	24.5	-1.3	22.2	10	16.8	97.2	+ 44.9	50.2	31	5	+ 2.0	13.6	9.7	-0.9	0	7	0	0	8	0	0	0	0	0
COCHIN (NAVAL AIR STATION)	32.5	..	33.9	05	24.6	..	22.0	10	15.2	87.4	..	28.0	17	5	..	13.2	9.4	..	0	7	0	0	12	1	0	0	2	0
ALLEPPEY	32.7	+0.1	34.1	04	24.8	-0.1	22.9	10	16.8	104.8	+ 28.2	52.6	13	3	- 1.2	16.2	10.7	-1.7	0	5	0	0	4	0	0	0	0	0
PUNALUR	35.4	-0.5	37.9	26	22.3	-0.3	17.4	08	0.0	54.6	- 38.0	20.6	14	5	- 0.3	3.6	2.6	-2.0	0	8	0	0	0	0	0	0	0	0
TRIVANDRUM	32.3	-0.2	34.9	13	23.6	-0.6	21.6	09	54.3	104.9	+ 66.3	25.0	28	8	+ 5.3	9.7	6.4	-0.2	0	10	0	0	13	0	0	0	0	0
TRIVANDRUM AERODROME	31.8	-0.6	34.3	25	23.7	0.0	19.5	09	..	123.6	+ 98.2	85.2	28	4	+ 1.9	.	7.3	-0.3	0	7	0	0	12	0	0	0	0	0
ARABIAN SEA ISLANDS																												
AMINI	31.9	-0.8	32.8	18	25.4	-0.3	23.5	11	0.0	1.8	- 2.5	1.8	28	0	- 0.3	11.1	11.2	+2.6	0	1	0	0	1	0	0	0	0	0
AGATTI	31.9	..	32.3	26	22.8	..	22.4	19	0.0	0.2	..	0.2	27	0	..	6.5	4.9	..	1	0	0	0	0	0	0	0	0	0
ANDROTH	32.5	..	33.5	18	25.8	..	23.2	28	0.0	22.8	..	22.8	28	1	..	5.2	4.7	..	0	1	0	0	0	0	0	0	0	0
MINICOY	30.5	0.0	33.0	31	23.8	-0.9	20.6	11	44.2	97.7	+ 76.9	59.0	19	4	+ 2.6	8.1	5.8	-1.1	0	4	0	0	4	0	0	0	0	0
HILL STATIONS (EXCLUDING KASHMIR)																												
DALHOUSIE	16.5	-1.2	22.0	16	6.7	-1.3	0.0	21	52.2	133.8	+ 11.6	52.8	19	5	- 1.2	..	..	..	0	8	..	..	..	..	..	.	..	.
DHARMASALA	21.0	-0.1	25.0	24	11.0	-1.7	5.4	30	31.2	96.8	- 21.5	38.8	21	5	- 1.5	3.7	3.1	-2.9	0	7	0	0	3	0	0	0	0	0
BHUNTAR	22.0	..	26.2	18	6.6	..	3.0	30	54.2	99.9	..	46.8	19	6	..	8.5	6.7	..	1	7	0	2	6	0	0	0	0	0
SIMLA	14.9	+0.5	19.0	12	6.4	-0.4	- 0.7	29	30.7	41.1	- 22.9	17.4	20	4	- 1.2	6.2	4.5	-0.2	0	6	2	0	0	0	0	0	0	0
DHARMPUR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
GHANGARIA (KANJALIA TOK)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
BADRINATH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
JOSHIMATH	17.8	-0.2	22.0	12	6.7	+0.1	1.8	21	67.6	87.3	- 32.8	34.4	20	4	- 3.3	7.2	8.7	+0.1	0	4	2	0	0	0	0	0	0	0
MUSSOORIE	15.5	-0.7	22.1	11	6.0	-1.2	-0.7	30	31.6	44.4	- 13.4	19.0	..	3	- 1.2	12.3	8.8	+0.9	0	4	0	0	3	0	0	0	0	0
MUKTESHAR (KUMAUN)	15.9	+0.1	20.0	13	6.0	-0.4	0.3	21	30.8	36.8	- 11.7	22.0	21	2	- 2.1	5.3	4.4	-8.5	1	3	1	3	5	0	0	0	0	0
NAINITAL	15.1	-1.6	20.0	11	6.6	-1.3	3.1	30	27.0	44.0	- 9.7	30.0	20	2	- 2.1	10.2	7.6	-0.3	0	2	0	0	0	0	0	0	0	0
KALIMPONG	18.5	-2.1	23.4	31	9.7	-2.5	8.0	17	1.5	55.2	+ 26.0	21.0	17	4	+ 0.8	20.9	15.6	+6.1	0	9	0	0	0	0	0	0	0	0
DARJEELING	..	..	..	..	7.6	-0.1	4.0	17	8.3	67.0	+ 13.1	35.0	17	6	+ 1.7	3.6	2.8	-0.3	0	10	0	0	2	2	0	0	0	0
KOHIMA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SHILLONG (C.S.O.)	21.4	-1.2	24.7	30	11.2	+1.3	8.0	01	29.1	55.5	- 0.9	19.1	20	6	+ 1.7	8.6	7.0	+0.8	1	6	0	0	4	0	4	0	1	0
CHERRAPUNJI	21.3	+0.8	24.1	16	11.9	-1.0	9.0	31	18.8	159.3	- 31.2	91.4	22	7	- 0.3	9.4	9.0	-2.8	0	8	0	0	1	2	0	0	0	0
ABU	24.4	-0.9	27.8	12	14.3	-1.6	9.1	01	0.0	8.0	+ 4.1	5.6	14	1	+ 0.5	8.7	5.5	-1.8	0	2	0	0	1	0	0	0	0	0
AIJAL	25.0	0.0	29.1	16	15.1	-0.8	9.1	19	..	..	..	..	..	..	..	..	..	..	.	..	0	3	0	0	0	0	0	0
PACHMARHI	26.6	-2.3	30.7	12	14.1	-0.7	8.8	05	49.8	100.4	+ 85.7	53.2	14	6	+ 4.7	6.3	4.7	+0.2	0	6	0	2	6	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - MARCH 1968 (PHALGUNA 11, 1889 - CHAITRA 11, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Maximum fall in 24 hours	Date	No. of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Frost (a) 0.1 & 2.5 mm.	(b) 2.5 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
HILL STATIONS(EXCLUDING KASHMIR)(CONTD.																												
MAHABALESHWAR	29.0	+0.2	32.7	30	15.4	-2.0	13.0	15	0.0	0.0	- 4.6	0.0	..	0	- 0.4	9.7	10.4	+0.7	0	0	0	0	0	0	0	0	0	0
MERCARA	28.6	+0.1	31.0	26	13.9	-2.7	12.0	28	17.0	17.5	- 1.3	12.8	02	2	+ 0.6	10.4	7.3	-0.7	0	3	0	0	5	0	0	0	0	0
OOTACAMUND	21.7	-0.2	23.3	29	8.4	0.0	4.2	09	4.8	64.4	+ 31.9	10.8	13	7	+ 4.6	4.6	3.0	-1.2	1	10	0	0	0	0	0	0	0	0
COONOOR	22.8	+0.1	26.2	31	9.5	-1.8	5.4	04	..	201.8	+130.9	40.0	14	9	+ 6.2	..	..	..	0	14	0	0	0	0	0	0	0	0
KODAIKANAL	18.6	-0.6	20.4	24	9.5	-0.5	6.6	05	48.6	121.2	+ 69.6	45.0	28	6	+ 2.8	16.4	15.3	+1.8	0	7	0	0	4	9	0	0	0	0
NEPAL																												
KATMANDU	23.7	-1.5	28.3	29	7.4	-0.6	1.7	31	7.9	44.8	+ 11.8	26.8	18	4	+ 0.8	3.0	1.7	-0.2	0	7	0	0	7	1	0	0	0	0
SIKKIM																												
LACHEN	9.2	-1.1	10.9	29	2.1	+0.6	0.4	24	10.9	173.1	+ 35.3	27.4	24	14	+ 2.0	..	..	..	0	17	0	0	0	0	0	0	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																												
DAMODAR CATCHMENT																												
TILAIYA	31.0	..	34.0	28	16.8	..	12.6	01	0.0	32.6	..	31.0	17	1	..	11.7	6.6	..	0	2	0	0	0	0	0	0	0	0
HAZARIBAGH	30.1	..	35.3	28	14.7	..	9.6	31	1.4	9.5	..	9.3	04	1	..	10.2	6.1	..	1	1	0	0	2	0	0	0	0	0
KONAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
BOKARO	33.9	..	39.0	28	13.0	..	8.4	07	0.4	1.3	..	0.5	17	0	..	8.7	6.1	..	0	3	0	0	0	0	0	0	0	0
MAITHON	34.3	..	39.5	29	15.9	..	10.2	31	1.8	2.2	..	1.8	23	0	..	3.2	2.3	..	0	2	0	0	2	0	0	0	0	0
RANGARH	33.4	..	38.8	29	14.4	..	11.4	07	3.0	3.0	..	3.0	17	1	..	6.4	4.1	..	0	1	0	0	1	0	0	0	0	0
PANCHET HILLS	34.0	..	39.2	28	19.5	..	16.4	31	0.2	0.4	..	0.2	18	0	..	5.8	3.7	..	2	0	0	0	0	0	0	0	0	0
DURGAPUR	34.8	..	39.6	29	19.0	..	15.4	07	0.0	0.0	..	0.0	..	0	..	18.5	13.7	..	0	0	0	0	0	0	0	0	0	0
MAHANADI CATCHMENT																												
GINDAMAR	32.4	..	37.7	28	15.5	..	11.1	06	..	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
HIRAKUD	33.7	..	38.4	29	20.3	..	16.9	08	0.0	16.5	..	16.5	02	1	..	5.0	2.9	..	0	1	0	0	0	0	0	0	0	0
BHIMKUND	34.5	..	39.4	28	18.2	..	14.4	07	4.0	18.0	..	14.0	01	2	..	9.1	4.1	..	0	3	0	0	8	1	0	0	0	0
SONEPUR	35.1	..	40.0	27	20.8	..	16.6	08	..	4.5	..	4.0	17	1	..	.	2.1	..	0	2	0	0	0	0	0	0	0	0
KHIJRAMAN	33.3	..	38.1	27	17.6	..	12.7	31	1.8	40.3	..	17.2	03	3	..	..	..	..	0	4	0	0	3	0	0	0	0	0
NARMADA CATCHMENT																												
BAGRA TANA	33.3	..	37.0	28	15.6	..	9.9	31	6.2	20.8	..	12.6	14	3	..	10.0	7.0	..	0	5	0	0	4	0	0	0	0	0
PUNASA	35.3	..	43.6	17	..	..	..	..	4.0	4.0	..	4.0	15	1	..	8.4	8.5	..	0	1	0	0	0	0	0	0	0	0
TMIKRI	37.7	..	41.3	28	18.4	..	14.7	18	..	4.6	..	3.4	14	1	..	..	..	..	0	2	..	..	..	..	..	.	..	.
SABARMATI CATCHMENT																												
DAROI	33.9	..	37.4	12	..	..	..	..	9.6	25.0	..	25.0	14	1	..	..	..	..	0	1	0	0	0	0	0	0	0	0
GANDAK CATCHMENT																												
JAMOSON	16.4	..	19.5	07	2.0	..	- 1.1	31	5.6	8.4	..	4.6	20	1	..	..	..	..	0	3	..	..	..	..	..	.	..	.
KHUDI BAZAR	..	..	..	..	12.1	..	9.4	31	33.6	91.4	..	41.0	08	6	..	..	..	..	0	9	..	..	..	..	..	.	..	.
TIMURE	21.2	..	25.9	29	8.5	..	5.0	31	11.6	31.6	..	11.9	16	4	..	..	..	..	0	7	..	..	..	..	..	.	..	.
POKHARA	25.[illegible]	..	29.2	28	13.2	..	10.4	31	51.7	108.1	..	39.7	15	7	..	1.8	1.2	..	0	11	0	6	13	0	2	0	0	0
GORKHA	24.3	..	28.2	29	12.8	..	9.9	31	26.2	112.2	..	51.0	18	5	..	..	..	..	0	8	0	1	8	1	0	0	0	0
NUWAKOT	25.4	..	29.5	11	13.8	..	11.5	31	0.0	49.5	..	26.1	18	6	..	..	..	..	0	6	..	..	..	..	..	.	..	.
GHAGHARA CATCHMENT(TRANS HIMALAYAN REGION)																												
DAILEKH	21.4	..	25.1	28	10.9	..	7.2	31	12.0	20.2	..	12.0	31	2	..	..	..	..	1	3	..	..	..	..	..	.	..	.
GHAGHARA CATCHMENT																												
SALLYANA	21.4	..	24.9	28	11.0	..	8.4	01	9.8	23.1	..	10.9	21	3	..	..	..	..	0	4	..	..	..	..	..	.	..	.
BUTWAL	30.8	..	34.9	28	18.3	..	12.9	31	0.0	12.6	..	9.6	21	1	..	..	..	..	0	3	..	..	..	..	..	.	..	.
BAGMATI CATCHMENT																												
KATMANDU	[illegible]	UNDER REPAIR		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
KOSI CATCHMENT																												
CHAUTARA	22.9	..	30.4	31	10.5	..	6.1	23	6.0	40.3	..	14.0	23	4	..	..	..	..	0	6	..	..	..	..	..	.	..	.
WALUNGCHUNG GOLA	8.1	..	12.4	30	0.0	..	- 2.4	21	26.9	127.7	..	27.9	16	12	..	..	..	..	0	13	..	..	..	..	..	.	..	.
TAPLETHOK	22.9	..	28.5	29	10.8	..	7.9	31	28.2	121.2	..	26.8	12	12	..	..	..	..	0	16	..	..	..	..	..	.	..	.
BHOJPUR	19.3	..	25.2	29	11.7	..	8.5	31	7.4	11.6	..	5.2	17	2	..	..	..	..	0	4	..	..	..	..	..	.	..	.
TAPLEJUNG	18.8	..	24.8	29	8.7	..	4.6	31	16.6	62.6	..	14.8	15	8	..	6.5	4.7	..	1	13	0	1	10	1	0	0	0	0
OKHALDHUNGA	19.5	..	22.9(h)	04	9.2(d)	..	6.8	01	15.9	31.4	..	9.9	17	4	..	6.1(f)	5.3(h)	..	1	8	0	0	0	2	0	0	0	0
CHAINPUR	25.0	..	31.0	29	13.3	..	10.9	18	1.2	9.7	..	3.0	08	2	..	..	..	..	0	4	..	..	..	..	..	.	..	.
BARAHAKSHETRA	30.7	..	37.2	29	17.4	..	13.0	01	7.1	18.5	..	7.4	17	3	..	9.3	5.6	..	0	4	0	0	3	0	0	0	0	0
TISTA CATCHMENT																												
GANGTOK	18.7	..	23.7	29	8.3	..	5.0	31	40.6	263.9	..	54.2	12	14	..	..	..	..	0	17	0	1	9	2	1	0	0	0
GEZING	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1968 (PHALGUNA 11, 1889 - CHAITRA 11, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C						Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations											
			At mean sea level or lst. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)		Wind direction									
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BAY ISLANDS																											
MAYA BANDAR	0830	28	1011.4	1008.3	-1.5	27.8	24.4	22.8	27.7	74	- 1	2.4	-0.3	3.6	0	0	22	01	14	4	0	0	2	1	0	9	0
	1730	28	1008.3	1005.1	-1.9	28.1	24.4	22.7	27.6	73	+ 0	3.2	-0.1	6.9	0	0	30	00	23	4	0	0	1	2	0	1	0
LONG ISLAND	0830	25	1011.4	1008.6	-1.5	28.9	24.4	22.3	26.9	68	- 7	3.7	+0.7	2.3	0	0	29	00	27	0	0	0	2	0	0	2	0
	1730	25	1009.1	1006.3	-0.9	28.4	23.8	21.5	25.6	67	- 4	3.5	-0.1	1.7	0	0	26	00	25	0	0	0	1	0	0	5	0
PORT BLAIR	0530	79	1009.5	1000.5	..	24.3	23.2	22.7	27.6	90	..	2.3	..	3.1	0	0	16	02	6	2	0	0	0	2	4	15	0
	0830	79	1011.5	1002.7	-0.8	30.2	25.2	22.9	27.9	65	- 4	2.6	-0.8	10.5	0	0	31	02	21	4	0	0	1	3	0	0	0
	1130	79	1010.3	1001.5	..	31.8	25.6	22.8	27.7	59	..	2.8	..	14.8	0	5	26	01	16	9	4	0	1	0	0	0	0
	1430	79	1008.0	999.2	..	31.3	25.5	22.9	27.9	61	..	2.5	..	14.0	0	5	25	01	16	8	3	1	0	1	0	1	0
	1730	79	1008.6	999.8	-0.7	28.3	24.4	22.5	27.3	72	- 2	3.1	-0.8	8.5	0	2	26	00	20	4	1	0	1	2	0	3	0
	2030	79	1010.6	1001.7	..	26.8	24.1	22.9	27.9	79	..	0.7	..	6.8	0	0	23	01	14	5	0	0	0	2	1	8	0
	2330	79	1010.1	1001.1	..	25.9	23.9	23.0	28.1	83	..	1.9	..	6.3	0	1	19	01	12	4	0	0	0	2	1	11	0
CAR NICOBAR	0830	10	1010.8	1009.6	-1.3	29.8	25.4	23.4	28.8	69	- 1	3.9	+0.0	2.4	0	0	28	00	9	19	0	0	0	0	0	3	0
	1730	10	1008.0	1006.7	-1.4	28.4	25.0	23.5	28.9	75	+ 0	4.4	+0.5	2.1	0	0	25	00	8	17	0	0	0	0	0	6	0
NAN COWRY	0830	26	1010.8	1007.9	-1.3	29.8	26.0	24.4	30.5	73	- 2	3.6	-1.3	2.6	0	0	21	00	4	10	1	2	3	0	1	10	0
	1730	26	1008.0	1005.1	-1.0	28.9	25.5	24.0	29.8	75	- 3	4.2	-0.5	1.3	0	0	10	00	2	4	0	0	2	1	0	21	1
KONDUL	0830	8	1011.3	1010.4	-0.5	28.1	25.6	24.5	30.7	81	- 1	4.5	-0.4	6.6	0	0	19	00	9	10	0	0	0	0	0	12	0
	1730	8	1008.4	1007.5	-0.6	27.8	25.4	24.3	30.4	82	- 1	4.5	-0.5	6.6	0	0	24	02	12	10	0	0	0	0	0	7	0
NORTH ASSAM (INCLUDING NEFA)																											
PASIGHAT	0830	157	1012.7	994.6	-1.2	19.2	16.2	14.0	16.1	74	+ 7	6.2	+1.6	19.8	0	19	12	01	0	0	2	0	2	0	26	0	0
	1730	157	1008.4	990.4	-1.6	21.6	17.9	15.4	17.5	69	+ 0	6.2	+1.4	9.4	0	5	22	01	2	3	0	0	3	0	18	4	0
DIBRUGARH (MOHANBARI)	0230	111	1009.9	996.9	..	17.0	15.9	15.1	17.1	89	..	6.2	..	5.7	0	0	24	01	16	3	1	1	0	2	0	7	0
	0530	111	1010.7	997.7	..	16.1	15.2	14.5	16.5	90	..	5.4	..	4.3	0	1	17	02	13	2	0	0	0	1	0	13	0
	0830	111	1012.7	999.8	-0.9	19.5	16.9	15.1	17.1	76	+ 5	5.3	+0.5	8.0	0	0	30	01	20	8	0	0	0	1	0	1	0
	1130	111	1011.3	998.6	..	23.5	18.0	14.2	16.2	58	..	4.8	..	9.2	0	1	28	05	15	7	0	1	0	1	0	2	0
	1430	111	1008.2	995.6	..	25.2	18.2	13.2	15.2	50	..	4.7	..	10.1	0	2	28	01	19	4	0	2	1	2	1	1	0
	1730	111	1008.3	995.6	-0.9	22.3	17.9	14.9	16.9	64	- 3	5.2	+0.3	4.3	0	0	21	07	11	2	0	0	0	0	1	10	0
	2030	111	1010.3	997.5	..	19.1	16.9	15.4	17.5	79	..	5.3	..	5.4	0	1	17	01	12	2	1	0	1	0	1	13	0
	2330	111	1010.5	997.5	..	17.8	16.4	15.4	17.5	86	..	5.9	..	3.6	0	0	16	02	10	3	0	0	0	1	0	15	0
DIGBOI	0830	152	1013.2	995.5	-1.3	19.3	17.6	16.5	18.7	84	+ 6	4.7	+0.1	2.9	0	0	31	02	10	9	1	3	1	4	1	0	0
	1730	152	1009.1	991.8	-0.9	22.1	19.1	17.3	19.7	75	+15	4.4	-0.6	1.6	0	0	17	01	6	6	2	0	0	0	2	14	0
NORTH LAKHIMPUR	0830	102	1012.6	1000.8	-0.9	20.6	17.7	15.7	17.8	75	+ 1	4.9	+0.7	5.7	0	0	28	05	12	6	3	1	0	0	1	3	0
	1130	102	1011.4	999.7	..	24.3	19.0	15.5	17.6	59	..	4.3	..	9.2	0	2	29	05	14	9	3	0	0	0	0	0	0
	1430	102	1008.4	996.8	..	25.0	18.9	14.8	16.8	54	..	4.6	..	9.9	0	0	31	04	15	5	1	4	2	0	0	0	0
	1730	102	1008.5	996.8	-0.7	22.2	18.5	16.1	18.3	69	- 4	5.1	+0.4	5.3	0	0	25	11	11	0	2	0	0	0	1	6	0
	2030	102	1010.4	998.6	..	19.0	17.3	16.1	18.3	84	..	4.5	..	3.5	0	0	17	02	5	2	0	1	0	0	7	14	0
SIBSAGAR	0830	97	(R)																								
	1730	97	(R)																								
GOHPUR	0830	83	1011.8	1002.2	..	21.1	19.6	18.7	21.6	87	+10	4.4	..	0.3	0	0	4	00	4	0	0	0	0	0	0	27	0
	1730	83	1007.4	998.0	..	23.3	20.9	19.6	22.8	83	+16	4.3	..	0.3	0	0	4	00	4	0	0	0	0	0	0	27	0
MAJBAT	0830		..	..	..	21.8	18.7	16.7	19.0	74	..	1.3	-1.5	5.5	0	0	23	00	19	0	4	0	0	0	0	8	0
	1730		..	..	..	24.9	20.6	18.1	20.8	67	..	1.6	-1.7	1.9	0	0	10	00	5	0	2	0	3	0	0	21	0
JORHAT AERODROME	0530	90	1010.0	999.4	..	16.2	15.6	15.2	17.3	94	..	4.1	..	1.8	0	0	7	01	6	0	0	0	0	0	0	24	0
	0830	90	1012.1	1001.6	..	21.0	18.1	16.2	18.4	75	..	4.1	..	6.3	0	1	12	00	11	2	0	0	0	0	0	18	0
	1130	90	1010.4	1000.2	..	25.8	19.7	15.8	17.9	56	..	3.4	..	11.0	0	5	19	01	20	2	0	0	1	0	0	7	0
	1730	90	1007.5	997.1	..	23.1	19.5	17.3	19.7	71	..	3.7	..	7.5	0	1	19	02	15	0	0	0	0	1	2	11	0
	2330	90	1009.7	999.3	..	17.3	16.3	15.6	17.7	90	..	4.2	..	4.7	0	1	11	00	11	0	0	0	1	0	0	19	0
TANGLA	0830	78	1012.2	1003.2	-0.1	22.9	18.2	15.1	17.1	62	- 2	1.8	-0.7	2.8	0	0	29	00	0	20	5	3	0	1	0	2	0
	1730	78	1007.7	998.8	-0.1	26.0	19.7	15.7	17.8	54	-10	1.8	-0.8	1.4	0	0	17	01	0	8	0	0	6	4	0	14	0
TEZPUR	0830	79	1012.2	1003.1	-1.0	21.7	17.4	14.4	16.4	64	- 4	3.3	+0.6	5.1	0	0	29	02	24	2	0	1	0	0	0	2	0
	1730	79	1007.7	998.8	-0.5	26.1	18.7	13.6	15.6	47	- 8	2.6	-0.3	4.1	0	0	21	01	17	0	1	0	2	0	0	10	0
GOLAGHAT	0830	95	1011.8	1000.9	-1.3	20.6	17.8	15.9	18.1	75	+ 0	3.1	-0.6	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	95	1006.8	996.1	-1.5	27.6	19.8	14.7	16.7	47	-13	2.8	-0.9	..	.	..	..	..	..	..	..	..	..	..	..	..	..
RANGIA	0830	60	1012.7	1005.7	..	23.0	19.0	16.5	18.8	68	+ 2	1.8	..	11.2	0	7	19	01	3	19	2	0	0	1	0	5	0
	1730	60	1008.1	1001.3	..	26.4	21.4	18.6	21.4	61	+ 5	1.9(a)	..	3.3	0	1	13	01	2	5	0	1	0	5	0	16	0
CHAPARMUKH	0830	66	1013.3	1005.7	+0.0	22.4	18.1	15.2	17.3	64	+ 0	1.6	-0.6	5.3	0	0	28	01	5	7	13	0	0	0	2	2	0
	1730	66	1007.8	1000.3	-0.3	25.9	19.0	14.3	16.3	50	- 7	2.0	-1.1	2.1	0	0	16	09	3	1	1	0	0	1	1	12	0
GOALPARA	0830	38	1011.3	1006.9	-0.6	21.1	17.3	14.7	16.7	71	+ 1	1.7	-0.7	2.1	0	0	27	02	9	6	0	5	0	4	1	4	0
	1730	38	1006.5	1002.2	-1.0	28.8	22.7	19.5	22.7	60	+11	1.3	-0.6	2.8	0	0	28	03	3	8	1	1	0	11	1	3	0
GAUHATI (BHORJOR)	0230	54	1008.1	1001.8	..	17.6	15.7	14.3	16.3	81	..	1.9	..	5.0	0	0	16	00	7	3	0	2	3	1	0	15	0
	0530	54	1009.1	1002.7	..	16.3	14.8	13.7	15.7	85	..	2.5	..	4.9	0	1	15	01	3	5	1	1	2	2	1	15	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1968 (PHALGUNA 11, 1889 - CHAITRA 11, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. per hour) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
NORTH ASSAM (INCLUDING NEFA)(CONTD)																											
GAUHATI (BHORJOR)	0830	54	1011.3	1005.1	-1.4	22.4	17.7	14.4	16.4	62	- 4	2.5	-0.2	6.9	0	1	23	04	8	8	0	1	0	2	1	7	0
	1130	54	1009.9	1003.7	..	27.5	19.1	13.3	16.2	43	..	2.5	..	12.1	0	3	28	10	10	1	1	0	1	4	4	0	0
	1430	54	1006.4	1000.4	..	29.5	19.0	11.3	13.4	35	..	2.3	..	12.6	0	5	26	03	4	2	1	0	3	8	10	0	0
	1730	54	1006.4	1000.3	-1.6	26.7	18.9	13.5	15.5	46	- 7	2.5	-1.0	5.9	0	0	23	03	4	3	1	0	2	2	8	8	0
	2030	54	1008.9	1002.6	..	21.4	17.5	14.8	16.8	67	..	1.6	..	7.0	0	2	19	01	3	3	0	8	4	2	0	10	0
	2330	54	1009.2	1002.9	..	19.3	16.4	14.3	16.3	74	..	1.9	..	12.6	0	1	19	00	10	2	0	3	3	2	0	11	0
DHUBRI (RUPSI)	0530	45	1008.9	1003.6	..	16.4	14.7	13.4	15.4	83	..	1.5	..	5.7	0	0	24	00	13	4	1	1	2	2	1	7	0
	0830	45	1011.0	1005.8	-1.0	23.0	17.8	14.2	16.2	58	- 1	2.0	-0.2	8.8	0	0	28	00	8	12	1	2	3	2	0	3	0
	1130	45	1009.9	1004.8	..	28.0	18.7	11.9	13.9	39	..	1.6	..	10.9	0	1	29	01	3	7	9	2	4	1	3	1	0
	1730	45	1006.0	1000.9	-1.2	28.0	19.0	12.7	14.7	41	- 7	1.5	-0.4	4.6	0	1	19	01	3	1	0	2	1	5	7	11	0
DHUBRI	0830	35	1011.4	1007.4	-0.9	22.6	18.3	15.5	17.6	65	- 3	1.6	-0.6	9.0	0	1	27	03	15	3	0	0	6	0	1	3	0
	1730	35	1006.6	1002.6	-1.2	27.8	19.2	13.3	15.3	43	- 3	0.3	-1.7	1.7	0	0	10	01	4	0	0	3	1	0	1	21	0
LUMDING	0830	149	1012.6	995.3	..	18.7	16.2	14.4	16.4	78	+11	2.5	..	2.5	0	0	17	01	1	13	0	1	1	0	0	14	0
	1730	149	1007.2	990.4	..	26.9	20.9	17.3	19.7	59	..	3.7	..	2.0	0	0	15	01	0	4	2	4	2	0	2	16	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																											
TURA	0830	370	1011.7	969.8	-1.4	22.3	17.3	13.7	15.7	58	- 9	3.5	+0.5	4.1	0	0	26	00	3	7	9	3	3	1	0	5	0
	1730	370	1007.4	966.4	-1.0	27.7	19.9	14.9	16.9	48	-10	3.4	+0.5	4.3	0	0	25	03	1	0	3	8	6	3	1	6	0
HAFLONG	0830	682	1012.7	936.8	+0.6	20.5	15.4	11.7	13.7	59	- 1	2.6	+0.2	2.2	0	0	29	00	0	0	0	3	26	0	0	2	0
	1730	682	1007.6	932.2	-0.5	22.8	16.3	11.8	13.8	53	+ 1	2.6	-0.5	2.6	0	0	31	00	0	0	0	2	29	0	0	0	0
SILCHAR (KUMBHIRGRAM)	0530	97	1008.7	997.5	..	17.3	15.7	14.1	16.1	79	..	3.0	..	9.4	0	0	31	00	4	27	0	0	0	0	0	0	0
	0830	97	1011.0	999.9	-1.0	21.8	17.8	15.1	17.1	66	+ 2	2.9	+0.4	8.9	0	0	31	00	4	23	1	0	0	1	0	0	2
	1130	97	1009.2	998.3	..	27.3	19.2	13.7	15.7	45	..	2.9	..	7.9	0	0	31	00	2	8	2	5	4	2	0	0	8
	1730	97	1005.7	994.9	-1.6	27.4	19.4	14.0	16.0	46	- 5	2.5	+0.1	5.1	0	1	21	01	1	2	0	0	3	5	2	9	8
SILCHAR	0830	29	1012.1	1008.7	-1.2	22.5	18.7	16.3	18.5	69	- 2	2.8	+0.2	1.0	0	0	15	01	3	4	4	2	0	1	0	16	0
	1730	29	1007.4	1004.1	-1.0	27.9	20.2	15.3	17.4	48	- 6	2.6	+0.1	0.7	0	0	10	00	3	8	1	0	3	3	0	21	0
IMPHAL (TULIHAL)	0530	781	1013.4	924.2	..	11.9	11.1	10.3	12.5	92	..	3.5	..	1.2	0	0	2	00	0	0	0	0	1	8	1	29	0
	0830	781	1012.5	925.1	-2.1	17.9	14.5	12.0	14.0	70	+ 8	3.0	+0.3	1.1	0	0	3	00	0	0	1	0	1	0	1	28	0
	1130	781	1010.1	924.6	..	23.6	16.9	12.4	14.4	51	..	3.2	..	6.3	0	1	18	00	2	1	0	4	1	6	4	12	1
	1430	781	1006.4	921.7	..	25.4	16.9	10.9	13.0	42	..	3.5	..	13.1	0	9	16	00	0	0	0	2	2	8	13	6	0
	1730	781	1007.5	921.8	+0.2	22.1	15.7	11.1	13.2	51	+ 1	3.1	+0.0	6.9	0	1	18	01	0	0	1	0	2	6	9	12	0
	2030	781	1011.2	923.9	..	17.6	14.3	11.9	13.9	69	..	2.9	..	3.7	0	1	8	02	0	1	0	2	0	0	4	22	0
	2330	781	1012.1	924.0	..	15.1	13.3	11.9	13.9	82	..	3.2	..	2.3	0	0	6	02	0	1	0	1	0	0	2	25	0
KAILASHAHAR	0530	29	1010.2	1006.8	..	17.7	16.6	15.9	18.1	91	..	2.6	..	2.0	0	0	15	00	2	3	0	0	7	2	1	16	0
	0830	29	1012.2	1008.9	-1.0	23.9	19.6	16.9	19.3	66	- 5	2.4	-0.3	6.1	0	1	28	00	2	2	3	8	10	2	2	2	0
	1130	29	1010.7	1007.5	..	29.8	20.7	14.9	16.9	42	..	2.7	..	7.2	0	0	30	01	3	2	2	7	6	3	3	1	3
	1730	29	1007.8	1004.6	-1.0	27.8	20.1	15.2	17.3	48	- 5	3.0	+0.4	3.3	0	0	18	00	3	1	0	3	3	3	5	13	0
AGARTALA	0230	16	1007.7	1005.8	..	20.1	18.0	16.7	19.0	80	..	2.3	..	6.7	0	0	23	01	1	3	3	10	1	1	3	8	0
	0530	16	1008.5	1006.6	..	19.3	17.7	16.7	19.0	84	..	2.3	..	6.1	0	0	20	01	0	1	8	8	1	0	1	11	0
	0830	16	1011.2	1008.8	-1.1	25.5	20.2	17.0	19.4	59	-11	3.0	-0.1	10.6	0	3	25	01	0	0	1	13	4	3	6	3	0
	1130	16	1009.5	1007.7	..	30.8	20.7	14.2	16.2	37	..	2.7	..	11.7	0	1	30	06	0	2	0	6	8	6	3	0	0
	1430	16	1006.5	1004.7	..	32.4	20.3	11.9	13.9	30	..	2.9	..	13.3	0	6	25	06	0	1	1	6	4	10	3	0	0
	1730	16	1006.7	1004.9	-0.9	28.6	19.9	14.2	16.2	43	- 6	2.5	-0.2	10.6	0	3	25	06	0	0	3	6	6	5	2	3	0
	2030	16	1008.3	1006.5	..	23.7	18.8	15.6	17.7	61	..	1.6	..	8.2	0	3	18	00	1	0	5	9	4	1	1	10	0
	2330	16	1008.6	1006.7	..	21.4	18.4	16.5	18.8	73	..	2.5	..	7.2	0	2	20	02	0	2	7	10	1	0	0	9	0
SUB-HIMALAYAN WEST BENGAL																											
BAGHDOGRA	0230	131	1008.5	993.2	..	15.7	14.2	13.0	15.0	84	..	1.7	..	4.3	0	0	13	03	7	0	0	0	0	1	1	18	1
	0530	131	1009.1	993.7	..	15.1	13.7	12.6	14.6	85	..	1.9	..	5.7	0	0	18	03	7	2	0	2	1	1	2	13	0
	0830	131	1011.0	996.0	-0.8	23.2	17.6	13.7	15.7	55	- 3	2.5	+0.0	12.2	0	1	27	00	11	10	3	0	1	1	2	3	0
	1130	131	1010.0	995.2	..	28.3	19.2	12.9	14.9	40	..	2.4	..	16.8	0	4	27	00	1	16	9	0	3	2	0	0	0
	1430	131	1006.5	991.9	..	30.1	19.9	12.9	14.9	36	..	2.9	..	14.2	0	5	24	01	0	5	4	3	8	5	0	2	3
	1730	131	1006.3	991.5	-1.1	26.4	19.3	14.7	16.7	49	+ 1	2.8	-0.5	12.6	0	4	22	01	8	3	1	0	7	6	0	5	0
	2030	131	1008.7	993.6	..	20.1	16.5	13.9	15.9	68	..	1.9	..	7.6	0	0	21	06	4	1	0	0	3	7	0	10	0
	2330	131	1009.3	994.0	..	17.6	15.4	13.7	15.7	79	..	2.0	..	5.6	0	0	18	04	4	1	0	0	1	4	3	13	1
JALPAIGURI	0830	83	1011.0	1001.5	-0.9	20.9	17.2	14.6	16.6	68	- 1	1.3	-0.6	3.9	0	1	25	07	8	9	0	1	0	1	0	5	0
	1730	83	1006.0	996.8	-1.0	27.5	19.3	13.7	15.7	44	+ 1	1.2	-0.7	2.9	0	0	19	03	3	2	2	0	3	4	2	12	0
COOCH BEHAR AERODROME	0830	43	1011.4	1006.5	-0.2	22.7	17.1	13.0	15.1	55	-10	1.8	-1.0	13.8	0	9	21	01	3	20	0	1	3	2	0	1	0
	1130	43	1010.2	1005.4	..	27.9	18.5	11.1	13.2	38	..	1.9	..	15.0	0	10	21	01	2	12	4	5	2	3	0	0	2
	1730	43	1006.6	1001.8	-1.0	27.4	18.8	12.7	14.7	41	-14	1.7	-0.7	5.1	0	1	11	00	1	5	0	2	0	4	0	19	0
BALURGHAT	0830		..	..	..	24.1	17.6	12.9	14.9	52	..	1.7	..	2.8	0	0	18	02	2	2	0	1	4	6	1	13	0
	1730		..	..	..	27.8	19.3	13.5	15.5	40	..	1.1	..	2.3	0	0	13	00	0	1	1	0	4	6	1	18	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH, 1968 (PHALGUNA 11, 1889 - CHAITRA 11, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SUB HIMALAYAN WEST BENGAL (CONTD.)																											
MALDA	0830	31	1010.8	1007.2	-0.8	25.1	16.9	10.4	12.6	42	-11	1.0	-0.8	1.6	0	0	18	01	2	1	1	1	2	6	4	13	0
	1730	31	1006.3	1002.8	-1.1	30.8	18.4	8.5	11.1	26	-9	1.1	-0.4	2.3	0	0	24	01	2	1	1	0	1	8	10	7	0
GANGETIC WEST BENGAL																											
BERHAMPORE	0830	19	1010.9	1008.7	-0.7	24.9	18.2	13.5	15.5	51	-6	1.5	-0.7	1.3	0	0	15	01	0	3	0	5	1	4	1	16	0
	1730	19	1006.8	1004.7	-0.2	30.6	19.6	11.8	13.8	35	+1	1.7	-0.3	1.5	0	0	13	01	0	3	0	1	2	6	0	18	0
SURI	0830		..	..	..	27.3	17.8	10.5	12.7	36	-9	1.0	-1.0	4.6	0	0	31	05	2	4	0	8	0	12	0	0	0
ASANSOL	0230	126	1008.4	993.8	..	20.3	15.6	11.9	13.9	60	..	1.4	..	1.6	0	0	10	01	0	1	0	0	0	5	3	21	0
	0530	126	1009.2	994.5	..	18.9	15.1	12.1	14.1	65	..	2.2	..	1.5	0	0	13	02	0	1	2	0	1	5	2	18	0
	0830	126	1011.1	996.8	-0.6	26.7	18.0	10.5	12.7	40	-7	1.6	-0.4	4.5	0	0	24	03	0	1	0	1	1	5	13	7	0
	1130	126	1009.7	995.8	..	32.6	19.2	8.8	11.3	24	..	1.7	..	6.8	0	0	31	02	6	1	0	2	5	1	14	0	0
	1430	126	1006.6	992.7	..	34.1	19.4	7.8	10.6	21	..	2.2	..	7.8	0	0	27	01	2	1	0	0	3	9	11	4	0
	1730	126	1006.1	992.1	-0.7	31.6	19.1	9.6	11.9	27	+0	2.2	+0.2	4.3	0	0	24	00	1	1	0	1	1	5	15	7	0
	2030	126	1008.5	994.2	..	24.7	17.7	12.6	14.6	49	..	1.1	..	2.1	0	0	11	02	2	0	1	0	1	1	4	20	0
	2330	126	1009.2	994.7	..	22.0	16.3	11.9	13.9	54	..	1.5	..	2.8	0	1	12	03	1	2	0	1	0	3	3	18	0
SHANTI NIKETAN	0830	59	1011.3	1004.5	..	25.8	18.3	13.0	15.0	46	..	2.0	..	5.1	0	0	27	05	5	0	1	4	1	6	5	4	0
	1130	59	1010.1	1003.5	..	31.5	19.0	9.4	11.8	27	..	1.9	..	6.6	0	0	31	07	5	2	0	1	2	7	7	0	0
	1730	59	1006.7	1000.1	..	31.4	19.2	10.1	12.3	28	..	1.9	..	5.2	0	0	23	05	1	0	1	0	3	8	5	8	0
KRISHNANAGAR	0830	15	1010.8	1009.1	-1.0	27.3	19.5	14.3	16.3	46	-19	1.2	-1.1	1.9	0	0	8	00	1	0	3	3	0	0	1	23	0
	1730	15	1007.9	1006.2	+0.3	30.9	20.1	12.7	14.7	34	-6	1.4	-0.6	0.6	0	0	3	00	0	0	1	1	0	1	0	28	0
PURULIA	0830	255	1011.4	982.7	-0.9	24.9	17.7	12.5	14.5	47	+2	1.8	+0.0	4.3	0	0	27	06	1	0	3	2	2	5	8	4	0
	1730	255	1006.1	978.2	-0.9	31.7	20.2	12.3	14.3	31	+5	2.6	+0.1	5.0	0	0	26	04	2	0	0	2	4	2	12	5	0
BANKURA	0830	100	1010.8	999.4	..	25.4	19.3	15.3	17.4	55	..	1.1	..	1.2	0	0	16	00	2	1	2	0	1	9	0	15	1
	1730	100	1006.4	995.3	..	31.7	22.4	17.1	19.5	43	..	0.7	..	0.3	0	0	5	00	0	0	0	0	0	2	0	26	3
BURDWAN	0830	32	1011.0	1007.4	-0.5	27.8	20.7	16.4	18.6	51	-13	1.2	-0.7	3.5	0	0	26	05	2	2	1	4	3	5	4	5	0
	1730	32	1006.8	1003.3	-1.1	31.8	21.8	15.8	17.9	39	+4	1.1	-0.6	2.8	0	0	26	05	3	2	1	2	2	8	3	5	0
CALCUTTA (DUM DUM)	0230	6	1007.7	1007.0	..	22.5	20.9	20.0	23.4	86	..	1.5	..	3.2	0	1	17	00	0	1	2	6	5	2	2	13	0
	0530	6	1008.6	1007.9	..	21.4	19.9	19.1	22.1	86	..	2.3	..	3.9	0	0	19	01	3	0	3	4	4	1	3	12	0
	0830	6	1010.7	1010.0	-1.2	26.3	21.1	18.1	20.8	82	-8	2.8	+0.3	3.9	0	0	28	03	3	3	3	2	10	1	3	3	0
	1130	6	1009.9	1009.2	..	31.5	21.6	15.6	17.7	39	..	2.3	..	8.2	0	0	30	05	3	0	1	0	11	3	7	1	0
	1430	6	1006.8	1006.1	..	33.2	22.0	15.7	17.8	35	..	2.1	..	7.3	0	1	29	04	1	1	3	4	9	1	7	1	0
	1730	6	1006.5	1005.8	-1.3	31.0	21.8	16.4	18.6	43	-4	2.4	+0.2	3.8	0	0	20	02	1	2	2	4	6	1	2	11	0
	2030	6	1008.5	1007.8	..	25.8	21.2	18.6	21.4	65	..	1.4	..	7.0	0	0	27	00	1	2	5	11	8	0	0	4	0
	2330	6	1008.7	1008.0	..	23.7	21.2	19.9	23.2	80	..	1.4	..	5.7	0	0	24	00	1	0	3	12	7	1	0	7	0
CALCUTTA	0830	6	1010.8	1010.1	-1.0	28.2	21.4	17.5	20.0	54	-17	2.3	+0.0	7.4	0	1	29	05	3	2	1	4	9	3	3	1	0
	1130	6	1009.8	1009.1	..	32.6	21.5	14.6	16.6	34	..	2.0	..	8.5	0	1	30	03	2	1	1	4	7	6	7	0	0
	1730	6	1006.6	1005.9	-1.0	31.0	20.9	14.5	16.5	38	-8	2.2	+0.1	7.3	0	2	26	02	0	1	4	9	5	4	3	3	0
MIDNAPORE	0830	45	1010.6	1005.4	-1.1	27.3	19.0	13.3	15.3	44	-15	1.3	-0.6	3.6	0	0	30	07	10	0	2	3	7	0	1	1	0
	1730	45	1006.1	1001.1	-1.7	33.5	19.6	9.0	11.5	23	-10	2.0	-0.2	5.5	0	0	27	03	10	0	1	3	6	0	4	4	0
CONTAI	0830	11	1011.0	1009.9	-0.5	27.3	23.2	21.1	25.0	70	+2	1.9	-0.4	7.8	0	3	26	05	5	0	0	5	11	1	2	2	0
	1730	11	1007.4	1006.2	-0.7	27.7	24.1	22.4	27.1	73	+1	1.8	-0.8	14.6	0	8	22	00	0	1	12	14	3	0	0	1	0
SAGAR ISLAND	0830	3	1010.5	1010.2	-1.1	27.0	23.6	21.9	26.0	74	+2	3.1	+0.3	15.7	0	12	17	04	1	0	0	9	9	2	4	2	0
	1730	3	1006.9	1006.6	-1.1	27.6	23.9	22.1	26.6	72	-2	2.8	+0.0	19.8	0	15	16	00	0	1	14	13	3	0	0	0	0
SANDHEADS	0530	10	1008.5	1007.4	..	26.2	23.9	22.9	27.9	82	..	2.2	..	20.1	0	13	18	02	2	0	0	0	21	4	2	0	0
	0830	10	1011.0	1009.9	-1.0	27.4	24.1	22.5	27.3	75	-1	1.9	-0.3	17.8	0	11	18	02	2	0	1	0	17	5	2	2	0
	1130	10	1010.8	1009.7	..	28.4	24.3	22.3	26.9	71	..	1.6	..	16.8	0	11	17	03	4	0	0	0	16	4	1	3	0
	1730	10	1007.7	1006.5	-1.0	27.5	24.1	22.5	27.3	74	-3	2.5	+0.6	17.7	0	5	25	00	0	2	4	3	19	1	1	1	0
	2330	10	1009.1	1008.0	..	26.7	24.2	23.1	28.3	80	..	0.5	..	20.3	0	14	16	00	0	0	3	3	22	1	1	1	0
ORISSA																											
BARIPADA	0830	54	1011.8	1005.7	-1.4	27.3	20.1	15.5	17.6	49	-8	1.4	-0.3	4.2	0	0	26	10	6	0	2	3	3	1	1	5	0
	1730	54	1007.2	1001.1	-1.6	32.2	22.4	16.8	19.1	41	-4	2.1	+0.0	4.1	0	0	23	00	0	1	9	7	3	2	0	8	1
JHARSUGUDA	0230	230	1008.7	982.4	..	21.5	17.0	13.7	15.7	63	..	1.8	..	4.0	0	0	24	04	7	1	2	0	3	0	5	7	0
	0530	230	1009.4	982.9	..	19.6	16.3	13.9	15.9	70	..	2.3	..	4.3	0	0	24	02	9	5	2	2	3	1	0	7	0
	0830	230	1011.4	985.3	-0.8	24.8	17.8	12.7	14.7	50	+4	2.3	+0.4	7.0	0	0	30	04	14	0	2	1	4	2	3	1	0
	1130	230	1010.4	984.8	..	30.6	19.1	10.5	12.7	31	..	1.7	..	11.2	0	3	28	01	3	2	3	3	7	8	4	0	0
	1430	230	1006.9	981.7	..	33.2	19.5	9.1	11.5	25	..	2.1	..	14.8	0	12	19	04	1	0	1	4	3	12	6	0	0
	1730	230	1006.4	981.1	-0.3	31.8	19.0	9.1	11.5	27	+1	2.1	-0.1	11.9	0	9	18	00	1	0	0	2	6	14	4	4	0
	2030	230	1008.5	982.7	..	26.4	18.2	12.2	14.0	43	..	1.3	..	5.5	0	0	29	02	1	1	1	6	6	10	2	2	0
	2330	230	1009.2	983.1	..	23.4	17.6	13.5	15.5	54	..	1.2	..	4.6	0	0	25	04	3	2	4	2	4	2	4	6	0
KEONJHARGARH	0830	463	1013.0	961.3	-0.1	23.7	17.5	13.0	15.0	54	+6	1.2	-0.2	1.4	0	0	20	01	1	3	0	2	0	12	1	11	0
	1730	463	1006.3	956.1	-0.9	31.0	19.7	11.7	13.7	35	+3	1.7	-0.6	1.6	0	0	25	03	0	0	0	0	0	22	0	6	0

TABLE III – SUMMARY OF OBSERVATIONS AT FIXED HOURS – MARCH ,1968 (PHALGUNA 11,1889 – CHAITRA 11,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	Wind Speed 20 to 61	Wind Speed 1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
ORISSA (CONTD.)																											
BALASORE	0830	20	1011.0	1008.8	-0.7	27.8	21.0	17.0	19.4	53	-11	1.8	-0.6	10.3	0	3	28	07	8	0	0	3	12	0	1	0	0
	1730	20	1006.8	1004.7	-0.8	28.6	22.3	18.9	21.8	57	- 5	2.5	-0.5	10.3	0	1	29	00	0	0	4	23	2	1	0	1	0
SAMBALPUR	0830	148	1011.0	994.2	-1.0	25.7	19.0	14.5	16.5	52	- 2	1.6	-0.1	1.2	0	0	12	01	3	1	0	0	5	1	1	19	0
	1730	148	1007.0	990.6	-0.4	30.8	20.0	12.6	14.6	35	+ 6	2.0	+0.0	0.4	0	0	6	02	1	0	0	1	1	1	0	25	0
ANGUL	0830	139	1012.1	996.4	+0.0	26.2	20.7	17.5	20.0	60	- 1	2.0	-0.1	2.9	0	0	27	05	0	5	0	4	1	11	1	4	0
	1730	139	1006.6	991.4	-0.2	33.6	22.8	16.6	18.9	37	+11	3.5	+1.0	3.7	0	0	29	04	0	6	0	8	0	11	0	2	0
CHANDBALI	0830	6	1011.6	1010.9	-0.6	26.7	22.6	20.5	24.1	69	- 6	1.9	-0.5	7.0	0	1	28	02	1	1	1	2	10	3	9	2	0
	1730	6	1007.3	1006.6	-0.9	29.4	22.9	19.5	22.7	56	- 1	2.6	+0.5	11.8	0	2	29	00	3	6	18	1	2	1	0	0	0
BOLANGIR	0830	190	1011.3	989.9	-0.6	27.1	21.4	18.1	20.8	58	+ 5	0.9	-1.2	2.7	0	0	23	04	1	0	2	6	4	2	4	8	0
	1730	190	1006.5	985.4	-1.6	32.9	23.3	17.7	20.2	44	+ 9	2.2	-0.4	3.5	0	0	24	03	2	0	1	2	4	3	9	7	0
PHULBANI	0830	464	1011.5	959.8	..	23.8	18.4	15.2	17.3	61	..	0.7	..	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
	1730	464	1005.6	955.4	..	31.2	19.8	12.8	14.8	35	..	0.8	..	0.6	0	0	7	02	0	0	0	0	3	0	2	24	0
CUTTACK	0830	27	1011.9	1008.8	-0.3	26.5	22.5	20.4	24.0	70	- 3	1.5	-1.0	4.7	0	0	23	01	2	2	0	4	7	5	2	8	0
	1730	27	1007.2	1004.2	-0.5	32.3	22.7	17.3	20.8	42	+ 1	1.4	-1.0	6.7	0	2	24	01	0	3	3	5	13	1	0	5	0
TITLAGARH	0830	211	1011.5	987.6	-0.6	25.6	19.2	15.0	17.0	54	+ 4	2.6	+1.2	1.9	0	0	29	00	16	0	4	0	8	0	1	2	0
	1730	211	1004.4	981.3	-2.1	34.0	21.3	13.0	15.0	30	+ 3	2.4	+0.5	1.8	0	0	29	00	20	0	0	0	6	0	3	2	0
BHUBANESWAR	0230	46	1008.4	1003.1	..	23.9	22.5	21.8	26.1	88	..	1.9	..	12.1	0	5	24	00	0	0	3	6	16	4	0	2	0
	0530	46	1009.0	1003.8	..	23.1	22.1	21.6	25.8	91	..	2.5	..	8.8	0	3	22	01	1	0	1	6	9	5	2	6	0
	0830	46	1011.5	1006.3	-0.5	26.5	23.0	21.3	25.3	73	+ 3	2.9	+0.6	12.9	0	7	18	03	2	0	0	0	12	4	4	6	0
	1130	46	1010.7	1005.5	..	31.9	22.3	16.7	19.0	41	..	1.8	..	14.1	0	6	24	01	3	2	1	2	15	5	1	1	0
	1430	46	1007.4	1002.3	..	34.0	22.0	14.6	16.6	32	..	2.5	..	16.5	0	8	22	00	0	0	1	8	11	5	3	1	2
	1730	46	1007.3	1002.2	-0.8	30.3	22.5	18.2	20.9	49	+ 1	2.3	+0.0	18.1	0	12	19	01	0	3	0	14	11	1	1	0	0
	2030	46	1009.6	1004.4	..	26.3	22.9	21.2	25.2	74	..	1.5	..	12.8	0	4	27	00	0	2	1	14	11	2	1	0	0
	2330	46	1009.7	1004.5	..	25.1	23.1	22.1	26.6	84	..	2.7	..	13.7	0	7	22	00	0	1	3	9	12	3	1	2	0
PURI	0830	6	1011.5	1010.7	-0.8	27.4	25.9	25.3	32.2	90	+14	2.1	-0.5	19.0	0	15	13	04	0	0	0	0	24	0	0	3	0
	1730	6	1007.8	1007.1	-0.7	26.8	25.8	25.4	32.4	92	+13	1.1	-1.6	18.7	0	14	14	06	0	0	0	1	21	0	0	0	0
GOPALPUR	0530	17	1009.1	1007.1	..	23.3	22.1	21.5	25.6	89	..	2.5	..	9.3	0	5	18	03	1	0	0	0	9	2	8	8	0
	0830	17	1011.4	1009.5	-0.6	26.1	23.5	22.2	26.7	79	+ 6	2.6	+1.0	10.8	0	6	19	07	3	0	0	0	11	2	2	6	0
	1130	17	1011.0	1009.1	..	29.9	25.5	23.5	28.9	69	..	2.0	..	15.1	0	8	23	02	1	1	3	13	9	1	1	0	0
	1730	17	1007.6	1005.7	-0.8	28.0	25.7	24.7	31.1	83	+ 4	3.5	+0.9	19.6	0	15	16	00	0	1	3	14	13	0	0	0	0
	2330	17	1009.8	1007.9	..	25.7	24.4	23.9	29.7	89	..	1.7	..	17.2	0	11	16	01	0	0	0	2	23	1	0	4	0
KORAPUT	0830	913	1522.5	912.1	-0.3	22.5	16.0	11.4	13.5	51	-10	0.9	-0.4	6.0	0	0	31	00	0	0	30	0	1	0	0	0	0
	1730	913	1500.2	908.7	-0.7	27.8	16.7	8.3	10.9	31	- 8	2.1	-0.4	7.7	0	0	31	00	0	0	0	31	0	0	0	0	0
BIHAR PLATEAU																											
DUMKA	0830	149	1011.0	994.1	-0.5	24.8	17.3	11.6	13.7	45	- 2	1.0	-0.4	2.5	0	0	15	02	2	1	0	3	2	3	2	16	0
	1730	149	1006.9	990.4	+0.1	30.3	19.4	11.6	13.7	34	+ 3	1.1	-0.5	3.1	0	0	15	00	2	1	2	1	1	3	5	16	0
DALTONGANJ	0830	221	1012.1	986.9	-0.2	22.8	16.9	12.5	14.5	53	+ 0	2.4	+0.6	2.9	0	0	23	00	0	0	1	0	13	0	9	8	0
	1730	221	1007.1	982.5	-0.2	29.9	19.0	11.0	13.1	32	+ 5	2.5	+0.2	2.9	0	0	19	00	0	0	0	0	1	0	18	12	0
HAZARIBAGH	0830	611	1010.7	942.8	-0.8	23.0	15.7	10.3	12.5	45	+ 8	1.6	-0.3	4.6	0	1	20	02	1	1	1	1	5	1	9	10	0
	1730	611	1006.0	939.5	-0.8	27.8	17.4	10.0	12.3	35	+ 8	2.0	-0.2	8.1	0	0	31	02	1	1	1	0	1	2	23	0	0
DHANBAD	0830	257	1010.7	981.8	-0.9	26.1	17.6	11.0	13.1	40	+ 1	1.1	-0.2	3.1	0	0	24	02	1	0	2	1	5	8	3	7	2
	1730	257	1005.9	977.6	..	31.6	18.9	9.1	11.5	25	..	1.7	..	3.2	0	0	29	00	3	0	2	0	1	4	19	2	0
RANCHI AERODROME	0530	652	1009.4	936.2	..	18.3	12.5	7.4	10.3	50	..	1.1	..	7.0	0	2	16	00	0	0	1	0	3	8	6	13	0
	0830	652	1010.4	938.3	-1.5	23.5	14.6	7.2	10.1	37	- 5	1.3	-0.6	10.5	0	7	12	03	3	1	0	0	2	5	5	12	0
	1130	652	1008.8	937.9	..	27.9	15.8	5.7	9.1	25	..	1.5	..	22.1	0	15	15	01	0	1	3	1	2	15	7	1	0
	1430	652	1005.3	935.1	..	29.9	16.2	4.5	8.4	21	..	2.1	..	24.4	0	19	11	01	0	1	2	1	0	16	9	1	0
	1730	652	1005.3	934.7	-1.6	28.4	15.9	5.4	9.0	25	- 7	2.1	-0.7	20.3	0	11	19	02	1	1	0	0	2	8	16	1	0
	2030	652	1008.5	936.6	..	23.6	14.7	7.3	10.2	36	..	1.1	..	9.9	0	4	26	03	0	0	0	1	1	9	13	4	0
JAMSHEDPUR	0830	129	1010.9	996.2	-1.1	24.5	17.3	11.9	13.9	47	- 4	1.5	-0.1	1.5	0	0	17	01	1	1	0	0	0	10	4	14	0
	1730	129	1005.8	991.6	-0.9	33.2	19.3	8.5	11.1	23	- 4	1.7	-0.6	2.7	0	0	20	02	2	2	0	0	3	9	2	11	0
JAMSHEDPUR P.B.O	0530	142	1009.0	992.7	..	20.3	15.9	12.6	14.6	62	..	1.5	..	1.2	0	0	6	00	0	1	0	1	0	1	3	25	0
	0830	142	1011.0	995.0	-0.8	25.0	17.6	12.1	14.1	46	- 2	1.7	+0.1	4.7	0	0	24	00	3	1	0	0	3	9	8	7	0
	1130	142	1009.7	993.9	..	31.4	19.3	10.3	12.5	29	..	1.5	..	6.2	0	0	28	00	3	1	1	3	8	8	4	3	0
	1430	142	1006.1	990.5	..	33.7	19.8	9.4	11.8	24	..	2.6	..	8.6	0	0	28	04	0	1	2	0	5	9	7	3	0
	1730	142	1005.7	990.0	-0.9	32.8	19.6	9.8	12.1	25	+ 1	2.4	+0.0	5.9	0	0	21	01	2	0	1	0	1	11	5	10	0
	2030	142	1008.0	992.1	..	27.4	18.3	11.6	13.7	39	..	1.3	..	3.3	0	0	19	03	2	1	1	0	1	5	6	12	0
	2330	142	1008.8	992.7	..	24.4	17.2	11.5	13.6	46	..	1.1	..	4.5	0	0	26	04	3	0	1	2	4	5	7	5	0
CHAIBASA	0830	226	1010.9	985.3	-1.0	25.0	17.2	11.2	13.3	43	-15	2.1	-0.2	2.1	0	0	20	00	3	0	2	0	13	0	2	11	0
	1730	226	1005.9	980.9	-0.8	31.9	18.2	6.7	9.8	21	-13	3.9	+1.1	5.4	0	0	25	00	4	0	0	3	12	1	5	6	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – MARCH ,1968 (PHALGUNA 11,1889 - CHAITRA 11,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of normal standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry Bulb	Mean temperature in °C: Wet Bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	Wind Speed (Km. p. h.): 62 or more	Wind Speed (Km. p. h.): 20 to 61	Wind Speed (Km. p. h.): 1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BIHAR PLAINS																											
MOTIHARI	0830	66	1010.6	1002.9	-0.5	21.4	16.7	13.2	15.2	60	+ 3	1.5	+0.2	3.6[c]	0	0	24	00	0	10	2	0	1	8	3	4	0
	1730	66	1006.7	999.2	-0.2	27.6	19.0	13.0	15.0	41	+ 1	0.7	-0.4	3.3[h]	0	0	10	00	0	2	1	0	0	6	1	13	0
FORBESGANJ	0830	61	1010.6	1003.7	-0.8	21.8	17.5	14.5	16.5	64	+ 3	1.3	-0.5	5.3	0	2	26	00	1	16	0	0	1	9	1	3	0
	1730	61	1006.3	999.5	-0.5	28.0	20.3	15.5	17.6	48	+11	1.2	-0.7	4.0	0	1	25	00	0	3	0	0	0	20	3	5	0
DARBHANGA	0830	49	1010.7	1005.1	-0.6	25.5	18.4	13.5	15.5	49	- 7	1.4	-0.1	3.1	0	0	17	01	3	1	1	0	0	6	5	14	0
	1730	49	1006.4	1000.9	-0.6	29.6	21.3	16.3	18.6	46	+ 9	0.6	-0.7	2.2	0	0	13	00	3	1	0	0	0	6	3	18	0
MUZAFFARPUR	0830		..	..	..	21.9	16.8	13.1	15.1	58	..	1.5	..	3.3	0	0	20	01	2	6	0	1	0	10	0	11	0
	1730		..	..	..	28.2	19.1	12.7	14.7	39	..	0.8	..	1.7	0	0	11	01	0	3	0	0	0	7	0	20	0
CHAPRA	0830	58	1010.5	1003.9	..	22.6	16.2	11.1	13.2	49	..	1.1	..	2.5	0	0	29	01	3	0	4	0	14	0	7	2	0
	1730	58	1007.1	1000.7	..	29.9	19.1	11.3	13.4	33	..	1.3	..	3.6	0	0	29	00	4	0	1	0	15	0	9	2	0
PURNEA	0830	38	1010.7	1006.4	-0.8	23.1	17.0	12.6	14.5	53	- 3	1.5	-0.5	2.9	0	0	27	04	0	11	0	0	5	6	1	4	0
	1730	38	1006.4	1002.1	-0.7	28.8	18.6	11.0	13.1	35	- 2	1.3	+0.1	3.0	0	0	27	01	0	3	0	0	1	21	1	4	0
PATNA	0830	53	1010.7	1004.6	-0.7	22.9	16.5	11.5	13.6	49	+ 4	1.7	+0.0	8.2	0	1	28	01	2	3	0	1	9	13	0	2	0
	1730	53	1006.6	1000.7	-0.5	29.8	18.6	10.1	12.3	30	+ 3	1.6	-0.4	7.4	0	2	28	00	6	0	0	1	2	20	1	1	0
PATNA AERODROME	0230	60	1007.5	1000.6	..	19.5	15.4	12.2	14.2	63	..	1.1	..	5.8	0	3	12	00	0	3	1	0	0	8	3	16	0
	0530	60	1008.0	1001.0	..	17.8	14.3	11.4	13.5	67	..	1.2	..	7.0	0	3	18	00	1	3	0	5	4	7	1	10	0
	0830	60	1010.4	1003.5	-0.7	23.0	16.9	12.3	14.3	52	+ 3	1.9	+0.6	11.8	0	3	27	00	0	5	0	0	7	15	3	1	0
	1130	60	1009.8	1003.1	..	29.5	19.0	11.3	13.4	33	..	1.5	..	14.1	0	6	25	02	3	4	0	0	5	11	6	0	0
	1430	60	1006.7	1000.1	..	31.7	19.3	10.1	12.3	28	..	1.5	..	17.8	0	12	19	01	1	2	1	0	2	14	8	0	2
	1730	60	1006.1	999.4	-0.6	30.0	18.9	10.7	12.9	31	+ 3	1.7	+0.2	11.1	0	4	27	01	2	1	1	0	2	16	8	0	0
	2030	60	1008.1	1001.2	..	24.1	17.3	12.3	14.3	49	..	1.1	..	6.8	0	2	17	01	1	4	1	0	0	10	2	12	0
	2330	60	1008.5	1001.6	..	21.4	16.2	12.2	14.2	57	..	1.2	..	6.6	0	3	13	00	2	3	1	0	2	5	3	15	0
BHAGALPUR	0530	49	1008.5	1002.9	..	19.4	15.3	12.1	14.1	64	..	2.2	..	4.2	0	1	27	00	2	5	2	8	7	3	1	3	0
	0830	49	1010.7	1005.1	-1.0	24.2	17.7	13.0	15.0	51	- 2	2.3	+0.6	4.4	0	0	30	00	2	3	4	4	10	5	1	1	1
	1130	49	1010.1	1004.6	..	30.1	19.7	12.5	14.5	35	..	1.8	..	8.1	0	2	28	00	2	3	2	0	4	13	6	1	0
	1730	49	1006.4	1000.9	-0.9	28.4	19.3	13.0	15.0	40	+ 1	1.7	+0.0	6.1	0	2	28	01	1	2	0	0	4	14	8	1	0
	2330	49	1008.9	1003.3	..	22.7	16.8	12.3	14.3	53	..	1.4	..	4.4	0	0	27	00	1	3	6	6	6	5	0	4	0
SABAUR	0830	37	1010.7	1006.5	-0.6	23.2	18.5	15.4	17.5	62	+ 7	1.8	+0.0	7.0	0	2	27	02	2	3	3	1	6	11	1	2	0
	1730	37	1006.4	1002.3	-0.4	29.5	22.0	17.7	20.2	50	+13	1.5	-0.1	7.1	0	0	30	01	2	1	0	0	0	4	22	1	0
JAMUI	0830	62	1011.3	1001.9	-0.3	25.2	18.8	14.5	16.5	51	+ 0	0.8	-1.1	6.7[o]	0	0	16	00	0	6	2	0	0	1	7	0	0
	1730	82	1008.4	999.2	+1.1	29.6	20.8	15.3	17.4	42	+ 6	0.2	-1.8	6.8[m]	0	0	18	00	2	0	0	0	0	2	14	0	0
DEHRI	0830	107	1010.7	998.4	-0.7	24.1	17.3	12.3	14.3	50	+ 5	2.2	+0.3	3.4	0	0	31	01	0	1	2	5	13	6	3	0	0
	1730	107	1006.0	994.1	-0.7	31.1	18.0	7.0	10.0	24	- 2	1.4	-0.4	5.2	0	0	31	02	1	1	1	0	1	23	2	0	0
GAYA	0230	116	1009.1	995.7	..	19.0	15.2	12.2	14.2	66	..	0.9	..	4.4	0	0	24	01	2	2	5	10	3	1	0	7	0
	0530	116	1009.4	995.8	..	17.3	14.4	12.1	14.1	72	..	1.2	..	5.3	0	0	28	00	2	4	9	10	3	0	0	3	0
	0830	116	1011.3	998.1	-0.4	23.9	17.8	13.5	15.5	54	+14	2.0	+0.4	8.7	0	3	26	00	2	1	3	14	6	3	0	2	0
	1130	116	1010.7	[illegible]	..	30.3	19.6	12.1	14.1	34	..	1.9	..	13.6	0	8	22	01	2	1	0	1	9	13	2	1	1
	1430	116	1007.6	[illegible]	..	32.3	20.2	11.8	13.8	29	..	1.6	..	16.6	0	12	19	02	1	0	1	1	8	15	2	0	1
	1730	116	[illegible]	[illegible]	-0.3	30.4	19.4	11.5	13.6	33	+13	1.9	+0.2	15.9	0	11	20	05	0	1	0	1	4	15	5	0	0
	2030	116	[illegible]	995.7	..	24.6	17.6	12.5	14.5	48	..	1.3	..	6.3	0	0	26	04	3	2	1	4	4	5	3	5	0
	2330	116	[illegible]	996.2	..	21.5	16.2	12.1	14.1	56	..	1.0	..	5.4	0	1	24	01	4	1	4	5	3	7	0	6	0
UTTAR PRADESH EAST																											
KHERI	0830	147	1009.9	992.8	-1.4	19.3	15.2	11.6	13.7	63	- 2	1.7	+0.2	5.0	0	0	27	02	0	4	1	0	0	19	1	4	0
	1730	147	1006.3	989.9	-1.1	29.1	18.4	9.8	12.1	32	- 7	2.1	+0.2	4.5	0	0	27	00	0	3	0	0	0	24	0	4	0
BAHRAICH	0830	124	1010.4	963.8	-2.8	20.3	15.4	11.2	13.3	56	+ 1	2.0	+0.3	4.6	0	1	23	00	0	3	5	0	2	10	4	7	0
	1730	124	1004.8	992.9	-1.0	29.2	18.0	9.2	11.6	29	- 3	2.1	+0.1	4.7	0	1	23	00	0	1	0	0	4	17	2	7	0
NAUTANWA	0830	99	1010.3	999.1	-1.1	20.0	15.5	11.6	13.7	60	- 5	1.2	+0.0	2.5	0	0	27	00	3	7	1	1	8	3	4	4	0
	1730	99	1008.4	994.1	-2.8	28.9	18.1	8.4	11.0	32	- 4	1.2	+0.0	2.4	0	0	29	01	0	0	4	2	10	6	6	2	0
HARDOI	0830	142	1010.6	994.3	-0.8	20.9	16.0	12.0	14.0	58	- 2	1.3	-0.4	2.8	0	0	27	01	0	4	0	1	2	17	2	4	0
	1730	142	1007.5	991.5	-0.1	28.4	19.5	13.1	15.1	41	+10	1.0	-0.9	2.2	0	0	24	00	0	2	0	3	0	19	0	7	0
GONDA	0830	110	1010.9	998.4	-0.5	23.4	17.1	12.2	14.2	51	- 1	1.6	+0.0	3.6	0	0	26	02	0	5	0	0	0	7	12	5	0
	1730	110	1006.7	994.4	-1.0	28.8	18.9	11.4	13.5	35	+ 4	1.7	+0.0	3.0	0	0	24	00	0	2	0	0	0	8	14	7	0
LUCKNOW	0830	111	1011.0	998.1	-0.6	18.3	14.8	11.7	13.7	67	+16	1.4	-0.2	0.3	0	0	4	00	0	0	0	0	0	4	0	27	0
	1730	110	1006.8	994.4	-0.9	29.6	18.0	8.9	11.4	28	+ 0	1.4	-0.2	0.5	0	0	5	00	0	0	0	0	0	5	0	26	0
LUCKNOW (AMOUSI)	0230	128	1008.4	993.5	..	16.8	13.0	9.3	11.7	63	..	1.4	..	7.9	0	0	27	01	2	3	2	1	1	9	8	4	0
	0530	128	1008.7	992.6	..	14.9	12.4	9.5	11.9	66	..	3.5	..	7.4	0	1	25	00	3	3	1	0	5	8	6	5	0
	0830	128	1010.6	995.9	-0.7	20.9	15.1	9.7	12.0	51	- 1	1.6	-0.1	11.4	0	6	21	01	1	3	2	1	1	10	8	4	0
	1130	128	1010.5	996.1	..	28.2	17.1	6.8	9.9	28	..	1.3	..	1.5	0	12	19	01	1	4	4	1	0	12	8	0	0
	1430	128	1007.7	993.7	..	30.5	17.7	6.3	9.5	23	..	1.5	..	18.3	0	10	20	03	0	1	3	1	1	8	12	1	1
	1730	128	1006.9	992.5	-0.7	29.1	17.3	7.3	10.2	25	- 4	1.5	-0.5	14.8	0	9	21	01	0	2	2	0	2	9	14	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS— MARCH ,1968 (PHALGUNA 11,1889 - CHAITRA 11,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
UTTAR PRADESH EAST (CONTD.)																											
LUCKNOW (AMAUSI)	2030	128	1008.6	998.3	..	21.8	15.3	9.1	11.6	46	..	1.3	..	9.3	0	3	24	01	1	3	0	1	4	10	7	4	0
	2330	128	1009.1	994.0	..	18.6	14.0	9.5	11.9	56	..	0.8	..	8.3	0	0	26	02	2	1	1	1	2	10	7	5	0
FAIZABAD	0830	102	1010.6	998.9	-1.0	21.3	16.3	12.3	14.3	58	+ 4	1.8	-0.1	0.3	0	0	21	00	1	2	1	1	0	14	2	10	0
	1730	102	1006.8	995.6	-0.8	28.4	18.7	11.3	13.4	37	+ 1	0.2	-2.0	0.3	0	0	16	00	0	2	0	0	1	13	0	15	0
GORAKHPUR	0830	77	1010.5	1001.6	-0.5	22.3	15.9	10.7	12.9	49	- 2	1.9	+0.4	2.8	0	0	26	01	2	3	0	1	1	18	0	5	0
	1730	77	1006.9	998.2	-0.1	29.8	18.2	8.6	11.2	26	- 4	1.6	+0.1	3.0	0	0	29	01	0	2	0	0	4	21	1	2	0
GORKHPUR P.B.O	0230	78	1007.8	998.8	..	21.1	18.6	12.0	14.0	58	..	1.2	..	4.3	0	0	21	01	3	0	1	1	5	7	3	10	0
	0530	78	1008.1	998.9	..	19.6	14.9	11.4	13.5	59	..	1.4	..	4.8	0	1	22	00	4	0	1	2	3	10	3	8	0
	1130	78	1010.2	1001.3	..	27.5	17.3	10.2	12.4	36	..	2.0	..	9.5	0	4	25	02	3	2	0	2	7	11	2	2	0
	1430	78	1007.1	998.3	..	29.9	17.6	9.1	11.5	29	..	1.8	..	10.0	0	3	27	00	0	3	0	1	7	13	6	1	0
	2030	78	1008.1	999.2	..	2[illegible]	16.9	11.3	13.4	45	..	1.1	..	4.0	0	0	21	01	0	2	3	1	5	8	1	10	0
	2330	78	1008.7	999.7	..	22.[illegible]	16.3	11.9	13.9	49	..	1.4	..	4.0	0	1	18	00	1	0	2	0	5	8	3	12	0
KANPUR	0830	126	1010.3	995.8	-1.5	21.7	15.8	10.8	12.9	52	+ 5	1.0	-0.3	0.8	0	0	26	01	0	5	2	3	1	13	1	5	0
	1730	126	1006.5	992.4	-1.5	30.1	18.1	9.0	11.5	28	- 1	1.3	-0.3	0.7	0	3	28	03	0	1	0	1	1	23	2	0	0
KANPUR (AERODROME)	0530	126	1009.2	994.5	..	16.1	12.8	9.7	12.0	67	..	1.5	..	7.8	0	0	24	02	1	4	0	0	4	11	2	7	0
	0830	126	1010.9	996.4	..	21.2	15.3	10.1	12.3	51	..	1.2	..	9.8	0	1	25	01	2	1	2	0	7	12	1	5	0
	1130	126	1010.8	996.6	..	29.1	17.7	7.9	9.9	28	..	1.3	..	14.7	0	5	24	01	1	3	2	2	6	11	3	2	0
	1730	126	1007.3	993.1	..	29.8	17.4	5.7	9.5	24	..	1.5	..	14.9	0	9	21	04	0	0	1	0	2	20	3	1	0
	2330	126	1009.2	994.8	..	21.2	12.4	9.4	11.8	50	..	0.9	..	7.1	0	1	18	01	3	1	0	2	1	6	5	12	0
SULTANPUR	0830	97	1011.4	1000.3	-1.2	23.0	16.5	11.3	13.4	50	+ 2	1.0	-0.5	3.0	0	0	18	00	0	4	0	0	2	11	1	13	0
	1730	97	1007.0	996.0	-1.8	30.6	18.1	6.7	9.8	25	- 2	1.2	-0.7	3.8	0	0	20	01	1	0	0	0	1	16	1	11	0
AZAMGARH	0830	78	1011.0	1001.8	-0.1	22.3	19.6	18.3	21.0	77	+20	1.9	+0.6	1.0	0	0	30	01	2	4	1	2	4	14	2	1	0
	1730	78	1006.6	997.9	-0.4	30.4	25.1	23.4	28.7	67	+28	1.4	+0.5	0.6	0	0	28	02	0	1	0	0	1	24	0	3	0
FATEHPUR	0830	114	1012.4	998.0	-0.7	21.8	16.5	12.3	14.3	56	+ 9	0.8	-0.6	0.6	0	0	28	01	2	1	3	0	8	8	5	3	0
	1730	114	..	..	..	29.8	19.4	12.0	14.6	54	[illegible]	1.0	-0.7	0.9	0	2	26	02	1	0	0	1	2	5	17	3	0
BALLIA	0830	64	1011.7	1004.4	-0.3	23.4	18.4	14.7	16.7	60	[illegible]	1.8	-0.1	2.5	0	0	26	00	0	4	1	0	1	16	4	5	0
	1730	64	1007.2	1000.1	-1.6	30.3	21.5	15.3	17.3	44	[illegible]	1.3	-0.2	[illegible]	0	0	12	00	0	1	1	0	0	7	3	19	0
BANDA	0830	121	1011.8	997.9	-0.3	23.1	15.5	9.1	11.5	42	- [illegible]	0.7	-0.5	1.7	0	0	25	00	1	0	0	0	15	0	9	6	0
	1730	121	1007.7	994.2	+0.0	30.6	20.4	13.6	15.6	36	+ [illegible]	0.9	-0.6	2.[illegible]	0	0	28	00	1	0	0	0	20	0	7	3	0
ALLAHABAD (BAMHRAULI)	0230	98	1008.7	997.4	..	18.4	14.6	11.3	13.4	64	..	[illegible]	..	1.[illegible]	0	0	15	00	0	1	2	1	3	4	4	16	0
	0530	98	1009.0	997.6	..	17.0	13.8	11.0	13.1	69	..	1.2	..	3.[illegible]	0	0	22	00	1	1	3	2	5	8	2	9	0
	0530	9803	3301.7	001.4	..	50.1	0.6	71.0	0.5	9	..	9.6	..	70.4	0	23	17	19	11	80	96	0	0	0	0	0	0
	0830	98	1011.2	999.9	-2.1	22.3	16.2	11.2	13.3	51	-19	1.6	-1.2	[illegible]	0	0	24	00	0	2	3	2	5	11	1	7	0
	1430	98	1007.9	997.1	..	32.4	19.2	8.7	11.2	24	..	1.5	..	11.4	0	5	26	01	1	0	2	0	3	14	10	0	0
	1730	98	1007.1	996.2	-6.8	30.9	18.8	9.2	11.6	28	+25	1.5	+1.5	9.8	0	3	28	02	1	0	0	0	1	14	13	0	0
	2030	98	1008.8	997.6	..	23.6	16.8	11.2	13.3	47	..	1.0	..	2.8	0	0	19	04	0	1	0	1	1	5	7	12	0
	2330	98	1009.3	998.0	..	20.6	15.5	11.1	13.2	56	..	0.8	..	2.5	0	0	18	00	2	1	0	1	4	4	6	13	0
VARANASI (BABATPUR)	0530	85	1009.1	998.9	..	17.0	13.7	10.6	12.8	68	..	1.5	..	5.5	0	0	20	01	0	4	0	1	7	6	1	11	0
	0830	85	1011.4	1001.4	-0.9	22.6	16.0	11.0	13.1	50	+ 6	1.7	-0.2	9.2	0	0	30	00	1	2	0	3	7	11	1	1	5
	1130	85	1010.9	1001.2	..	29.6	18.2	8.6	11.2	28	..	1.3	..	14.0	0	5	26	00	3	1	1	2	1	16	4	0	3
	1730	85	1007.1	997.4	-0.9	30.6	18.2	8.1	10.8	25	- 1	1.4	-0.6	11.5	0	3	26	03	0	0	0	0	1	19	5	2	1
	2330	85	1009.3	999.3	..	20.9	15.4	10.5	12.7	53	..	1.1	..	4.6	0	1	14	01	0	1	0	0	3	10	0	16	0
VARANASI	0830	76	1011.1	1002.4	-0.4	23.1	17.3	12.7	14.7	54	+ 7	1.5	-0.1	2.3	0	0	24	00	4	1	0	0	4	14	1	7	0
	1730	76	1006.8	998.3	-0.7	31.3	19.9	11.7	13.4	31	+ 7	1.5	-0.1	3.7	0	0	25	00	1	0	0	0	1	23	0	6	0
UTTAR PRADESH WEST																											
MUKHIM	0830		..	..	..	11.0	7.3	3.4	7.8	60	+ 9	2.0	..	1.0	0	0	10	00	1	0	4	0	0	0	5	21	0
	1730		..	..	..	14.3	9.7	5.5	9.0	56	+ 9	2.0	..	4.0	0	0	21	02	2	1	2	1	1	1	11	10	0
TEHRI	0830	770	1024.2	935.9	..	14.0	12.1	10.5	12.7	80	+ 7	2.1	-0.4	0.5	0	0	4	00	3	0	1	0	0	0	0	27	0
	1130	770	1020.9	934.9	..	21.1	14.7	9.6	12.0	49	..	0.3	..	2.8	0	0	18	03	4	4	1	2	1	1	2	13	0
	1730	770	1016.3	987.0	..	24.6	15.3	8.3	10.9	39	+ 5	3.5	+0.4	5.0	0	0	26	00	3	0	11	1	9	1	1	5	0
DEHRA DUN	0530	682	1010.1	932.2	..	13.7	11.6	9.8	12.1	78	..	1.7	..	0.5	0	0	4	00	4	0	0	0	0	0	0	27	0
	0830	682	1010.9	933.7	-1.2	16.4	13.3	10.9	13.0	71	+13	1.9	-1.1	0.4	0	0	4	01	0	1	0	0	2	0	0	27	0
	1130	682	1010.0	934.5	..	22.5	16.4	11.9	13.9	53	..	2.2	..	1.2	0	0	7	01	1	0	0	0	2	3	0	24	0
	1730	682	1006.5	931.7	-1.2	24.5	17.4	12.7	14.7	48	+10	2.1	-1.0	2.1	0	0	22	01	0	0	0	0	8	12	1	9	0
	2330	682	1010.9	933.7	..	16.3	13.6	11.4	13.5	73	..	1.6	..	0.9	0	0	5	02	1	0	0	0	1	0	0	26	1
MANSIARI	0830		..	..	..	10.7	4.7	- 3.3	4.6	38	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	10.0	5.9	1.0	6.6	53	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
ROORKEE	0830	274	1011.6	980.0	+0.0	17.8	14.1	10.9	13.0	65	+ 3	1.4	-1.2	0.9	0	0	16	00	0	0	5	0	1	0	10	15	0
	1730	274	1008.4	977.4	-0.1	26.6	16.9	8.8	11.3	33	+ 1	1.1	-1.8	1.4	0	0	19	00	0	0	2	0	0	1	16	12	0
NAJIBABAD	0830	270	1011.5	980.1	-0.6	17.0	14.3	12.0	14.0	74	+ 9	1.7	+0.0	2.4	0	0	21	07	1	4	4	1	0	5	4	10	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — MARCH, 1968 (PHALGUNA 11,1889 - CHAITRA 11,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry bulb	Mean temperature in °C Wet bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	Wind Speed 20 to 61	Wind Speed 1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
UTTAR PRADESH WEST(CONTD.)																											
NAJIBABAD	1730	270	1008.2	977.9	+0.1	26.9	17.6	10.5	12.6	36	+ 3	0.6	-1.2	2.7	0	0	27	02	0	2	1	1	1	11	9	4	0
MEERUT	0830	222	1001.5	985.6	-0.9	19.6	15.1	11.6	13.7	60	+ 4	0.3	-0.8	3.3	0	0	22	00	1	8	2	0	0	6	5	9	0
BAREILLY	0830	173	1010.5	990.5	-1.1	20.0	15.6	11.9	13.9	61	+ 6	1.6	-0.5	8.1	0	3	26	00	2	4	1	0	1	18	3	2	0
	1730	173	1006.8	987.3	-1.1	27.5	17.7	9.6	11.9	35	+ 6	1.6	-0.9	4.0	0	0	29	03	0	1	0	1	6	18	0	2	0
BAREILLY P.B.O.	0230	172	1008.3	988.4	..	16.9	14.3	10.8	12.9	60	..	1.2	..	4.6	0	0	23	02	1	3	0	0	3	9	5	8	0
	0530	172	1008.5	988.4	..	17.3	13.6	10.8	12.9	68	..	1.6	..	5.5	0	0	26	00	3	3	0	0	2	11	7	5	0
	1130	172	1010.4	990.9	..	25.7	17.3	12.4	14.4	45	..	1.9	..	9.8	0	3	25	00	4	1	3	1	1	6	12	3	0
	1430	172	1007.1	988.5	..	28.7	18.2	11.7	13.7	36	..	2.1	..	10.8	0	6	23	01	2	0	3	0	1	12	10	2	0
	2030	172	1008.6	989.0	..	23.5	16.0	11.0	13.1	46	..	0.7	..	5.5	0	0	23	00	4	1	0	0	1	12	5	8	0
	2330	172	1009.0	989.3	..	21.0	15.1	11.0	13.1	54	..	0.7	..	5.4	0	0	22	01	2	3	0	0	0	9	7	9	0
ALIGARH	0830	187	1011.6	989.9	-0.4	18.3	14.6	11.5	13.6	65	+13	1.5	-0.3	4.3	0	0	29	02	1	2	1	2	2	13	6	2	0
	1730	187	1008.1	987.1	-0.2	28.1	19.7	13.7	15.7	44	+19	1.4	-0.9	4.8	0	0	29	01	0	3	0	2	2	16	5	2	0
MAINPURI	0830	157	1011.3	994.2	+0.5	20.6	15.8	11.9	13.9	58	+ 6	1.0	-0.9	2.9	0	0	23	00	1	2	3	0	2	14	1	8	0
	1730	157	1007.4	989.9	-0.7	26.0	18.5	11.7	13.7	35	+ 6	0.8	-1.4	2.9	0	0	22	00	1	3	3	0	2	12	1	9	0
AGRA	0830	169	1011.5	991.9	-1.0	20.4	16.2	12.8	14.8	62	+15	1.4	-0.2	3.5	0	0	20	00	2	0	3	1	6	0	8	11	0
	1730	169	1007.7	988.8	-0.7	29.2	20.3	14.6	16.6	41	+17	0.1	-1.8	4.3	0	0	23	00	3	0	0	0	7	0	13	8	0
AGRA AERODROME	0230	169	1009.7	990.0	..	17.3	14.5	12.2	14.2	73	..	1.0	..	3.2	0	1	7	02	0	3	0	0	0	1	2	23	0
	0530	169	1009.7	990.0	..	15.7	13.6	11.7	13.7	78	..	1.4	..	4.8	0	0	15	04	0	2	3	0	0	4	2	16	0
	0830	169	1011.5	992.0	..	19.9	15.6	12.1	14.1	63	..	1.2	..	6.9	0	0	20	02	0	2	[illegible]	2	0	5	8	10	0
	1130	169	1011.4	992.4	..	27.6	17.6	9.2	11.6	34	..	1.2	..	12.9	0	4	26	06	0	1	4	2	3	5	9	1	0
	1730	169	988.9	1007.7	..	29.3	18.2	8.9	11.4	30	..	1.3	..	10.7	0	0	28	11	0	0	0	1	1	2	13	3	0
	2330	169	1010.0	990.5	..	14.8	15.7	12.3	14.3	63	..	0.9	..	3.4	0	1	7	01	2	2	1	1	0	0	1	23	0
ORAI	0830	141	1012.1	996.1	-0.4	25.7	18.3	12.7	14.7	47	- 2	0.9	-0.5	2.9	0	0	31	13	9	0	2	0	3	0	4	0	0
	1730	141	1007.8	992.0	-0.6	30.2	19.9	12.3	14.3	35	+ 3	0.7	-0.8	3.4	0	0	29	01	5	0	4	0	2	1	16	2	0
JHANSI	0830	251	1011.7	983.0	-0.7	21.9	14.8	8.3	10.9	43	+ 6	0.5	-0.8	2.0	0	0	16	01	0	0	0	1	0	12	2	15	0
	1730	251	1007.3	979.5	-0.4	31.0	17.9	6.4	9.6	22	+ 4	1.0	-0.7	3.1	0	0	12	02	0	1	0	4	0	5	0	19	0
MORADABAD	0830		..	..	..	18.9	17.4	16.3	18.5	85	..	0.7	..	4.4	0	0	30	01	5	0	4	0	0	3	17	1	0
	1730		..	..	..	25.0	22.7	21.4	25.5	82	..	0.0	..	5.5	0	0	29	00	5	2	1	0	0	0	21	2	0
HARYANA(INCLUDING DELHI AND CHANDIGARH)																											
CHANDIGARH	0830	347	1010.6	970.7	-1.0	20.4	15.2	10.7	12.9	56	+ 4	1.7	+0.2	2.0	0	0	21	00	2	0	0	0	0	0	19	10	0
	1730	347	1007.2	967.9	-1.5	25.6	16.5	8.7	11.2	35	- 2	1.6	+0.2	3.0	0	0	22	00	0	0	2	0	6	0	14	9	0
AMBALA	0830	272	1010.9	975.9	-4.1	18.0	14.6	11.8	13.8	68	+ 7	0.8	-1.3	6.4	0	0	29	00	5	0	8	0	3	0	13	2	0
	1730	272	1008.3	911.7	-6.1	26.3	17.8	11.2	13.3	38	+ 5	0.3	-1.8	2.2	0	0	25	00	1	0	6	1	3	0	14	6	0
AMBALA P.B.O.	0230	278	1009.1	997.3	..	18.4	14.8	12.4	14.3	68	..	1.5	..	7.0	0	2	20	00	0	0	3	0	0	3	15	9	1
	0530	278	1009.3	976.7	..	16.9	13.9	11.7	13.7	72	..	1.5	..	6.0	0	1	20	00	0	1	3	0	1	0	16	10	0
	1130	278	1010.4	979.0	..	24.7	17.5	13.1	15.1	49	..	1.8	..	9.5	0	3	20	00	0	0	4	3	0	1	15	8	0
	1430	278	1008.6	977.3	..	26.5	17.5	11.9	13.9	41	..	1.5	..	10.2	0	0	28	00	1	0	3	2	2	7	13	3	0
	2030	278	1009.6	977.5	..	22.1	16.7	13.3	15.3	59	..	1.1	..	6.1	0	1	19	00	0	0	1	0	0	4	13	11	2
	2330	278	1009.7	977.7	..	20.0	15.8	13.1	15.1	65	..	1.6	..	8.0	0	1	25	00	2	1	3	1	0	3	16	5	0
AMBALA AERODROME	0530	274	1009.2	977.1	..	13.9	12.6	11.4	13.5	85	..	1.5	..	8.6	0	1	21	02	0	0	2	1	0	7	10	9	0
	0830	274	1010.6	978.8	..	16.8	14.3	12.0	14.0	74	..	2.3	..	13.5	0	8	18	01	2	5	1	2	0	5	10	5	0
	1130	274	1010.4	979.5	..	24.8	17.9	12.9	14.9	50	..	2.3	..	19.7	0	12	16	00	0	5	4	3	0	6	10	3	0
	1730	274	1007.6	976.8	..	25.6	17.8	11.8	13.8	43	..	2.3	..	19.6	0	11	20	00	0	3	1	0	4	15	8	0	0
	2330	274	1010.0	978.3	..	17.2	14.8	12.8	14.7	76	..	1.6	..	10.5	0	1	23	02	3	1	2	1	0	7	8	7	0
KARNAL	0830	249	1043.5	982.1	-0.7	20.2	15.9	12.3	14.3	62	- 2	1.0	-1.3	0.6	0	0	27	00	0	7	2	0	0	11	7	4	0
	1730	249	1008.1	980.1	-0.4	26.6	17.6	10.4	12.6	38	+ 5	0.9	-1.8	0.6	0	0	28	00	0	3	1	1	1	8	14	3	0
HISSAR	0530	221	1009.9	984.1	..	14.8	13.2	11.8	13.8	83	..	1.4	..	0.6	0	0	25	02	0	3	5	2	7	4	2	6	0
	0830	221	1011.5	985.7	-1.5	16.7	14.2	12.1	14.1	75	+16	1.7	+0.1	0.4	0	0	25	03	0	2	4	2	5	8	1	6	0
	1130	221	1011.4	986.3	..	25.2	18.4	13.6	15.6	49	..	1.6	..	0.8	0	2	27	02	1	3	4	3	3	5	7	2	1
	1430	221	1008.9	984.1	..	28.2	19.3	12.9	14.9	41	..	2.1	..	0.8	0	2	25	03	0	2	6	0	2	7	7	4	0
	1730	221	1008.1	983.3	-1.1	28.0	19.6	13.7	15.7	43	+11	1.8	-0.1	0.5	0	0	25	07	0	2	3	1	0	6	6	6	0
	2330	221	1010.4	984.8	..	18.5	15.6	13.3	15.3	72	..	1.1	..	0.5	0	1	22	04	2	6	3	2	2	1	3	8	0
NEW DELHI/SAFDARJUNG	0230	216	1009.4	984.3	..	17.9	14.4	11.3	13.4	66	..	1.2	..	6.7	0	2	21	01	2	1	0	0	3	5	11	8	0
	0530	216	1009.4	984.1	..	16.1	13.3	10.8	12.9	72	..	1.5	..	8.1	0	3	20	01	0	2	1	1	1	9	8	8	0
	0830	216	1011.2	986.1	-0.8	18.9	14.5	10.7	12.9	60	+13	1.8	-0.4	9.4	0	2	25	01	0	2	1	0	5	11	7	4	0
	1130	216	1011.1	986.6	..	25.8	17.8	10.9	13.0	40	..	1.5	..	16.1	0	12	19	02	1	2	3	3	1	6	13	0	0
	1430	216	1008.4	984.3	..	28.7	18.2	9.9	12.2	32	..	1.8	..	10.4	0	10	20	01	0	2	2	1	4	3	17	1	0
	1730	216	1007.6	983.4	-0.5	28.0	17.8	9.5	11.9	33	+12	1.8	-0.9	13.8	0	8	22	02	1	4	1	3	0	1	18	1	0
	2030	216	1009.1	984.4	..	22.6	16.6	11.7	13.7	51	..	1.2	..	5.9	0	0	24	03	3	3	1	0	0	3	11	7	0
	2330	216	1010.2	985.0	..	19.9	15.3	11.5	13.6	60	..	1.0	..	6.6	0	1	21	03	1	4	0	1	0	2	10	9	1

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1968 (PHALGUNA 11, 1889 - CHAITRA 11, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Kts. per hour	No. of observations													
			All mean sea level or lat. in gen. of mean standard inches level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind speed (Kts. p. h.)			Wind direction										
															62 or more	28 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HARYANA (INCLUDING DELHI AND CHANDIGARH) (CONTD.)																												
PALAM AERODROME	0230	233	1009.8	982.7	..	16.2	13.7	11.3	13.4	74	..	1.3	..	9.2	0	2	23	01	1	3	3	2	5	5	5	6	0
	0530	233	1009.8	982.7	..	14.5	12.4	10.7	12.9	80	..	1.3	..	10.4	0	3	25	01	1	1	4	1	8	8	4	3	0
	0830	233	1011.1	984.4	..	18.1	14.6	11.8	13.8	68	..	1.8	..	10.6	0	4	21	01	1	2	3	1	3	10	4	6	0
	1130	233	1011.2	984.9	..	25.8	17.4	10.2	12.4	41	..	1.7	..	17.8	0	8	23	05	1	2	1	5	2	6	9	0	0
	1430	233	1008.9	982.9	..	28.6	18.7	11.1	13.2	35	..	1.8	..	19.4	0	16	15	07	0	2	1	2	2	5	12	0	0
	1730	233	1008.0	981.9	..	28.0	18.1	9.8	12.1	38	..	1.9	..	15.7	0	9	22	11	2	2	1	3	0	1	11	0	0
	2030	233	1009.4	982.8	..	22.1	16.4	11.7	13.7	54	..	1.5	..	10.5	0	3	24	07	0	5	5	1	2	1	6	4	0
	2330	233	1010.1	983.3	..	19.4	15.1	11.4	13.5	61	..	1.2	..	9.3	0	1	26	05	4	5	5	1	1	2	4	4	0
GURGAON	0830		..	..	..	19.1	14.9	11.7	13.7	61	..	1.4	..	5.0	0	0	22	00	2	2	3	1	2	11	1	8	0
	1730		..	..	..	28.3	17.8	9.3	11.7	31	..	1.0	..	3.0	0	0	20	00	0	1	1	1	1	13	3	8	0
NARNAUL	0830		(R)																								
	1730		(R)																								
ROHTAK	0830		..	..	..	17.7	15.9	14.3	16.3	75	..	1.7	..	10.2	0	0	30	02	1	5	0	4	0	12	6	1	0
	1730		..	..	..	27.3	19.2	12.0	14.2	43	..	0.6	..	7.3	0	0	30	01	2	5	0	4	0	12	6	1	0
PUNJAB																												
PATHANKOT	0530	312	1009.5	973.3	..	13.9	12.2	10.5	12.7	81	..	2.9	..	10.3	0	4	19	01	10	9	0	1	2	0	0	8	0
	0830	312	1011.3	975.1	-0.7	16.9	13.8	11.6	13.7	73	+17	3.0	-0.7	5.7	0	2	13	00	9	3	0	0	0	2	0	16	1
	1130	312	1011.2	975.8	..	23.1	16.5	11.3	13.4	49	..	1.7	..	12.5	0	6	24	01	6	2	0	6	4	7	3	1	1
	1730	312	1008.2	973.2	-1.3	25.1	17.4	11.8	13.8	44	+ 4	3.7	-1.0	13.8	0	4	26	01	3	1	0	2	6	15	2	1	0
	2330	312	1011.2	974.9	..	15.8	14.0	12.5	14.5	80	..	1.5	..	0.9	0	4	14	02	11	2	0	0	0	3	0	13	0
AMRITSAR	0530	234	1010.2	982.5	..	12.7	11.8	11.0	13.1	89	..	2.2	..	9.3	0	2	23	03	4	2	1	1	1	5	8	6	0
	0830	234	1011.5	984.1	-0.8	15.9	13.9	12.2	14.2	79	+ 7	2.9	-0.2	9.4	0	2	24	04	0	4	5	1	2	3	7	5	0
	1130	234	1011.7	985.0	..	23.1	17.0	12.1	14.1	52	..	3.0	..	11.3	0	5	20	06	1	2	1	2	0	3	10	6	0
	1430	234	1009.5	983.1	..	26.1	17.6	10.7	12.9	40	..	3.2	..	14.1	0	8	20	04	2	2	2	1	0	7	10	3	0
	1730	234	1008.6	982.2	-0.6	25.4	17.7	11.6	13.6	44	+ 4	3.0	-0.4	12.3	0	2	28	05	2	3	0	1	1	6	12	1	0
	2030	234	1010.3	983.2	..	18.8	16.1	14.0	15.9	74	..	2.7	..	7.7	0	0	25	09	1	2	0	1	1	4	7	6	0
ADAMPUR AERODROME	0830	249	1011.4	982.3	..	15.4	12.9	10.6	12.7	73	..	2.8	..	8.1	0	4	12	01	1	5	0	0	0	3	6	15	0
	1730	249	1008.8	980.7	..	24.1	16.1	9.1	11.5	41	..	3.3	..	14.6	0	4	26	02	2	3	0	2	0	7	14	1	0
LUDHIANA	0830	247	1011.1	982.9	-0.6	17.8	14.5	11.6	13.6	69	+ 2	1.8	-0.6	2.7	0	0	21	00	4	0	2	0	0	0	15	10	0
	1730	247	1008.1	980.5	-1.0	26.5	17.6	10.8	12.9	38	+ 0	2.1	-0.5	5.4	0	0	28	00	5	0	2	1	2	0	18	3	0
FEROZEPUR	0830	200	1012.2	989.0	+0.7	16.4	14.3	12.6	14.6	79	+ 8	1.0	-1.1	0.2	0	0	21	05	1	0	0	1	0	1	13	10	0
	1730	200	1010.2	987.5	+1.4	25.6	21.5	17.9	20.5	67	+22	1.0	-1.6	0.2	0	0	27	08	5	0	0	0	0	0	14	4	0
HALWARA AERODROME	0530	242	1010.3	981.7	..	11.8	11.0	10.2	12.4	90	..	1.5	..	7.9	0	2	20	05	4	0	1	1	0	1	9	9	1
	0830	242	1011.3	983.2	..	16.3	19.2	12.2	14.2	78	..	2.2	..	10.4	0	1	26	07	1	0	5	4	0	2	8	4	0
	1130	242	1011.3	983.9	..	24.2	16.7	10.4	12.6	44	..	2.0	..	18.6	0	6	25	08	1	1	5	3	0	3	10	0	0
	1730	242	1008.4	981.3	..	25.8	17.3	10.6	12.7	42	..	2.3	..	14.8	0	6	24	03	1	0	4	1	2	6	13	1	0
	2330	242	1010.8	982.5	..	15.3	13.4	11.8	13.8	80	..	1.7	..	8.1	0	1	23	06	3	1	3	1	1	3	6	7	0
PATIALA	0830	251	1011.2	982.0	-0.7	16.3	13.9	12.1	14.1	76	+17	1.5	-1.4	8.2	0	2	17	03	1	0	6	2	0	0	7	12	0
	1730	251	1008.2	980.3	+0.1	26.3	11.1	9.7	12.0	35	+ 1	1.5	-1.9	9.7	0	5	15	03	0	0	2	0	0	0	15	11	0
BHATINDA	0830	211	1011.1	986.7	..	20.2	15.9	12.3	14.3	61	- 3	0.4	-1.4	2.6	0	0	16	00	2	0	3	0	0	0	11	15	0
	1730	211	1008.3	984.5	..	26.0	17.5	10.5	12.7	40	+ 1	0.4	-1.4	2.0	0	0	18	00	3	0	3	0	0	0	12	13	0
HIMACHAL PRADESH																												
MANDI	0830		(R)																								
	1730		(R)																								
BILASPUR	0830	587	1014.7	946.8	-0.5	13.0	12.2	11.7	13.7	90	+14	2.6	-0.9	1.0	0	0	14	00	4	1	3	1	3	1	1	17	0
	1730	587	1008.1	943.1	-1.3	24.1	18.1	14.3	16.3	55	+17	3.0	-1.5	7.0	0	2	29	01	3	0	2	0	17	2	6	0	0
JAMMU AND KASHMIR																												
MISGAR	0830		(R)																								
	1730		(R)																								
GILGIT	0830		(R)																								
	1730		(R)																								
SKARDU	0830		(R)																								
	1730		(R)																								
LEH	0530	3514	3109.9	665.0	..	- 7.7	-10.0	-16.9	1.4	43	..	3.4	..	2.8	0	0	26	02	23	0	0	0	1	0	0	5	0
	0830	3514	3130.9	667.6	+2.1	- 0.9	- 3.7	- 8.6	2.9	56	+ 1	3.8	-0.7	4.2	0	0	23	02	6	0	0	8	4	3	0	8	0
	1730	3514	3084.6	664.7	+1.7	5.9	2.0	- 3.3	4.6	52	+ 9	4.7	-0.4	8.1	0	0	31	03	2	2	0	3	12	7	2	0	0
SRINAGAR	0230	1587	1501.8	841.7	..	6.0	5.2	4.2	8.2	60	..	3.2	..	1.6	0	0	15	01	0	0	9	0	0	0	5	16	0
	0530	1587	1501.9	843.0	..	5.0	4.1	3.2	7.7	88	..	4.8	..	3.2	0	0	24	00	1	0	16	0	0	2	5	7	0
	0830	1587	1512.1	842.5	-0.9	5.4	4.5	3.3	7.7	86	+ 2	4.6	-0.7	3.4	0	0	26	00	2	1	16	0	0	0	7	5	0
	1130	1587	1511.9	842.4	..	10.4	7.9	4.7	8.1	68	..	4.8	..	3.0	0	0	25	02	1	0	15	0	0	1	6	6	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1968 (PHALGUNA 11, 1889 - CHAITRA 11, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gms. of normal standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
JAMMU AND KASHMIR (CONTD.)																											
SRINAGAR	1430	1587	1495.9	841.0	..	13.1	8.6	4.2	8.2	56	..	4.1	..	4.1	0	0	30	00	0	0	15	1	0	2	12	1	0
	1730	1587	1469.8	840.1	-1.1	12.8	8.3	3.7	8.0	57	- 3	4.4	-1.1	3.0	0	0	24	00	1	0	11	0	2	0	10	7	0
	2030	1587	1497.1	841.0	..	9.5	7.2	4.9	8.7	74	..	3.5	..	3.9	0	0	25	00	0	0	13	0	0	0	12	6	0
	2330	1587	1504.3	841.8	..	7.8	6.2	4.5	8.4	80	..	3.3	..	2.8	0	0	22	00	0	0	16	0	0	0	6	9	0
SRINAGAR AERODROME	0530	1666	1455.1	838.5	..	4.0	3.0	2.3	7.2	83	..	4.2	..	4.4	0	0	11	03	0	2	0	4	1	0	1	20	0
	0830	1666	1515.5	837.7	..	5.3	4.7	2.8	7.5	80	..	5.0	..	4.6	0	0	14	00	1	0	1	3	0	1	8	17	0
	1130	1666	1516.7	834.9	..	9.4	6.8	3.7	8.2	71	..	4.6	..	7.4	0	1	21	04	4	6	2	0	1	1	4	9	0
	1730	1666	1492.6	832.6	..	11.7	8.5	5.3	8.9	69	..	5.0	..	6.3	0	2	14	03	1	1	3	1	1	2	4	15	0
	2330	1666	1542.5	834.1	..	6.5	5.0	3.4	7.8	81	..	3.7	..	7.3	0	1	20	04	3	1	1	5	2	1	4	10	0
GULMARG	0830																										
	1730																										
QAZIGUND	0830		(R)																								
	1730		(R)																								
BANIHAL	0830		(R)																								
	1730		(R)																								
JAMMU	0830	366	1008.9	966.7	..	16.5	12.5	8.6	11.2	61	+ 6	2.9	-0.4	3.0	0	0	30	01	26	0	0	0	0	0	3	1	0
	1730	366	1007.1	965.8	..	23.8	17.1	10.6	12.7	42	..	1.5	..	1.4	0	0	10	00	10	0	0	0	0	0	0	21	0
JAMMU AERODROME	0530	292	1010.3	975.8	..	14.7	12.1	9.8	12.1	73	..	2.5	..	8.0	0	0	24	04	19	1	0	0	0	0	0	7	0
	0830	292	1011.2	977.2	..	16.4	13.1	9.9	12.2	66	..	3.6	..	7.0	0	0	23	03	13	1	1	2	1	2	0	8	0
	1130	292	1011.6	978.1	..	22.9	16.0	10.4	12.6	46	..	3.6	..	6.7	0	1	17	02	2	2	1	7	2	1	1	13	0
	1730	292	1008.7	975.6	..	24.4	16.6	9.9	12.2	41	..	3.9	..	8.0	0	2	22	00	1	1	0	7	6	8	1	7	0
	2330	292	1011.5	977.4	..	17.4	13.9	10.0	12.3	68	..	2.6	..	5.0	0	0	16	02	13	1	0	0	0	0	0	15	0
GULMARG (RESEARCH INSTITUTE)	0830		..	..	..	0.4	- 1.6	- 5.3	3.9	70	..	5.2	..	4.1	0	0	31	00	2	12	3	4	0	10	0	0	0
	1130		..	..	..	3.5	1.3	- 4.9	4.1	55	..	5.2	..	4.7	0	0	31	00	1	18	0	1	1	10	0	0	0
	1730		..	..	..	3.9	- 0.5	- 8.7	2.9	51	..	5.5	..	4.1	0	0	30	00	1	15	2	1	2	9	0	0	0
RAJASTHAN, WEST																											
GANGANAGAR	0530		(R)																								
	0830	177	1011.3	990.5	-0.9	16.2	13.1	10.2	12.4	68	+ 5	1.5	-0.2	1.3	0	0	10	01	1	5	1	0	0	1	1	21	0
	1130		(R)																								
	1730	177	1007.7	987.9	-1.0	28.6	17.9	9.0	11.5	31	+ 0	2.0	+0.2	1.5	0	0	15	03	2	2	2	0	0	3	3	16	0
	2330		(R)																								
ANUPGARH	0830		(R)																								
	1730		(R)																								
MAHAJAN	0830	187	1009.5	987.0	..	19.8	14.7	10.1	12.3	54	..	0.0	..	6.0	0	0	31	07	7	3	4	2	4	3	1	0	0
	1730	187	1005.4	984.5	..	10.2	19.1	10.5	12.7	31	..	0.0	..	5.3	0	1	30	06	6	2	4	2	4	5	2	0	0
CHURU	0830	291	1011.6	977.9	-1.2	19.1	14.6	11.5	13.6	69	+12	1.4	-0.8	3.0	0	0	23	02	2	3	1	7	2	5	1	8	0
	1730	291	1007.2	967.9	-8.2	30.1	21.3	15.2	17.3	43	+14	1.3	-1.5	9.2	0	3	26	10	2	0	1	1	2	8	5	2	0
BIKANER	0830	224	1011.5	985.6	-0.5	19.2	13.0	5.6	9.1	45	+ 1	1.5	+0.2	5.1	0	1	23	01	4	1	5	6	6	1	0	7	0
	1730	224	1007.3	982.4	-0.8	30.7	17.8	5.6	9.1	23	+ 0	1.4	-0.1	4.7	0	0	25	07	2	1	0	1	5	4	5	6	0
BIKANER P.B.O	0530	224	1009.6	983.4	..	16.4	11.9	10.9	13.0	57	..	0.9	..	1.9	0	0	12	00	0	1	1	2	3	3	2	19	0
	1130	224	1010.9	985.8	..	28.0	16.6	4.4	8.4	26	..	0.9	..	5.4	0	0	28	02	6	0	6	5	3	3	2	3	1
	1430	224	1008.3	983.4	..	31.4	17.2	1.9	7.0	15	..	1.0	..	5.7	0	1	29	06	2	0	1	3	6	6	6	1	0
	2030	224	1008.6	983.3	..	25.0	15.7	6.3	9.5	33	..	1.0	..	2.4	0	0	12	05	1	0	0	1	0	1	4	19	0
	2330	224	1009.6	984.0	..	21.3	13.8	6.5	9.7	39	..	0.9	..	2.7	0	0	14	03	2	1	1	1	3	0	3	17	0
NAGAUR	0830	298	1011.3	973.9	-4.2	21.6	15.2	8.9	11.4	45	+ 8	0.2	-1.6	0.6	0	0	31	02	3	6	7	8	4	1	0	0	0
	1730	298	1006.9	973.6	-1.1	31.0	21.5	15.0	17.0	39	+15	0.2	-2.1	0.8	0	0	31	03	3	1	2	5	6	7	4	0	0
PHALODI	0830	234	1011.6	984.7	-0.7	20.3	14.7	9.4	11.8	51	- 1	0.9	-1.0	7.5	0	3	28	01	2	3	7	7	7	3	1	0	0
	1730	234	1007.6	982.0	-1.1	31.2	20.0	12.1	14.1	34	+ 2	0.8	-1.3	11.8	0	4	27	03	1	1	0	3	9	6	8	0	0
JAISALMER	0830	242	980.0	954.3	-9.3	19.5	0.0	0.0	0.0	0	..	.	..	10.0	0	7	20	03	3	2	2	6	7	2	2	4	0
	1730	242	1006.5	980.2	-0.3	31.7	0.0	0.0	0.0	0	..	.	..	15.0	0	11	20	03	3	1	1	6	7	6	4	0	0
JODHPUR	0230	224	1009.6	983.9	+3.4	21.2	12.8	3.1	7.6	32	- 5	0.8	-1.3	12.5	0	3	27	05	11	1	0	0	4	8	1	1	0
	0530	224	1009.7	983.7	..	18.6	12.5	4.4	8.4	41	..	0.6	..	11.8	0	3	25	04	12	0	0	1	3	5	3	3	0
	0830	224	1011.7	985.8	-0.8	19.7	12.8	5.1	8.8	41	+ 6	1.7	-0.1	10.7	0	5	22	01	12	1	0	2	7	2	2	4	0
	1130	224	1011.3	986.3	..	29.5	16.6	3.1	7.6	21	..	1.6	..	15.2	0	8	22	00	5	2	3	4	7	5	4	1	0
	1430	224	1008.4	983.6	..	33.3	17.6	0.1	6.1	15	..	1.4	..	18.8	0	11	20	02	3	2	1	1	9	9	4	0	0
	1730	224	1007.0	982.3	-1.0	32.7	17.0	- 0.5	5.9	14	- 3	1.6	-0.7	15.8	0	5	26	03	2	2	1	3	7	8	5	0	0
	2030	224	1008.7	983.5	..	26.8	15.9	4.9	8.7	26	..	1.2	..	10.0	0	0	31	07	2	0	2	3	9	4	4	0	0
	2330	224	1009.9	984.4	..	23.9	14.2	3.4	7.8	28	..	1.0	..	11.9	0	4	26	06	6	1	0	1	6	6	4	1	0
BARMER	0530	194	1009.1	986.7	..	20.7	13.9	6.8	9.9	42	..	0.3	..	8.5	0	3	19	03	0	0	0	0	6	4	9	9	0
	0830	194	1010.8	988.4	-0.9	20.6	14.4	8.1	10.8	46	- 1	0.5	-1.1	5.5	0	1	21	02	2	0	4	0	4	0	10	9	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1968 (PHALGUNA 11, 1889 - CHAITRA 11, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation, I.S.T.	Station elevation in metres	Mean pressure in mb. At mean sea level or M. in gpm. of mean standard isobaric level	Mean pressure in mb. At station level	Mean pressure in mb. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mb.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind speed 0 or zero	Wind speed 28 to 61	Wind speed 1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
RAJASTHAN WEST (CONTD)																											
BARMER	1130	194	1011.0	989.2	..	29.6	19.0	10.7	12.9	33	..	0.8	..	5.8	0	1	26	00	6	3	1	3	5	2	7	4	0
	1730	194	1007.0	985.5	-0.8	32.6	20.2	10.8	12.9	28	+ 2	1.4	-0.7	8.1	0	0	28	01	3	2	0	1	7	7	7	3	0
	2330	194	1009.5	987.6	..	25.6	16.8	9.9	12.2	36	..	0.6	..	7.7	0	1	24	01	0	0	0	0	7	5	12	6	0
JAWAI BANDH	0830		(R)																								
	1730		(R)																								
RAJASTHAN, EAST																											
PILANI	0830	301	1012.4	977.6	-1.0	17.8	12.7	7.5	10.1	52	+ 7	1.1	-0.2	0.9	0	2	29	01	1	1	6	8	10	3	1	0	0
	1730	301	1008.0	974.6	-0.6	29.8	16.6	3.6	7.9	20	- 2	1.8	+0.1	1.1	0	3	27	03	3	3	3	0	4	4	10	1	0
SIKAR	0830	433	1011.0	958.7	-4.2	18.5	12.6	6.6	9.7	43	-13	0.3	-1.6	0.3	0	0	4	00	0	1	1	0	1	1	0	27	0
	1730	433	1007.9	963.0	+2.7	29.3	15.6	9.3	11.7	16	-27	1.0	-1.7	1.0	0	0	16	00	0	0	0	0	0	9	7	15	0
ALWAR	0830	271	1010.8	979.6	-1.3	19.7	16.2	13.6	15.5	68	+ 6	1.4	-0.9	0.4	0	0	4	00	2	0	0	1	0	0	1	27	0
	1730	271	1006.6	976.6	-1.5	29.3	21.7	17.1	19.5	49	+12	1.5	-1.7	0.2	0	0	26	01	3	5	2	2	3	1	9	5	0
JAIPUR (SANGANER)	0230	390	1009.5	984.7	..	17.9	12.1	5.8	9.2	46	..	0.9	..	4.9	0	1	21	05	4	7	1	0	0	1	4	9	0
	0530	390	1009.9	[illegible]	..	16.0	12.2	5.9	5.3	53	..	0.7	..	3.7	0	0	19	04	4	7	1	0	0	1	2	12	0
	0830	390	1010.9	[illegible]	+1.3	21.1	13.9	6.8	9.9	41	+ 3	1.1	-0.5	3.8	0	0	18	01	1	7	1	1	0	1	6	13	0
	1130	[illegible]	[illegible]	[illegible]	..	27.9	15.6	2.2	7.2	21	..	1.2	..	0.9	0	2	27	02	3	3	4	1	4	2	10	2	0
	1430	[illegible]	[illegible]	[illegible]	..	30.5	[illegible]	0.6	[illegible]	17	..	1.5	..	9.0	0	2	29	01	0	3	2	1	8	6	10	0	0
	1730	[illegible]	1008.5	985.6	-1.3	30.1	18.2	0.9	6.5	17	- 5	1.8	-0.4	9.1	0	1	29	02	0	1	2	0	2	6	14	1	3
	2030	[illegible]	1008.[illegible]	984.8	..	23.1	14.2	4.6	8.5	32	..	1.1	..	8.9	0	0	22	06	3	2	2	1	0	3	5	9	0
	2330	390	1009.[illegible]	985.3	..	20.1	12.9	4.9	8.7	38	..	1.1	..	4.9	0	0	23	05	2	9	0	0	0	2	5	8	0
DHOLPUR	0830	[illegible]	[illegible]	990.5	-1.0	20.6	14.7	9.5	11.9	50	- 9	0.2	-2.0	0.9	0	0	5	01	0	0	0	1	0	2	1	26	0
	1730	[illegible]	[illegible]	987.[illegible]	-1.0	30.1	17.9	7.4	10.3	25	-11	0.4	-2.4	1.0	0	0	11	03	0	0	0	0	0	6	2	20	0
AJMER	0830		(R)																								
	1730		(R)																								
TONK	0830	272	1014.0	979.3	-1.2	19.9	13.1	6.4	0.0	42	- 5	0.1	-2.0	6.0	0	0	31	01	1	2	4	0	3	12	8	0	0
	1730	273	1005.6	969.2	-7.5	30.9	15.9	5.2	8.8	18	-10	1.3	-1.2	7.0	0	0	31	03	3	2	1	1	4	11	6	0	0
BHILWARA	0830	425	1011.9	963.5	..	19.8	12.9	5.6	9.1	43	..	0.5	..	0.6	0	1	20	03	2	0	0	3	7	2	4	10	0
	[illegible]	[illegible]	1007.5	961.0	..	30.9	16.1	0.5	6.3	15	..	1.0	..	0.7	0	0	28	01	5	1	0	0	14	1	6	3	0
KOTA	0830	257	1011.5	982.2	-1.1	22.8	15.1	7.8	10.6	40	+ 6	1.1	-0.3	1.6	0	4	19	03	1	3	3	2	3	5	3	8	0
	1730	257	1006.7	978.4	-0.9	31.3	18.1	7.0	10.0	24	+ 6	1.6	-0.4	5.9	0	4	22	06	7	0	0	0	0	7	6	5	0
KOTA AERODROME	0530	274	1009.6	978.1	..	19.7	13.3	7.1	10.1	45	..	0.7	..	9.4	0	6	20	03	0	4	0	1	6	10	2	5	0
	0830	274	1011.6	980.4	..	22.8	14.8	5.9	9.3	38	..	1.0	..	8.1	0	3	17	00	1	1	1	1	4	7	5	11	0
	1130	274	1011.5	980.9	..	28.9	17.4	7.8	10.6	27	..	0.9	..	12.6	0	9	19	02	1	10	3	0	3	5	4	3	0
	1730	274	1006.9	976.7	..	31.4	17.9	2.8	7.5	22	..	1.4	..	14.6	0	10	20	06	4	5	0	1	2	5	7	1	0
	2330		(R)																								
CHAMBAL (RAWAT BHATTA DAM)	0830	361	1012.0	972.0	-0.9	21.3	15.0	9.3	11.7	47	+ 5	0.6	-0.9	4.0	0	3	8	00	2	0	2	0	4	2	1	20	0
	1730	351	1006.5	978.2	+8.9	31.3	19.4	10.4	12.6	28	+ 0	1.3	-1.0	1.1	0	7	24	00	4	0	1	1	6	2	17	0	0
UDAIPUR	0230	582	1010.9	94[illegible].1	..	18.0	12.7	7.8	10.6	54	..	0.5	..	0.9	0	0	5	00	0	0	0	0	3	1	1	26	0
	0530	582	1010.9	944.7	..	16.4	11.5	7.4	10.3	57	..	0.5	..	1.3	0	0	7	00	0	0	0	0	4	1	2	24	0
	0830	582	1012.2	[illegible]	-0.7	20.2	[illegible]	7.5	10.4	47	+ 4	1.0	-0.5	2.0	0	0	9	00	1	0	0	0	5	0	3	22	0
	1130	582	1010.8	[illegible]	..	28.1	16.2	5.9	9.3	26	..	0.8	..	6.0	0	0	28	03	6	3	5	4	3	1	3	3	0
	1730	582	1006.7	943.6	-0.7	29.9	16.8	5.8	9.2	23	- 1	1.8	-0.6	7.0	0	0	25	02	0	2	1	3	7	5	5	6	0
	2330	582	1010.9	945.6	..	20.8	13.8	7.5	10.4	45	..	1.0	..	1.6	0	0	7	01	0	0	0	0	2	1	3	24	0
JHALAWAR	0830		(R)																								
	1730		(R)																								
BANSWARA	0830	220	1012.3	987.2	..	22.8	17.6	13.3	0.0	59	..	0.0	..	5.0	0	0	31	02	1	13	7	2	4	2	0	0	0
	1730	220	1007.8	972.3	..	33.6	21.4	13.2	0.0	31	..	0.0	..	5.0	0	0	31	03	1	0	0	1	9	13	4	0	0
DUNGARPUR	0830		..	..	..	21.8	16.9	12.5	14.4	23	..	1.1	..	1.8	0	0	9	00	2	1	0	0	3	2	1	22	0
	1730		..	..	..	32.7	22.4	14.1	16.1	34	..	1.5	..	4.3	0	0	20	02	0	1	1	1	12	2	2	10	0
MADHYA PRADESH, WEST																											
GWALIOR	0230	207	1009.5	985.5	..	17.6	12.6	7.4	10.6	54	..	1.1	..	2.5	0	0	14	00	1	0	1	8	2	0	2	17	0
	0530	207	1009.6	985.5	..	16.5	12.0	7.2	10.4	57	..	0.9	..	2.5	0	0	13	02	1	0	1	5	0	1	3	18	0
	0830	207	1011.3	987.6	-1.5	21.9	15.0	8.6	11.5	44	+10	1.0	-0.7	5.2	0	1	23	01	0	3	2	5	4	3	6	7	0
	1130	207	1011.0	987.8	..	28.8	17.3	7.2	10.4	26	..	0.9	..	9.4	0	2	29	04	2	1	1	6	2	5	10	0	0
	1430	207	1008.0	985.1	..	31.1	17.7	5.7	9.4	21	..	1.1	..	9.4	0	1	26	03	2	1	0	1	1	5	14	4	0
	1730	207	1007.3	984.3	-0.5	30.1	17.2	5.5	9.1	22	+ 6	1.5	-0.8	7.7	0	0	29	07	6	0	0	2	0	3	11	2	0
	2030	207	1009.1	985.6	..	23.4	15.4	8.3	11.0	40	..	1.4	..	2.7	0	0	17	04	2	2	0	3	1	2	3	14	0
	2330	207	1009.9	986.0	..	19.7	13.7	8.1	10.8	48	..	1.1	..	2.5	0	0	12	00	1	0	1	6	1	1	2	19	0
SHEOPUR	0830	235	1011.8	984.8	-0.3	20.0	13.7	7.9	10.7	46	+ 4	1.0	-0.9	4.4	0	0	24	03	0	2	0	15	2	2	0	7	0
	1730	235	1006.7	980.9	-0.1	31.7	16.9	2.0	7.3	16	- 2	1.6	-1.2	12.4	0	5	26	06	2	0	1	1	2	13	6	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – MARCH, 1968 (PHALGUNA 11,1889 - CHAITRA 11,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of mean standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry Bulb	Mean temperature in °C: Wet Bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	Wind Speed (Km. p. h.): 62 or more	Wind Speed (Km. p. h.): 20 to 61	Wind Speed (Km. p. h.): 1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH. WEST(CONTD)																											
SHIVPURI	0830	464	1011.6	959.3	..	21.7	13.9	6.8	10.2	40	..	0.7	..	5.5	0	1	20	02	2	2	5	2	3	3	2	10	0
	1730	464	1006.5	955.7	..	29.5	15.9	3.4	8.1	21	..	1.7	..	10.1	0	4	26	05	1	1	2	0	6	6	9	1	0
NOWGONG	0830	229	1011.9	985.6	-0.6	19.9	14.3	8.7	11.8	52	+ 6	1.3	-0.3	2.2	0	0	19	00	1	0	0	5	8	2	3	12	0
	1730	229	1007.4	982.1	-0.2	30.9	17.6	5.2	9.3	22	+ 0	1.3	-0.7	6.3	0	0	27	00	3	0	2	0	7	1	12	4	2
GUNA	0530	478	1011.0	956.1	..	16.2	11.3	6.2	9.8	54	..	1.3	..	4.8	0	0	28	02	2	3	10	2	6	1	2	3	0
	0830	478	1011.6	957.8	-0.8	22.3	14.4	6.7	10.7	40	- 1	1.1	-0.2	5.0	0	0	29	02	1	12	3	4	1	4	2	2	0
	1130	478	1010.8	958.2	..	29.0	16.9	6.6	10.4	27	..	0.8	..	8.6	0	1	29	01	1	4	5	3	3	7	6	1	0
	1430	478	1007.3	955.3	..	31.6	17.4	5.0	9.5	21	..	1.4	..	10.5	0	3	28	01	0	3	3	2	2	11	9	0	0
	1730	478	1006.3	954.2	-1.0	30.1	16.9	5.8	9.6	24	+ 5	2.0	+0.0	10.4	0	5	25	02	1	0	2	2	2	11	10	1	0
	2330	478	1010.6	956.5	..	20.5	13.5	6.9	10.4	44	..	1.1	..	4.8	0	1	23	03	4	3	4	4	4	0	2	7	0
NIMACH	0830	496	1012.8	956.9	-0.2	21.2	12.8	3.6	8.7	36	+ 3	1.2	-0.4	7.3	0	2	23	03	10	1	1	0	5	4	1	6	0
	1730	496	1006.6	952.7	-1.0	30.7	15.7	0.4	6.9	16	- 6	1.3	-1.2	13.6	0	6	23	00	1	2	0	0	3	8	0	2	15
RAJGARH	0830	382	1012.2	968.6	-0.7	19.6	14.4	9.3	12.2	54	+19	1.2	-0.2	6.3	0	3	21	04	1	2	3	8	2	4	0	7	0
	1730	382	1006.7	964.9	-0.6	31.7	19.0	8.0	11.6	27	+ 9	1.1	-1.3	11.9	0	5	25	07	1	1	0	1	2	12	6	1	0
SAGAR	0830	551	1010.8	949.7	-0.5	25.0	21.7	20.1	23.5	74	+43	1.5	-0.1	5.3	0	0	31	00	3	4	0	0	8	12	4	0	0
	1730	551	1006.3	946.4	-0.4	30.7	24.7	22.1	26.6	60	+42	1.5	-0.7	7.5	0	0	30	00	10	11	0	0	2	4	3	1	0
RATLAM	0830	486	1012.2	957.4	-0.2	21.9	15.6	10.8	13.1	51	+ 8	1.1	-0.8	9.9	0	3	26	01	8	9	3	0	2	5	1	2	0
	1730	486	1006.1	953.4	-0.9	31.9	19.9	12.2	14.4	31	+ 5	1.8	-1.1	11.5	0	6	22	00	5	5	0	0	3	9	6	3	0
BHOPAL(BAIRAGARH)	0230	523	1009.6	950.5	..	19.3	12.1	4.6	8.9	41	..	1.3	..	8.3	0	1	25	05	3	4	3	0	2	6	3	5	0
	0530	523	1010.4	950.9	..	17.4	11.4	5.1	9.1	47	..	0.7	..	7.4	0	2	23	04	3	2	4	2	2	4	4	6	0
	0830	523	1011.8	953.1	-0.8	22.3	13.7	5.1	9.4	36	+ 5	1.1	-0.2	9.5	0	5	19	03	3	4	3	3	1	5	2	7	0
	1130	523	1010.6	953.2	..	29.0	15.9	3.9	8.5	23	..	0.9	..	13.0	0	5	25	03	3	5	4	3	1	6	5	1	0
	1430	523	1007.3	950.5	..	31.0	16.4	2.9	8.0	20	..	1.6	..	15.7	0	9	21	04	1	3	2	2	2	8	8	1	0
	1730	523	1006.2	949.4	-0.2	30.6	16.1	2.4	7.7	19	+ 2	2.1	+0.1	14.9	0	7	24	07	2	0	3	0	0	9	10	0	0
	2030	523	1009.1	951.1	..	24.8	14.3	4.3	8.7	29	..	1.8	..	6.5	0	1	21	06	2	1	2	0	4	2	5	9	0
	2330	523	1010.3	951.6	..	21.6	12.8	3.7	8.4	34	..	1.6	..	9.0	0	3	24	06	5	2	4	0	5	2	3	4	0
UJJAIN	0830	489	1012.8	957.1	..	19.0	14.2	10.0	12.7	58	..	1.8	..	4.6	0	0	12	01	2	2	0	0	0	5	2	19	0
	1730	489	1006.2	953.1	..	31.1	21.0	14.2	17.4	40	..	2.4	..	14.4	0	11	16	02	3	2	0	1	1	13	5	4	0
NARSINGHPUR	0830	356	1012.2	971.7	..	21.0	15.4	10.9	12.9	53	..	1.5	..	3.0	0	0	27	01	13	0	2	0	2	8	1	4	0
	1730	356	1006.5	967.5	..	31.4	19.4	10.2	12.8	29	..	1.9	..	2.4	0	0	30	00	8	0	0	0	22	0	0	1	0
HOSHANGABAD	0830	302	1012.8	978.3	+0.4	21.3	15.1	9.3	12.1	49	+12	1.4	-0.3	2.1	0	0	31	01	1	0	4	2	23	0	0	0	0
	1730	302	1006.8	973.7	+0.3	32.8	18.8	6.2	10.3	23	+ 6	1.5	-0.8	2.0	0	0	31	00	7	0	7	1	14	1	1	0	0
INDORE	0530	567	1010.8	946.3	..	16.8	11.3	5.5	9.4	50	..	0.8	..	7.3	0	1	24	03	4	5	1	1	6	5	0	6	0
	0830	567	1012.0	948.4	-0.3	21.7	13.7	6.0	9.9	39	+ 8	0.8	-0.4	8.8	0	3	22	01	3	7	1	3	4	5	1	6	0
	1130	567	1010.4	948.5	..	29.0	16.6	6.3	9.9	26	..	0.7	..	13.9	0	7	21	02	3	4	1	3	6	8	1	3	0
	1730	567	1005.9	944.6	-0.5	30.9	16.9	4.8	9.0	21	+ 4	1.7	-0.2	15.1	0	8	23	06	5	1	0	0	4	9	3	0	3
	2330	567	1010.6	946.9	..	20.9	13.0	5.2	9.3	38	..	1.2	..	8.7	0	1	26	03	4	3	0	2	7	7	1	4	0
RAJPUR(JHABUA)	0830	293	1012.5	979.1	-0.7	22.5	15.1	7.5	11.2	43	- 3	0.8	-0.7	5.7	0	1	25	00	1	8	0	0	0	16	1	5	0
	1730	293	1007.0	975.0	-0.6	32.9	18.1	3.2	8.8	19	- 1	1.7	+0.0	6.8	0	2	27	00	1	2	0	0	0	25	1	2	0
CHHINDWARA	0830	685	1011.9	935.5	-0.6	20.6	15.3	11.3	13.6	58	+19	1.3	-0.4	5.7	0	1	29	06	0	2	0	2	0	19	1	1	0
	1730	685	1006.1	932.2	-0.2	29.3	17.2	7.9	10.8	29	+ 8	2.0	-0.7	6.8	0	0	31	02	3	0	0	3	4	2	17	0	0
SEONI	0830	619	1011.9	942.8	-0.2	21.6	14.8	8.8	14.9	48	+ 8	1.5	-0.1	5.3	0	0	26	04	2	0	2	3	6	4	5	5	0
	1730	619	1006.3	939.4	-0.1	29.8	17.0	6.3	10.0	27	+ 2	2.1	-0.4	9.4	0	2	29	06	2	2	1	4	2	11	3	0	0
BETUL	0830	653	1012.0	939.4	-0.3	22.4	15.0	8.4	11.7	45	+11	1.4	-0.4	4.1	0	0	22	03	3	3	6	0	0	5	2	9	0
	1730	653	1006.1	935.5	-0.3	29.4	16.6	5.3	9.5	27	+ 7	2.0	-0.6	7.0	0	1	29	08	4	1	1	2	3	5	6	1	0
KHANDWA	0830	318	1012.2	975.9	+0.0	21.2	14.7	8.4	11.5	47	+15	0.9	-0.2	2.6	0	0	25	01	7	1	3	0	7	1	5	6	0
	1730	318	1006.0	971.3	-0.1	33.3	19.2	7.4	10.8	23	+ 6	1.6	-0.2	3.9	0	0	29	04	4	0	2	1	8	1	9	2	0
TIKAMGARH	0830		..	..	..	17.4	13.4	9.5	12.2	62	..	1.5	..	4.9	0	0	0	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	31.6	19.0	9.2	11.7	26	..	1.1	..	8.2	0	0	0	..	..	..	..	..	..	..	..	..	..
MADHYA PRADESH,EAST																											
SATNA	0530	317	1009.9	973.1	..	17.0	12.5	8.0	10.9	58	..	1.3	..	1.3	0	0	11	00	1	1	0	0	0	7	2	20	0
	0830	317	1011.4	975.2	-0.7	21.3	14.6	8.3	11.2	46	+ 1	1.5	+0.0	2.0	0	0	23	00	1	2	3	2	3	12	0	8	0
	1130	317	1010.6	975.4	..	28.6	16.7	5.4	9.3	25	..	1.0	..	4.6	0	0	27	00	1	2	3	1	5	11	4	4	0
	1430	317	1007.5	972.6	..	31.0	17.1	3.5	8.2	20	..	1.6	..	7.5	0	1	29	01	0	2	0	3	3	9	12	1	0
	1730	317	1007.0	971.9	-0.3	29.7	16.9	4.3	8.9	23	- 3	1.2	-0.8	4.1	0	0	28	02	0	1	0	1	1	11	12	3	0
	2330	317	1009.8	973.6	..	20.8	14.2	7.7	10.9	45	..	0.8	..	1.9	0	0	15	01	0	3	2	2	0	5	2	16	0
REWA	0830	299	1011.0	977.0	..	22.0	15.1	8.9	11.5	45	..	1.7	..	2.7	0	0	23	01	1	0	0	4	8	5	4	8	0
	1730	299	1006.6	973.5	..	30.1	17.1	4.8	9.0	23	..	1.7	..	4.3	0	0	30	04	2	0	0	0	2	8	14	1	0
SIDHI	0830	272	1010.3	979.3	-1.4	21.6	17.5	14.7	16.7	66	+17	0.2	-0.6	0.7	0	0	11	00	0	4	1	3	0	3	0	20	0
	1730	272	1006.4	976.3	-0.6	30.1	21.5	16.3	18.5	44	+21	0.5	-0.4	1.3	0	0	14	02	1	6	2	1	1	1	0	17	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1968 (PHALGUNA 11, 1889 - CHAITRA 11, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of current standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH, EAST (CONTD.)																											
UMARIA	0830	459	1011.6	959.9	-0.4	22.1	15.0	9.3	11.9	47	+ 1	1.8	-0.1	3.5	0	0	26	04	3	6	2	4	1	4	2	5	0
	1730	459	1006.8	956.5	-0.1	29.8	17.3	6.8	10.7	27	- 1	2.4	-0.1	4.3	0	0	31	06	4	0	0	0	3	11	7	0	0
JABALPUR	0530	393	1010.4	965.3	..	17.4	14.2	11.3	13.7	69	..	1.3	..	1.7	0	0	11	00	1	0	2	5	0	2	1	20	0
	0830	393	1012.2	967.8	+0.0	21.7	15.9	10.8	13.4	53	+ 9	1.9	+0.4	3.9	0	0	25	00	3	2	4	7	1	5	3	6	0
	1130	393	1011.0	967.6	..	28.5	18.3	9.6	12.7	35	..	1.6	..	4.8	0	0	26	01	6	1	2	5	2	5	4	5	0
	1430	393	1007.5	964.6	..	31.1	18.6	7.7	11.2	27	..	1.9	..	6.3	0	1	29	03	4	0	3	0	4	9	7	1	0
	1730	393	1006.9	963.9	+0.1	30.3	18.5	8.3	11.7	30	+ 7	2.5	+0.3	5.0	0	0	26	02	5	0	1	2	2	9	5	5	0
	2030	393	1009.5	965.5	..	23.8	17.1	11.7	14.1	49	..	1.6	..	1.0	0	0	7	00	2	1	0	1	2	0	1	24	0
	2330	393	1010.5	966.0	..	21.0	15.8	11.4	13.7	56	..	1.7	..	1.4	0	0	9	01	0	1	5	1	0	0	1	22	0
AMBIKAPUR	0830	611	1011.7	943.5	-0.8	21.8	15.3	10.0	12.7	50	+ 2	1.9	+0.7	2.5	0	0	15	03	0	1	0	4	5	1	1	16	0
	1730	611	1006.1	939.7	-0.9	28.6	16.6	6.4	10.1	28	+ 3	2.6	+0.9	11.0	0	2	28	05	1	1	1	1	5	5	11	1	0
JASHPURNAGAR	0830	779	1010.9	925.3	..	22.6	14.8	7.9	11.2	44	..	1.3	..	2.7	0	0	22	03	2	0	0	0	6	3	8	9	0
	1730	779	1005.7	921.8	..	27.4	15.9	5.5	9.7	29	..	2.5	..	3.3	0	0	27	02	3	0	1	1	8	3	9	4	0
PENDRA	0530	625	1010.2	939.9	..	18.6	12.9	7.5	10.8	53	..	2.0	..	5.1	0	3	18	08	1	0	0	4	3	4	1	10	0
	0830	625	1011.4	942.1	-0.6	23.1	15.2	8.2	11.5	42	+ 3	1.5	-0.2	8.5	0	5	18	09	0	0	1	7	1	3	2	8	0
	1130	625	1010.2	942.0	..	27.6	16.8	8.0	11.2	33	..	1.7	..	13.4	0	9	19	10	1	0	1	3	5	7	1	3	0
	1430	625	1006.9	939.2	..	29.2	17.1	7.1	10.7	29	..	2.3	..	13.3	0	9	21	10	1	0	1	2	3	11	2	1	0
	1730	625	1006.7	938.8	-0.3	28.0	16.4	6.8	10.2	30	+ 2	1.6	-1.2	8.6	0	1	27	12	1	0	1	3	1	7	3	3	0
	2330	625	1010.5	940.8	..	21.1	14.0	7.5	10.8	46	..	1.3	..	5.2	0	0	27	06	0	0	0	3	3	7	8	4	0
MANDLA	0830	443	1012.3	962.2	-0.5	20.1	15.7	12.2	14.3	63	+ 6	1.5	-0.4	0.5	0	0	3	02	0	0	0	0	0	0	1	28	0
	1730	443	1006.5	958.1	-0.2	29.4	17.8	7.2	10.9	30	+ 6	1.9	-0.8	2.2	0	0	16	06	0	0	0	3	0	1	6	15	0
CHAMPA	0830	245	1011.6	983.7	-0.7	23.3	16.9	11.7	14.1	51	+13	1.7	-0.3	4.4	0	0	26	15	3	0	0	0	3	3	2	5	0
	1730	245	1006.7	979.8	-0.2	31.9	18.5	7.3	10.4	21	- 1	1.8	-0.8	8.4	0	1	30	07	0	1	0	0	1	17	5	0	0
RAIGARH	0830	220	1011.7	986.8	-0.2	25.3	17.6	11.2	13.9	46	+ 3	1.9	-0.1	3.8	0	0	30	00	11	2	5	1	5	1	5	1	0
	1730	220	1006.7	982.4	-0.2	31.4	19.6	9.7	13.2	29	+ 6	1.5	-0.5	3.0	0	0	28	07	1	0	2	0	7	2	9	3	0
RAIPUR	0530	298	1009.6	975.6	..	20.8	16.4	12.8	15.1	63	..	1.9	..	3.0	0	1	12	00	0	2	0	4	1	4	2	18	0
	0830	298	1011.9	978.2	-0.1	24.8	18.1	12.9	15.4	49	+ 8	1.5	-0.1	5.4	0	0	29	03	5	1	0	2	6	9	3	2	0
	1130	298	1011.0	978.0	..	30.5	19.6	11.7	13.9	35	..	1.3	..	6.9	0	0	30	03	3	1	1	3	5	8	6	1	0
	1430	298	1007.6	974.9	..	32.7	20.1	10.7	13.2	31	..	1.8	..	8.1	0	1	29	06	2	1	3	1	4	11	2	1	0
	1730	298	1006.9	974.2	+0.0	31.5	19.6	10.6	13.1	31	+ 7	1.6	-0.1	6.0	0	0	30	05	1	2	0	1	3	7	11	1	0
	2030	298	1009.2	975.9	..	26.7	18.5	12.4	14.7	44	..	1.1	..	2.3	0	0	12	02	1	0	1	1	1	6	0	19	0
	2330	298	1009.9	976.2	..	24.4	17.7	12.5	14.9	50	..	1.3	..	4.3	0	0	25	04	0	4	2	6	4	3	2	6	0
KANKER	0830	402	1011.8	966.6	-0.3	23.0	17.6	13.8	15.8	57	+ 3	1.3	-0.7	1.2	0	0	9	00	0	0	3	0	6	0	0	22	0
	1730	402	1006.5	962.8	-0.3	31.2	20.4	13.1	15.2	35	+ 5	1.5	-1.0	3.2	0	0	20	00	0	0	0	0	9	8	3	11	0
JAGDALPUR	0530	553	1010.2	948.0	..	19.2	15.8	13.5	15.5	70	..	1.5	..	2.1	0	0	9	02	1	0	2	2	2	0	0	22	0
	0830	553	1011.8	950.5	-0.1	24.0	17.5	13.2	15.3	53	- 1	1.5	-0.1	3.9	0	0	17	01	1	0	3	6	4	0	2	14	0
	1130	553	1010.1	950.0	..	29.9	18.3	9.9	12.5	32	..	1.8	..	7.7	0	0	29	02	2	2	0	9	6	2	6	2	0
	1430	553	1006.3	946.9	..	32.1	18.7	8.7	11.7	27	..	2.8	..	9.2	0	1	27	03	0	1	1	6	5	7	5	3	0
	1730	553	1005.8	946.2	-0.2	31.3	18.9	10.1	12.3	30	+ 2	2.7	+0.0	4.8	0	0	24	01	3	1	1	5	2	7	4	7	0
	2030	553	1008.9	948.1	..	25.9	18.0	12.7	14.9	46	..	0.7	..	1.7	0	0	6	02	1	1	0	0	1	1	0	25	0
	2330	553	1010.1	948.7	..	23.1	17.3	13.3	15.5	56	..	1.0	..	1.5	0	0	5	01	0	1	0	3	0	0	0	26	0
GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																											
DEESA	0830	136	1012.2	996.1	-0.4	20.0	14.5	9.0	11.5	52	+ 4	1.8	+0.3	5.1	0	0	26	00	11	0	4	0	6	1	4	4	0
	1730	136	1007.9	993.2	+0.4	32.9	17.5	0.8	6.5	15	- 8	0.2	-1.6	7.5	0	1	30	00	7	0	0	0	9	0	15	0	0
RADHANPUR	0830	30	1012.0	1008.5	-0.4	21.1	17.1	13.7	15.7	64	+ 2	0.4	-0.5	1.9	0	0	22	01	3	1	2	1	7	2	5	9	0
	1730	30	1008.1	1004.5	-0.9	33.4	23.9	18.5	21.3	43	+14	0.3	-0.7	2.3	0	0	29	11	0	2	0	0	4	7	5	2	0
IDAR	0830	219	1011.9	987.0	-0.5	23.9	14.7	2.8	7.5	33	- 1	1.5	-0.2	5.6	0	1	22	11	4	2	1	1	3	1	0	7	0
	1730	219	1007.2	983.2	-0.8	33.0	17.3	0.6	6.4	14	- 3	1.0	-0.9	7.4	0	2	28	00	0	1	2	0	4	18	5	1	0
AHMADABAD	0230	55	1009.7	1003.3	..	22.3	15.4	8.7	11.2	45	..	0.5	..	8.5	0	0	26	05	4	0	0	0	2	8	7	5	0
	0530	55	1009.6	1003.1	..	20.0	14.6	9.2	11.6	52	..	0.5	..	6.5	0	0	24	04	4	1	1	2	2	3	7	7	0
	0830	55	1011.8	1005.4	-0.5	22.6	16.1	9.7	12.0	49	+ 2	1.2	-0.1	8.1	0	0	21	02	4	4	2	3	0	1	5	10	0
	1130	55	1012.0	1005.8	..	31.0	19.2	9.0	11.5	29	..	0.5	..	13.6	0	9	21	05	5	4	2	2	4	2	5	1	1
	1430	55	1009.0	1002.8	..	34.6	20.0	7.3	10.2	21	..	0.9	..	14.1	0	5	26	04	4	5	0	2	4	6	6	0	0
	1730	55	1007.6	1001.5	-0.6	34.3	19.8	7.0	10.0	21	+ 1	0.8	-0.6	15.7	0	8	23	09	6	0	0	0	3	8	5	0	0
	2030	55	1008.8	1003.0	..	27.4	20.0	11.3	13.4	31	..	0.4	..	6.3	0	2	15	04	1	0	0	0	2	5	5	14	0
	2330	55	1010.2	1003.8	..	24.6	16.4	8.6	11.2	39	..	0.5	..	8.2	0	2	24	04	3	0	0	1	3	5	10	5	0
DOHAD	0830	333	1011.9	974.1	-0.8	22.3	15.2	8.0	10.7	44	+ 7	1.0	-0.1	12.1	0	6	25	01	4	8	3	5	5	4	1	0	0
	1730	333	1006.4	970.1	-1.1	32.7	19.1	7.5	10.4	24	+ 8	1.3	+0.0	15.1	0	11	20	06	4	1	1	1	5	8	5	0	0
VALLABH VIDYANAGAR	0830	44	1011.6	1006.5	..	20.7	15.8	11.6	13.7	58	..	0.4	..	5.5	0	0	31	07	5	1	1	4	2	4	7	0	0
	1730	44	1007.4	1002.6	..	34.2	21.7	13.3	15.3	30	..	0.3	..	7.5	0	0	31	04	2	0	1	0	6	7	11	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – MARCH ,1968 (PHALGUNA 11,1889 – CHAITRA 11,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station direction in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of mean standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind speed (Km. p. h.) 62 or more	28 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
GUJARAT REGION (INCLUDING DAMAN DADRA AND NAGAR HAVELI (CONTD.)																											
BARODA AERODROME	0830	38	1011.9	1007.5	-0.6	23.8	19.3	16.1	18.3	64	+16	1.0	+0.1	9.2	0	2	24	06	6	2	0	2	3	4	3	5	0
	1130	38	1011.8	1007.5	..	31.9	24.6	20.6	24.3	54	..	0.5	..	12.8	0	6	23	05	6	2	4	1	6	1	2	2	2
	1730	38	1007.2	1003.0	-0.8	34.5	26.2	22.0	26.4	51	+31	1.0	-0.1	12.3	0	4	26	04	1	0	0	1	4	9	11	1	0
BARODA	0530	34	1009.8	1005.7	..	20.6	15.7	11.1	13.2	57	..	0.8	..	1.5	0	0	10	01	5	0	0	0	3	0	1	21	0
	0830	34	1011.8	1007.8	-0.8	22.9	16.4	10.3	12.5	49	- 4	0.5	-0.4	1.7	0	0	14	00	4	1	0	0	4	2	3	17	0
	1130	34	1012.0	1008.1	..	32.2	19.7	9.1	11.5	28	..	0.0	..	3.6	0	2	19	01	7	0	1	0	2	5	5	10	0
	1730	34	1007.3	1003.4	-0.7	35.3	20.3	8.6	11.2	21	- 1	0.3	-0.7	5.0	0	3	21	01	4	0	0	0	7	3	9	7	0
	2330	34	1010.1	1006.1	..	25.6	17.4	10.4	12.6	41	..	0.5	..	2.6	0	0	18	00	6	0	0	0	7	1	4	13	0
BROACH	0830		..	..	..	..	..	..	..	..	..	0.6	-0.6	5.4	0	0	31	06	11	1	0	0	10	0	3	0	0
	1730		..	..	..	..	..	..	..	..	..	0.3	-0.8	5.4	0	0	31	04	9	0	0	0	6	4	8	0	0
SURAT	0530	12	1009.7	1008.3	..	21.5	17.6	14.2	16.2	67	..	0.5	..	8.5	0	2	28	00	17	0	2	0	9	0	2	1	0
	0830	12	1012.0	1010.6	-0.5	22.9	17.8	13.8	15.8	59	- 4	0.8	-0.7	7.2	0	1	29	00	18	0	4	0	4	0	4	1	0
	1130	12	1012.3	1011.0	..	31.0	20.1	11.4	13.5	34	..	0.4	..	12.7	0	4	27	00	17	0	2	0	6	0	6	0	0
	1730	12	1007.8	1006.5	-0.6	33.2	20.9	12.5	14.5	31	- 2	0.2	-1.1	13.6	0	5	26	00	3	0	0	0	14	0	14	0	0
	2330	12	1010.5	1009.1	..	24.6	19.2	15.3	17.4	59	..	0.5	..	8.6	0	0	31	00	13	0	1	0	14	0	3	0	0
SAURASHTRA AND KUTCH																											
NALIYA	0830	21	1011.7	1009.2	-1.0	20.1	17.6	15.5	17.6	77	- 3	1.4	-0.9	5.9	0	1	21	04	5	1	0	0	6	3	3	9	0
	1730	21	1009.1	1006.7	-0.9	29.5	22.6	18.4	21.1	54	+14	1.2	-0.3	11.5	0	2	29	03	3	0	0	0	17	7	1	0	0
BHUJ (RUDRAMATA	0230	80	1010.2	1000.9	..	20.8	16.5	12.5	14.5	63	..	0.2	..	8.6	0	5	12	01	1	0	0	0	5	7	3	14	0
	0530	80	1010.1	1000.7	..	19.6	16.2	13.1	15.1	69	..	0.6	..	4.9	0	2	8	01	0	0	0	0	3	3	3	21	0
	0830	80	1011.9	1002.6	-0.6	21.3	17.4	14.1	16.1	66	+ 7	0.8	-0.2	8.4	0	4	14	03	1	1	0	0	7	5	1	13	0
	1130	80	1012.2	1003.2	..	29.1	18.7	9.5	11.9	34	..	0.5	..	16.8	0	12	17	05	6	4	0	1	2	6	5	2	0
	1430	80	1009.4	1000.5	..	32.7	19.3	7.1	10.1	24	..	0.6	..	20.6	0	11	19	05	6	1	2	1	1	7	7	1	0
	1730	80	1008.2	999.2	-0.5	32.1	19.3	8.0	10.7	27	+ 1	0.7	-0.4	20.6	0	17	11	05	5	1	0	0	3	9	5	3	0
	2030	80	1009.9	1000.7	..	26.9	18.5	11.5	13.6	43	..	0.5	..	13.9	0	9	15	03	3	0	0	0	4	11	3	7	0
	2330	80	1010.8	1001.5	..	23.1	17.6	12.6	14.6	56	..	0.3	..	11.5	0	6	17	03	2	1	0	0	7	9	1	8	0
KANDLA AERODROME	0830	35	1012.2	1008.2	..	22.5	17.0	12.0	14.0	56	..	0.6	..	16.3	0	11	19	04	1	0	1	2	6	1	15	1	0
	1130	35	1012.6	1008.7	..	30.1	19.3	10.0	12.3	33	..	0.4	..	20.3	0	11	20	06	2	4	1	2	9	3	4	0	0
	1730	35	1008.3	1004.4	..	32.7	20.1	8.9	11.4	27	..	0.5	..	25.0	0	18	13	03	1	2	1	4	11	4	5	0	0
NEW KANDLA	0830	14	1012.4	1010.7	-0.8	22.1	17.0	12.5	14.5	58	- 7	1.6	-0.8	13.7	0	7	23	14	0	1	1	1	4	4	5	1	0
	1730	14	1009.0	1007.3	-1.0	29.9	19.6	11.2	13.3	36	- 2	1.0	-0.7	24.8	0	22	9	08	3	0	0	1	12	7	0	0	0
MANDVI	0830	9	1012.3	1011.2	-0.5	22.0	18.6	15.9	18.1	72	- 8	1.9	+0.4	11.2	0	6	18	05	3	0	0	0	4	5	7	7	0
	1730	9	1009.5	1008.4	-0.8	26.7	22.9	20.4	24.0	73	- 4	1.7	+0.4	19.6	0	14	16	01	1	0	1	0	6	20	1	1	0
SURENDRANAGAR	0830	74	1012.1	1003.5	-0.4	23.7	18.1	13.8	15.8	56	- 3	1.0	-0.2	15.7	0	13	15	05	3	0	1	0	2	9	8	3	0
	1730	74	1007.6	999.4	-0.6	34.4	21.8	13.6	15.6	31	+ 8	1.0	-0.4	14.6	0	7	22	04	1	1	0	0	1	16	6	2	0
OKHA	0530	7	1010.6	1009.8	..	22.6	20.6	19.4	22.5	83	..	0.6	..	20.5	0	17	13	12	2	0	0	0	4	4	8	1	0
	0830	7	1012.5	1011.7	..	23.1	20.5	18.8	21.7	77	..	1.0	..	18.9	0	16	15	13	2	1	0	1	2	6	6	0	0
	1130	7	1013.4	1012.6	..	25.3	20.8	18.0	20.6	66	..	0.7	..	18.3	0	11	20	11	3	2	0	0	3	4	8	0	0
	1730	7	1009.9	1009.1	..	25.7	21.8	19.6	22.8	70	..	0.9	..	21.7	0	17	14	02	1	0	0	0	3	11	14	0	0
	2330	7	1011.8	1011.0	..	23.3	21.2	20.0	23.4	82	..	0.2	..	21.2	0	20	11	03	0	0	0	0	4	7	17	0	0
JAMNAGAR AERODROME	0530	23	1010.6	1008.0	..	18.3	16.6	15.2	17.3	83	..	0.6	..	9.3	0	1	21	03	1	1	0	2	8	5	2	9	0
	0830	23	1012.4	1009.8	-0.9	21.4	18.2	15.9	18.1	72	+ 1	1.5	-0.4	9.0	0	2	23	01	5	2	1	3	9	3	0	6	1
	1130	23	1013.0	1010.4	..	28.7	19.5	12.6	14.6	40	..	0.7	..	17.9	0	11	19	04	14	1	0	0	1	8	2	1	0
	1730	23	1009.0	1006.5	-0.3	30.2	20.1	12.7	14.7	37	- 1	0.8	-0.5	22.9	0	16	15	05	3	1	0	0	0	13	9	0	0
	2330	23	1011.4	1008.8	..	22.5	19.7	18.0	20.6	76	..	0.5	..	15.9	0	7	23	02	1	1	0	0	5	14	7	1	0
DWARKA	0830	11	1013.1	1011.8	-0.3	23.2	20.2	18.2	20.9	74	- 4	1.0	-0.8	15.0	0	8	23	11	4	1	1	1	3	5	4	0	1
	1730	11	1010.9	1009.6	+0.3	26.2	22.0	19.4	22.5	68	+ 0	1.2	-0.1	17.2	0	11	20	03	1	0	0	0	3	11	10	0	3
RAJKOT	0530	138	1010.3	994.3	..	18.9	14.6	10.1	12.3	61	..	0.8	..	13.0	0	9	17	04	2	1	1	1	4	6	7	5	0
	0830	138	1012.0	996.2	-0.9	22.2	16.6	11.5	13.6	53	-10	0.5	-1.1	14.1	0	10	14	03	3	1	1	0	5	4	7	7	0
	1130	138	1011.9	996.5	..	30.3	18.9	9.5	11.9	29	..	0.0	..	22.6	0	21	10	06	4	2	1	0	2	5	11	0	0
	1430	138	1008.7	993.5	..	34.0	19.6	7.8	10.6	21	..	0.2	..	23.6	0	22	9	04	6	1	1	0	1	7	10	0	1
	1730	138	1007.5	992.4	-0.6	33.5	19.3	7.4	10.3	21	+ 4	0.2	-1.2	26.2	0	21	10	06	3	1	0	0	1	5	14	0	1
BHAUNAGAR AERODROME	0830	11	1012.0	1010.8	-0.8	23.0	16.2	9.4	11.8	46	+ 7	0.6	-0.4	17.0	0	12	19	02	1	2	0	1	3	8	14	0	0
	1130	11	1012.3	1011.1	..	30.5	19.0	8.9	11.4	30	..	0.4	..	19.5	0	15	15	06	11	5	0	1	0	2	5	1	0
	1730	11	1007.7	1006.5	-0.9	33.9	20.2	9.2	11.6	24	+ 2	0.8	-0.5	21.4	0	19	11	03	7	7	4	5	2	1	1	1	0
PORBANDER AERODROME	0830	7	1012.3	1011.5	-0.2	23.6	17.8	12.2	14.2	53	-21	0.7	-0.4	9.4	0	4	26	08	2	1	3	2	3	2	9	1	0
	1130	7	1012.7	1011.9	..	30.3	18.9	8.4	11.0	31	..	0.7	..	19.4	0	19	12	08	5	2	0	1	8	3	4	0	0
	1730	7	1009.1	1008.3	-0.8	29.5	19.9	10.8	12.9	40	-22	0.8	-0.6	24.7	0	28	3	04	0	0	1	0	4	20	2	0	0
KESHOD	0830	51	1012.2	1006.3	-1.1	22.6	16.2	10.2	12.4	49	-15	0.6	-0.7	14.5	0	3	27	14	9	2	0	1	2	1	1	1	0
	1130	51	1012.3	1006.6	..	30.4	18.2	6.6	9.7	26	..	0.5	..	21.3	0	18	13	08	8	3	0	0	1	6	5	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH, 1968 (PHALGUNA 11,1889 - CHAITRA 11,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of present standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SAURASHTRA AND KUTCH (INCLUDING DIU)																											
KESHOD	1730	51	1008.4	1002.7	-1.2	32.6	19.0	6.9	9.9	24	- 6	0.7	+0.0	21.9	0	21	10	05	0	0	0	1	6	11	8	0	0
MAHUVA	0830	9	1011.1	1010.1	..	21.6	16.9	13.0	15.0	61	..	2.1	..	4.2	0	0	29	16	4	2	0	0	4	0	3	2	0
	1730	9	1007.8	1006.8	..	31.1	23.6	19.2	22.2	52	..	1.2	..	6.8	0	1	30	02	2	3	8	10	6	0	0	0	0
VERAVAL	0230	8	1010.1	1009.2	..	21.6	17.2	13.2	15.2	63	..	0.3	..	15.6	0	10	21	20	3	1	0	0	0	3	4	0	0
	0530	8	1009.8	1008.9	..	20.5	16.2	12.1	14.1	63	..	0.4	..	15.0	0	7	24	20	7	0	0	0	0	3	1	0	0
	0830	8	1012.0	1011.1	-0.8	22.5	17.2	12.6	14.6	57	- 6	0.7	-0.5	11.9	0	8	21	13	11	0	0	0	1	2	2	2	0
	1130	8	1012.3	1011.5	..	30.0	21.0	14.3	16.3	45	..	0.5	..	20.4	0	18	13	05	8	0	1	1	3	10	3	0	0
	1430	8	1010.0	1009.1	..	28.9	23.4	20.2	23.7	62	..	0.6	..	25.7	0	26	5	01	1	0	0	2	4	14	9	0	0
	1730	8	1008.9	1008.0	-0.5	27.2	23.1	20.7	24.4	70	- 3	0.6	-0.3	25.2	0	23	8	02	1	0	0	0	4	11	13	0	0
	2030	8	1010.3	1009.4	..	24.9	21.7	19.7	22.9	75	..	0.3	..	18.8	0	17	11	04	1	0	0	0	0	6	17	3	0
	2330	8	1011.0	1010.1	..	23.3	19.2	15.9	18.1	67	..	0.3	..	15.1	0	11	19	13	2	1	0	0	0	2	12	1	0
DIU	0830	15	1013.0	1010.9	..	24.1	18.4	14.1	16.1	56	..	0.7	..	6.4	0	2	15	08	1	0	0	0	0	4	4	14	0
	1730	15	1009.3	1007.5	..	28.0	22.9	20.1	23.5	64	..	0.7	..	18.1	0	13	18	01	0	2	1	0	10	15	1	0	1
KONKAN (INCLUDING GOA)																											
DAHANU	0830		(R)																								
	1730		(R)																								
BOMBAY (SANTACRUZ)	0230	14	1009.3	1007.6	-0.6	23.1	19.5	17.0	19.4	71	+ 4	0.5	-0.6	4.9	0	0	21	08	5	1	1	0	0	0	6	10	0
	0530	14	1009.2	1007.5	..	22.0	18.9	16.7	19.0	73	..	0.7	..	5.9	0	0	22	05	9	5	0	0	0	1	2	9	0
	0830	14	1011.4	1009.7	-0.6	25.8	19.6	14.9	16.9	54	-11	1.6	+0.1	5.5	0	0	25	03	12	6	2	0	0	0	2	6	0
	1130	14	1011.4	1009.8	..	31.8	21.4	13.7	15.7	38	..	1.0	..	12.5	0	3	27	02	4	4	3	0	1	11	5	1	0
	1430	14	1008.7	1007.1	..	31.5	22.3	16.6	18.9	43	..	2.1	..	19.6	0	19	12	01	1	0	0	0	1	15	13	0	0
	1730	14	1007.8	1006.2	-0.9	29.8	21.7	16.8	19.1	47	- 3	1.4	+0.2	19.7	0	16	15	02	0	0	0	0	0	10	19	0	0
	2030	14	1009.6	1007.9	..	26.4	21.0	17.7	20.2	60	..	0.7	..	12.0	0	4	26	05	2	0	1	0	0	5	17	1	0
	2330	14	1010.5	1008.8	..	27.4	20.0	19.3	22.4	85	..	0.7*	..	12.0	1	1	18	08	5	2	1	0	0	0	4	10	0
BOMBAY	0830	11	1011.0	1009.8	-0.9	25.1	20.9	17.9	20.5	67	- 5	1.5	+0.2	7.6	0	1	30	10	3	9	4	0	0	1	4	0	0
	1130	11	1011.8	1010.6	..	30.0	22.3	17.3	19.7	49	..	1.0	..	9.9	0	5	26	03	2	4	1	0	1	5	13	0	2
	1730	11	1008.1	1006.9	-0.7	28.7	22.9	19.8	23.1	59	- 4	1.1	+0.2	14.3	0	5	26	06	0	0	0	0	0	8	17	0	0
ALIBAG	0830	7	1011.1	1010.3	-1.1	25.2	20.9	18.2	20.9	66	- 5	1.4	+0.2	4.1	0	0	25	06	13	4	1	0	0	0	1	6	0
BHIRA	0830	96	1010.6	999.7	..	23.4	18.3	14.6	16.6	60	..	1.0	..	2.2	0	0	15	00	4	3	4	1	0	2	1	16	0
	1730	96	1007.4	996.9	..	34.8	21.9	12.9	14.9	27	..	1.4	..	2.2	0	0	26	00	1	0	0	0	21	1	3	5	0
HARNAI	0830	20	1010.6	1008.5	-0.6	26.3	21.5	18.5	21.3	65	- 4	0.6	-1.1	7.3	0	2	16	05	2	7	1	1	1	0	1	13	0
	1730	20	1008.3	1006.0	-0.3	28.3	24.9	23.5	28.9	75	+ 0	0.0	-1.7	27.1	0	21	8	03	0	0	0	0	0	5	21	2	0
RATNAGIRI	0830	35	1010.7	1006.7	-0.9	25.3	20.8	18.1	20.8	66	- 8	2.1	+0.1	4.6	0	0	29	01	2	11	10	0	0	1	1	2	3
	1730	35	1007.4	1003.5	-0.8	29.5	24.0	21.2	25.2	62	- 2	2.2	+0.3	9.6	0	1	30	03	0	0	0	0	1	14	13	0	0
DEVGARH	0830	36	1010.6	1006.6	-1.1	25.4	21.6	19.3	22.4	70	- 7	1.9	-0.6	7.9	0	1	30	04	7	17	2	0	0	0	1	0	0
	1730	36	1007.3	1003.3	-1.2	29.8	24.6	22.1	26.6	63	- 5	1.5	-0.4	27.7	0	24	7	00	0	0	0	0	1	11	19	0	0
VENGURLA	0230	9	1009.2	1008.2	..	23.5	21.3	20.1	23.5	81	..	0.2	..	1.6	0	0	11	06	0	0	0	0	0	0	5	20	0
	0530	9	1008.8	1007.8	..	22.3	20.7	19.8	23.1	86	..	0.4	..	1.7	0	0	12	09	1	1	1	0	0	0	0	19	0
	0830	9	1011.3	1010.3	-0.8	26.4	22.2	19.9	23.2	68	- 7	1.1	-0.8	3.8	0	0	23	08	1	6	1	3	0	2	2	8	0
	1130	9	1011.1	1010.1	..	31.5	23.7	19.4	22.5	51	..	1.0	..	6.2	0	0	30	03	0	2	0	2	10	9	4	1	0
	1730	9	1007.3	1006.3	-1.4	30.0	24.1	21.1	25.0	60	- 2	1.3	-0.3	7.9	0	0	31	00	0	0	0	0	2	17	12	0	0
	2330	9	1010.1	1009.1	..	25.1	22.2	20.6	24.3	76	..	0.4	..	2.7	0	0	14	06	0	0	0	0	0	0	8	17	0
PANJIM	0530	60	1008.3	1001.4	..	23.7	21.5	20.3	23.8	82	..	1.0	..	7.7	0	0	29	04	9	10	3	1	0	0	2	2	0
	0830	60	1010.5	1003.7	..	25.1	21.8	20.1	23.5	74	..	2.0	..	7.8	0	1	28	02	10	14	0	1	1	0	1	2	0
	1130	60	1010.6	1003.9	..	31.3	23.0	18.2	20.9	47	..	1.8	..	12.6	0	4	27	01	1	2	3	2	8	11	3	0	0
	1430	60	1007.6	1000.9	..	31.6	23.8	19.6	22.8	50	..	1.9	..	22.5	0	20	11	02	0	0	0	1	10	11	7	0	0
	1730	60	1006.7	999.9	..	29.8	23.9	20.9	24.7	60	..	2.0	..	18.2	0	14	17	01	0	0	0	0	4	15	11	0	0
	2030	60	1008.7	1001.9	..	27.3	23.4	21.5	25.6	71	..	1.0	..	11.3	0	4	26	09	0	0	0	0	2	1	18	1	0
	2330	60	1009.6	1002.8	..	26.1	22.8	21.5	25.6	74	..	0.6	..	7.0	0	0	30	13	6	3	0	0	1	0	7	1	0
MORMUGAO	0530	62	1008.1	1001.1	..	25.1	22.3	20.7	24.4	77	..	1.5	..	10.2	0	5	23	07	9	3	5	2	2	0	0	3	0
	0830	62	1010.3	1003.4	-1.4	26.6	22.7	20.6	24.3	70	- 3	1.7	-0.7	10.1	0	1	29	03	7	11	5	2	1	0	1	1	0
	1130	62	1010.4	1003.5	..	29.4	23.5	20.3	23.8	59	..	1.5	..	14.3	0	6	24	02	1	0	0	5	7	6	9	1	0
	1730	62	1006.5	999.6	-1.7	29.0	24.4	22.1	26.6	67	- 2	2.1	+0.1	22.8	0	15	16	02	0	0	0	0	8	12	9	0	0
DABOLIM (NAVAL AIR STN.)	0530	52	1008.5	1002.6	..	24.3	21.9	20.7	24.4	81	..	1.1	..	8.6	0	3	16	04	7	2	3	2	1	0	0	12	0
	0830	52	1010.9	1005.1	..	26.4	22.3	20.0	23.4	69	..	2.0	..	10.2	0	3	21	02	5	5	5	5	1	0	1	7	0
	1130	52	1011.0	1005.3	..	30.0	23.3	19.5	22.7	54	..	1.5	..	17.3	0	4	27	03	1	0	1	0	8	10	6	0	2
	1730	52	1007.1	1001.3	..	29.3	24.0	21.2	25.2	62	..	1.9	..	24.3	0	15	16	04	1	0	0	0	1	9	16	0	0
	2330	52	1009.7	1003.9	..	26.6	23.1	21.4	25.5	73	..	1.4	..	11.6	0	6	16	15	3	2	0	0	0	0	2	9	0
MADHYA MAHARASHTRA																											
NANDURBAR	0830	206	1011.7	988.1	-1.2	25.7	18.7	13.1	15.1	49	+ 3	0.0	-0.9	..	..	..	..	..	..	..	..	..	..	..	..	..	..

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – MARCH, 1968 (PHALGUNA 11, 1889 - CHAITRA 11, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations													
			At mean sea level or lat. in gm. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction										
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA MAHARASHTRA (CONTD.)																												
NANDURBAR	1730	206	1007.0	984.6	-0.2	34.1	20.7	11.2	13.3	26	+ 6	0.0	-1.2	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
JALGAON	0830	201	1012.1	989.1	+0.3	22.8	15.3	7.8	10.6	43	+ 5	0.8	-0.2	11.6	0	5	23	01	4	7	3	0	3	7	3	3	0
	1730	201	1006.2	984.2	-0.2	35.1	18.8	4.9	6.5	18	+ 5	2.1	+0.6	10.0	0	0	30	01	2	2	4	2	3	14	2	1	0
MALEGAON	0830	437	1012.8	963.4	+0.3	22.6	16.4	11.5	13.6	51	+16	0.5	-0.6	5.7	0	0	27	02	2	1	0	4	2	4	12	4	0
	1730	437	1006.1	959.3	+0.5	34.0	22.4	15.3	17.4	33	+15	1.4	-0.5	10.8	0	4	27	02	5	2	4	3	4	4	7	0	0
OZAR	0230	608	977.7	941.7	..	18.4	12.6	6.8	9.9	50	..	0.9	..	8.0	0	2	20	01	0	2	0	2	3	9	5	9	0
	0530	608	1010.8	941.8	..	16.6	12.0	7.2	10.1	57	..	0.8	..	7.7	0	2	22	00	1	1	3	1	0	13	5	7	0
	0830	608	1011.7	943.9	..	22.0	15.3	9.6	11.9	49	..	1.0	..	8.9	0	4	21	01	3	5	2	1	3	5	5	6	0
	1130	608	1010.0	944.0	..	29.6	17.9	8.7	11.2	30	..	1.1	..	14.1	0	8	21	00	2	3	9	3	3	7	0	2	2
	1430	608	1006.4	941.2	..	32.5	18.4	7.6	10.4	23	..	2.6	..	15.7	0	11	19	00	2	4	5	2	4	11	2	1	0
	1730	608	1005.9	940.2	..	31.5	17.9	6.9	9.9	25	..	2.2	..	17.0	0	15	13	01	2	5	3	1	0	8	8	3	0
	2030	608	1008.8	942.0	..	25.5	15.8	7.7	10.5	35	..	1.5	..	16.0	0	11	16	02	0	1	2	1	0	11	10	4	0
	2330	608	1010.7	942.8	..	21.3	13.9	7.1	10.1	43	..	0.9	..	11.4	0	1	27	01	2	1	0	0	0	13	11	3	0
AHMADNAGAR	0830	657	1012.4	939.1	+0.0	20.9	13.5	6.0	9.3	43	+ 9	1.2	+0.2	5.7	0	1	19	00	1	0	4	1	3	0	11	11	0
	1730	657	1004.6	934.7	-0.3	33.5	18.0	5.1	8.8	19	+ 2	2.4	+0.3	10.2	0	3	24	00	4	0	4	1	3	0	15	4	0
POONA AERODROME	0230	593	1009.6	943.3	..	21.1	15.1	10.4	12.6	52	..	0.4	..	6.4	0	0	21	00	1	1	0	0	0	17	2	10	0
	0530	593	1009.9	943.1	..	19.1	13.7	9.0	11.5	54	..	0.7	..	6.3	0	2	14	00	4	2	0	0	0	8	2	15	0
	0830	593	1011.3	945.1	..	22.3	15.3	9.5	11.9	46	..	1.7	..	7.8	0	3	14	00	4	4	0	0	1	7	1	14	0
	1130	593	1009.9	945.4	..	29.9	17.5	7.5	10.4	27	..	1.8	..	15.5	0	7	20	01	1	8	8	1	0	8	0	4	0
	1730	593	1004.9	941.3	..	32.6	17.7	5.0	8.7	19	..	2.5	..	24.0	0	16	15	00	0	9	4	0	0	17	1	0	0
	2330	593	1010.2	944.2	..	22.8	15.9	10.6	12.8	49	..	1.1	..	12.9	0	0	30	00	0	2	0	0	1	23	3	1	1
POONA	0530	559	1010.7	947.3	..	17.6	13.4	9.9	12.2	62	..	0.6	..	0.5	0	0	3	00	0	1	0	0	0	2	0	28	0
	0830	559	1012.0	949.5	-0.3	22.1	15.8	11.0	13.1	51	+ 7	1.8	+0.9	2.1	0	0	9	00	0	5	0	0	0	3	1	22	0
	1130	559	1010.3	949.4	..	30.2	18.0	8.7	6.5	29	..	1.8	..	8.4	0	1	29	01	2	8	6	2	2	6	3	1	0
	1430	559	1006.2	946.3	..	33.6	19.0	8.5	11.1	23	..	2.6	..	7.5	0	1	22	01	1	7	3	1	1	8	1	8	0
	1730	559	1005.3	945.3	-0.3	33.0	18.9	8.8	11.3	24	+ 4	2.5	+0.7	9.6	0	1	26	01	0	5	3	0	0	12	6	4	0
	2030	559	1008.7	947.4	..	27.2	17.8	11.1	13.2	38	..	1.1	..	6.1	0	0	22	00	0	0	0	0	0	19	3	9	0
	2330	559	1010.6	948.3	..	23.3	16.4	11.3	13.4	48	..	0.9	..	1.9	0	0	8	00	0	2	0	0	0	4	2	23	0
JEUR	0830	521	1011.2	953.2	-0.4	23.6	15.2	8.6	11.2	40	- 2	1.4	+0.2	6.8	0	2	29	08	4	5	3	3	0	2	6	0	0
	1730	521	1004.4	948.7	-0.3	34.3	18.7	6.4	9.6	20	- 4	3.1	+0.8	11.4	0	7	24	07	3	4	7	3	2	5	5	0	0
BARAMATI	0830	551	1011.8	950.3	-0.6	22.6	16.2	11.2	13.3	51	+ 6	1.1	+0.0	6.6	0	1	23	02	2	2	5	1	2	3	7	7	0
	1730	551	1004.6	945.7	-0.5	33.8	20.3	11.4	13.5	28	+ 6	2.1	+0.0	11.5	0	4	26	04	0	6	2	3	4	5	6	1	0
SHOLAPUR	0530	479	1009.4	955.7	..	21.8	15.1	9.7	12.0	48	..	0.7	..	5.8	0	0	23	01	7	2	6	2	1	0	4	8	0
	0830	479	1011.5	958.2	-0.1	24.9	16.4	9.8	12.1	41	+ 5	1.4	+0.3	5.0	0	1	22	00	10	0	9	0	2	0	2	8	0
	1130	479	1009.8	957.8	..	32.1	19.1	9.7	12.0	27	..	1.1	..	10.2	0	3	28	02	7	1	10	3	5	0	3	0	0
	1430	479	1005.6	954.3	..	35.3	20.1	9.7	13.0	22	..	2.1	..	8.7	0	1	28	05	2	1	9	2	5	1	4	2	0
	1730	479	1004.4	953.2	-0.4	35.0	19.8	9.4	11.8	22	+ 3	2.4	+0.0	7.0	0	0	31	02	2	1	10	0	8	0	8	0	0
	2330	479	1009.2	956.3	..	26.6	16.7	8.8	11.3	36	..	1.6	..	8.7	0	2	25	05	9	2	4	1	1	2	3	4	0
MIRAJ	0830	554	1011.3	949.7	-0.4	23.4	17.3	13.3	15.3	54	+ 0	1.8	+0.7	1.2	0	0	7	00	0	5	0	0	0	2	0	24	0
	1730	554	1004.2	945.2	-0.4	34.4	20.7	12.1	14.1	26	+ 1	2.9	+0.6	2.3	0	0	16	00	0	7	0	0	0	8	1	15	0
KOLHAPUR	0530	570	1009.2	945.4	..	20.1	15.5	12.2	14.2	62	..	0.5	..	6.1	0	0	19	01	4	8	0	1	0	4	1	12	0
	0830	570	1011.1	947.5	-1.0	22.4	16.2	12.0	14.0	54	- 1	1.0	-0.3[b]	4.1	0	0	16	00	6	4	1	0	1	2	2	13	0
	1130	570	1009.8	948.1	..	30.7	18.4	9.6	11.9	29	..	1.6	..	13.5	0	5	25	02	7	11	6	0	0	1	3	1	0
	1730	570	1004.2	943.4	-0.8	33.6	19.0	8.5	11.1	23	- 3	2.3	+0.5	14.5	0	6	24	01	6	4	1	1	3	7	7	1	0
	2330	570	1009.5	946.4	..	24.0	17.8	13.7	15.7	54	..	0.9	..	8.6	0	1	29	02	3	1	0	0	0	14	10	1	0
NASIK	0830		..	..	..	22.5	16.1	11.4	13.5	50	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
MARATHWADA																												
AURANGABAD	0830	581	1012.4	947.7	+0.0	22.9	14.8	7.2	10.1	41	+ 8	1.2	+0.1	6.6	0	2	16	01	6	4	1	0	2	3	1	13	0
	1730	581	1005.9	943.5	-0.1	32.5	17.4	4.0	8.1	20	+ 2	2.7	+0.7	9.5	0	3	24	01	1	1	4	4	3	8	5	4	0
AURANGABAD (CHIKALTHAN)	0230	579	1009.7	944.6	..	19.6	13.8	8.6	11.2	53	..	1.4	..	5.4	0	1	12	03	2	0	0	0	0	6	2	18	0
	0530	579	1010.5	944.8	..	17.6	12.7	7.9	10.7	57	..	1.0	..	3.9	0	0	10	00	0	1	0	0	0	7	2	21	0
	0830	579	1011.5	947.1	-0.4	23.5	15.8	9.1	11.5	45	+ 8	1.4	+0.4	8.9	0	1	22	03	0	1	2	0	1	10	6	8	0
	1130	579	1010.4	947.3	..	29.5	18.6	10.4	12.6	36	..	1.3	..	15.4	0	5	26	02	3	2	7	4	4	5	4	0	0
	1430	579	1006.6	944.3	..	32.2	19.6	10.2	12.4	30	..	2.5	..	14.8	0	4	27	03	3	4	3	3	2	6	4	0	3
	1730	579	1005.4	943.1	-0.3	32.2	19.5	10.0	12.3	30	+ 6	2.5	+0.4	14.5	0	4	26	00	1	1	5	2	1	13	7	1	0
	2030	579	1008.8	944.9	..	25.1	16.4	9.1	11.5	40	..	1.6	..	5.7	0	0	16	02	3	0	1	0	0	5	5	15	0
	2330	579	1010.4	945.7	..	21.7	14.8	8.8	11.3	47	..	1.4	..	5.2	0	1	11	02	0	2	0	0	0	5	3	19	0
PARBHANI	0830	423	1012.1	964.5	-0.3	23.2	15.9	8.7	11.2	45	+11	1.0	-0.3	5.0	0	0	24	01	0	3	4	3	1	9	3	7	0
	1730	423	1006.1	959.8	-0.4	33.5	20.7	10.5	12.7	30	+12	2.1	-0.2	6.8	0	1	23	01	1	7	2	0	1	7	5	7	0
NANDER	0830	358	1012.2	971.4	..	23.2	17.3	12.5	14.5	54	..	0.5	..	3.5	0	0	19	00	9	0	2	1	4	0	3	12	0

TABLE III – SUMMARY OF OBSERVATIONS AT FIXED HOURS – MARCH ,1968 (PHALGUNA 11,1889 – CHAITRA 11,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry Bulb	Mean temperature in °C: Wet Bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	Wind Speed (Km. p. h.): 62 or more	Wind Speed (Km. p. h.): 20 to 61	Wind Speed (Km. p. h.): 1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MARTWADA (CONTD.)																											
NANDER	1730	358	1007.0	968.1	..	32.9	21.4	13.9	15.9	34	..	1.3	..	1.9	0	0	13	00	8	0	0	0	3	0	2	18	0
BIR	0830	519	1012.4	954.3	..	22.4	16.6	12.2	14.2	56	..	1.5	..	4.6	0	1	19	00	1	0	8	2	4	0	5	11	0
	1730	519	1006.3	950.3	..	32.7	20.5	11.8	13.8	33	..	2.1	..	6.4	0	1	26	00	6	0	7	1	2	0	11	4	0
VIDARBHA																											
GONDIA	0830	313	1012.2	976.6	-0.4	22.9	18.1	14.7	16.9	63	+19	1.5	-0.2	2.3	0	0	19	03	2	1	1	5	5	0	2	12	0
	1730	313	1006.9	972.6	+0.1	31.6	19.3	9.4	12.3	29	+ 9	1.1	-0.9	2.0	0	0	18	05	1	0	0	1	2	7	2	13	0
NAGPUR(SONEGAON)	0230	310	1009.0	973.6	..	20.6	15.1	10.1	12.7	55	..	1.2	..	4.8	0	2	19	07	2	1	1	2	2	1	5	10	0
	0530	31	1009.7	974.1	..	19.0	14.4	10.1	12.7	60	..	1.6	—	3.5	0	0	16	05	0	0	1	0	2	1	7	15	0
	0830		1012.0	976.9	-0.2	23.7	16.9	11.2	13.7	49	+ 9	1.8	+0.1	4.3	0	1	20	03	7	2	1	1	2	1	4	10	0
	1130	310	1010.9	976.6	..	30.1	19.1	10.7	13.2	34	..	1.3	..	7.1	0	3	20	01	3	2	7	1	1	4	4	8	0
	1430	310	1007.2	973.2	..	32.8	19.4	8.6	11.6	26	..	1.8	..	8.0	0	2	26	03	1	4	4	1	2	7	6	3	0
	1730	310	1006.1	972.2	-0.1	32.4	18.9	7.5	10.9	25	+ 1	1.8	-0.6	7.8	0	1	24	00	1	6	2	2	7	3	4	6	0
	2030	310	1009.0	974.2	..	25.3	17.0	9.9	12.7	42	..	1.3	..	4.6	0	0	25	03	3	5	3	3	3	2	3	6	0
	2330	310	1009.7	974.6	..	22.4	15.7	9.5	12.3	48	..	1.1	..	4.6	0	2	14	01	2	1	0	1	1	4	6	15	0
AMRAOTI	0830	370	1011.4	969.8	-0.3	24.2	16.5	9.5	12.5	43	+10	1.4	+0.0	3.7	0	0	31	05	8	5	2	2	7	2	0	0	0
	1730	370	1006.0	965.8	+0.1	33.2	20.1	9.8	12.9	27	+ 2	1.9	-0.8	10.8	0	5	26	02	2	4	2	1	5	11	4	0	0
AKOLA AERODROME	0530	309	1008.9	973.5	..	20.2	13.6	5.8	10.3	45	..	1.1	..	10.1	0	2	28	01	8	5	1	2	7	2	4	1	0
	0830	309	1011.1	976.0	..	23.3	15.1	5.5	10.5	39	..	1.9	..	8.0	0	1	29	01	10	4	1	1	2	3	8	1	0
	1130	309	1010.4	976.3	..	30.8	18.1	5.3	10.4	26	..	1.6	..	8.5	0	1	28	02	3	1	5	3	2	4	9	2	0
	1430	309	1006.7	973.0	..	34.1	18.7	2.8	9.0	19	..	2.4	..	8.5	0	2	29	01	2	1	3	1	4	7	12	0	0
	1730	309	1005.3	971.7	..	34.0	18.4	2.7	8.5	18	..	2.5	..	9.0	0	1	30	03	3	3	1	1	2	4	14	0	0
	2030	309	1007.6	973.3	..	28.0	16.1	2.9	8.7	26	..	1.1	..	7.2	0	1	30	01	4	3	7	2	0	3	11	0	0
	2330	309	1008.8	974.0	..	24.8	15.1	4.3	9.3	34	..	1.1	..	10.0	0	1	29	00	3	4	4	7	3	1	8	1	0
AKOLA	0830	282	1011.7	979.8	+0.1	23.7	15.9	8.5	11.7	42	+ 8	1.6	+0.5	4.2	0	0	28	00	8	0	7	0	6	0	7	3	0
	1730	282	1006.1	975.4	+0.4	34.3	19.1	5.8	9.7	19	+ 1	2.1	+0.4	5.3	0	0	29	00	5	0	4	0	10	0	10	2	0
BRAHMAPURI	0830	229	1012.3	986.1	-0.6	22.2	17.5	13.8	16.2	62	+ 8	1.5	-0.4	5.7	0	1	27	08	1	2	5	10	0	2	0	3	0
	1730	229	1007.0	981.8	-0.6	32.7	19.6	8.8	12.2	27	+ 1	1.5	-0.6	3.5	0	0	25	05	2	1	3	4	5	2	3	6	0
BULDANA	0830	650	1011.4	939.3	+0.0	22.8	15.9	10.4	13.0	48	+ 6	1.7	+0.3	10.1	0	2	27	03	1	1	6	1	3	0	14	2	0
	1730	650	1006.1	936.2	+0.2	30.4	19.1	11.5	13.8	34	+ 7	2.5	+0.3	8.0	0	1	30	01	7	0	1	1	3	0	18	0	0
YEOTMAL	0830	451	1011.5	961.0	-0.2	24.6	15.8	7.0	10.9	38	+ 1	1.5	-0.8	7.4	0	0	29	03	3	6	6	2	2	4	3	2	0
	1730	451	1005.6	956.8	-0.2	32.7	18.1	3.8	8.9	21	- 3	1.8	-1.1	7.6	0	0	31	02	4	4	2	0	1	15	3	0	0
CHANDRAPUR	0830	193	1011.6	989.5	-0.4	23.2	17.9	14.1	16.2	59	+13	1.4	+0.0	4.6	0	1	25	03	4	5	5	4	2	0	3	5	0
	1730	193	1006.3	985.1	-0.2	33.5	19.9	9.4	12.1	25	+ 1	1.9	-0.2	7.2	0	2	24	02	8	4	2	0	3	4	3	5	0
PUSAD	0830	334	1013.1	975.2	..	22.8	15.8	8.7	12.3	47	..	1.6	..	2.6	0	0	20	00	3	0	5	0	2	0	10	11	0
	1730	334	1006.3	970.0	..	33.7	18.9	4.1	9.8	22	..	2.0	..	6.2	0	0	30	00	9	0	8	0	7	0	6	1	0
SIRONCHA	0830	123	1012.2	998.1	-0.4	25.1	20.1	17.4	19.5	64	+ 7	1.4	-0.3	1.6	0	0	19	03	1	7	6	2	0	0	0	12	0
	1730	123	1006.6	993.0	-0.2	35.0	21.7	13.0	15.1	29	+ 6	1.5	-0.5	2.0	0	0	27	06	5	1	4	4	2	3	2	4	0
WARDHA	0830	283	1011.7	979.7	..	24.4	16.7	9.6	12.8	44	..	1.2	..	4.1	0	0	31	10	10	3	1	1	2	2	2	0	0
	1730	283	1006.3	975.3	..	33.3	19.2	7.7	10.8	23	..	1.5	..	4.0	0	0	30	04	5	4	3	2	3	5	4	1	0
BHANDARA	0830		..	..	..	24.2	17.9	13.4	15.4	51	..	.	..	1.9	0	0	0	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	33.0	20.4	11.7	13.7	27	..	.	..	1.9	0	0	0	..	..	..	..	..	..	..	..	..	..
COASTAL ANDHRA PRADESH																											
KALINGAPATAM	0830	6	1011.4	1011.0	-0.4	27.1	24.0	22.4	27.3	74	- 5	1.4	-1.3[a]	9.2	0	1	27	08	0	0	0	4	5	3	7	2	1
	1730	6	1007.9	1007.3	-0.6	28.7	25.0	23.2	28.6	70	- 2	1.7	-1.2[a]	15.2	0	11	19	01	0	0	4	13	8	0	0	0	4
VISHAKHAPATNAM	0230	3	1009.4	1009.0	..	24.6	22.8	21.9	26.3	85	..	1.5	..	3.9	0	1	15	02	0	1	0	0	3	6	4	15	0
	0530	3	1009.8	1009.4	..	23.6	22.1	21.3	25.3	87	..	2.8	..	3.0	0	0	13	01	0	0	0	0	2	5	5	18	0
	0830	3	1012.0	1011.6	-0.4	27.9	23.5	21.3	25.3	68	- 6	2.6	+0.5	8.1	0	3	26	02	1	1	0	1	10	7	7	2	0
	1130	3	1011.2	1010.8	..	32.8	24.6	20.5	24.3	49	..	2.6	..	1.8	0	12	19	02	1	3	5	10	9	1	0	0	0
	1430	3	1008.3	1007.9	..	32.8	24.5	20.3	24.0	49	..	2.6	..	24.6	0	26	5	00	1	4	6	10	10	0	0	0	0
	1730	3	1008.3	1007.9	-0.6	29.6	24.1	21.3	25.5	62	- 9	3.1	+0.9	16.9	0	7	24	01	0	3	4	9	14	0	0	0	0
	2030	3	1010.4	1010.0	..	27.2	24.2	22.7	27.7	77	..	2.0	..	8.6	0	3	25	01	0	2	2	4	16	2	1	3	0
	2330	3	1010.7	1010.3	..	25.9	23.7	22.5	27.6	82	..	2.0	..	4.9	0	0	19	00	0	1	0	0	9	5	4	12	0
KAKINADA	0830	8	1012.2	1011.2	-0.7	28.3	24.0	21.7	26.3	68	- 5	2.3	+0.0	7.1	0	0	31	01	6	0	5	0	18	0	1	0	0
	1730	8	1007.8	1007.3	-0.5	31.6	24.4	20.9	24.7	55	- 7	1.8	+0.5	10.3	0	0	31	00	0	0	29	1	1	0	0	0	0
NIDADAVOLE	0830	12	1012.0	1010.7	-1.1	26.5	23.5	21.9	26.4	76	+ 0	3.3	-0.5	3.3	0	0	31	12	2	10	1	3	1	2	0	0	0
	1730	12	1007.9	1006.5	-1.3	31.4	23.6	19.4	22.8	50	- 2	2.6	+0.0	3.5	0	0	31	00	0	1	5	25	0	0	0	0	0
RENTACHINTALA	0830	106	1011.5	999.5	-0.1	27.4	22.2	19.4	22.5	63	+ 0	2.3	+0.1	0.9	0	0	13	01	0	0	0	6	1	5	0	18	0
	1730	106	1006.4	994.8	-0.1	35.5	23.2	16.0	18.3	32	+ 4	3.1	+0.8	1.7	0	0	21	00	0	0	0	1	0	20	0	10	0
GANNAVARAM	0230	24	1009.1	1006.3	..	23.7	22.2	21.4	25.6	87	..	1.4	..	3.5	0	0	17	06	0	3	3	3	2	0	0	14	0
	0530	24	1009.7	1006.9	..	23.3	22.2	21.6	25.9	90	..	2.5	..	3.7	0	0	16	04	0	8	3	1	0	0	0	15	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – MARCH 1968 (PHALGUNA 11, 1889 - CHAITRA 11, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
COASTAL ANDHRA PRADESH																											
GANNAVARAM	0830	24	1012.0	1009.3	-0.4	26.8	23.8	22.4	27.1	77	+ 1	3.9	+1.1	7.9	0	2	27	03	1	9	7	7	0	1	1	2	0
	1130	24	1011.4	1008.6	..	32.0	23.4	18.9	21.7	46	..	2.1	..	12.3	0	3	28	01	1	5	4	17	2	1	0	0	0
	1430	24	1008.0	1005.4	..	34.5	23.0	16.1	18.8	35	..	2.7	..	14.3	0	4	27	00	1	7	5	16	2	0	0	0	0
	1730	24	1007.6	1004.9	-1.4	32.2	22.6	16.8	19.6	42	- 2	2.3	+0.7	14.1	0	6	25	00	1	2	13	15	0	0	0	0	0
	2030	24	1009.8	1007.1	..	27.0	22.8	20.6	24.3	69	..	1.2	..	8.4	0	0	29	01	0	2	8	18	0	0	0	2	0
	2330	24	1010.4	1007.7	..	25.1	23.0	22.0	26.3	83	..	0.8	..	4.9	0	1	16	01	0	3	4	7	2	0	0	14	0
MASULIPATAM	0830	3	1012.1	1011.8	-0.3	26.3	24.0	22.9	27.9	81	+ 3	3.5	+0.8	3.2	0	0	26	06	0	5	2	4	6	0	3	5	0
	1730	3	1008.3	1008.0	-0.5	29.3	24.2	21.7	25.9	64	- 3	3.1	+1.9	5.1	0	0	31	00	0	12	10	4	1	0	0	0	4
ONGOLE	0830	12	1010.8	1009.5	-1.5	27.1	24.5	23.1	28.6	77	- 2	0.3	-2.0	2.0	0	0	31	02	12	2	3	2	4	2	4	0	0
	1730	12	1007.0	1005.7	-1.4	31.1	25.9	23.6	29.1	65	- 7	0.7	-0.8	1.9	0	0	30	00	11	1	17	1	0	0	0	1	0
NELLORE	0530	20	1009.5	1007.3	..	23.6	22.9	22.5	27.3	94	..	3.1	..	2.3	0	0	18	00	3	10	4	0	0	1	0	13	0
	0830	20	1011.4	1009.1	-0.8	27.1	24.3	22.9	28.1	78	+ 4	4.2	+1.9	4.3	0	0	31	00	3	3	18	0	0	0	7	0	0
	1130	20	1011.1	1008.9	..	32.1	25.6	22.5	27.6	58	..	3.6	..	7.3	0	0	31	01	5	7	13	1	2	2	0	0	0
	1430	20	1008.3	1006.0	..	33.4	26.0	22.5	27.6	54	..	3.0	..	8.1	0	0	31	00	5	13	11	0	0	2	0	0	0
	1730	20	1007.7	1005.6	-0.4	30.1	25.5	23.5	28.9	66	+ 7	3.2	+1.2	9.1	0	0	31	00	6	2	23	0	0	0	0	0	0
	2330	20	1010.4	1008.1	..	25.8	24.3	23.7	29.3	89	..	3.0	..	3.3	0	0	23	00	2	14	6	0	1	0	0	8	0
VISHAKHAPATNAM (SOLAR)	0830	66	1011.7	1004.3	..	27.5	22.3	19.5	22.7	64	..	3.9	..	4.5	0	0	22	01	1	3	0	0	11	5	1	9	0
TELANGANA																											
RAMGUNDAM	0830	156	1011.8	994.1	-0.2	26.0	19.5	14.6	17.4	53	+ 1	1.4	-0.7	4.3	0	0	29	07	6	1	3	9	0	3	0	2	0
	1730	156	1006.3	989.2	-0.1	35.1	21.2	11.8	13.8	27	+ 4	1.1	-1.4	3.9	0	0	28	07	4	2	3	4	2	5	1	3	0
NIZAMABAD	0830	381	(R)																								
	1730	381	(R)																								
HANAMKONDA	0830	269	1011.5	981.4	-0.3	25.0	20.4	17.3	20.2	66	+ 0	1.3	-0.7	1.6	0	0	24	04	0	1	4	14	1	0	0	7	0
	1730	269	1006.6	978.0	+0.5	34.3	20.5	10.3	12.6	25	+ 0	0.4	-1.4	1.5	0	0	29	12	1	0	10	2	0	1	3	2	0
HAKIMPET AERODROME	0530	613	1009.6	941.5	..	21.8	16.4	12.2	14.5	58	..	1.7	..	8.1	0	1	23	01	4	5	6	4	0	0	4	7	0
	0830	613	1010.7	943.7	..	25.5	18.3	13.4	15.8	50	..	2.5	..	13.3	0	11	20	01	3	5	8	4	3	3	4	0	0
	1130	613	1009.6	943.3	..	30.1	19.2	11.8	14.3	34	..	1.9	..	18.3	0	9	22	03	5	3	9	2	4	3	1	0	1
	1730	613	1006.3	940.2	..	31.9	19.2	9.9	12.9	27	..	2.3	..	13.9	0	1	30	02	6	10	7	2	0	1	2	0	1
	2330	613	1009.1	941.7	..	25.6	17.6	11.6	14.3	44	..	1.1	..	9.0	0	1	23	01	5	6	9	1	0	0	2	7	0
BHADRACHALLAM	0830	111	1011.1	998.6	-1.6	26.1	22.2	20.1	23.5	70	- 2	2.0	-0.9	4.0	0	0	31	00	20	0	8	0	3	0	0	0	0
	1730	111	1005.9	993.9	-1.0	35.8	21.7	12.3	14.5	26	- 2	2.6	+0.0	3.6	0	0	31	00	28	0	3	0	0	0	0	0	0
HYDERABAD (BEGAMPET)	0230	545	1008.8	948.3	..	22.9	17.0	12.9	15.1	55	..	1.2	..	4.1	0	0	21	02	6	4	6	2	1	0	0	10	0
	0530	545	1009.6	948.7	..	21.1	16.1	12.4	14.7	60	..	1.6	..	3.2	0	0	17	03	4	2	6	1	1	0	0	14	0
	0830	545	1011.5	951.1	-0.2	24.6	17.5	12.3	14.8	50	- 4	2.5	+0.9	7.4	0	3	21	03	4	3	5	3	1	1	4	7	0
	1130	545	1009.9	950.9	..	31.2	18.7	9.4	12.3	29	..	1.9	..	13.8	0	6	25	03	5	2	9	3	5	3	1	0	0
	1730	545	1005.3	946.9	-0.1	32.9	18.8	8.2	12.2	24	- 6	2.6	+0.5	9.3	0	1	29	02	3	7	11	4	0	0	3	1	0
	2330	545	1009.5	949.4	..	25.1	17.5	12.3	14.5	47	..	1.4	..	5.3	0	0	21	03	3	2	10	3	0	0	0	10	0
KHAMMAM	0830	112	1011.7	999.1	-0.3	26.2	22.7	20.6	24.7	74	- 1	2.5	-0.6	3.2	0	0	23	00	0	8	13	2	0	0	0	8	0
	1730	112	1006.5	994.2	-0.6	35.2	22.7	15.2	17.4	34	+ 2	3.1	+1.1	1.2	0	0	14	02	1	5	0	3	0	3	0	17	0
MAHBUBNAGAR	0830	505	1010.5	954.9	-0.6	27.1	18.4	12.5	14.1	44	- 5	2.1	+0.5	6.8	0	1	23	02	4	9	2	1	4	0	2	7	0
	1730	505	1005.0	950.7	-0.7	33.3	18.9	7.9	10.1	23	- 3	3.1	+1.4	7.2	0	0	30	01	2	11	5	4	2	2	3	1	0
RAYALASEEMA																											
KURNOOL	0830	281	1011.3	979.1	-0.7	27.9	19.5	14.3	16.5	47	- 1	2.3	+0.9	4.6	0	0	30	00	11	0	8	0	10	0	1	1	0
	1730	281	1005.6	975.1	+0.2	34.9	20.4	9.4	12.2	23	+ 2	3.4	+1.3	5.7	0	0	28	00	3	0	18	0	2	0	3	3	2
NANDYAL	0830	212	1010.8	986.9	..	26.3	21.2	18.0	21.0	62	..	2.2	..	4.5	0	0	16	00	0	3	2	5	4	2	0	15	0
	1730	212	1005.5	982.3	..	34.0	22.8	15.9	18.6	35	..	2.5	..	11.2	0	6	24	01	1	15	3	6	0	1	3	1	0
ANANTAPUR	0530	350	1008.7	969.3	..	23.1	18.5	15.3	17.6	63	..	1.3	..	4.5	0	0	15	00	0	7	2	2	2	1	1	16	0
	0830	350	1010.8	971.8	-0.4	26.1	20.1	16.2	18.6	56	+ 9	2.2	+1.0	5.2	0	1	18	00	3	1	3	4	4	3	1	12	0
	1130	350	1009.7	971.4	..	31.8	20.4	12.4	14.7	32	..	2.0	..	9.7	0	3	27	01	7	7	4	5	2	3	1	1	0
	1430	350	1005.8	967.9	..	34.6	20.5	9.9	12.7	23	..	2.5	..	9.6	0	3	24	00	12	9	4	0	2	0	0	4	0
	1730	350	1004.7	966.9	-0.4	34.4	20.3	9.6	12.3	23	+ 4	2.7	+0.8	10.5	0	5	20	01	8	10	4	0	1	0	1	6	0
	2030	350	1007.3	968.9	..	30.3	19.6	11.8	14.1	34	..	1.6	..	9.4	0	6	16	00	2	17	3	0	0	0	0	9	0
	2330	350	1008.8	970.0	..	27.6	19.3	13.0	15.7	44	..	1.0	..	12.5	0	7	17	00	2	11	10	0	0	1	0	7	0
CUDDAPAH	0830	130	1011.3	996.7	-0.4	28.7	21.8	17.8	20.5	53	+ 0	1.6	+0.3	1.7	0	0	13	00	0	9	3	0	0	1	0	18	0
	1730	130	1006.2	991.9	+0.0	34.8	22.2	14.3	16.5	31	- 5	2.4	+0.5	4.3	0	0	22	00	0	19	3	0	0	0	0	9	0
AROGYAVARAM	0830	701	1011.1	934.1	-0.7	23.9	20.2	18.1	21.0	71	+12	2.7	+0.8	5.4	0	0	28	00	2	0	16	4	5	0	1	3	0
	1730	701	1005.2	930.4	-0.6	30.7	23.5	20.1	23.7	54	+28	5.1	+2.7	10.5	0	0	31	01	10	4	15	0	0	0	1	0	0
MADRAS STATE (INCLUDING PONDICHERRY)																											
MADRAS	0830	6	1011.5	1010.8	-0.7	27.3	24.4	23.1	28.3	78	+ 3	3.8	+0.7	3.5	0	0	19	02	2	3	0	2	6	4	0	12	0
	1730	6	1008.2	1007.5	..	28.5	24.8	23.0	28.3	73	..	3.6	..	8.0	0	0	30	00	5	11	13	0	1	0	0	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1968 (PHALGUNA 11, 1889 - CHAITRA 11, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gms. of normal standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADRAS STATE (INCLUDING PONDICHERRY)																											
MADRAS (MINAMBAKKAM)	0230	16	1009.2	1007.4	..	24.9	23.2	22.4	26.9	86	..	2.4	..	2.1	0	0	8	00	0	0	3	3	0	2	0	23	0
	0530	16	1009.4	1007.6	..	24.1	22.8	22.1	26.6	89	..	2.6	..	1.3	0	0	5	00	1	0	0	2	1	1	0	26	0
	0830	16	1011.7	1009.9	-0.7	27.1	24.0	22.4	27.3	76	- 1	4.1	+1.4	6.0	0	0	21	04	0	2	1	7	2	3	2	10	0
	1130	16	1011.3	1009.5	..	31.6	24.0	20.1	23.7	51	..	4.2	..	13.4	0	1	29	00	1	14	3	7	3	2	0	1	0
	1430	16	1008.5	1006.8	..	32.2	24.3	20.2	23.8	50	..	3.9	..	14.4	0	5	26	01	3	17	5	5	0	0	0	0	0
	1730	16	1008.3	1006.5	-0.6	29.7	24.3	21.7	25.9	62	- 2	3.6	+1.7	13.4	0	3	28	00	4	15	11	1	0	0	0	0	0
	2030	16	1010.4	1008.7	..	27.0	23.9	22.4	27.3	76	..	2.3	..	8.4	0	3	23	01	2	14	7	2	0	0	0	5	0
	2330	16	1010.9	1009.1	..	26.0	23.7	22.6	27.4	82	..	2.2	..	6.3	0	0	22	00	1	9	5	7	0	0	0	9	0
VELLORE	0530	214	1009.8	985.4	..	22.3	21.1	20.4	24.1	89	..	3.1	..	1.2	0	0	8	00	0	4	3	1	0	0	0	23	0
	0830	214	1011.9	987.7	-0.3	25.0	22.0	20.[illegible]	24.0	76	+ 1	3.3	+0.7	2.6	0	0	17	02	2	0	1	4	2	3	3	14	0
	1130	214	1010.9	987.1	..	31.1	23.2	1[illegible]	22.0	49	..	3.8	..	5.5	0	0	25	05	6	3	2	8	1	0	0	6	0
	1730	214	1007.0	983.4	-0.2	32.1	23.2	16.[illegible]	21.1	45	+ 8	3.6	+1.3	9.5	0	0	31	00	6	11	12	2	0	0	0	0	0
	2330	214	1011.1	986.9	..	26.0	22.8	21.1	25.2	75	..	1.3	..	3.1	0	0	18	01	2	4	8	3	0	0	0	13	0
TAMBARAM AERODROME	0830	29	1011.3	1008.0	..	27.7	24.6	23.2	28.3	77	..	3.7	..	11.5	0	6	17	04	1	2	1	6	4	1	4	8	0
	1730	29	1008.3	1005.1	..	30.5	24.5	21.5	25.8	60	..	3.5	..	23.2	0	20	11	00	6	10	11	4	0	0	0	0	0
TIRUPPATTUR	0830	390	1011.8	967.7	-1.0	23.5	21.7	20.9	24.4	85	+11	6.5	+3.0	4.2	0	0	30	11	0	0	0	19	0	0	0	1	0
	1730	390	1006.6	963.4	-0.8	26.5	23.1	21.4	25.5	75	+38	7.3	+3.9	9.0	0	0	30	12	0	0	0	18	0	0	0	1	0
METTUR DAM R.S.	0830		..	..	..	27.8	22.1	1[illegible]	22.0	58	..	3.5	..	3.8	0	0	29	00	13	0	4	0	5	0	7	2	0
	1730		..	..	..	34.8	21.8	1[illegible]	15.5	28	..	4.8	..	7.9	0	0	30	00	12	0	10	0	6	0	2	1	0
CUDDALORE	0530	12	1009.2	1007.8	..	23.6	22.2	22.0	25.6	91	..	3.3	..	1.2	0	0	9	01	3	0	5	0	0	0	0	22	0
	0830	12	1011.1	1009.8	-1.2	26.6	23.9	22.6	27.6	79	+ 0	4.2	+1.1	7.2	0	0	28	05	5	0	3	2	3	2	8	3	0
	1130	12	1011.3	1009.9	..	30.3	24.9	22.3	27.1	62	..	4.5	..	9.7	0	0	31	01	13	2	8	3	3	0	1	0	0
	1430	12	1008.4	1007.1	..	30.3	24.9	22.3	27.1	63	..	3.8	..	12.9	0	2	29	00	12	4	14	1	0	0	0	0	0
	1730	12	1008.2	1006.9	-0.4	28.3	24.5	22.6	27.6	70	+ 1	3.7	+0.8	9.7	0	0	31	00	11	7	13	0	0	0	0	0	0
	2330	12	1010.5	1009.1	..	26.7	23.9	22.5	27.4	78	..	2.2	..	5.0	0	0	18	00	9	2	7	0	0	0	0	13	0
KALLAKKURICHCHI	0830	127	1011.3	996.9	-1.1	25.8	23.6	22.5	27.3	82	+ 9	2.5	-0.2	0.3	0	0	1	00	0	0	0	0	0	0	1	30	0
	1730	127	1006.6	992.6	-0.6	32.3	25.4	22.3	26.9	57	+17	3.3	+0.8	5.4	0	0	21	00	10	7	4	0	0	0	0	10	0
SALEM	0530	278	1009.1	975.7	..	23.2	20.7	18.7	22.4	76	..	2.5	..	1.7	0	0	13	00	1	12	0	0	0	0	0	18	0
	0830	278	1011.1	979.9	-0.9	25.5	21.0	18.4	21.3	65	- 4	2.9	+1.0	1.3	0	0	10	00	0	7	1	0	1	0	0	21	1
	1130	278	1010.1	979.5	..	31.6	21.8	15.5	18.1	39	..	3.4	..	6.5	0	0	29	00	1	15	3	3	3	2	0	2	2
	1730	278	1005.4	975.2	-0.4	33.1	21.3	13.3	15.7	32	+ 0	3.4	+1.0	7.5	0	0	28	00	2	17	6	0	3	0	0	3	0
	2330	278	1010.0	978.9	..	26.7	21.5	18.6	21.4	62	..	2.6	..	9.1	0	0	28	00	0	27	0	1	0	0	0	3	0
COIMBATORE (PILAMEDU)	0530	399	1009.5	964.7	..	22.4	20.5	19.4	22.7	84	..	3.1	..	10.0	0	0	21	05	6	2	0	1	7	0	0	10	0
	0830	399	1011.4	966.8	-0.9	24.6	21.5	19.7	23.1	75	+ 6	3.8	+1.1	12.4	0	1	25	02	12	7	1	1	2	1	0	5	0
	1130	399	1010.3	966.6	..	29.5	21.8	17.2	19.7	49	..	3.7	..	13.0	0	3	23	02	9	8	3	0	3	0	1	5	0
	1430	399	1006.2	962.9	..	32.5	21.6	14.4	16.9	35	..	4.4	..	17.5	0	11	18	01	6	12	3	4	2	0	0	2	1
	1730	399	1005.4	962.2	-0.5	32.2	21.4	14.1	16.7	35	+ 6	4.4	+1.8	21.8	0	20	10	00	3	18	2	2	5	0	0	1	0
	2030	399	1008.4	964.5	..	28.0	21.2	16.8	19.6	54	..	3.0	..	20.1	0	15	16	00	1	14	4	5	7	0	0	0	0
	2330	399	1010.4	965.9	..	25.2	21.8	19.7	23.4	73	..	2.4	..	18.5	0	15	12	02	1	14	0	4	6	0	0	4	0
COIMBATORE	0830	409	1011.2	965.6	-0.7	25.5	21.4	19.0	22.1	68	+ 1	3.6	+0.9	4.5	0	0	31	00	26	1	0	2	1	0	1	0	0
NAGAPATTINAM	0830	9	1011.3	1010.2	-1.0	27.9	24.3	22.6	27.4	73	- 1	5.2	+1.5	12.6	0	9	22	02	13	4	1	3	5	1	2	0	0
	1730	9	1008.0	1006.9	-0.8	28.9	24.6	22.6	27.3	69	- 2	5.8	+3.0	19.6	0	19	12	01	11	6	10	2	1	0	0	0	0
TIRUCHCHIRAPPALLI	0230	88	1008.8	998.7	..	23.9	22.3	21.5	25.6	86	..	2.8	..	6.6	0	0	29	13	8	2	0	1	1	1	3	2	0
	0530	88	1008.8	998.8	..	23.4	22.0	21.3	25.3	88	..	3.4	..	5.7	0	0	25	11	4	0	1	3	1	1	4	6	0
	0830	88	1011.0	1001.0	-1.2	26.7	23.2	21.4	25.9	73	- 3	4.1	+1.0	10.8	0	3	28	13	7	2	1	4	2	1	1	0	0
	1130	88	1010.6	1000.8	..	31.1	23.3	19.1	22.1	50	..	4.6	..	14.3	0	5	26	03	14	4	3	3	1	1	2	0	0
	1430	88	1007.2	997.5	..	33.0	23.1	17.4	20.1	41	..	4.6	..	16.8	0	13	18	03	16	4	5	3	0	0	0	0	0
	1730	88	1006.6	996.8	-0.7	32.0	22.5	16.9	19.5	43	+ 5	4.0	+1.5	18.2	0	12	19	00	17	9	3	1	0	0	1	0	0
	2030	88	1009.3	999.3	..	27.9	22.9	20.2	23.8	64	..	2.2	..	16.8	0	10	20	00	13	9	7	1	0	0	0	1	0
	2330	88	1010.3	1000.3	..	25.5	22.7	21.3	25.3	78	..	2.4	..	8.4	0	1	28	03	14	4	4	3	1	0	0	2	0
VEDARANNIYAM	0830	4	1011.1	1010.6	..	28.1	24.8	23.3	28.6	76	..	5.0	..	3.6	0	0	31	04	16	3	4	2	2	0	0	0	0
	1730	4	1007.7	1007.2	..	29.5	24.9	22.7	27.7	68	..	4.7	..	4.3	0	0	31	04	10	5	7	3	2	0	0	0	0
ATIRAMPATTINAM	0830	6	1010.9	1010.3	..	27.0	24.3	23.0	28.3	79	..	3.4	..	7.6	0	0	31	11	6	1	1	2	2	0	8	0	0
	1730	6	1007.5	1006.8	..	30.0	24.3	21.4	25.6	61	..	4.8	..	16.1	0	5	26	00	8	10	5	7	1	0	0	0	0
MADURAI	0830	133	1010.6	995.9	-1.1	27.0	23.4	21.5	25.8	73	+ 4	4.9	+1.2	3.5	0	0	22	14	5	0	1	0	0	1	1	9	0
MADURAI AERODROME	0530	131	1009.0	994.0	..	23.2	22.0	21.4	25.5	90	..	2.7	..	3.4	0	1	13	09	3	0	0	1	1	0	0	17	0
	0830	131	1011.0	996.2	-1.4	26.6	23.0	21.1	25.2	72	+ 0	4.5	+1.6	10.1	0	2	25	13	7	1	1	1	1	1	0	3	4
	1130	131	1010.3	995.7	..	31.5	23.2	18.7	21.6	47	..	4.7	..	14.4	0	9	19	01	17	5	1	1	2	1	0	3	0
	1730	131	1006.3	991.8	-1.1	32.3	22.6	16.6	19.5	42	+ 4	5.5	+2.1	21.0	0	22	9	00	9	13	7	2	0	0	0	0	0
TONDI	0830	5	1011.3	1010.7	-1.2	26.0	24.0	22.8	27.7	80	+ 1	4.5	-0.4	7.2	0	0	31	21	2	1	0	0	3	0	4	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1968 (PHALGUNA 11, 1889 - CHAITRA 11, 1890 SAKA)

SUB-DIVISION AND STATION	Hours of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gpm. of mean standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry bulb	Mean temperature in °C Wet bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Cloud Amount (Oktas) Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 37 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADRAS STATE (INCLUDING PONDICHERRY)																											
TONDI	1730	5	1007.8	1007.2	-1.0	28.7	25.1	23.5	28.9	73	- 4	4.5	+0.2	16.8	0	9	22	00	15	10	4	2	0	0	0	0	
PAMBAN	0830	11	1010.2	1008.9	-1.8	27.1	25.2	24.3	30.4	85	+ 9	5.3	+1.7	11.7	0	4	27	01	12	10	4	2	1	1	0	0	
TUTICORIN	1730	11	1007.3	1006.0	-1.2	28.4	25.6	24.4	30.5	79	+ 4	4.7	+2.2	13.9	0	8	23	03	17	2	3	3	3	0	0	0	
	0830	4	1011.2	1010.8	-1.4	26.7	23.9	22.5	27.4	78	+ 4	3.4	+0.9	11.2	0	1	30	20	2	0	0	2	0	2	5	0	
PALAYANKOTTAI	1730	4	1007.2	1006.8	-1.3	29.0	25.5	24.0	29.7	75	+ 1	3.5	+2.0	23.2	0	21	10	00	9	11	5	4	1	1	0	0	
	0830	51	1012.7	1006.9	+0.6	26.7	23.9	22.7	27.4	78	+ 5	5.5	+2.1	5.9	0	0	31	29	0	0	1	0	0	0	1	0	
KANNIYAKUMARI	1730	51	1006.7	1001.0	-0.9	31.0	24.4	21.1	25.2	57	+ 4	5.1	+1.9	10.5	0	1	30	03	0	22	1	5	0	0	0	0	
	0830	37	1010.1	1006.0	..	27.6	23.6	21.9	25.8	70	..	4.9	..	18.3	0	14	16	14	9	0	0	1	0	4	2	1	
PONDICHERRY	1730	37	1006.9	1002.8	..	29.1	24.9	23.0	28.1	70	..	5.7	..	20.3	0	14	17	01	8	12	3	1	5	1	0	0	
	0830	6	1011.3	1010.7	..	27.0	24.7	23.6	29.3	82	..	4.5	..	12.5	0	4	27	05	4	4	0	3	2	4	9	0	
PORT NOVA	1730	6	1008.0	1007.4	..	28.4	25.8	24.6	31.1	80	..	3.9	..	25.4	0	26	5	01	7	9	12	2	0	0	0	0	
	0830	3	1011.3	1011.0	..	27.9	24.7	23.1	28.4	76	..	5.5	..	4.5	0	0	31	11	5	1	4	7	1	2	0	0	
TUTICORIN H.P.	0830	3	1010.9	1010.6	..	26.6	23.9	22.6	27.4	79	..	4.2	..	16.4	0	12	19	19	3	0	0	2	1	0	6	0	
	1130	3	1010.6	1010.4	..	29.5	25.1	23.0	28.3	69	..	3.8	..	18.3	0	11	20	02	20	5	2	2	0	0	0	0	
	1430	3	1007.3	1007.1	..	30.1	25.4	23.3	28.6	67	..	3.1	..	24.4	0	22	9	01	6	19	3	2	0	0	0	0	
	1730	3	1006.7	1006.4	..	28.9	25.1	23.3	28.8	72	..	4.5	..	25.3	0	25	6	00	7	14	6	4	0	0	0	0	
COASTAL MYSORE																											
KARWAR	0830	4	1011.2	1010.7	-0.7	25.3	22.1	20.3	24.0	75	- 6	1.6	-0.2	3.0	0	0	31	00	8	14	3	0	2	0	3	0	
	1730	4	1007.3	1006.8	-1.2	29.8	25.2	23.1	28.3	68	- 3	1.3	-0.6	10.0	0	4	27	02	0	0	0	0	4	0	25	0	
HONAVAR	0830	26	1011.1	1008.1	-1.0	24.9	21.9	20.2	23.8	76	- 3	2.3	-0.8	4.5	0	0	31	00	4	20	0	0	0	0	6	0	
	1730	26	1007.1	1004.2	-1.4	30.4	25.1	22.7	27.6	63	- 4	2.4	-0.6	7.8	0	0	31	00	0	0	0	3	1	18	9	0	
MANGALORE (BAJPE)	0230	102	1008.5	997.0	..	25.5	23.3	22.2	26.7	82	..	2.8	..	1.2	0	0	4	02	0	2	0	0	0	0	0	27	
	0530	102	1008.4	996.9	..	24.5	22.9	21.6	26.6	84	..	2.9	..	2.1	0	0	7	00	1	5	1	0	0	0	0	24	
	0830	102	1010.4	999.0	-1.6	27.4	23.3	21.1	25.3	69	- 5	3.3	+1.1	6.5	0	1	19	02	3	11	2	0	0	0	2	11	
	1130	102	1010.0	998.7	..	32.4	23.7	18.8	22.1	47	..	3.2	..	12.9	0	2	28	01	1	6	3	0	7	7	5	1	
	1430	102	1006.9	995.6	..	32.7	24.5	20.3	24.1	49	..	2.9	..	23.2	0	26	5	00	0	0	0	0	4	25	2	0	
	1730	102	1006.3	995.0	-1.9	30.2	24.2	21.2	25.3	59	- 5	3.1	+0.7	20.3	0	12	19	00	0	0	0	0	6	16	9	0	
	2030	102	1009.0	997.5	..	27.5	24.0	22.3	26.9	73	..	2.5	..	6.5	0	0	20	02	0	1	0	0	2	6	9	11	
	2330	102	1009.9	998.4	..	26.5	23.8	22.4	27.3	78	..	2.6	..	1.8	0	0	9	08	0	0	0	0	0	0	1	22	
MANGALORE	0830	22	1010.4	1007.9	-1.4	26.9	23.4	21.9	25.8	73	- 2	2.6	+0.3	2.9	0	0	31	01	3	19	7	0	0	0	0	0	
	1730	22	1006.5	1004.0	-1.6	30.4	25.4	23.2	28.3	66	- 1	1.9	-0.7	6.2	0	0	31	01	1	1	0	0	3	10	11	0	
MANGALORE H.P.	0830	32	1010.1	1006.5	..	27.2	23.8	22.1	26.7	74	..	3.3	..	4.1	0	0	27	02	2	15	7	1	0	0	0	4	
	1130	32	1010.0	1006.4	..	31.6	24.3	20.3	24.4	53	..	2.3	..	13.1	0	2	29	00	0	3	2	1	2	1	12	0	
	1730	32	1006.2	1002.6	..	29.9	24.9	22.5	27.4	65	..	2.3	..	16.6	0	7	24	02	0	0	0	0	1	10	18	0	
INTERIOR MYSORE, NORTH																											
BIDAR	0830	664	1011.3	938.2	-0.1	24.9	16.1	8.7	11.9	40	- 4	1.9	+0.3	9.3	0	4	27	03	1	5	5	4	5	2	6	0	
	1730	664	1004.9	933.8	-0.4	31.4	17.5	7.4	9.9	24	- 2	3.1	+0.1	13.2	0	7	23	01	10	5	4	2	3	0	5	1	
GULBARGA	0830	458	1011.0	960.0	-0.5	25.7	16.5	9.7	12.0	38	+ 2	1.9	+0.7	8.4	0	5	15	03	2	12	1	2	0	0	0	11	
	1730	458	1004.4	955.7	-0.2	35.2	19.2	7.2	10.5	20	+ 0	3.5	+1.0	8.7	0	1	27	00	2	12	4	0	2	5	3	3	
BIJAPUR	0830	594	1011.3	945.5	+0.0	23.4	17.6	13.8	15.9	57	+12	1.5	+0.2	7.8	0	3	26	10	4	2	4	4	1	2	2	2	
	1730	594	1003.7	940.5	-0.9	34.6	21.8	14.7	16.7	36	+12	4.5	+1.9	2.9	0	0	29	05	7	1	4	1	0	3	8	2	
RAICHUR	0830	400	1010.7	966.4	-0.4	27.3	18.8	12.2	14.8	43	- 7	2.8	+1.4	5.3	0	0	29	00	5	1	15	1	3	0	4	2	
	1730	400	1004.8	961.9	-0.6	34.9	19.9	7.7	10.9	21	- 7	3.5	+1.3	6.5	0	0	30	00	9	0	18	0	0	0	3	1	
BELGAUM	0830	753	1010.6	928.1	-0.7	23.9	16.8	11.7	13.9	48	-14	0.8	+0.0	1.5	0	0	11	00	1	6	4	0	0	0	8	20	
	1730	753	1003.8	924.1	-1.4	32.1	19.1	9.9	12.5	27	- 5	1.8	+0.0	4.2	0	0	28	02	1	7	2	4	6	6	0	3	
BELGAUM (SAMRA)	0530	747	1009.6	926.4	..	19.9	14.9	10.9	13.3	58	..	0.6	..	2.1	0	0	11	01	3	1	3	2	0	0	1	20	
	0830	747	1010.7	928.8	-0.9	24.0	16.4	10.6	13.1	45	- 7	2.1	+0.9	6.8	0	0	23	00	5	8	6	1	0	2	1	8	
	1130	747	1009.0	928.9	..	30.3	17.2	6.5	10.1	25	..	2.1	..	13.8	0	10	19	03	5	8	6	1	1	2	2	2	
	1430	747	1005.0	925.8	..	32.9	17.7	5.0	9.1	19	..	3.2	..	12.0	0	6	22	02	6	7	4	0	2	6	0	3	
	1730	747	1004.2	924.9	-1.2	32.1	18.3	7.2	10.9	23	-10	2.9	+0.5	15.3	0	11	19	00	5	5	3	1	3	12	1	1	
GADAG	2030	747	1007.9	926.8	..	25.9	18.2	12.2	15.3	46	..	1.2	..	12.3	0	4	24	00	1	5	1	0	2	18	1	3	
	0530	650	1009.2	937.2	..	21.9	18.1	15.6	18.1	69	..	1.9	..	6.6	0	0	26	00	1	5	4	1	9	6	0	5	
	0830	650	1010.7	939.0	-1.0	23.9	19.3	16.3	19.0	63	+ 5	1.1	-0.9	5.3	0	0	27	00	3	9	2	1	4	7	1	4	
	1130	650	1008.9	939.2	..	32.0	21.1	14.6	17.0	37	..	1.5	..	9.3	0	2	28	03	4	8	6	0	2	2	4	1	
	1430	650	1004.7	935.9	..	35.0	21.4	13.3	15.5	28	..	2.6	..	8.4	0	1	28	00	4	8	7	1	0	2	3	2	
	1730	650	1003.6	934.7	-1.1	34.2	21.1	13.6	15.5	29	- 2	2.9	-0.1	5.4	0	0	30	03	3	12	0	3	2	5	2	1	
	2030	650	1007.0	936.8	..	29.1	19.7	13.7	16.1	40	..	1.5	..	7.7	0	2	22	00	5	10	1	0	2	5	1	7	
	2330	650	1009.1	938.0	..	25.7	19.1	15.0	17.4	53	..	1.3	..	9.7	0	0	31	00	1	9	3	2	6	10	0	0	
BIDAR A.F.	0530	665	1010.1	935.9	..	20.9	14.7	9.5	12.2	50	..	1.5	..	12.8	0	3	28	03	6	5	6	6	2	2	1	0	
	0830	665	1011.1	937.9	..	24.6	15.8	8.1	11.5	39	..	1.6	..	16.3	0	10	21	07	4	3	5	6	4	1	1	0	
	1130	665	1009.9	938.0	..	30.3	17.8	7.7	11.2	28	..	1.5	..	17.5	0	7	24	06	6	2	6	6	4	1	0	0	

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – MARCH, 1968 (PHALGUNA 11,1889 - CHAITRA 11,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry bulb	Mean temperature in °C: Wet bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.): 62 or more	20 to 61	1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
INTERIOR MYSORE NORTH (CONTD.)																											
BIDAR A.F	1730	665	1005.4	934.1	..	31.7	17.7	6.1	10.0	23	..	2.5	..	14.8	0	6	23	05	4	4	6	4	1	3	2	2	0
	2330	665	1009.7	936.0	..	25.0	15.8	8.2	11.2	38	..	1.5	..	13.9	0	3	27	05	7	7	5	3	1	2	0	1	0
INTERIOR MYSORE, SOUTH																											
BELLARY	0830	449	1012.0	962.4	+1.2	25.5	20.1	16.4	19.1	57	+12	1.8	+0.1	6.4	0	0	25	00	0	7	9	2	0	7	0	6	0
	1730	449	1006.2	958.0	+1.5	35.3	22.1	13.3	15.9	28	+ 6	4.1	+1.6	9.7	0	1	30	02	1	9	14	0	0	1	4	0	0
CHITRADURGA	0830	733	1010.3	929.9	-0.9	23.6	18.9	16.0	18.4	63	+ 8	1.7	-0.1	4.4	0	0	23	00	0	6	5	2	1	9	0	8	0
	1730	733	1003.7	926.1	-0.6	32.7	19.7	11.0	13.4	27	+ 3	2.3	-0.2	6.9	0	0	30	02	1	20	1	0	1	5	0	1	0
SHIMOGA	0830	571	1010.8	947.4	-1.1	23.5	19.5	17.0	19.7	68	- 9	3.0	+0.4	1.2	0	0	18	00	1	6	4	0	3	4	0	13	0
	1730	571	1003.5	942.6	-1.0	33.2	19.2	9.5	12.0	25	- 2	4.1	+1.1	2.6	0	0	26	01	2	16	1	0	1	5	0	5	0
AGUMBE	0830		..	..	..	22.4	19.1	17.2	19.7	73	..	.	..	4.1	0	0	30	00	26	0	0	0	3	1	0	1	0
BALEHONNUR	0830		..	..	..	24.0	18.7	15.4	17.7	60	-21	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
HASSAN	0830	960	1521.7	906.6	-0.8	20.9	17.7	15.6	18.1	73	+ 2	3.2	+1.5	3.2	0	0	18	00	0	11	2	0	1	4	0	13	0
	1730	960	1523.9	902.5	-1.1	30.3	19.1	11.6	13.9	33	+ 2	2.5	-0.3	3.0	0	0	31	00	3	9	8	1	3	3	4	0	0
BANGALORE	0230	921	1506.3	909.9	..	21.0	18.0	16.1	18.4	75	..	1.4	..	6.0	0	0	25	00	0	13	9	1	1	1	0	6	0
	0830	921	1523.0	911.4	+0.0	22.2	18.3	15.9	18.2	69	+ 6	3.4	+1.4	5.0	0	0	27	00	0	11	7	1	4	2	0	4	2
	1130	921	1535.3	911.4	..	28.2	19.5	14.1	16.3	43	..	3.8	..	7.0	0	0	26	00	1	13	6	0	3	2	0	5	1
	1430	921	1517.0	905.8	..	30.8	19.8	12.9	15.1	34	..	4.7	..	8.5	0	0	28	01	6	10	9	0	2	0	0	3	0
	1730	921	1507.1	908.2	+0.5	29.8	19.3	12.6	14.7	36	+12	4.5	+1.6	6.9	0	0	27	00	3	12	9	0	2	0	0	4	1
	2030	921	1515.7	909.9	..	25.5	18.6	14.2	16.4	50	..	1.8	..	10.1	0	2	27	01	1	16	10	0	0	0	1	2	0
BANGALORE AERODROME	0530	897	1488.8	911.1	..	19.0	17.4	16.4	18.6	85	..	2.5	..	5.9	0	0	25	00	4	9	3	2	4	3	0	6	0
	0830	897	1514.8	913.2	-1.0	21.9	18.6	16.6	19.0	72	+11	3.5	+1.4	9.6	0	0	30	00	1	13	5	2	6	2	1	1	0
	1130	897	1527.5	913.1	..	28.2	19.6	14.2	16.5	44	..	3.7	..	15.8	0	12	19	00	0	14	9	0	4	1	2	0	1
	1730	897	1494.9	909.4	-0.7	29.8	20.0	14.0	16.2	39	+14	4.5	+1.8	16.6	0	12	19	02	2	14	9	2	0	0	1	0	1
	2330	897	1509.8	912.6	..	22.6	18.9	16.6	19.0	70	..	1.6	..	13.4	0	6	25	00	0	17	11	1	2	0	0	0	0
MYSORE	0830	767	1011.1	926.3	-1.2	22.5	18.8	16.3	19.0	68	- 3	2.7	+0.4	8.3	0	0	31	03	3	3	1	8	4	4	5	0	0
	1730	767	1003.7	922.4	-1.0	31.4	18.5	9.1	11.9	27	+ 6	3.3	+0.1	12.0	0	2	29	08	3	13	1	1	1	3	1	0	0
YALANKA A.F	0530	932	1490.8	908.0	..	18.4	16.6	15.4	17.6	84	..	2.4	..	10.2	0	0	28	00	1	10	4	7	3	2	1	3	0
	0830	932	1515.6	909.8	..	22.4	18.0	15.1	17.4	65	..	4.1	..	13.2	0	3	28	00	0	11	5	6	4	4	1	0	0
	1130	932	1528.5	909.8	..	29.0	18.5	11.5	13.6	35	..	4.0	..	17.6	0	8	23	01	1	13	7	3	2	2	2	0	0
	1730	932	1496.0	906.3	..	29.5	18.2	10.1	12.7	30	..	4.6	..	19.4	0	9	22	02	4	16	6	1	0	1	0	0	1
	2330	932	1509.4	909.1	..	22.5	18.0	15.1	17.4	65	..	2.7	..	16.2	0	7	24	00	0	15	12	3	1	0	0	0	0
KERALA																											
CALICUT	0530	5	1008.7	1008.1	..	25.0	23.4	22.6	27.6	87	..	2.5	..	3.5	0	0	25	00	7	18	0	0	0	0	0	6	0
	0830	5	1010.5	1009.9	-1.2	27.1	24.3	23.1	28.1	79	+ 5	2.4	-0.4	1.8	0	0	14	00	1	13	0	0	0	0	0	17	0
	1130	5	1010.4	1009.8	..	31.7	25.6	23.2	28.6	65	..	2.5	..	4.8	0	0	30	00	0	0	0	1	7	21	1	1	0
	1430	5	1007.7	1007.1	..	32.1	26.4	24.0	29.7	63	..	2.0	..	6.2	0	0	31	00	0	0	0	0	12	18	1	0	0
	1730	5	1007.3	1006.7	-0.6	30.4	26.2	24.4	30.5	71	+ 2	3.2	+0.1	5.5	0	0	31	00	0	0	0	0	2	13	16	0	0
	2330	5	1009.9	1009.3	..	27.4	25.1	24.1	30.0	82	..	2.4	..	6.0	0	0	26	05	7	4	0	1	3	0	6	5	0
PALGHAT	0830	97	1010.8	999.5	-1.6	27.5	23.8	21.9	26.6	72	+ 5	4.9	+2.5	8.3	0	0	29	00	0	21	0	0	0	8	0	2	0
	1730	97	1006.1	995.3	-0.4	33.8	24.2	18.9	22.4	43	+ 5	6.0	+3.1	9.0	0	0	31	00	0	20	1	0	1	7	2	0	0
FORT COCHIN	0830	3	1010.4	1010.1	-1.4	28.8	25.1	23.5	28.9	74	+ 0	5.9	+2.1	5.1	0	0	30	01	17	10	0	0	0	1	1	1	0
	1730	3	1006.2	1005.9	-1.6	30.2	26.3	24.6	31.1	73	+ 3	6.5	+2.9	12.4	0	1	29	01	0	0	0	0	3	15	11	1	0
COCHIN(NAVAL AIR STATION)	0230	3	1008.6	1008.3	..	25.8	24.0	23.2	28.4	86	..	4.6	..	1.8	0	0	7	01	4	0	0	0	0	0	2	24	0
	0530	3	1008.3	1008.0	..	25.2	23.7	23.0	27.9	88	..	4.6	..	1.3	0	0	7	01	3	1	0	1	1	0	0	24	0
	0830	3	1010.3	1009.9	..	27.7	24.2	22.5	27.3	74	..	4.5	..	6.6	0	0	26	00	12	11	2	0	0	0	1	5	0
	1130	3	1010.6	1010.3	..	31.0	24.8	21.8	26.3	59	..	4.3	..	10.1	0	0	29	00	1	3	2	2	5	10	6	2	0
	1730	3	1006.5	1006.2	..	30.1	25.0	22.6	27.6	65	..	5.0	..	17.0	0	5	26	01	0	0	0	0	12	10	8	0	0
	2330	3	1010.0	1009.7	..	26.8	24.4	23.3	28.6	81	..	5.2	..	2.5	0	0	10	00	0	2	2	0	0	0	6	21	0
ALLEPPEY	0830	4	1010.5	1010.1	-1.0	27.8	25.0	23.7	29.3	79	+ 3	3.8	-0.5	7.3	0	0	30	01	13	7	8	0	0	0	1	1	0
	1730	4	1007.8	1007.4	+0.1	30.2	25.7	23.6	29.3	69	- 2	4.0	+0.3	19.2	0	20	11	00	0	0	0	0	0	9	22	0	0
PUNALUR	0830	34	1010.5	1006.6	-1.4	25.6	23.7	22.2	27.6	82	+ 2	5.2	+1.8	0.8	0	0	4	00	1	2	1	0	0	0	0	27	0
	1730	34	1006.1	1002.4	-1.5	32.3	25.2	21.8	26.3	54	+ 0	7.4	+2.1	4.4	0	0	23	00	1	5	10	6	1	0	0	8	0
TRIVANDRUM	0230	64	1008.1	1000.8	..	25.2	23.5	22.6	27.6	85	..	3.5	..	1.4	0	0	7	01	3	0	0	0	0	1	2	24	0
	0530	64	1008.1	1000.7	..	24.5	23.0	22.2	26.9	87	..	3.1	..	5.2	0	0	28	04	15	0	1	1	1	0	6	3	0
	0830	64	1010.2	1002.9	-1.4	26.7	23.5	21.8	26.3	75	- 5	4.3	+1.9	5.9	0	0	25	05	9	2	3	0	0	1	5	6	0
	1130	64	1009.8	1002.6	..	30.8	24.2	20.9	24.7	57	..	5.2	..	10.3	0	1	30	05	3	2	2	2	6	7	3	0	1
	1430	64	1006.9	999.7	..	31.2	24.7	21.5	25.6	57	..	4.9	..	13.6	0	2	29	00	1	0	1	0	13	10	6	0	0
	1730	64	1006.8	999.6	-1.3	28.9	24.2	21.8	26.3	67	+ 1	4.9	+0.6	11.7	0	1	30	00	0	0	2	2	9	11	6	0	1
	2030	64	1009.3	1002.0	..	27.0	24.3	23.0	28.3	80	..	4.0	..	5.3	0	0	26	00	1	2	4	0	6	6	7	5	0
	2330	64	1010.0	1002.7	..	26.1	24.0	23.0	28.3	83	..	3.6	..	4.6	0	0	20	04	5	1	2	0	1	0	7	11	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – MARCH 1968 (PHALGUNA 11, 1889 - CHAITRA 11, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of mean standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Mean temperature in °C Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 0 or calm	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3		5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
KERALA																											
TRIVANDRUM AERODROME	0830	8	1010.4	1009.5	-1.4	27.8	23.7	21.5	25.9	69	- 4	5.1	+2.1	9.3	0	6	17	08	9	4	2	0	0	0	0	8	0
ARABIAN SEA ISLANDS																											
AMINI	0530	4	1007.9	1007.5	..	26.3	23.7	22.5	27.3	80	..	3.5	..	8.4	0	1	23	16	1	0	1	0	0	0	6	7	0
	0830	4	1010.0	1009.6	-1.8	27.8	24.4	22.8	27.7	74	+ 1	3.5	+0.6	8.0	0	4	24	18	5	0	0	0	0	1	4	3	0
	1130	4	1010.6	1010.2	..	30.3	25.1	22.7	27.6	64	..	3.2	..	10.8	0	2	28	22	3	0	0	0	0	1	3	1	1
	1730	4	1006.9	1006.5	..	29.9	25.2	23.0	28.3	67	..	3.9	..	12.2	0	3	28	20	2	0	1	0	0	0	8	0	0
	2330	4	1009.5	1009.0	..	27.1	24.2	22.8	27.9	77	..	2.2	..	13.8	0	8	17	12	0	0	0	0	1	2	10	6	0
AGATTI	0830	4	1010.4	1009.9	..	26.8	24.1	22.7	27.9	78	..	4.5	..	5.2	0	0	31	27	1	1	0	0	0	0	2	0	0
	1730	4	1008.3	1007.8	..	29.5	25.2	23.1	28.6	69	..	4.5	..	5.9	0	0	31	25	0	0	1	0	0	0	5	0	0
ANDROTH	0830	5	1010.8	1010.3	..	28.0	25.7	24.5	31.1	81	..	5.7	..	3.3	0	0	27	10	11	0	0	0	0	0	2	4	4
	1730	5	1006.0	1005.5	..	30.1	26.0	24.2	30.4	71	..	5.2	..	3.0	0	0	18	02	8	0	0	0	0	0	3	13	5
MINICOY	0530	2	1008.4	1008.2	..	25.2	23.4	22.5	27.3	85	..	4.4	..	2.8	0	0	12	05	1	3	0	0	0	0	3	19	0
	0830	2	1010.5	1010.3	-1.2	27.5	24.6	23.2	28.6	78	+ 4	5.5	+1.8	4.9	0	0	23	07	6	3	1	1	0	0	5	8	0
	1130	2	1011.0	1010.6	..	29.8	25.5	23.6	28.9	70	..	5.6	..	8.3	0	0	28	12	6	5	1	1	0	0	3	3	0
	1430	2	1008.4	1008.2	..	30.0	25.6	23.6	29.3	69	..	5.2	..	5.8	0	0	27	12	4	6	1	0	0	0	4	4	0
	1730	2	1007.7	1007.5	-1.0	29.1	25.3	23.5	29.1	72	+ 0	5.0	+1.3	5.5	0	0	27	09	7	4	2	0	0	1	4	4	0
	2030	2	1009.4	1009.2	..	27.0	24.3	23.1	28.3	79	..	3.7	..	4.1	0	0	18	05	2	2	1	1	0	0	7	13	0
	2330	2	1010.2	1010.0	..	26.2	24.0	23.2	28.1	82	..	4.0	..	5.1	0	0	20	08	2	2	2	1	0	0	5	11	0
HILL STATIONS(EXCLUDING KASHMIR)																											
DALHOUSIE	0830	1959	1446.6	799.8	+0.1	10.0	8.3	6.5	9.7	80	+20	2.4	-0.3	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	1959	1441.3	799.5	+0.0	13.2	11.7	10.7	12.9	85	+19	3.8	+0.5	..	.	..	..	..	..	..	..	..	..	..	..	..	..
DHARMASALA	0830	1211	1532.1	882.8	-1.4	16.3	10.7	5.3	8.9	50	+ 1	3.1	-0.3	0.7	0	0	17	00	7	4	2	2	0	2	0	14	0
	1730	1211	1516.5	881.0	-2.0	19.0	12.9	6.9	9.9	47	- 2	4.2	-0.1	1.3	0	0	30	00	2	0	0	2	19	6	1	1	0
BHUNTAR	0830	1096	1497.7	892.4	..	9.0	7.3	5.2	8.8	78	..	2.9	..	4.3	0	0	22	11	2	1	1	2	0	1	4	9	0
	1130	1096	1498.0	891.4	..	15.8	10.3	4.6	8.5	49	..	2.9	..	6.2	0	2	25	01	6	4	4	5	3	0	4	4	0
	1730	1096	1471.9	888.2	..	18.6	11.8	5.4	9.0	45	..	4.3	..	8.5	0	0	28	03	1	2	1	9	5	2	5	3	0
SIMLA	0830	2202	1481.8	780.4	-1.1	10.1	4.3	- 4.6	4.1	40	+ 3	2.1	-1.2	1.9	0	0	29	01	3	0	13	3	5	2	2	2	0
	1730	2202	1470.1	779.6	-1.3	11.7	7.0	1.7	6.9	53	+ 5	3.0	-0.9	1.9	0	0	28	00	0	0	8	3	10	0	7	3	0
GHANGARIA (KANJALIA TOK)	0830		(R)																								
BADRINATH	0830		(R)																								
JOSHIMATH	0830		..	..	..	10.9	6.0	- 0.4	5.9	49	+ 5	1.4	-1.5	9.2	0	0	31	00	0	28	0	1	2	0	0	0	0
	1730		..	..	..	15.1	8.7	0.1	6.1	61	+21	3.7	-1.8	5.5	0	0	31	03	2	5	3	4	4	5	5	0	0
MUSSOORIE	0830	2042	1478.3	795.0	-2.7	10.9	6.2	0.5	6.3	51	+ 2	0.5	-2.8	1.5	0	0	11	02	1	0	2	3	2	0	1	20	0
	1730	2042	1463.6	794.0	-2.8	12.3	8.7	5.1	8.8	63	+ 4	3.5	-0.3	3.5	0	0	31	07	4	0	5	8	3	0	4	0	0
MUKTESWAR(KUMAUN)	0830	2311	3112.9	771.7	-0.6	9.9	5.7	0.7	6.4	55	+12	1.8	-0.6	3.1	0	0	22	00	3	7	0	1	0	7	4	9	0
	1730	2311	3106.0	770.5	-0.6	11.9	8.0	3.8	8.0	61	+12	3.3	-0.1	6.6	0	0	29	00	1	2	0	0	6	15	5	2	0
NAINITAL	0830	1953	1447.3	801.2	-4.0	12.0	6.9	1.5	6.8	49	+ 4	1.6	-1.0	4.7	0	0	21	03	3	9	2	0	0	2	2	10	0
	1730	1953	1465.9	802.4	-1.3	12.2	8.2	4.1	8.2	60	+ 5	1.2	-1.9	8.1	0	0	31	04	0	1	2	4	3	16	1	0	0
KALIMPONG	0830	1209	1516.9	881.6	+2.1	15.0	11.6	8.6	11.2	67	- 3	1.7	-0.4	6.8	0	0	31	00	1	0	3	0	1	0	26	0	0
	1730	1209	1419.5	878.9	+2.1	15.7	12.2	9.3	11.7	66	- 3	2.1	-1.1	7.0	0	0	31	00	2	0	27	0	2	0	0	0	0
DARJEELING	0830	2128	1500.8	789.5	-1.6	11.7	9.0	6.6	9.7	72	+ 4	4.2	+0.7	1.6	0	0	11	02	1	0	0	0	7	1	0	20	0
	1730	2128	1490.9	788.4	-0.6	11.0	8.3	5.8	9.2	72	- 2	5.9	+0.5	2.8	0	0	15	00	0	0	0	0	14	1	0	16	0
KOHIMA	0830	1406	(R)																								
	1730	1406	(R)																								
SHILLONG(C.S.O.)	0830	1598	1496.0	840.2	+0.3	16.7	10.7	5.5	9.0	49	+ 4	2.0	-0.1	6.4	0	0	30	01	1	0	0	0	12	10	6	1	0
	1730	1598	1473.0	837.8	+0.4	15.5	11.3	8.0	10.7	62	+ 7	4.0	-0.2	7.2	1	0	23	02	0	0	1	2	7	6	6	7	0
CHERRAPUNJI	0830	1313	1527.8	871.7	+1.8	17.6	13.5	10.3	12.5	64	+ 3	1.3	-1.7	5.2	0	0	31	00	6	0	6	0	19	0	0	0	0
	1730	1313	1515.7	870.5	+3.2	17.8	13.3	9.7	12.0	61	- 6	1.0	-2.0	5.3	0	0	31	00	4	0	0	0	27	0	0	0	0
ABU	0830	1195	1507.1	881.8	-0.4	18.4	13.8	0.7	5.8	37	+ 4	0.7	-0.7	3.2	0	1	10	03	0	0	0	2	4	0	2	20	0
	1730	1195	1500.1	880.5	-0.3	23.1	12.0	- 1.7	5.3	26	- 1	0.8	-0.8	2.0	0	0	12	02	0	0	0	3	3	1	3	19	0
AIJAL	0830		..	..	..	19.9	14.9	11.2	13.3	58	- 2	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	22.9	17.3	13.7	15.7	59	+ 1	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
PACHMARHI	0830	1075	1517.9	895.0	-0.7	20.4	12.5	3.9	8.8	38	+ 2	1.3	-0.6	2.3	0	0	18	05	1	2	0	2	0	3	5	13	0
	1730	1075	1499.2	892.4	-0.6	25.2	14.2	3.0	8.2	28	+ 3	2.7	+0.1	3.2	0	0	27	01	3	0	0	0	0	5	18	4	0
MAHABALESHWAR	0830	1382	1514.7	863.5	-0.9	18.6	12.4	7.0	10.0	48	+12	0.4	-0.5	10.1	0	0	31	01	8	0	9	0	3	0	10	0	0
	1730	1382	1499.3	862.0	-0.5	26.4	16.6	9.1	11.5	35	- 8	0.5	-1.1	9.7	0	0	31	00	4	0	1	0	2	0	24	0	0
MERCARA	0830	1152	1508.0	886.0	-0.9	20.4	16.9	14.6	16.7	70	- 2	3.3	+1.5	9.2	0	4	20	02	13	3	0	0	1	0	5	7	0
	1730	1152	1488.0	883.2	-1.0	26.9	18.7	13.2	15.6	49	- 5	4.4	+1.6	12.3	0	0	31	00	11	1	2	0	1	8	7	0	1
OOTACAMUND	0830	2249	1519.4	780.6	-0.5	13.0	10.3	8.1	10.8	73	+12	2.3	+0.8	1.9	0	0	9	00	6	1	2	0	0	0	0	22	0
	1730	2249	1490.7	778.9	-0.6	17.1	13.9	11.6	13.8	70	+14	3.7	+0.2	1.5	0	0	13	00	4	5	4	0	0	0	0	18	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1968 (PHALGUNA 11, 1889 - CHAITRA 11, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or M.L. in gpm. of mean standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind speed (Km. p.h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HILL STATION (EXCLUDING KASHMIR)																												
COONOOR	0830		..	..	..	18.4	13.6	10.1	12.3	60	+ 2	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
KODAIKANAL	0830	2343	3154.9	771.6	-0.9	14.3	9.8	4.7	9.2	59	+ 9	4.8	+2.9	14.1	0	5	26	04	10	5	8	4	0	0	0	0	0
	1130	2343	3167.1	772.0	..	17.1	11.8	7.0	10.4	55	..	5.2	..	16.1	0	0	31	04	11	1	13	2	0	0	0	0	0
	1730	2343	3139.6	770.0	-1.3	14.7	12.1	10.1	12.4	75	+ 8	6.1	+1.9	8.9	0	2	27	04	6	3	11	4	0	0	1	2	0
NEPAL																												
KATMANDU	0830	1324	1495.5	867.7	-2.3	12.3	10.5	8.8	11.4	80	+ 8	3.0	+0.4	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
	1130	1326	1492.9	866.9	..	20.5	13.8	8.1	10.9	47	..	4.0	..	0.3	0	0	2	01	0	0	0	1	0	0	0	29	0
	1730	1324	1467.9	864.5	-2.3	18.7	13.3	8.6	11.3	53	+ 0	4.0	+0.5	2.0	0	0	16	06	0	0	0	1	1	3	5	15	0
SIKKIM																												
LACHEN	0830		..	..	..	5.7	4.2	2.5	7.3	81	+15	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	6.1	4.6	2.9	7.5	83	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
HYDROMETEOROLOGICAL OBSERVATORIES																												
DAMODAR CATCHMENT																												
TILAIYA	0830		..	..	..	24.8	16.2	9.0	11.5	38	..	0.8	..	8.7	0	2	28	00	0	3	1	1	6	15	4	1	0
	1730		..	..	..	28.8	16.9	6.4	9.6	25	..	1.4	..	7.4	0	0	30	02	1	0	0	0	0	15	12	1	0
HAZARIBAGH	0830	615	1010.2	942.1	..	23.7	17.4	13.1	15.1	54	..	1.4	..	5.4	0	2	21	02	0	0	1	3	5	7	5	8	0
	1730	615	1006.0	938.8	..	26.7	17.7	11.6	13.7	39	..	1.8	..	7.5	0	1	28	07	0	0	1	0	2	11	8	2	0
KONAR	0830		(R)																								
	1730		(R)																								
BOKARO	0830	242	1009.9	982.4	..	22.9	17.4	13.3	15.3	56	..	1.1	..	4.0	0	0	29	00	1	3	3	1	6	10	5	2	0
	1730	242	1004.8	978.1	..	30.6	20.3	13.5	15.5	35	..	1.0	..	4.2	0	0	30	00	0	1	2	0	6	14	7	1	0
MAITHON	0830		..	..	..	28.0	17.5	9.0	11.5	31	..	1.8	..	2.0	0	0	31	00	6	0	0	0	9	0	16	0	0
	1730		..	..	..	31.7	19.7	11.0	13.1	28	..	2.1	..	2.5	0	0	31	00	4	0	0	0	18	0	9	0	0
RAMGARH	0830		..	..	..	23.7	16.0	9.6	11.9	42	..	1.3	..	3.5	0	0	29	04	0	3	0	0	1	18	3	2	0
	1730		..	..	..	30.2	17.7	7.1	10.1	24	..	2.3	..	5.9	0	0	31	04	0	1	0	0	2	13	10	0	1
PANCHET HILLS	0830		..	..	..	25.5	17.9	12.4	14.4	45	..	2.1	..	1.5	0	0	15	00	2	0	1	0	5	0	7	16	0
	1730		..	..	..	31.2	18.6	8.6	11.2	25	..	2.6	..	1.0	0	0	11	00	0	0	0	0	4	0	7	20	0
DURGAPUR	0830		..	..	..	26.5	18.3	12.4	14.4	43	..	0.3	..	8.3	0	1	30	09	2	1	2	6	1	1	9	0	0
	1730		..	..	..	30.8	18.8	9.6	11.9	28	..	0.3	..	6.2	0	0	30	11	0	3	1	1	0	2	12	1	0
MAHANADI CATCHMENT																												
GINABAHAR	0830		..	..	..	22.8	15.8	10.3	12.9	48	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
HIRAKUD	0830	159	1011.2	993.2	..	26.0	19.3	14.7	16.9	52	..	1.3	..	0.2	0	0	2	00	0	0	0	0	2	0	0	29	0
	1130	159	1010.5	992.8	..	29.9	20.3	13.2	15.2	38	..	1.1	..	2.7	0	0	14	01	2	0	0	0	8	3	0	15	2
	1730	159	1006.5	988.9	..	31.7	20.7	13.1	15.5	34	..	1.3	..	0.8	0	0	4	01	0	0	0	0	0	2	1	26	1
BHIMKUND	0830		..	..	..	24.3	18.2	13.7	15.7	54	..	2.3	..	0.8	0	0	6	00	0	0	1	0	0	0	5	25	0
	1730		..	..	..	31.3	19.4	10.1	12.3	30	..	3.0	..	2.3	0	0	16	00	0	0	2	0	8	1	5	15	0
SONEPUR	0830		..	..	..	24.4	19.2	15.9	18.1	61	..	6.4	..	1.9	0	0	21	01	0	11	0	0	0	4	0	10	0
KHIJRAWAN	0830		..	..	..	24.1	17.7	12.6	15.1	52	..	1.1	..	..	.	..	..	01	1	3	9	5	4	5	3	0	0
	1730		..	..	..	31.0	18.8	9.0	11.8	28	..	1.3	..	..	.	..	..	01	3	1	8	1	5	4	8	0	0
NARMADA CATCHMENT																												
BAGRA TAWA	0830		..	..	..	22.5	14.7	6.9	10.4	40	..	1.0	..	11.0	0	1	27	01	2	6	0	6	8	3	2	3	0
	1730		..	..	..	31.5	17.2	2.8	8.1	21	..	1.9	..	10.9	0	0	30	02	2	3	2	1	11	4	5	1	0
PUNASA	0830		..	..	..	25.5	16.9	9.1	12.3	39	..	.	..	3.9	0	0	31	00	24	0	0	0	7	0	0	0	0
	1730		..	..	..	33.9	22.7	15.9	18.4	35	..	.	..	3.4	0	0	30	00	15	0	0	0	15	0	0	1	0
THIKRI	0830		..	..	..	22.5	16.5	11.9	13.9	52	..	1.7	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
SABARMATI CATCHMENT																												
DAROI	0830		..	..	..	22.0	13.6	4.0	8.1	34	+34	.	..	..	.	..	..	00	0	0	0	0	0	0	0	0	0
GANDAK CATCHMENT																												
JAMOSOM	0830		..	..	..	8.9	4.3	1.4	5.7	55	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	9.5	5.8	2.2	7.2	61	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
KHUDI BAZAR	0830		..	..	..	17.5	13.9	11.1	13.4	68	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	21.1	16.3	12.6	15.2	62	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TIMURE	0830		..	..	..	10.1	6.9	3.1	7.8	61	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	15.8	10.1	4.6	8.8	50	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
POKHARA	0830		..	..	..	18.3	13.9	10.5	12.8	61	..	2.3	..	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
	1130		..	..	..	22.6	15.4	9.8	12.2	45	..	2.6	..	1.3	0	0	15	00	0	0	7	7	1	0	0	16	0
	1730		..	..	..	20.9	14.5	9.3	12.0	51	..	5.4	..	2.8	0	1	12	05	0	1	1	2	0	0	4	18	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1968 (PHALGUNA 11, 1889 - CHAITRA 11, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lat. in gms. of normal standard inches level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															62 or more	28 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
GANDAK CATCHMENT																											
GORKHA	0830		..	..	..	17.4	12.7	8.6	11.4	59	..	2.5	..	..	.	..	..	04	1	0	5	2	1	7	1	10	0
	1130		..	..	..	21.1	14.9	9.9	12.4	50	..	2.3	..	..	.	..	..	00	0	0	3	9	14	5	0	0	0
	1730		..	..	..	20.2	13.7	7.9	11.1	48	..	3.7	..	..	.	..	..	00	0	3	2	9	8	8	1	0	0
NUWAKOT	0830		..	..	..	17.3	13.0	9.4	12.0	62	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	20.3	13.7	7.5	10.9	48	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)																											
DAILEKH	0830		..	..	..	15.1	11.0	7.0	10.1	60	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	18.6	12.8	7.8	10.7	51	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GHAGHARA CATCHMENT																											
SALLYANA	0830		..	..	..	15.7	11.3	7.0	10.2	58	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	17.9	12.3	7.2	10.3	51	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BUTWAL	0830		..	..	..	22.9	16.1	10.3	12.9	46	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	27.8	17.4	8.1	11.6	32	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BAGHMATI CATCHMENT																											
KATMANDU	0830		SEE UNDER NEPAL																								
	1130																										
	1730																										
KOSI CATCHMENT																											
CHAUTARA	0830		..	..	..	13.8	10.3	7.1	10.2	67	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	18.3	11.6	5.8	9.4	48	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
WALUNGCHUNG GOLA	0830		..	..	..	4.3	1.5	2.3	5.2	65	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	3.3	1.9	0.3	6.3	82	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TAPLETHOK	0830		..	..	..	14.2	10.9	7.6	10.5	65	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	17.1	11.3	5.5	9.3	50	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BHOJPUR	0830		..	..	..	15.7	10.5	5.6	9.3	54	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	15.5	10.6	6.1	9.7	56	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TAPLEJUNG	0830		..	..	..	13.3	9.3	5.7	9.2	61	..	4.3	..	1.2	0	0	15	05	2	0	0	1	0	0	7	16	0
	1130		..	..	..	17.0	11.1	5.8	9.5	50	..	5.3	..	5.0	0	0	28	04	1	2	1	4	2	7	3	3	4
	1730		..	..	..	14.5	9.9	5.1	9.3	57	..	5.7	..	11.9	0	8	15	00	2	3	7	9	1	1	0	8	0
OKHALDHUNGA	0830		..	..	..	14.1	9.9	6.0	9.5	60	..	2.0	..	1.3	0	0	4	00	0	1	0	1	1	0	1	23	0
	1130		..	..	..	17.7	11.2	5.4	9.2	46	..	2.0	..	1.7	0	0	9	00	0	0	0	1	0	8	0	17	0
	1730		..	..	..	14.3	9.8	5.7	9.3	58	..	3.3	..	3.7	0	0	19	00	0	0	0	6	0	8	1	10	0
CHAINPUR	0830		..	..	..	17.1	13.1	9.9	12.3	64	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	18.8	13.7	9.6	12.0	56	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BARAHAKSHETRA	0830	146	1011.3	994.4	..	21.1	15.6	10.9	13.5	54	..	1.8	..	1.3	0	0	17	01	0	1	4	1	6	2	2	14	0
	1130	146	1009.3	992.9	..	28.0	18.2	10.1	13.0	36	..	1.8	..	4.1	0	0	29	00	1	0	0	0	12	15	1	2	0
	1730	146	1006.1	989.7	..	27.0	17.7	9.5	12.8	38	..	1.9	..	1.2	0	0	15	01	1	1	1	1	6	3	1	16	0
TISTA CATCHMENT																											
GANGTOK	0830	1812	1493.1	818.7	..	11.8	9.3	7.2	10.1	74	..	4.3	..	2.5	0	0	11	03	6	0	1	1	0	0	0	20	0
	1130	1812	1484.7	818.3	..	16.3	11.7	8.0	10.7	61	..	5.1	..	8.1	0	0	30	00	3	0	1	3	21	2	0	1	0
	1730	1812	1466.6	814.3	..	13.3	10.4	7.9	10.7	72	..	7.1	..	4.4	0	0	17	00	3	0	1	10	1	0	2	14	0
GEZING	0830		(R)																								
	1730		(R)																								

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METEOROLOGICAL DEPARTMENT

भारतीय मौसम पुनरीक्षण

INDIA WEATHER REVIEW

1968

मासिक मौसम रिपोर्ट

MONTHLY WEATHER REPORT

अप्रैल

APRIL

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INDIA WEATHER REVIEW, 1968

Monthly Weather Report

APRIL

MONTHLY WEATHER REPORT

FOR

APRIL 1968

C O N T E N T S

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MEANINGS OF SYMBOLS AND ABBREVIATIONS IN TABLES II AND III

Symbol/Abbreviation	Meaning
(a)	Mean/total for 30 days
(b)	Mean/total for 29 days
(c)	Mean/total for 28 days
(d)	Mean/total for 27 days
(e)	Mean/total for 26 days
(f)	Mean/total for 25 days
(g)	Mean/total for 24 days
(h)	Mean/total for 23 days
(i)	Mean/total for 22 days
(j)	Mean/total for 21 days
(k)	Mean/total for 20 days
(l)	Mean/total for 19 days
(m)	Mean/total for 18 days
(n)	Mean/total for 17 days
(o)	Mean/total for 16 days
(p)	Mean/total for 15 days
(q)	Mean/total for 14 days
*	Closed during winter months
(R)	Register not received, hence data not available.
#	Data for less than 15 days, hence no means published
ds	Days
●	Data rejected
D.N.	Data not available
E	Estimated
H	Provisional height.

INDIA WEATHER REVIEW, 1968
Monthly Weather Report
APRIL

Published by the Authority of the Government of India

Chief features :

1) Movement of six western disturbances across northwest India causing light or moderate precipitation there;

2) Good seasonal thundershower activity over the Peninsula and the central parts of the country, particularly during the second fortnight.

3) Moderate thundershower activity over Assam and sub-normal activity over rest northeast India.

Six western disturbances affected northwest India during the month, but most of them were feeble and caused only light or moderate precipitation there. The first western disturbance lying over Baluchistan on 31st March moved eastwards across north India and passed across Assam by 5th April causing isolated precipitation over the Western Himalayas and northeast India. The second western disturbance which also developed over southern parts of West Pakistan an induced low moved across northwest India during the second half of the first week. This was followed immediately by another western disturbance. These caused a spell of moderate precipitation over the Western Himalayas. The fourth western disturbance moved rather slowly across northwest India during the later half of the second week causing fairly good precipitation in the Western Himalayas, and adjoining plains. The last two western disturbances were somewhat feeble and caused only isolated precipitation in the Western Himalayas during the last week. The details of the movement and activity of the various western disturbances are given in the accompanying statement.

The seasonal thundershower activity over the Peninsula and central parts of the country was sub-normal during the first fortnight. An upper air cyclonic circulation lay over the central parts of the Peninsula at the beginning of the month. Later it shifted slightly northwards and persisted over the north Peninsula on most of the days till the end of the second week. In association with it, scattered or isolated thunder showers occurred over the south Peninsula during this period and isolated thundershowers over the north Peninsula and the central parts of the country during the second week. The seasonal low pressure area over the Peninsula remained well marked throughout the second fortnight. A trough in the upper tropospheric westerlies extending from the Western Himalayas to Gujarat State also developed on 19th. Without any appreciable movement, it accentuated into a cyclonic circulation over Rajasthan on 21st and 22nd. Later it weakened into a well marked trough and shifted slightly eastwards. It once again accentuated into a cyclonic circulation over Andhra Pradesh on 28th and 29th . Thereafter, it began to weaken and move eastwards. In association with these developments, there was good thundershower activity over the Peninsula and the central parts of the country during the second fortnight. The seasonal thundershower activity over northeast India also increased considerably during the last week. Some of the noteworthy amounts of rainfall recorded were : Mangalore 9 cm on 16th, Atirampattinam 6 cm on 17th, Coonoor 7 cm, Kodaikanal 6 cm and Madurai 5 cm on 20th, Panjim (Goa) and Coonoor 6 cm each and Pondicherry 5 cm on 21st, Coimbatore (Airport) 6 cm and Coimbatore 5 cm on 23rd and Madurai and Sibsagar 6 cm each and Pamban 5 cm on 25th.

The seasonal thundershower activity was moderate over Assam and sub-normal over rest northeast India. In association with the first western disturbance which moved across northeast India during the middle of the first week, there was a spell of good thundershowers over Assam and a few showers over West Bengal and Bihar Plains. Later the seasonal trough of low pressure over northeast India became active and remained so till about the middle of the month. An upper air cyclonic circulation which developed over northeast Bihar State and neighbourhood at the end of the first week moved to West Bengal where it weakened off by 10th. A low pressure area also formed over northeast Madhya Pradesh on 14th and moved away eastwards across Assam by 17th. These developments led to the continuation of the thundershower activity over Assam. Later during the third week, the activity decreased considerably, although a few thundershower occurred there in association with two low pressure areas moving from Bihar to Assam during the period 18th - 24th. The thundershower activity again increased over Assam and other parts of northeast India during the last week when the well marked trough, in the upper tropospheric westerlies moved across the area as mentioned earlier.

Night temperatures were below normal over the central parts of the country, the north Peninsula and most parts of northeast India during the month except for a few days in the second week. They were markedly below normal there during the first week. They were also below normal over the south Peninsula during the last ten days with markedly below normal temperatures over the Peninsula in general during the last week. Over northwest India, Uttar Pradesh and Gujarat State, night temperatures were appreciably below normal during the first and third weeks. They were above normal over northwest India during the last week.

Day temperatures were also below normal over the central parts of the country and the Peninsula during the second fortnight being appreciably to markedly so on a number of days. They were also below normal over Assam during the first fortnight and over the other parts of northeast India during the first week and over northwest India and Uttar Pradesh during the second week, being appreciably so over Uttar Pradesh. Day temperatures over northwest India remained generally above normal during the last ten days.

The total rainfall for the month was in large excess in Vidarbha, Rayalaseema, Madras and Coastal Andhra Pradesh, in moderate excess in Konkan, Coastal Mysore and North Interior Mysore, in slight excess in East Madhya Pradesh and Arabian Sea Islands. It was normal in Bay Islands, Assam, Marathwada and south Interior Mysore. It was slight defect in East Uttar Pradesh, Jammu and Kashmir, west Madhya Pradesh, Madhya Maharashtra and Kerala, in moderate defect in Orissa, West Uttar Pradesh, Punjab, Himachal Pradesh and Telangana and in large defect over rest of the country. There was no rain in Gujarat and Saurashtra Kutch.

The mean Maximum temperature was below normal in Assam, Haryana, East Madhya Pradesh. It was normal over the rest of the country.

The mean Minimum temperature was below normal in South Assam, Bihar Plains, Haryana, Punjab, Jammu and Kashmir, Madhya Pradesh, Saurashtra Kutch, Konkan, Marathwada, Vidarbha, Madras, Coastal Mysore and Arabian Sea Islands. It was normal over the rest of the country.

The mean Relative Humidity in the morning was above normal in South Assam, Himachal Pradesh and Vidarbha. It was normal over the rest of the country.

The mean Relative Humidity in the evening was above normal in South Assam, Bihar Plains, Himachal Pradesh, west Rajasthan and East Madhya Pradesh and normal over the rest of the country.

The mean cloud amount in the morning was above normal over Orissa, Bihar, East Uttar Pradesh, west Rajasthan, Madhya Pradesh, Saurashtra Kutch, Vidarbha, Telangana and North Interior Mysore and below normal in Punjab, Jammu and Kashmir and Konkan. It was normal over the rest of the country.

The mean cloud amount in the evening was above normal in South Assam, Sub-Himalayan West Bengal, Orissa, Bihar, East Uttar Pradesh, Madhya Pradesh, Saurashtra Kutch and North Interior Mysore and below normal in Jammu and Kashmir and Konkan. It was normal over the rest of the country.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 17 chief political divisions and the 33 sub-divisions. The stations whose, observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. IST of the date noted in the succeeding column; similarly the heaviest rainfall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. IST of the date given in the succeeding column.

Poona-5;

21 May 1968.

R. ANANTHAKRISHNAN,

for Director General of Observatories.

SG/

Statement showing the movement and activity of Western Disturbances during April 1968.

S.No.	Period	Course	Regions affected	Nature of Precipitation	Period	Remarks
1.	31/3-5th	Baluchistan - Central Parts of West Pakistan, Uttar Pradesh-West Bengal-Assam	Jammu & Kashmir and West Uttar Pradesh	Isolated rain or snow	2nd	
			Himachal Pradesh	Scattered rain	2nd	
			Bihar Plains	Isolated rain	3rd & 4th	
			Gangetic West Bengal	Isolated rain	3rd	
			Sub-Himalayan West Bengal	Scattered rain	3rd	
			South Assam	Isolated rain	3rd	
			South Assam	Fairly widespread/ widespread rain	4th & 5th	
			North Assam	Scattered/isolated rain	3rd to 5th	
2.	4th - 7th	Afghanistan-northern divisions of West Pakistan - Jammu & Kashmir	Jammu & Kashmir	Isolated/scattered rain	6th,7th, 8th	
2(a)	4th - 8th	Southern parts of West Pakistan and adjoining Rajasthan - Punjab - Haryana - Western Himalayas				Induced low moved slowly northeastwards
3.	8th - 10th	Southern parts of West Pakistan - North Rajasthan - Punjab - Haryana Western Himalayas	Jammu & Kashmir	Fairly widespread rain or snow	9th & 10th	
			Himachal Pradesh	Isolated rain	10th	
			West Uttar Pradesh	Isolated rain or snow	10th	
4.	12th - 16th	Central parts of West Pakistan - Western Himalayas	Jammu & Kashmir	Isolated/scattered rain or snow	13th & 16th	Slow eastward movement
			Jammu & Kashmir	Widespread rain or snow	14th & 15th	
			Himachal Pradesh	Isolated rain	13th & 14th	
			Himachal Pradesh	Widespread rain	15th	
			Punjab	Isolated rain	14th & 15th	
			West Uttar Pradesh	Isolated rain or snow	14th & 17th	
			West Uttar Pradesh	Fairly widespread rain or snow	15th	
5.	20th - 27th	West Rajasthan and adjoining West Pakistan, Uttar Pradesh	Jammu & Kashmir	Scattered rain	23rd	Persisted near Uttar Pradesh from 24th and weakened by 27th.
			Himachal Pradesh	Isolated rain	23rd	
			West Uttar Pradesh	Isolated rain	23rd & 27th	
6.	25th - 28th	Afghanistan - West Pakistan - Jammu & Kashmir	Jammu & Kashmir	Isolated rain	27th	
			Himachal Pradesh	Isolated rain	26th	

TABLE I - DIVISIONAL AND SUB-DIVISIONAL MEANS - APRIL 1968 (CHAITRA 12- VAISAKHA 12, 1890 SAKA)

DIVISION	Rainfall (millimetres)	Percentage of normal	Mean maximum temperature °C	Mean minimum temperature °C	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud Amount (Oktas) 0830 hrs. IST.	Cloud Amount (Oktas) 1730 hrs. IST.
1	2	3	4	5	6	7	8	9
1.ASSAM(INCLUDING	155.5	96	29.9	19.1	76	67	4.1	4.0
NEFA,N.L.ETC)	- 7.3		-1.5	-0.9	+ 5	+ 6	+0.3	+0.3
2.WEST BENGAL	12.8	24	36.0	23.2	61	47	2.8	3.2
	- 40.5		+0.1	-0.3	0	- 1	0.0	+0.4
3.ORISSA	17.0	62	36.5	23.8	62	50	3.0	4.1
	- 10.4		-0.6	-0.8	+ 1	+ 2	+0.7	+0.7
4.BIHAR	4.7	29	37.1	21.7	47	31	2.5	3.4
	- 11.5		-0.6	-0.9	+ 4	+ 4	+0.8	+1.3
5.UTTAR PRADESH	5.5	67	36.3	19.8	41	28	1.5	2.3
	- 2.7		-0.8	-0.8	+ 2	+ 5	+0.2	+0.7
6.HARYANA(INCLU.	2.6	25	34.7	18.2	44	25	1.3	1.7
DELHI CHANDIGARH)	- 7.6		-1.2	-1.5	+ 4	+ 3	0.0	0.0
7.PUNJAB	5.4	51	34.1	16.3	48	28	1.5	2.4
	- 5.1		-0.6	-1.5	+ 2	+ 1	-0.4	-0.1
8.HIMACHAL	21.0	74	31.2	15.1	67	40	2.9	3.2
PRADESH	- 7.4		-0.4	+0.9	+ 7	+ 8	+0.1	-0.5
9.JAMMU AND	32.5	76	22.1	7.3	56	45	2.5	2.8
KASHMIR	- 10.4		+0.5	-1.6	0	+ 2	-0.9	-2.3
SUB - DIVISION								
SUB-DIVISION								
1.BAY ISLANDS	90.6	100	32.4	24.0	72	77	4.2	4.5
	+ 0.2		+0.6	-0.5	- 2	- 2	-0.5	-0.5
2.NORTH ASSAM	149.8	96	29.7	19.0	76	67	4.2	3.5
(INCLUDING NEFA)	- 7.0		-1.5	-0.9	+ 5	+ 5	+0.2	-0.3
3.SOUTH ASSAM	169.3	95	30.2	19.2	75	68	4.0	4.9
(INCL.N.LAND ETC)	- 8.0		-1.8	-1.1	+ 6	+ 9	+0.5	+1.4
4.SUB-HIMALAYAN	21.9	24	33.7	20.2	60	45	3.2	2.8
WEST BENGAL	- 69.2		+0.3	-0.4	- 2	- 3	+0.2	+0.7
5.GANGETIC WEST-	9.8	24	36.9	24.4	62	49	2.6	3.4
BENGAL	- 30.9		+0.1	-0.3	+ 1	+ 1	-0.1	+0.4
6.ORISSA	17.0	62	36.5	23.8	62	50	3.0	4.1
	- 10.4		-0.6	-0.8	+ 1	+ 2	+0.7	+0.7
7.BIHAR PLATEAU	5.7	29	37.3	22.2	43	26	2.5	4.1
	- 13.9		-0.6	-0.7	+ 1	+ 1	+0.6	+1.2
8.BIHAR PLAINS	4.2	30	36.9	21.2	50	34	2.5	2.9
	- 9.9		-0.7	-1.2	+ 5	+ 6	+1.0	+1.3
9.UTTAR PRADESH	4.2	79	37.3	20.9	40	28	1.8	2.5
(EAST)	- 1.1		-0.9	-0.6	+ 2	+ 5	+0.6	+1.1
10.UTTAR PRADESH	7.4	59	34.7	18.4	43	27	1.2	1.9
(WEST)	- 5.1		-0.6	-0.8	+ 4	+ 4	-0.2	-0.1
11.HARYANA(INCLU.	2.6	25	34.7	18.2	44	25	1.3	1.7
DELHI CHANDIGARH)	- 7.6		-1.2	-1.5	+ 4	+ 3	0.0	0.0
12.PUNJAB	5.4	51	34.1	16.3	48	28	1.5	2.4
	- 5.1		-0.6	-1.5	+ 2	+ 1	-0.4	-0.1
13.HIMACHAL	21.0	74	31.2	15.1	67	40	2.9	3.2
PRADESH	- 7.4		-0.4	+0.9	+ 7	+ 8	+0.1	-0.5
14.JAMMU AND KASH-	32.5	76	22.1	7.3	56	45	2.5	2.8
-MIR	- 10.4		+0.5	-1.6	0	+ 2	-0.9	-2.3
15.RAJASTHAN(WEST)	0.5	17	37.6	20.4	44	31	1.6	2.3
	- 2.5		+0.5	-1.0	+ 5	+ 8	+0.3	+0.2
16.RAJASTHAN(EAST)	0.2	7	37.4	20.6	34	22	1.6	2.6
	- 2.7		+0.1	-0.7	- 2	- 1	+0.2	+0.4
17.MADHYA PRADESH	4.2	82	37.6	20.7	35	21	2.4	[illegible]
(WEST)	- 0.9		-0.5	-1.2	+ 5	+ 4	+0.8	+0.9

DIVISION	Rainfall (millimetres)	Percentage of normal	Mean maximum temperature °C	Mean minimum temperature °C	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud Amount (Oktas) 0830 hrs. IST.	Cloud Amount (Oktas) 1730 hrs. IST.
1	2	3	4	5	6	7	8	9
10.RAJASTHAN	0.3	10	37.4	20.5	39	26	1.6	2.4
	- 2.7		+0.1	-0.8	+ 2	+ 3	+0.3	+0.2
11.MADHYA PRADESH	10.1	106	37.3	20.8	38	24	2.6	3.8
	+ 0.6		-0.9	-1.3	+ 5	+ 5	+0.9	+1.0
12.GUJARAT STATE	0.0	0	36.4	21.8	64	37	2.0	1.8
(INCLU.DIU ETC)	- 1.3		-0.3	-0.9	+ 3	0	+0.5	+0.4
13.MAHARASHTRA	12.8	117	36.7	22.6	52	36	2.1	3.1
STATE(INCL.GOA)	+ 1.9		-0.4	-1.4	+ 1	+ 1	-0.1	0.0
14.ANDHRA PRADESH	27.5	153	36.6	24.6	66	45	3.6	3.7
	+ 9.5		-0.5	-0.9	+ 2	+ 1	+0.4	+0.4
15.MADRAS STATE	96.4	231	34.2	24.1	75	60	4.1	4.5
(INCL.PONDICH.)	+ 54.6		-0.5	-1.3	+ 3	+ 3	+0.1	+0.3
16.MYSORE	42.9	119	34.9	22.3	66	43	3.0	4.7
	+ 6.8		-0.2	-0.7	0	0	0.0	+0.4
17.KERALA	120.2	86	33.1	24.4	78	71	4.3	5.9
	- 18.9		-0.2	-0.7	0	+ 1	-0.2	+0.4
SUB-DIVISION								
SUB-DIVISION(CONTD)								
18.MADHYA PRADESH	18.0	117	36.9	21.1	42	28	3.0	4.1
(EAST)	+ 2.6		-1.3	-1.2	+ 5	+ 6	+1.2	+1.2
19.GUJARAT REGION	0.0	0	38.8	22.4	51	23	1.4	1.6
(INCL.DAMAN ETC)	- 2.1		-0.2	-0.5	+ 1	0	0.0	+0.2
20.SAURASHTRAKUTCH	0.0	0	34.7	21.4	73	47	2.4	2.0
(INCLUDING DIU)	- 0.8		-0.5	-1.1	+ 5	+ 1	+0.8	+0.6
21.KONKAN	9.0	136	31.2	23.7	75	70	2.0	1.7
(INCLUDING GOA)	+ 2.4		-0.5	-1.4	+ 2	+ 2	-0.9	-0.6
22.MADHYA-	10.8	78	39.0	21.9	44	24	1.7	3.6
-MAHARASHTRA	- 3.0		+0.2	-0.6	- 3	0	-0.1	+0.3
23.MARATHWADA	6.8	99	38.3	21.6	31	20	1.5	4.0
	- 0.1		-0.5	-1.8	- 5	- 2	-0.2	+0.6
24.VIDARBHA	20.7	153	38.5	22.5	45	24	2.8	3.7
	+ 7.2		-0.9	-2.4	+ 6	+ 2	+0.5	+0.3
25.COASTAL ANDHRA	33.3	222	35.4	24.9	73	61	4.1	3.5
-PRADESH	+ 18.3		-0.2	-0.8	0	- 1	+0.4	+0.5
26.TELANGANA	12.9	58	37.8	24.3	61	32	3.4	3.6
	- 9.4		-0.8	-1.0	+ 4	+ 5	+0.6	+0.2
27.RAYALASEEMA	40.0	231	37.1	24.6	58	33	2.5	4.3
	+ 22.7		-1.0	-0.7	+ 2	+ 3	-0.3	+0.5
28.MADRAS STATE	96.4	231	34.2	24.1	75	60	4.1	4.5
(INCL.PONDICH.)	+ 54.6		-0.5	-1.3	+ 3	+ 3	+0.1	+0.3
29.COASTAL MYSORE	34.8	139	32.8	24.2	73	66	3.5	4.2
	+ 9.8		+0.3	-1.2	- 2	- 3	-0.3	+0.2
30.INTERIOR MYSORE	43.2	147	36.8	22.4	55	33	2.9	4.8
(NORTH)	+ 13.9		-0.5	-0.7	- 2	- 1	+0.6	+0.8
31.INTERIOR MYSORE	46.8	98	34.0	21.0	73	40	2.8	4.9
(SOUTH)	- 0.9		-0.3	-0.6	+ 2	+ 5	-0.6	0.0
32.KERALA	120.2	86	33.1	24.4	78	71	4.3	5.9
	- 18.9		-0.2	-0.7	0	+ 1	-0.2	+0.4
33.ARABIAN SEA-	44.0	115	31.9	25.4	76	71	4.0	4.9
ISLANDS	+ 5.6		-0.2	-1.3	+ 2	- 3	0.0	+0.3

Note :- The entries in the second line for each division and sub-division indicate departures from normal.

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - APRIL 1968 (CHAITRA 12- VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation: 0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BAY ISLANDS																											
MAYA BANDAR	32.7	+1.4	35.1	23	24.7	0.0	21.5	28	94.4	80.8	+ 37.3	40.4	30	3	+ 0.5	10.3	7.5	+1.1	0	4	0	0	3	0	0	0	0	0
LONG ISLAND	32.5	-0.2	34.0	24	23.6	-1.0	22.0	03	2.3	83.8	+ 21.4	71.2	28	4	+ 0.6	6.4	3.6	+1.7	0	5	0	0	4	0	0	0	0	0
PORT BLAIR	33.2	+1.3	34.4	20	24.1	-0.1	22.2	28	39.1	69.1	+ 8.1	33.2	28	4	- 0.5	8.0	5.9	-2.8	0	6	0	0	8	0	0	0	0	0
CAR NICOBAR	32.3	+0.2	33.4	11	22.6	-0.6	18.7	03	24.6	98.2	- 11.0	52.0	27	6	+ 0.1	4.3	3.6	+0.6	0	7	0	0	1	0	0	0	0	0
NAN COWRY	33.8	+1.5	35.8	04	25.1	-0.1	22.5	28	64.3	109.7	- 16.2	32.0	06	6	- 2.0	1.6	0.7	-1.3	1	11	0	0	12	0	0	0	0	0
KONDUL	30.1	-0.3	31.4	26	23.8	-1.5	21.5	28	32.6	102.0	- 38.5	51.0	28	5	- 2.6	4.2	2.5	-0.4	0	8	0	0	7	0	0	0	0	0
NORTH ASSAM (INCLUDING NEFA)																												
PASIGHAT	26.6	-1.9	33.3	22	18.5	-1.1	14.5	06	23.1	181.9	- 31.8	54.6	12	11	+ 0.6	8.3	11.3	-0.5	0	13	0	1	10	0	0	0	1	0
DIBRUGARH (MOHANBARI)	27.3	-1.2	33.6	23	18.1	-0.9	12.2	05	28.3	211.3	- 2.5	65.3	11	12	- 0.7	8.2	6.0	+1.0	0	16	0	0	15	0	0	1	1	0
DIGBOI	27.4	-1.4	34.4	23	17.3	-1.5	12.6	05	13.5	127.5	- 96.2	32.8	13	11	- 3.4	..	..	..	0	16	0	0	0	0	0	0	0	0
NORTH LAKHIMPUR	27.7	-1.1	33.4	23	17.2	-2.2	11.1	01	8.1	104.1	- 39.4	26.2	10	10	- 0.4	8.4	5.1	..	0	16	0	0	6	0	0	0	0	0
SIBSAGAR	..	..	..	..	..	..	..	..	37.6	352.9	+ 95.1	77.0	15	12	- 1.6	..	..	..	0	14	..	..	..	..	..	.	..	.
GOHPUR	28.8	-1.6	34.4	23	17.1	-2.0	10.8	05	15.6	151.9	+ 23.0	26.4	11	12	+ 5.0	.	4.0	..	0	13	0	0	0	0	0	0	0	0
MAJBAT	30.0	..	36.0	24	19.4	..	13.0	02	0.0	154.5	- 2.9	52.3	29	7	- 2.0	7.7	5.7	-1.3	0	7	0	0	0	0	0	0	0	0
JORHAT AERODROME	28.7	..	40.0	24	19.0	..	13.3	05	70.2	306.2	..	56.6	16	10	..	..	..	..	0	13	0	0	15	0	0	0	0	0
TANGLA	30.2	-1.5	35.4	23	19.4	+0.1	10.8	01	0.0	197.4	+ 6.8	64.2	10	9	0.0	4.6	4.5	+1.2	0	10	0	0	0	0	0	0	0	0
TEZPUR	29.5	-0.8	35.6	23	19.4	-0.8	14.8	01	17.6	188.0	+ 30.3	48.0	15	12	+ 1.0	7.3	7.9	+1.2	0	13	0	0	0	0	0	0	0	0
GOLAGHAT	28.5	-2.0	34.6	23	18.5	-1.5	12.9	02	26.0	163.6	+ 61.2	49.8	09	12	+ 2.6	..	..	..	0	14	0	0	0	0	0	0	0	0
RANGIA	30.5	-2.4	36.2	24	19.7	-0.1	12.1	01	8.2	153.6	+ 71.6	37.0	15	9	+ 2.7	..	..	..	0	9	0	0	0	0	0	0	0	0
CHAPARMUKH	31.5	-2.2	37.0	24	21.6	+0.7	13.5	01	5.2	60.6	- 53.2	22.6	30	7	+ 0.5	..	..	..	0	8	0	0	12	1	0	0	0	0
GOALPARA	31.7	-1.3	36.6	24	18.9	-1.5	13.9	04	17.8	150.5	- 27.4	46.4	15	9	+ 1.2	6.5	5.0	+0.2	0	13	0	0	0	0	0	0	0	0
GAUHATI (BHORJOR)	30.4	-1.5	35.3	24	19.0	-1.1	10.3	01	47.4	139.5	+ 18.5	32.0	30	10	+ 1.6	8.5	6.2	..	0	12	0	1	15	0	0	1	2	0
DHUBRI (RUPSI)	32.4	-1.8	38.2	23	19.9	-1.3	11.1	01	6.1	66.6	- 62.1	29.9	07	8	+ 3.3	11.2	9.7	+3.2	0	10	0	0	5	0	0	0	0	0
DHUBRI	31.6	0.0	37.4	25	20.4	-1.1	13.5	01	14.4	89.8	- 72.3	33.6	28	7	- 2.0	14.2	11.5	+3.0	0	9	0	0	4	0	0	0	0	0
LUMDING	31.9	-1.1	38.2	23	19.5	+0.4	10.4	01	21.2	53.2	- 38.0	15.2	16	5	- 2.6	8.0	5.5	..	0	8	0	0	2	1	0	0	0	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																												
TURA	31.1	-1.4	35.9	25	22.4	+0.3	15.1	04	45.2	91.0	- 25.1	33.1	29	7	+ 2.5	9.3	9.9	-0.2	0	10	0	0	0	0	0	0	0	0
HAFLONG	26.8	-1.3	27.9	28	15.4	-3.3	9.7	06	81.1	131.3	- 64.9	26.3	16	11	+ 0.1	..	..	..	0	14	0	0	10	0	0	0	0	0
SILCHAR (KUMBHIRGRAM)	31.3	-1.5	35.3	24	20.1	-0.7	14.5	01	57.6	221.8	+ 0.7	74.3	09	12	+ 1.0	4.3	8.1	+0.1	0	15	0	1	16	1	0	0	1	0
SILCHAR	28.7	-2.8	33.0	24	20.9	+0.1	14.9	01	33.4	184.4	-185.4	70.4	13	11	- 3.2	2.3	1.6	-1.1	0	15	0	0	18	0	0	0	0	0
IMPHAL (TULIHAL)	27.9	-1.5	32.5	24	13.9	-1.6	6.2	02	45.6	97.4	+ 6.1	21.9	16	9	+ 1.0	10.2	6.7	-2.3	0	11	0	2	14	1	0	0	0	0
KAILASHAHAR	32.4	-2.1	36.1	24	20.3	-1.4	12.1	01	104.3	261.6	+136.5	110.6	16	10	+ 3.5	6.9	4.7	+0.2	1	14	0	4	18	0	0	0	2	0
AGARTALA	33.1	-2.0	35.9	23	21.6	-1.2	14.5	01	83.1	197.7	+ 76.4	46.5	17	8	+ 2.1	11.8	8.9	-2.0	1	10	0	1	12	0	0	0	0	0
SUB-HIMALAYAN WEST BENGAL																												
BAGHDOGRA	34.0	+0.8	40.1	22	18.5	-1.1	10.0	01	0.0	16.0	- 44.0	9.0	26	2	- 1.8	15.0	12.4	+3.4	0	3	0	0	4	0	0	0	0	0
JALPAIGURI	31.9	+0.3	36.9	22	20.7	+0.3	13.[illegible]	01	13.2	26.4	- 87.4	13.2	08	3	- 3.2	10.2	8.9	+1.0	1	5	0	0	2	0	0	0	0	0
COOCH BEHAR AERODROME	32.0	-0.6	37.5	22	19.2	-1.1	10.4	01	3.7	45.0	-111.2	24.5	03	5	- 2.5	10.5	8.1	+1.2	0	7	0	1	9	0	0	0	0	0
BALURGHAT	36.3	..	40.6	27	20.9	..	12.4	01	2.3	13.3	..	11.0	03	1	..	8.0	6.2	..	0	2	0	1	1	0	0	0	0	0
MALDA	36.7	+0.7	41.9	23	22.5	+0.4	14.7	01	0.0	0.2	- 34.3	0.2	26	0	- 2.4	4.3	3.2	-4.8	1	0	0	0	3	0	0	0	0	0
GANGETIC WEST BENGAL																												
BERHAMPORE	37.9	+0.3	45.6	11	..	..	4..	..	5.4	5.9	- 40.1	5.4	15	1	- 2.2	4.7	4.0	-0.9	0	2	0	0	2	0	0	0	0	0
SURI	38.2	-0.7	42.7	11	24.1	+0.1	17.1	01	..	1.9	- 19.1	1.5	20	0	- 1.1	.	7.6	-2.5	0	2	0	0	0	0	0	0	0	0
ASANSOL	39.0	+0.5	42.9	23	23.2	-0.6	12.7	01	0.0	0.0	- 26.2	0.0	..	0	- 2.1	8.9	6.0	-2.2	0	0	0	0	2	0	0	0	0	0
SHANTI NIKETAN	37.9	..	41.9	10	23.4	..	16.5	01	0.0	0.4	..	0.4	26	0	..	12.0	8.7	..	0	1	0	0	4	0	0	0	0	0
KRISHNANAGAR	37.9	0.0	42.3	12	23.0	-0.4	13.5	01	7.1	34.3	- 33.0	24.8	15	2	- 2.2	12.4	8.7	0.0	1	3	0	0	5	0	0	0	0	0
PURULIA	37.7	-1.3	41.3	09	24.3	-0.4	17.5	01	1.9	9.7	- 13.7	7.2	27	1	- 1.5	7.3	5.8	+0.3	0	4	0	0	3	0	6	0	0	0
BANKURA	39.0	..	43.0	10	24.7	..	17.3	01	0.0	2.5	- 32.6	2.0	18	0	- 2.8	2.7	2.1	..	0	2	0	0	0	0	0	0	0	0
BURDWAN	38.9	+1.4	42.2	10	24.6	+0.3	18.6	04	0.0	0.0	- 55.6	0.0	..	0	- 3.5	3.5	2.6	-4.1	0	0	0	0	0	0	0	0	0	0
CALCUTTA (DUM DUM)	35.8	-0.2	39.2	11	24.1	-0.2	16.6	01	17.2	17.2	- 26.9	15.4	18	1	- 1.8	14.2	11.8	-1.2	0	2	0	0	7	0	0	0	1	0
CALCUTTA	36.5	+0.2	40.2	11	23.6	-1.4	17.8	04	13.8	21.3	- 29.2	10.7	16	2	- 1.3	10.1	8.5	+1.1	0	3	0	1	7	0	0	0	4	0
MIDNAPORE	38.2	-0.2	42.0	12	25.1	+0.5	19.5	01	10.2	24.6	- 27.0	12.2	19	2	- 1.4	7.8	7.8	+0.2	1	3	0	0	3	0	0	0	0	0
CONTAI	34.3	+0.4	39.9	24	25.6	-0.3	19.3	01	0.0	0.0	- 25.7	0.0	..	0	- 1.9	18.8	13.9	-1.8	0	0	0	0	0	0	0	0	0	0
SAGAR ISLAND	31.5	+0.2	37.9	24	26.8	+0.3	21.6	04	0.0	0.0	- 42.4	0.0	..	0	- 2.5	26.1	26.0	-1.4	0	0	0	0	0	0	0	0	0	0
SANDHEADS	31.0	..	34.3	20	26.9	..	23.4	16	0.0	0.0	- 16.8	0.0	..	0	- 1.3	..	..	..	0	0	0	0	0	0	0	0	0	0
ORISSA																												
BARIPADA	39.1	-0.6	42.7	10	23.8	-0.4	17.2	[illegible]	16.2	25.6	- 6.4	13.6	14	4	+ 1.2	5.4	4.4	+0.7	0	5	0	1	12	0	0	0	0	0
JHARSUGUDA	38.3	-1.8	41.4	16	23.1	-1.1	16.0	01	0.0	1.4	- 8.4	0.9	10	0	- 1.2	10.0	7.3	-0.5	0	2	0	0	3	0	0	0	0	0
KEONJHARGARH	36.9	-0.4	38.9	04	21.7	-1.6	15.2	01	15.0	28.4	- 8.5	11.0	10	4	+ 0.6	11.1	7.2	+0.3	2	4	0	0	0	0	0	0	0	0
BALASORE	36.3	+0.1	40.4	10	24.1	-0.7	18.4	01	9.1	28.9	- 21.4	20.0	10	3	- 0.8	14.8	12.1	+0.3	0	3	0	1	3	0	0	0	0	0
SAMBALPUR	38.3	-1.3	41.1	30	21.6	-2.2	15.9	05	0.0	0.0	- 15.0	0.0	..	0	- 1.5	3.3	3.1	-2.2	0	0	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER – APRIL 1968 (CHAITRA 12- VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena – No. of days with: Precipitation 0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
ORISSA (CONTD.)																												
ANGUL	38.5	-0.4	41.9	17	24.0	-0.9	18.6	01	10.2	24.8	- 3.9	14.6	18	3	+ 0.7	3.5	2.5	-5.5	0	3	0	0	5	0	0	0	0	0
CHANDBALI	36.5	+0.1	39.9	24	24.0	-1.0	20.0	01	0.0	9.4	- 41.1	9.4	10	1	- 2.4	16.0	12.1	-2.4	0	1	0	0	0	0	0	0	0	0
BOLANGIR	38.6	-1.4	41.8	17	24.6	-1.2	19.1	01	2.8	10.8	- 11.4	6.8	18	1	- 0.6	7.0	8.1	+0.7	1	4	0	0	3	0	0	0	0	0
PHULBANI	36.1	..	39.0	17	19.2	..	11.0	05	16.0	23.6	..	8.6	14	4	..	6.6	3.7	..	0	6	0	0	0	0	0	0	0	0
CUTTACK	38.0	-0.3	41.4	23	25.7	+0.4	23.2	10	0.0	2.1	- 28.6	2.1	10	0	- 2.1	9.7	8.4	+0.7	0	1	0	0	0	0	1	0	0	0
TITLAGARH	38.8	-0.5	42.1	13	23.5	-1.8	19.3	05	8.7	16.7	+ 4.1	8.4	13	2	+ 0.7	3.8	3.0	-1.1	0	8	0	0	10	0	0	0	0	0
BHUBANESWAR	37.0	-1.0	40.6	23	24.7	-1.0	21.5	01	8.8	11.8	- 0.6	8.8	06	2	+ 0.9	22.1	19.8	-4.9	0	2	0	0	6	1	0	0	0	0
PURI	41.7	+1.0	33.4	03	25.0	-1.6	20.8	05	0.0	0.0	- 16.0	0.0	..	0	- 1.2	18.6	19.1	-4.9	0	0	0	0	0	0	0	0	0	0
GOPALPUR	31.1	0.0	33.9	17	24.1	-1.0	22.0	25	0.5	12.1	- 6.2	4.4	19	2	+ 0.4	20.5	17.5	-5.0	0	6	0	0	8	1	0	0	0	0
KORAPUT	32.0	-1.6	35.6	09	22.9	+2.2	16.5	27	25.6	55.6	+ 17.4	20.0	13	7	+ 3.4	..	..	..	0	11	0	0	1	0	0	0	0	0
BIHAR PLATEAU																												
DUMKA	38.2	+0.2	41.6	11	22.8	+0.1	14.9	01	3.0	12.0	- 14.9	12.0	20	1	- 1.2	3.2	1.8	-3.6	0	1	0	0	2	0	0	0	0	0
DALTONGANJ	37.9	-0.4	41.1	29	20.2	-1.0	11.2	01	0.0	0.0	- 10.2	0.0	..	0	- 0.9	..	..	..	0	0	0	0	0	0	0	0	0	0
HAZARIBAGH	35.0	-0.8	38.4	15	19.8	-1.6	10.6	01	6.1	0.8	- 14.9	0.8	26	0	- 1.7	11.5	9.1	-0.7	0	1	0	0	3	0	0	0	0	0
DHANBAD	37.6	0.0	42.0	10	23.0	-0.5	17.0	02	29.4	29.4	+ 10.6	16.8	28	3	+ 1.3	1.1	1.9	-7.2	0	3	0	0	4	0	0	0	0	0
RANCHI AERODROME	34.4	-1.6	38.4	09	20.6	-1.7	14.6	01	0.5	0.5	- 15.2	0.3	29	0	- 1.3	12.0	9.6	-0.3	1	1	0	0	5	0	0	0	1	0
JAMSHEDPUR	38.3	-0.4	41.4	09	23.3	-0.4	16.0	01	0.0	1.7	- 28.6	1.2	29	0	- 2.4	9.2	7.0	+0.7	0	2	0	0	0	0	0	0	0	0
JAMSHEDPUR P.B.O.	38.3	-1.3	41.6	09	24.4	+0.2	17.0	01	0.0	0.0	- 12.5	0.0	..	0	- 1.0	9.5	6.5	+0.8	0	0	0	0	5	0	0	0	0	0
CHAIBASA	38.5	-0.4	41.5	17	23.8	-0.3	14.9	01	1.0	1.0	- 25.7	0.6	24	0	- 2.2	5.9	3.8	-0.2	0	2	0	0	5	0	0	0	0	0
BIHAR PLAINS																												
MOTIHARI	36.5	+0.5	40.4	24	..	..	..	..	0.0	0.0	- 23.1	0.0	..	0	- 1.7	10.6	5.7	+0.3	0	0	0	0	0	0	0	0	0	0
FORBESGANJ	33.6	-3.3	34.0	25	19.0	-1.3	10.3	01	0.0	36.6	+ 20.5	36.0	03	1	- 0.6	11.0	7.6	-2.0	0	2	0	0	2	0	0	0	0	0
DARBHANGA	36.2	+0.3	40.6	24	20.5	-0.8	12.4	01	0.2	0.2	- 19.9	0.2	27	0	- 1.4	6.2	4.5	-1.4	1	0	0	0	0	0	0	0	0	0
MUZAFFARPUR	36.1	..	39.8	22	21.2	..	12.6	01	2.8	1.6	- 12.1	1.6	04	0	- 1.2	..	..	..	0	1	0	0	0	0	0	0	0	0
CHAPRA	37.6	..	41.1	30	23.0	..	16.0	01	0.0	0.0	- 11.3	0.0	..	0	- 0.9	6.7	6.0	..	0	0	0	0	0	0	0	0	0	0
PURNEA	35.8	-0.2	40.9	23	18.4	-2.1	12.9	04	15.4	15.4	- 18.6	15.4	04	1	- 1.1	5.9	4.1	-2.1	0	1	0	0	0	0	0	0	0	0
PATNA	37.9	+0.3	42.2	25	23.1	-0.2	15.4	01	0.0	0.0	- 8.4	0.0	..	0	- 0.8	8.8	7.7	-1.1	0	0	0	0	0	0	0	0	0	0
PATNA AERODROME	37.0	-1.4	40.6	11	21.3	-1.2	14.5	01	0.0	0.0	- 6.4	0.0	..	0	- 0.4	11.1	7.2	-1.2	0	0	0	0	1	0	0	0	0	0
ARRAH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
BHAGALPUR	37.3	-0.6	42.1	23	23.2	-0.4	17.2	04	0.0	0.0	- 8.7	0.0	..	0	- 1.2	10.9	8.4	-2.0	0	0	0	0	3	0	0	0	0	0
SABAUR	37.5	+0.6	41.0	25	19.4	-1.8	9.7	01	0.0	0.0	- 25.1	0.0	..	0	- 1.9	11.3	7.5	-1.9	0	0	0	0	3	0	0	0	1	0
JAMUI	37.8	-1.4	..	..	22.7	-1.0	..	..	0.0	0.0	- 5.6	0.0	..	0	- 0.7	..	..	..	0	0	0	0	0	0	0	0	0	0
DEHRI	38.1	-1.2	41.0	25	21.8	-2.4	15.6	01	0.0	0.0	- 7.1	0.0	..	0	- 0.8	7.4	5.6	-1.8	0	0	0	0	0	0	0	0	0	0
GAYA	38.2	-0.8	41.3	25	22.4	-0.6	12.9	01	0.1	0.3	- 3.5	0.3	26	0	- 0.5	10.5	7.9	-2.5	0	1	0	0	2	0	0	0	0	0
UTTAR PRADESH EAST																												
KHERI	37.1	-0.5	42.3	26	21.0	+0.1	11.1	28	0.0	17.8	+ 15.7	17.8	27	1	+ 0.6	6.6	4.3	-0.8	0	1	0	0	1	0	1	0	0	0
BAHRAICH	36.4	-1.0	41.8	26	21.4	+0.5	12.7	01	0.0	8.2	- 0.4	8.2	27	1	+ 0.3	10.6	7.2	-0.1	0	1	0	0	2	0	0	0	0	0
NAUTANWA	37.0	-0.8	42.0	14	19.6	-0.3	10.8	01	0.0	0.0	- 12.2	0.0	..	0	- 0.6	9.7	6.1	-1.0	0	0	0	0	0	0	0	0	0	0
HARDOI	37.1	-0.8	41.2	26	20.2	-0.4	12.3	01	0.0	8.0	+ 7.0	8.0	27	1	+ 0.8	7.1	5.7	-1.4	0	1	0	0	0	0	0	0	0	0
GONDA	37.6	0.0	42.4	26	20.7	-0.3	13.2	01	0.0	0.0	- 11.9	0.0	..	0	- 0.7	8.8	6.3	-1.1	0	1	0	0	0	0	0	0	0	0
LUCKNOW	36.0	-2.3	40.3	25	20.4	-1.4	15.0	01	0.0	29.8	+ 20.7	29.8	27	1	+ 0.3	..	..	..	0	1	0	0	0	0	0	0	0	0
LUCKNOW (AMAUSI)	36.9	-1.3	41.2	25	19.5	-1.0	10.9	01	0.0	10.3	+ 9.4	10.3	27	1	+ 0.9	11.0	8.0	-1.8	0	1	0	0	1	0	2	0	0	0
FAIZABAD	34.0	-3.1	42.0	26	20.0	0.0	12.4	01	0.0	0.0	- 3.2	0.0	..	0	- 0.4	5.8	3.3	-1.5	0	0	0	0	0	0	0	0	0	0
GORAKHPUR	34.0	+0.6	42.1	30	22.1	-0.3	15.3	01	0.0	0.0	- 10.4	0.0	..	0	- 0.9	9.1	5.6	-0.8	0	0	0	0	0	0	0	0	0	0
KANPUR	37.6	-0.7	41.9	25	20.7	-1.3	12.7	01	0.0	0.0	- 6.1	0.0	..	0	- 0.7	13.4	11.1	-1.0	0	0	0	0	3	0	0	0	0	0
KANPUR (AERODROME)	36.1	..	43.0	28	21.0	..	12.8	01	0.0	1.0	..	1.0	22	1	..	..	..	..	0	0	0	0	3	0	1	0	0	0
SULTANPUR	38.4	0.0	43.4	26	21.9	-0.5	13.7	01	0.0	0.0	- 3.3	0.0	..	0	- 0.2	3.7	2.8	-3.5	0	0	0	0	0	0	0	0	0	0
AZAMGARH	38.4	-0.7	42.7	26	20.6	-1.3	13.6	01	0.0	0.0	- 2.9	0.0	..	0	- 0.3	8.0	5.0	..	0	0	0	0	0	0	0	0	0	0
FATEHPUR	37.4	-1.2	41.2	25	21.0	-1.1	13.3	01	0.0	0.0	- 7.0	0.0	..	0	- 0.6	9.0	5.0	-0.7	0	0	0	0	0	0	0	0	0	0
BALLIA	36.6	-2.4	40.5	29	..	..	..	..	0.0	0.0	- 2.9	0.0	..	0	- 0.2	6.9	5.4	-1.0	0	0	0	0	0	0	0	0	0	0
BANDA	39.0	-0.5	43.6	25	22.1	-0.7	15.0	01	1.4	1.4	- 0.1	1.4	27	0	- 0.3	3.5	1.5	-2.0	0	1	0	0	0	0	1	0	0	0
ALLAHABAD (BAMHRAULI)	38.5	-0.3	42.9	26	21.2	-1.3	13.9	01	0.0	0.0	- 5.3	0.0	..	0	- 0.6	6.7	3.8	-3.9	0	0	0	0	1	0	0	0	0	0
VARANASI (BABATPUR)	37.9	-0.9	41.9	26	21.3	-0.9	13.7	01	0.0	0.0	- 1.1	0.0	..	0	- 0.2	12.4	9.7	-2.9	0	0	0	0	2	0	1	0	0	0
VARANASI	37.7	-0.9	41.9	26	21.2	-1.2	14.5	01	0.0	0.0	- 5.8	0.0	..	0	- 0.5	6.6	5.1	-4.3	0	0	0	0	0	0	1	0	0	0
UTTAR PRADESH WEST																												
MUKHIM	21.3	-1.6	25.8	30	11.8	-0.1	5.4	19	9.0	36.4	- 0.7	13.0	15	5	+ 1.4	..	..	..	0	7	0	0	11	0	0	0	0	0
TEHRI	32.2	-0.8	38.2	30	15.2	-0.6	11.5	01	10.0	26.4	+ 6.7	13.4	15	3	+ 0.7	4.5	3.0	..	0	4	0	0	0	0	0	0	0	0
DEHRA DUN	42.1	0.0	37.3	30	17.1	+0.1	11.4	02	0.0	6.4	- 13.2	3.2	15	1	- 0.9	2.4	1.9	-2.3	0	3	0	0	5	0	0	0	0	0
MANSIARI	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
ROORKEE	35.2	0.0	41.4	30	17.3	-0.9	11.5	01	0.0	11.7	- 1.8	11.7	15	1	- 0.2	7.5	5.0	-1.1	0	1	0	0	1	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — APRIL 1968 (CHAITRA 12- VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena- No. of days with: Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
UTTAR PRADESH WEST (CONTD.)																												
NAJIBABAD	34.8	-1.0	40.7	30	17.4	-0.7	11.0	01	0.0	0.0	- 11.6	0.0	..	0	- 0.9	10.0	7.5	+2.5	0	0	0	0	0	0	0	0	0	0
MEERUT	35.1	-1.0	41.0	30	16.8	-3.4	11.5	03	..	4.0	- 7.7	4.0	15	1	+ 0.1	.	6.1	-1.6	0	1	0	0	0	0	0	0	0	0
BAREILLY	37.0	0.0	41.7	30	21.1	0.0	13.5	01	0.0	1.0	- 7.1	1.0	27	0	- 0.8	10.6	7.0	+0.5	1	0	0	0	2	0	0	0	0	0
ALIGARH	36.9	-0.2	42.2	30	19.1	-1.5	11.5	02	0.0	2.4	- 8.3	2.4	14	0	- 0.9	10.3	7.5	-0.7	0	1	0	0	0	0	0	0	0	0
MAINPURI	38.3	-0.2	43.8	25	19.6	-1.3	11.2	01	0.0	0.0	- 6.1	0.0	..	0	- 0.7	..	..	..	0	0	0	0	0	0	1	0	0	0
AGRA	37.4	-0.3	42.6	30	20.5	-1.1	13.9	01	0.0	0.0	- 6.6	0.0	..	0	- 0.7	5.2	4.7	-0.4	0	0	0	0	0	0	0	0	0	0
AGRA AERODROME	37.2	..	42.7	30	19.4	..	12.7	03	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	1	0	1	0	0	0
ORAI	37.8	-1.1	41.7	30	21.6	-0.2	15.0	03	0.0	0.0	- 1.7	0.0	..	0	- 0.2	9.6	7.2	-0.8	0	0	0	0	0	0	0	0	0	0
JHANSI	38.8	-0.1	42.1	25	23.1	-0.2	15.2	01	0.0	0.0	- 3.1	0.0	..	0	- 0.4	5.1	5.1	-0.7	0	0	0	0	0	0	0	0	0	0
MORADABAD	34.9	..	39.6	30	19.1	..	13.5	01	0.0	0.0	..	0.0	..	0	..	5.6	6.0	..	0	0	0	0	0	0	0	0	0	0
HARYANA (INCLUDING DELHI AND CHANDIGARH)																												
CHANDIGARH	34.1	-0.3	39.5	30	18.6	-0.7	11.7	02	0.0	4.4	- 6.0	2.4	02	0	- 0.7	..	..	..	0	2	0	0	0	0	0	0	0	0
AMBALA	34.3	-1.9	41.0	30	18.8	-0.9	11.5	02	0.0	0.0	- 15.5	0.0	..	0	- 1.5	7.5	5.4	-1.8	0	0	0	0	0	0	0	0	0	0
AMBALA AERODROME	34.3	..	40.5	30	16.7	..	8.0	02	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	1	0	2	0	0	0
KARNAL	35.7	0.0	43.2	30	18.3	-1.0	10.7	02	0.0	3.0	- 4.9	3.0	15	1	+ 0.5	7.0	4.6	..	0	1	0	0	1	0	0	0	0	0
HISSAR	34.1	-2.9	40.6	30	15.4	-3.6	6.6	02	0.8	4.8	- 2.8	4.8	14	1	+ 0.1	4.0	3.5	-3.9	0	1	0	0	0	0	0	0	0	0
NEW DELHI/SAFDARJUNG	35.4	-0.8	41.4	03	19.9	-1.1	13.0	02	0.8	0.8	- 8.9	0.8	14	0	- 0.9	13.9	8.3	-2.6	0	1	0	0	0	0	0	0	0	0
PALAM AERODROME	35.7	..	41.4	01	18.6	..	9.5	03	0.4	0.4	..	0.4	14	0	..	..	..	..	0	1	0	0	0	0	0	0	0	0
GURGAON	35.3	..	41.5	30	17.1	..	9.6	03	0.0	0.0	..	0.0	..	0	..	9.0	17.9	..	0	0	0	0	0	0	0	0	0	0
NARNAUL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
ROHTAK	35.3	..	41.0	30	17.7	..	10.4	02	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	1	0	0	0	0	0
PUNJAB																												
PATHANKOT	33.2	-0.3	40.0	30	16.8	-1.1	9.5	02	15.4	16.2	- 2.8	12.2	15	2	+ 0.2	..	..	..	0	3	0	0	7	0	0	0	0	0
AMRITSAR	34.2	0.0	40.9	30	16.0	-0.2	8.9	02	0.2	0.5	- 7.2	0.3	14	0	- 1.0	..	..	..	1	1	0	0	3	0	2	0	0	0
ADAMPUR AERODROME	33.9	..	41.0	30	15.1	..	7.1	02	0.0	4.3	..	3.3	15	1	..	..	..	..	0	2	0	0	3	0	2	0	0	0
LUDHIANA	33.9	..	41.0	30	15.1	..	7.1	02	0.0	4.3	..	3.3	15	1	..	..	..	..	0	2	0	0	3	0	2	0	0	0
FEROZEPUR	34.1	-0.7	40.6	30	15.4	-2.0	6.6	02	0.8	4.8	+ 0.8	4.8	14	1	+ 0.6	4.0	3.5	+0.2	0	1	0	0	0	0	0	0	0	0
HALWARA AERODROME	34.7	..	41.4	30	15.3	..	7.7	02	2.5	2.5	..	2.5	15	1	..	..	..	..	0	1	0	0	4	0	0	0	0	0
PATIALA	34.7	-1.3	41.4	30	15.3	-3.9	7.7	02	2.5	2.5	- 9.4	2.5	15	1	- 0.1	..	..	..	0	1	0	0	4	0	0	0	0	0
BHATINDA	34.5	-0.7	40.9	30	18.1	-0.1	11.2	02	3.0	3.0	- 7.0	3.0	15	1	- 0.5	6.9	8.2	+2.5	0	1	0	0	0	0	1	0	0	0
HIMACHAL PRADESH																												
MANDI	30.6	+0.2	35.3	22	13.7	+0.5	8.7	01	6.1	22.9	- 14.6	19.3	15	1	- 3.0	..	..	..	0	3	0	0	0	0	0	0	0	0
BILASPUR	31.8	-0.9	37.2	30	16.5	+1.4	9.6	03	8.0	19.0	- 0.2	15.0	15	2	+ 0.3	8.0	5.3	-0.1	0	2	0	1	6	0	0	0	0	0
JAMMU AND KASHMIR																												
MISGAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
GILGIT	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SKARDU	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
DRAS	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SONAMARG	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
LEH	13.4	+1.0	20.8	30	- 3.8	-2.6	- 7.5	02	0.0	0.0	- 6.1	0.0	..	0	- 0.8	8.1	7.3	+0.6	0	0	2	0	0	0	0	0	0	0
SRINAGAR	19.5	+0.2	26.5	15	7.5	+0.1	1.4	02	47.3	97.4	+ 7.2	29.0	10	7	- 0.8	6.8	5.5	+0.2	1	10	0	0	4	0	0	0	0	0
SRINAGAR AERODROME	18.1	..	24.8	30	6.4	..	0.6	02	46.4	100.4	..	29.6	10	5	..	..	..	..	0	6	0	0	13	0	0	0	0	0
GULMARG	*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
QAZIGUND	18.4	..	26.7	30	6.7	..	- 0.8	02	65.1	128.8	..	32.1	15	8	..	..	..	..	0	4	0	0	4	0	0	0	0	0
BANIHAL	21.1	..	30.0	30	8.7	..	4.1	02	46.6	106.8	..	26.6	14	8	..	..	..	..	0	12	0	1	6	0	0	0	0	0
JAMMU	33.3	+0.2	39.5	29	18.2	-2.3	10.9	02	0.0	0.0	- 32.3	0.0	..	0	- 2.5	5.6	7.3	..	0	0	0	0	0	0	0	0	0	0
JAMMU AERODROME	32.6	..	39.2	30	18.7	..	10.3	02	0.0	4.8	..	4.8	14	1	..	..	..	..	0	1	0	0	5	0	1	0	0	0
GULMARG (RESEARCH INSTITUTE)	10.5	..	19.0	30	1.3	..	- 4.8	02	36.4	162.3	..	46.4	15	10	..	..	..	..	0	3	3	0	8	10	0	0	0	0
RAJASTHAN, WEST																												
GANGANAGAR	36.9	+0.6	43.8	30	..	..	..	..	2.0	2.0	- 1.7	2.0	15	1	+ 0.6	4.4	3.6	-3.2	0	1	0	0	2	0	0	0	0	0
ANUPGARH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
MAHAJAN	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
CHURU	37.0	+0.1	42.7	30	17.8	-1.8	9.3	02	0.0	0.6	- 2.1	0.6	15	1	+ 0.7	11.7	7.3	-1.5	0	1	0	0	1	0	1	0	0	0
BIKANER	37.6	0.0	42.8	30	20.9	+0.1	11.7	02	0.0	0.0	- 5.8	0.0	..	0	- 0.6	10.5	7.2	-0.1	0	0	0	0	0	0	1	0	0	0
NAGAUR	38.0	+1.2	42.4	24	20.7	-0.3	15.5	17	0.0	2.2	+ 0.8	2.2	13	0	- 0.2	10.0	7.7	-0.7	0	1	0	0	0	0	0	0	0	0
PHALODI	38.7	+1.1	43.0	24	21.5	-0.3	15.8	03	0.0	0.0	- 3.6	0.0	..	0	- 0.3	16.7	12.0	-2.1	0	0	0	0	0	0	1	0	0	0
JAISALMER	..	..	..	..	..	..	..	..	0.0	0.0	- 1.2	0.0	..	0	- 0.1	11.5	11.0	-1.7	0	0	0	0	0	0	0	0	0	0
JODHPUR	..	..	..	..	..	..	..	..	0.0	0.0	- 3.3	0.0	..	0	- 0.5	..	..	..	0	0	0	0	0	0	0	0	0	0
BARMER	..	..	..	..	..	..	..	..	0.0	0.0	- 3.3	0.0	..	0	- 0.3	6.9	7.3	-3.3	0	0	0	0	0	0	0	0	0	0
ERINPURA (JAWAI DAM)	37.2	-0.3	40.6	22	21.3	-2.4	13.3	02	0.0	0.0	- 2.3	0.0	..	0	- 0.1	8.0	5.8	-1.7	0	0	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - APRIL 1968 (CHAITRA 12- VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
RAJASTHAN, EAST																												
PILANI	37.0	+0.2	42.9	30	16.7	-2.7	9.0	02	0.0	0.0	- 3.0	0.0	..	0	- 0.4	11.8	9.6	-1.5	0	0	0	0	0	0	0	0	0	0.0
SIKAR	36.2	-0.2	41.4	30	17.3	-1.7	9.2	02	0.0	0.0	- 2.8	0.0	..	0	- 0.4	5.5	3.9	-4.1	0	0	0	0	0	0	0	0	0	0
ALWAR	36.5	-1.0	42.0	30	20.6	-2.8	14.3	03	0.0	0.0	- 1.4	0.0	..	0	- 0.2	8.0	2.4	..	0	0	0	0	2	0	2	0	0	0
JAIPUR (SANGANER)	37.2	+0.7	42.0	30	20.2	-0.8	11.4	03	1.5	1.5	- 3.6	1.5	26	1	+ 0.5	..	..	..	0	1	0	0	2	0	2	0	0	0
DHOLPUR	38.8	+0.1	43.6	30	20.3	-1.2	13.7	02	0.0	0.0	- 3.0	0.0	..	0	- 0.7	6.0	5.8	-0.6	0	0	0	0	0	0	0	0	0	0
AJMER	36.9	+1.0	41.0	30	22.0	+0.1	14.5	02	0.0	0.0	- 3.3	0.0	..	0	- 0.4	13.7	9.9	+1.5	0	0	0	0	0	0	0	0	0	0
TONK	37.8	-0.2	41.9	28	23.0	+2.2	10.9	04	0.0	0.0	- 2.3	0.0	..	0	- 0.6	10.0	8.0	+0.2	0	0	0	0	0	0	0	0	0	0
BHILWARA	37.7	..	40.6	28	20.3	..	14.4	04	0.0	0.0	..	0.0	..	0	..	9.7	6.9	..	0	0	0	0	0	0	0	0	0	0
KOTA	38.7	-0.3	43.2	30	23.0	-1.4	16.4	03	0.0	0.0	- 4.6	0.0	..	0	- 0.4	8.5	6.3	+1.1	0	0	0	0	0	0	0	0	0	0
KOTA AERODROME	38.6	..	43.4	30	24.1	..	17.0	03	0.0	0.0	..	0.0	..	0	..	13.1	11.0	..	0	0	0	0	3	0	0	0	0	0
CHAMBAL (RAWAT BHATTA DAM)	38.0	-0.6	42.1	30	22.7	+1.2	16.2	01	0.0	0.0	- 1.1	0.0	..	0	- 0.2	11.0	7.5	-0.4	0	0	0	0	1	0	1	0	0	0
UDAIPUR	36.5	+0.5	40.0	30	20.0	-0.2	14.2	01	0.0	0.0	- 2.8	0.0	..	0	- 0.2	6.3	3.5	-1.1	0	0	0	0	1	0	0	0	0	0
JHALAWAR	38.8	..	43.1	30	21.2	..	14.4	01	0.0	0.0	..	0.0	..	0	..	9.6	6.3	..	0	0	0	0	1	0	0	0	0	0
BANSWARA	38.8	..	42.6	30	24.2	..	20.0	01	0.0	0.0	..	0.0	..	0	..	9.3	6.6	..	0	0	0	0	0	0	0	0	0	0
DUNGARPUR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MADHYA PRADESH, WEST																												
GWALIOR	37.8	-0.7	43.0	30	20.5	-1.8	12.4	04	0.0	0.0	- 5.4	0.0	..	0	- 0.6	11.5	6.9	+0.5	0	0	0	0	2	0	0	0	0	0
SHEOPUR	38.3	-0.5	43.0	30	21.2	-0.1	14.7	03	0.0	0.0	- 1.6	0.0	..	0	- 0.2	10.8	7.7	+0.5	0	0	0	0	0	0	1	0	0	0
SHIVPURI	36.5	..	40.5	30	16.9	..	9.2	03	0.0	2.4	..	2.4	23	0	..	10.9	6.1	..	0	1	0	0	0	0	0	0	0	0
NOWGONG	37.7	-1.1	42.0	25	19.2	-1.3	11.1	03	2.0	2.0	- 2.8	2.0	26	0	- 0.5	8.0	3.9	-0.8	0	1	0	0	1	0	0	0	0	0
GUNA	37.8	-0.2	41.5	30	19.6	-0.7	12.8	03	1.6	1.6	- 3.0	1.6	23	0	- 0.3	14.1	8.6	+1.2	0	1	0	0	2	0	0	0	0	0
NIMACH	37.1	-0.1	40.7	30	22.2	+0.2	17.2	04	1.1	1.1	- 1.4	1.1	22	0	- 0.3	11.4	9.2	-0.1	0	1	0	0	0	0	0	0	0	0
RAJGARH	38.4	-1.0	42.1	30	21.3	-0.7	14.1	01	0.0	0.0	- 1.5	0.0	..	0	0.0	12.4	8.9	-0.2	0	0	0	0	0	0	0	0	0	0
SAGAR	37.6	+0.3	39.8	08	20.4	-2.9	19.5	21	0.0	0.0	- 6.1	0.0	..	0	- 0.6	7.4	10.4	+1.4	0	0	0	0	0	0	0	0	0	0
RATLAM	38.0	+0.3	42.0	30	21.8	-0.8	15.1	01	0.0	0.0	- 1.6	0.0	..	0	- 0.2	11.3	7.5	-0.8	0	0	0	0	0	0	0	0	0	0
BHOPAL (BAIRAGARH)	37.2	-0.6	40.0	30	21.0	-0.2	18.0	05	2.0	2.0	- 1.6	2.0	23	0	- 0.5	13.6	10.4	+1.8	0	1	0	0	4	0	0	0	2	0
UJJAIN	35.9	..	40.5	29	18.5	..	10.1	01	0.0	0.0	..	0.0	..	0	..	12.6	8.3	..	0	0	0	0	3	0	0	0	0	0
NARSINGHPUR	38.4	..	41.4	25	18.3	..	10.0	03	12.0	0.0	..	0.0	.	0	..	7.2	3.9	..	0	0	0	0	0	0	0	0	0	0
HOSHANGABAD	38.6	-0.7	41.3	30	21.1	-2.4	16.2	01	0.0	0.2	- 3.1	0.2	21	0	- 0.3	7.0	5.6	+0.4	1	0	0	0	0	0	0	0	0	0
INDORE	37.5	-0.2	40.2	30	20.4	0.0	13.9	01	0.0	0.0	- 3.3	0.0	..	0	- 0.3	16.9	13.9	-1.6	0	0	0	0	3	0	0	0	0	0
RAJPUR (JHABUA)	38.3	-0.4	41.0	30	21.3	-1.3	14.0	01	0.0	0.0	- 4.5	0.0	..	0	- 0.4	12.9	9.3	+1.2	0	0	0	0	0	0	0	0	0	0
CHHINDWARA	35.5	-0.9	38.4	30	19.5	-2.4	13.2	01	25.7	33.7	+ 22.7	31.5	10	1	- 0.2	..	..	..	1	2	0	1	7	0	0	0	0	0
SEONI	36.6	-0.7	39.0	15	20.4	-1.3	15.1	01	11.0	17.6	+ 1.1	11.6	10	2	+ 0.3	9.3	6.4	-0.1	0	5	0	0	3	0	0	0	0	0
BETUL	36.3	-0.7	38.7	30	18.5	-2.6	10.6	01	2.8	8.8	0.0	5.0	..	2	+ 1.1	7.4	4.6	-1.1	0	3	0	0	5	0	3	0	0	0
KHANDWA	39.3	-0.9	43.6	25	22.1	-1.8	13.9	01	0.0	0.0	- 2.0	0.0	..	0	- 0.3	10.6	8.3	-1.3	0	0	0	0	2	0	0	0	0	0
TIKAMGARH	37.6	..	41.6	30	..	..	..	..	0.0	0.0	..	0.0	..	0	..	8.6	5.7	..	0	0	0	0	2	0	0	0	0	0
MADHYA PRADESH, EAST																												
SATNA	37.5	-0.9	40.6	27	21.0	-0.7	12.9	01	0.0	0.0	- 10.4	0.0	..	0	- 0.8	7.7	5.2	-1.0	0	0	0	0	3	0	0	0	0	0
REWA	37.4	..	40.9	26	19.9	..	12.0	04	0.0	0.0	..	0.0	..	0	..	6.7	3.7	..	0	0	0	0	0	0	1	0	0	0
SIDHI	37.8	-0.9	41.4	26	20.1	-0.8	11.8	01	0.0	0.0	- 1.9	0.0	..	0	- 0.2	5.5	3.3	-2.5	0	0	0	0	0	0	0	0	0	0
UMARIA	37.2	-0.7	39.7	26	20.1	-1.0	10.6	01	0.0	0.0	- 11.1	0.0	..	0	- 0.9	9.3	6.0	+0.7	0	0	0	0	2	0	0	0	0	0
JABALPUR	37.7	-0.8	40.3	26	21.0	+0.5	13.0	01	0.9	0.9	- 9.0	0.9	30	0	- 0.9	7.7	4.4	-1.1	0	1	0	0	2	0	4	0	0	0
AMBIKAPUR	35.5	-1.1	38.4	09	19.6	-0.7	10.6	01	10.8	13.4	+ 4.9	10.8	30	1	0.0	10.9	8.2	-0.6	0	3	0	0	7	0	0	0	0	0
JASHPURNAGAR	33.6	..	36.6	15	19.1	..	11.0	01	12.0	15.6	..	12.0	29	2	..	9.5	5.5	..	0	2	0	0	3	0	0	0	0	0
PENDRA	34.9	-1.1	37.6	15	21.5	-0.8	15.3	01	2.7	2.7	+ 18.9	1.7	21	0	- 1.9	11.0	8.3	+0.8	1	3	0	0	9	0	0	0	0	0
MANDLA	36.4	-1.5	38.6	16	16.7	-2.4	8.6	03	4.6	7.0	- 6.9	4.2	24	1	- 0.8	6.5	3.6	-0.2	1	4	0	0	10	0	0	0	0	0
CHAMPA	38.1	-1.8	40.9	17	22.7	-2.2	16.5	02	0.0	0.0	- 9.8	0.0	..	0	- 1.4	9.4	6.0	+0.3	0	0	0	0	2	0	0	0	0	0
RAIGARH	38.7	-1.6	41.7	15	23.8	-1.6	17.7	02	0.0	0.0	- 7.5	0.0	..	0	- 0.7	7.9	5.7	+0.4	0	0	0	0	0	0	0	0	0	0
RAIPUR	37.8	-1.4	41.1	15	23.6	-1.5	17.1	01	0.4	17.5	+ 2.0	8.0	19	2	+ 0.3	10.3	8.4	0.0	0	5	0	0	6	0	0	0	0	0
KANKER	36.4	-1.4	39.4	15	22.6	-1.2	15.1	01	20.4	32.0	+ 7.4	12.6	21	4	+ 1.8	9.6	5.2	-1.5	0	4	0	0	7	0	0	0	0	0
JAGDALPUR	35.2	-1.7	38.0	11	20.1	-2.1	15.7	01	93.3	142.4	+ 92.9	61.5	15	8	+ 4.2	..	..	..	1	10	0	1	15	0	0	0	3	0
GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																												
DEESA	38.5	-0.7	41.5	21	21.2	-0.4	16.6	01	0.0	0.0	- 0.8	0.0	..	0	- 0.1	10.8	7.5	..	0	0	0	0	0	0	0	0	0	0
RADHANPUR	38.6	-0.1	41.7	21	..	..	..	..	0.0	0.0	- 0.3	0.0	..	0	0.0	9.0	6.5	-0.5	0	0	0	0	0	0	0	0	0	0
IDAR	38.7	0.0	41.9	27	23.4	-0.3	17.1	01	0.0	0.0	- 4.2	0.0	..	0	- 0.1	10.7	8.7	+0.2	0	0	0	0	0	0	0	0	0	0
AHMADABAD	39.5	-0.2	42.3	29	23.0	0.0	17.8	01	0.0	0.0	- 1.8	0.0	..	0	- 0.2	8.7	6.3	-1.5	0	0	0	0	0	0	0	0	0	0
DOHAD	38.5	+0.1	42.3	28	23.5	-0.5	17.6	01	0.0	0.0	- 1.5	0.0	..	0	- 0.1	15.3	15.4	-1.8	0	0	0	0	1	0	0	0	0	0
VALLABH VIDYANAGAR	39.3	..	42.5	29	21.5	..	17.9	06	0.0	0.0	..	0.0	..	0	..	9.0	6.9	..	0	0	0	0	0	0	1	0	0	0
BARODA AERODROME	39.2	-0.5	41.6	29	21.8	-1.1	15.8	01	0.0	0.0	- 0.1	0.0	..	0	0.0	9.0	6.6	-0.7	0	0	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - APRIL 1968 (CHAITRA 12- VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	20	21	22	23	24	25	26	27	28
GUJARAT REGION (INCLUDING DAMAN DADRA AND NAGAR HAVELI)																												
BARODA	39.8	-0.1	42.5	20	22.5	+0.8	16.7	01	0.0	0.0	- 4.4	0.0	..	0	- 0.1	5.0	3.0	-2.1	0	0	0	0	0	0	0	0	0	0
BROACH	..	..	..	..	..	..	..	..	..	0.0	- 1.8	0.0	..	0	- 0.1	7.0	5.5	-2.6	0	0	0	0	0	0	0	0	0	0
SURAT	37.8	+0.5	41.0	03	21.6	-2.1	17.4	01	0.0	0.0	- 3.8	0.0	..	0	- 0.1	10.5	7.9	+0.3	0	0	0	0	0	0	0	0	0	0
SAURASHTRA AND KUTCH (INCLUDING DIU)																												
NALIYA	33.4	-0.9	39.4	21	19.2	-1.2	15.0	11	0.0	0.0	0.0	0.0	..	0	0.0	18.5	11.9	-0.2	0	0	0	0	0	1	0	0	0	0
BHUJ (RUDRAMATA)	37.8	+0.2	41.4	22	21.7	-1.0	18.7	08	0.0	0.0	- 0.8	0.0	..	0	- 0.1	16.1	13.4	+2.2	0	0	0	0	0	0	0	0	0	0
KANDLA AERODROME	38.2	..	42.4	22	21.5	..	16.7	09	0.0	0.0	..	0.0	..	0	..	22.0	19.8	..	0	0	0	0	0	0	0	0	0	0
NEW KANDLA	34.5	-0.1	39.4	22	22.2	-1.1	19.5	09	0.0	0.0	0.0	0.0	..	0	0.0	20.0	18.3	+0.1	0	0	0	0	0	0	0	0	0	0
MANDVI	30.7	-1.6	36.5	19	20.9	-1.4	16.2	09	0.0	0.0	0.0	0.0	..	0	0.0	21.7	19.1	-4.7	0	0	0	0	0	0	0	0	0	0
SURENDRANAGAR	39.2	-0.5	41.8	22	23.3	-0.2	20.4	07	0.0	0.0	- 3.8	0.0	..	0	- 0.3	13.2	14.7	+0.1	0	0	0	0	0	0	0	0	0	0
OKHA	28.9	..	30.2	22	23.5	..	22.0	03	0.0	0.0	..	0.0	..	0	..	20.8	19.7	..	0	0	0	0	0	0	0	0	0	0
JAMNAGAR AERODROME	34.8	-0.7	40.0	21	20.6	-0.8	17.2	18	0.0	0.0	- 0.5	0.0	..	0	0.0	..	..	..	0	0	0	0	0	0	0	0	0	0
DWARKA	28.9	-0.8	32.3	18	24.1	-0.6	22.6	01	0.0	0.0	- 0.5	0.0	..	0	0.0	8.9	8.6	-8.1	0	0	0	0	0	0	0	0	0	0
RAJKOT	37.9	-0.9	40.8	22	20.3	-1.0	16.3	08	0.0	0.0	- 1.0	0.0	..	0	- 0.1	25.8	22.0	+2.3	0	0	0	0	0	1	0	0	0	0
BHAUNAGAR AERODROME	37.5	-0.1	41.2	23	22.8	-1.1	19.0	01	0.0	0.0	0.0	0.0	..	0	0.0	20.2	18.1	+6.8	0	0	0	0	0	0	0	0	0	0
PORBANDER AERODROME	32.9	+0.6	39.3	18	21.3	-2.0	17.7	08	0.0	0.0	- 0.4	0.0	..	0	0.0	19.7	13.4	..	0	0	0	0	0	1	0	0	0	0
KESHOD	37.6	-0.3	40.8	03	19.8	-1.3	16.8	09	0.0	0.0	- 0.1	0.0	..	0	0.0	23.3	16.9	-0.3	0	0	0	0	0	4	0	0	0	0
MAHUVA	36.4	..	40.3	19	21.8	..	17.5	07	0.0	0.0	0.0	0.0	..	0	0.0	11.8	9.7	..	0	0	0	0	0	0	0	0	0	0
VERAVAL	31.3	-0.2	38.8	17	21.0	-1.0	18.4	01	0.0	0.0	- 2.8	0.0	..	0	0.0	23.1	18.3	+1.7	0	0	0	0	0	5	0	0	0	0
DIU	32.0	..	37.4	04	21.9	..	18.8	07	0.0	0.0	..	0.0	..	0	..	20.5	15.6	..	0	0	0	0	0	0	0	0	0	0
KONKAN (INCLUDING GOA)																												
DAHANU	..	..	..	..	22.8	-1.1	17.8	01	0.0	0.0	- 7.2	0.0	..	0	- 0.3	..	..	..	0	0	0	0	0	0	0	0	0	0
BOMBAY (SANTACRUZ)	32.4	-0.9	37.1	17	22.1	-1.7	16.9	01	0.0	0.0	- 0.3	0.0	..	0	0.0	6.9	10.8	-0.8	0	0	0	0	0	0	0	0	1	0
BOMBAY	31.0	-1.3	34.3	22	23.9	-1.2	21.3	01	0.0	0.0	- 1.5	0.0	..	0	- 0.1	13.8	10.2	+0.3	0	0	0	0	0	0	0	0	1	0
ALIBAG	30.2	-0.9	35.5	17	22.7	-1.5	17.6	01	..	0.0	- 2.5	0.0	..	0	- 0.3	.	11.8	+1.3	0	0	0	0	1	0	0	0	0	0
BHIRA	40.0	..	42.0	05	19.0	..	14.8	01	20.6	20.6	..	20.6	21	1	..	6.1	3.2	..	0	1	0	0	0	0	0	0	0	0
HARNAI	28.8	-1.0	32.0	21	24.8	-1.2	22.1	01	0.0	0.0	- 10.2	0.0	..	0	- 0.6	21.1	17.3	+0.1	0	0	0	0	0	0	0	0	0	0
RATNAGIRI	31.5	-0.6	34.0	21	24.4	-1.2	20.5	01	0.0	13.2	+ 9.6	13.2	20	1	+ 0.7	10.5	6.9	..	0	1	0	0	0	0	0	0	0	0
DEVGARH	31.9	+0.1	36.6	21	24.2	-2.0	21.0	01	0.0	0.0	- 7.6	0.0	..	0	- 0.8	20.6	16.5	+0.1	0	0	0	0	0	0	0	0	0	0
VENGURLA	32.4	-0.2	36.5	21	23.4	-1.3	20.1	01	0.0	4.0	- 4.7	2.2	15	0	- 0.8	14.4	8.0	..	0	2	0	0	3	0	0	0	0	0
PANJIM	32.4	..	36.3	21	24.3	..	20.9	2[illegible]	0.0	64.8	..	61.3	21	2	..	19.0	13.4	..	0	3	0	0	4	0	0	0	0	0
MORMUGAO	31.2	+0.3	35.4	21	25.1	-1.0	21.8	23	0.0	64.1	+ 46.4	61.8	21	1	+ 0.1	16.7	14.2	+0.8	1	3	0	0	3	0	0	0	0	0
DABOLIM (NAVAL AIR STN.)	..	..	..	..	25.1	..	21.7	30	0.0	44.8	..	25.4	21	3	..	..	..	..	0	3	0	0	4	0	0	0	0	0
MADHYA MAHARASHTRA																												
NANDURBAR	40.4	+0.2	42.2	28	26.7	+1.4	24.1	0[illegible]	3.0	3.0	- 3.1	3.0	[illegible]	1	+ 0.7	..	..	..	0	1	0	0	0	0	0	0	0	0
JALGAON	41.5	+0.4	44.2	30	23.0	-1.1	15.1	0[illegible]	0.0	1.4	- 0.7	1.[illegible]	[illegible]	[illegible]	- 0.2	14.4	12.9	-0.3	0	1	0	0	0	0	0	0	0	0
MALEGAON	39.5	+0.1	41.6	30	19.9	-1.9	12.6	0[illegible]	0.0	5.6	+ 2.3	5.[illegible]	[illegible]	[illegible]	- 0.6	11.2	9.4	+0.5	0	1	0	0	0	0	0	0	0	0
DZAR	37.9	..	39.0	03	18.5	..	12.6	01	1.2	2.8	..	2.[illegible]	[illegible]	[illegible]	..	16.0	13.5	..	0	1	0	0	6	0	0	0	0	0
AHMADNAGAR	38.8	+0.8	40.3	19	21.3	-0.5	16.8	01	37.8	41.2	+ 30.5	37.0	2[illegible]	1	0.0	11.3	8.1	-0.2	0	4	0	0	5	0	0	0	0	0
KHANDALA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
POONA AERODROME	37.9	..	38.9	16	20.6	..	16.6	01	15.8	22.2	..	12.4	30	3	..	..	..	..	0	3	0	0	6	0	0	0	3	0
POONA	37.9	+1.0	39.4	16	19.8	+0.1	13.6	01	7.0	7.0	- 7.2	5.6	29	1	- 0.3	7.9	5.8	..	1	2	0	0	6	0	0	0	2	0
JEUR	38.2	-0.7	40.4	13	21.5	-1.3	13.5	01	0.0	6.8	- 8.7	3.6	19	2	+ 0.5	10.0	8.1	-1.5	0	2	0	0	0	0	0	0	0	0
BARAMATI	39.0	+0.2	40.3	29	21.4	-0.9	16.3	01	0.2	2.2	- 5.0	2.2	28	0	- 0.6	10.3	10.0	-0.4	0	1	0	0	6	0	1	0	0	0
SHOLAPUR	39.1	-0.2	41.2	13	23.8	-0.7	19.4	01	0.2	10.2	- 3.0	8.9	16	1	- 0.2	9.9	8.3	-1.4	1	3	0	0	12	1	0	0	0	0
MIRAJ	37.7	-0.2	39.6	06	20.8	-0.8	17.1	01	0.4	16.0	- 16.0	10.4	18	2	- 0.3	..	..	..	0	3	0	0	9	0	1	0	0	0
KOLHAPUR	37.9	+0.8	40.2	15	20.7	-0.8	17.8	01	4.4	14.6	- 18.7	12.2	19	1	- 1.8	9.8	9.7	-2.2	0	2	0	0	8	0	0	0	0	0
NASIK	37.4	..	38.8	17	..	..	..	..	..	52.0	..	50.0	22	1	..	..	..	..	0	2	0	0	0	0	0	0	0	0
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
MARATHWADA																												
AURANGABAD	38.3	0.0	40.2	30	22.9	-0.9	16.0	01	0.0	0.8	- 5.0	0.6	28	0	- 0.6	9.6	9.3	-3.4	1	1	0	0	3	0	0	0	0	0
AURANGABAD (CHIKALTHAN)	37.9	-0.4	39.9	30	19.3	-2.9	10.2	01	0.0	0.2	- 4.9	0.2	09	0	- 0.6	12.0	8.9	-3.0	1	0	0	0	6	0	0	0	0	0
PARBHANI	38.8	-0.9	41.0	30	22.5	-1.7	16.8	01	0.0	19.5	+ 9.8	17.0	20	2	+ 0.8	3.1	2.1	-6.8	0	2	0	0	4	0	0	0	0	0
NANDER	39.3	..	41.2	12	21.7	..	13.4	01	..	0.0	..	0.0	..	0	..	6.5	5.5	..	0	0	0	0	1	0	0	0	0	0
BIR	38.0	..	39.7	30	20.8	..	15.2	01	9.3	98.9	..	80.8	07	4	..	7.9	4.8	..	0	5	0	1	5	0	0	0	0	0
VIDARBHA																												
GONDIA	37.9	-1.1	40.8	15	22.3	-2.3	15.9	01	0.0	12.6	+ 0.1	6.2	26	1	- 0.4	3.8	3.5	-1.2	0	4	0	0	4	0	0	0	0	0
NAGPUR (SONEGAON)	38.1	-1.6	40.5	15	21.3	-2.6	13.9	01	0.1	38.4	+ 22.1	27.3	19	3	+ 1.5	9.4	8.2	-1.6	0	5	0	0	10	0	0	0	8	0
AMRAOTI	39.0	-0.7	41.1	15	23.8	-1.4	18.8	20	0.0	36.8	+ 28.4	26.0	20	2	+ 1.3	11.8	10.5	+0.7	0	3	0	0	5	1	0	0	0	0
AKOLA AERODROME	39.9	..	42.2	30	21.4	..	15.2	02	0.5	27.4	..	11.5	09	3	..	11.0	9.5	..	0	4	0	0	6	0	0	0	0	0
AKOLA	39.6	-0.9	41.8	30	21.8	-2.8	13.7	01	0.0	17.6	+ 13.5	9.2	09	2	+ 1.6	7.8	5.5	-2.7	0	2	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER – APRIL 1968 (CHAITRA 12– VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena – No. of days with: Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
VIDARBHA (CONTD)																												
BRAHMAPURI	38.1	-1.4	40.8	13	19.3	-4.7	12.8	02	0.0	16.0	- 2.4	10.4	10	2	+ 0.1	7.9	5.9	-0.6	0	2	0	0	1	0	0	0	0	0
BULDANA	36.6	-0.4	38.9	30	22.1	-2.8	18.1	01	5.2	11.2	+ 2.3	6.0	09	2	+ 1.1	10.1	9.2	-1.5	0	2	0	0	4	0	0	0	0	0
YEOTMAL	38.9	-0.4	41.6	17	23.5	-1.6	17.0	20	0.4	13.4	- 2.8	11.0	20	1	- 0.4	12.5	10.0	-1.5	0	3	0	0	4	0	2	1	0	0
CHANDRAPUR	39.1	-0.9	41.9	15	24.1	-0.6	16.4	01	0.3	22.6	+ 3.0	20.2	18	1	- 0.7	7.9	6.0	+0.8	0	2	0	0	7	0	0	0	0	0
PUSAD	39.5	..	41.4	14	..	..	..	..	0.0	8.2	..	6.8	21	1	..	8.1	5.4	..	0	2	0	0	4	0	0	0	0	0
STRONGHA	38.8	-1.1	41.0	17	24.5	-2.2	19.2	01	2.7	17.4	+ 0.6	12.7	26	2	+ 0.7	7.7	6.2	-0.2	0	3	0	0	0	0	0	0	0	0
WARDHA	39.3	..	41.5	17	21.8	..	17.6	20	6.8	30.3	..	7.2	19	5	..	7.1	6.0	..	0	5	0	0	5	0	0	0	0	0
BHANDARA	37.8	..	40.5	16	22.0	..	18.5	07	17.7	43.7	..	29.0	19	2	..	2.4	1.9	..	1	4	0	0	0	0	0	0	0	0
COASTAL ANDHRA PRADESH																												
KALINGAPATAM	33.4	+0.3	..	..	24.1	-1.6	..	..	0.0	7.8	- 12.8	..	..	..	..	18.4	12.0	-3.1	.	..	0	0	3	0	1	0	0	0
VISHAKHAPATNAM	35.0	+2.2	38.3	24	25.4	-0.5	19.8	27	0.0	38.7	+ 20.2	28.5	27	3	+ 1.7	23.1	14.6	-0.1	0	3	0	0	8	0	0	0	1	0
KAKINADA	35.1	-0.2	37.5	24	25.4	-0.4	21.2	25	0.0	50.2	+ 29.9	50.2	25	1	- 0.4	9.7	6.7	-2.4	0	1	0	0	1	0	0	0	0	0
NIDADAVOLE	35.0	-0.9	37.1	24	24.5	-0.7	20.0	25	4.0	49.4	+ 45.0	28.6	25	2	+ 1.4	8.2	5.8	-0.4	0	4	0	0	0	0	0	0	0	0
RENTACHINTALA	38.9	-0.7	42.1	13	26.2	+0.1	21.2	27	0.0	19.6	- 3.5	19.6	27	1	- 0.8	5.8	7.6	-1.2	0	1	0	0	1	0	0	0	0	0
GANNAVARAM	36.4	-1.4	39.3	24	24.8	-0.8	21.1	25	1.8	26.1	+ 11.3	17.5	25	2	+ 1.3	14.5	12.2	-0.3	0	3	0	0	6	0	0	0	0	0
MASULIPATAM	33.3	-0.7	35.5	24	23.6	-2.3	19.8	27	0.0	9.8	- 8.7	9.3	27	1	- 0.1	5.1	3.6	-7.8	0	2	0	0	1	0	0	0	0	0
ONGOLE	36.0	+1.6	38.6	01	..	..	..	..	0.0	44.4	+ 39.3	22.0	27	2	+ 1.4	8.3	7.4	-2.4	0	3	0	0	3	0	0	0	0	0
NELLORE	35.9	-1.2	38.9	14	25.2	-0.5	22.0	25	25.6	53.8	+ 44.1	19.0	27	3	+ 2.4	..	..	..	0	4	0	0	2	0	0	0	0	0
VISHAKHAPATNAM (SOLAR)	31.9	..	34.7	24	25.0	..	20.8	27	..	15.6	..	7.6	27	2	..	.	9.6	..	0	3	0	0	3	0	0	0	0	0
TELANGANA																												
RAMGUNDAM	38.8	-1.5	41.2	12	25.2	-1.7	19.8	01	0.0	3.6	- 6.3	2.2	14	0	- 0.7	9.1	8.0	+0.1	0	2	0	0	3	0	1	0	0	0
NIZAMABAD	39.0	-0.2	41.1	12	24.0	-0.8	18.2	01	0.0	5.6	- 15.2	4.2	29	1	- 0.8	6.2	5.7	+0.3	3	4	0	0	3	0	0	0	0	0
HANAMKONDA	37.1	-1.2	39.1	17	24.4	-0.9	21.0	27	0.0	4.4	- 18.7	3.2	13	1	- 0.6	9.8	10.6	-0.3	0	2	0	0	2	0	0	0	0	0
HAKIMPET AERODROME	37.3	..	39.3	12	22.6	..	20.1	27	0.0	2.0	..	2.0	24	0	..	..	..	..	0	1	0	0	11	1	0	0	1	0
BHADRACHALLAM	38.1	-1.2	40.2	13	25.0	-0.7	21.6	30	20.0	46.2	+ 23.3	19.0	27	4	+ 2.4	10.2	8.0	-1.6	0	4	0	0	6	0	0	0	0	0
HYDERABAD (BEGAMPET)	37.2	+0.3	39.1	13	22.1	-1.6	19.3	23	0.1	4.8	- 22.6	2.5	23	1	- 0.9	10.0	7.8	-3.1	2	2	0	0	12	0	0	0	5	0
KHAMMAM	38.4	-0.6	40.5	05	25.4	-0.5	22.1	27	4.0	19.0	- 8.3	8.0	29	3	+ 1.3	7.1	8.1	-0.6	0	3	0	0	3	0	0	0	0	0
MAHBUBNAGAR	36.2	-1.3	39.0	05	24.0	-0.5	21.9	27	25.0	7.0	- 17.5	3.0	13	1	- 1.1	8.0	7.0	-1.5	0	3	0	0	7	0	0	0	0	0
RAYALASEEMA																												
KURNOOL	38.8	-0.5	41.8	13	25.2	-0.8	21.9	26	43.5	44.8	+ 30.6	41.8	22	1	- 0.3	7.1	6.2	-2.5	0	4	0	0	0	0	0	0	0	0
NANDYAL	38.6	..	41.2	13	25.3	..	21.6	25	2.2	13.2	..	11.0	23	1	..	9.5	8.7	..	0	2	0	0	3	0	0	0	0	0
ANANTAPUR	37.8	-0.6	39.5	13	25.6	-0.1	23.0	21	4.2	20.4	+ 5.4	12.0	14	2	+ 0.8	9.8	9.9	-0.3	0	4	0	0	9	0	0	0	2	0
CUDDAPAH	37.5	-2.3	42.1	13	26.5	-0.9	21.0	23	0.0	52.0	+ 39.1	44.6	23	2	+ 1.0	6.0	5.0	-5.0	0	2	0	0	0	0	0	0	0	0
AROGYAVARAM	34.4	-0.3	36.8	13	21.1	-0.9	17.8	25	0.0	42.8	+ 15.7	38.1	25	2	+ 0.1	10.2	9.0	+0.9	0	3	0	0	0	0	0	0	0	0
MADRAS STATE (INCLUDING PONDICHERRY)																												
MADRAS	33.0	-0.3	35.6	01	25.2	-0.6	20.9	27	7.8	42.9	+ 20.4	29.0	20	3	+ 2.2	11.7	8.1	-0.2	0	4	0	0	1	0	0	0	0	0
MADRAS (MINAMBAKKAM)	34.5	-0.4	37.2	01	25.1	-0.9	20.7	27	21.8	22.4	+ 4.9	13.4	25	2	+ 1.0	16.1	12.2	+1.7	1	3	0	0	7	0	0	0	3	0
VELLORE	35.6	-1.2	38.4	13	23.2	-1.8	19.1	25	2.9	64.7	+ 41.3	31.1	23	3	+ 1.6	8.9	9.5	+1.2	0	5	0	0	5	0	0	0	0	0
TAMBARAM AERODROME	36.5	..	39.0	01	24.9	..	20.7	25	14.5	69.8	..	33.5	25	3	..	..	..	..	0	4	0	0	6	0	0	0	0	0
TIRUPPATTUR	33.9	-2.6	35.3	15	22.0	-1.1	20.1	12	0.0	0.0	- 32.8	0.0	..	0	- 3.0	7.0	5.2	+0.9	0	0	0	0	0	0	0	0	0	0
METTUR DAM R.S.	36.9	..	39.4	06	25.3	..	22.4	26	1.0	26.0	..	9.8	23	3	..	8.0	9.7	..	0	5	0	0	1	0	0	0	0	0
CUDDALORE	32.7	-0.1	35.9	01	24.7	-1.0	21.3	27	31.4	49.8	+ 25.9	24.6	27	4	+ 3.0	18.4	11.6	-0.1	0	7	0	0	6	0	0	0	0	0
KALLAKKURICHCHI	36.0	-0.9	38.4	13	..	..	..	..	13.2	115.3	+ 85.6	38.0	29	5	+ 2.9	..	..	..	0	6	0	0	5	0	0	0	0	0
SALEM	36.1	-0.8	39.1	22	24.4	-0.7	16.5	14	29.8	45.9	- 6.7	20.4	23	4	+ 0.3	8.9	9.1	+0.8	1	7	0	0	8	0	0	0	0	0
COIMBATORE (PILAMEDU)	34.8	-0.5	37.0	15	22.6	-0.8	19.5	30	21.3	102.4	+ 39.3	58.0	23	6	+ 1.9	13.9	13.7	-1.0	0	11	0	0	10	0	0	0	0	0
COIMBATORE	35.1	+0.5	37.3	15	23.1	-0.3	20.6	30	..	93.6	+ 50.4	45.8	23	6	+ 2.5	.	6.8	-0.2	1	8	0	0	3	0	0	0	0	0
NAGAPATTINAM	32.1	-0.4	37.1	01	26.1	-0.7	21.3	27	12.6	46.2	+ 13.4	19.6	27	3	+ 1.5	16.3	14.4	+1.3	0	5	0	0	5	0	1	0	0	0
TIRUCHCHIRAPPALLI	35.7	-1.0	37.8	06	24.4	-1.4	20.3	28	16.0	160.4	+116.7	41.8	30	8	+ 5.7	9.5	8.6	-1.1	0	11	0	0	10	0	0	0	8	0
VEDARANNIYAM	34.0	..	35.6	20	24.5	..	19.6	27	0.2	50.0	..	13.2	27	6	..	7.3	5.7	..	2	7	0	0	5	0	0	0	0	0
ATIRAMPATTINAM	32.4	..	33.8	17	25.3	..	21.8	27	19.6	164.0	..	61.0	17	8	..	14.2	12.4	..	0	10	0	0	1	0	0	0	0	0
MADURAI	35.1	-1.2	37.6	06	23.7	-1.7	20.8	20	..	154.8	+ 96.1	59.0	25	6	+ 2.6	.	5.3	+0.2	0	8	0	0	7	0	0	0	0	0
MADURAI AERODROME	35.4	-0.3	37.9	06	23.1	-1.9	20.4	30	7.2	137.8	+ 79.8	43.6	30	8	+ 5.2	8.0	6.9	-1.5	0	9	0	0	12	2	0	0	0	0
TONDI	31.8	-0.2	33.9	18	25.3	-1.4	20.6	27	36.6	304.0	+271.5	122.0	23	9	+ 6.0	13.9	13.7	-2.4	0	11	0	0	8	0	0	0	0	0
PAMBAN	31.7	-0.5	33.1	20	24.6	-2.1	20.3	28	8.8	193.4	+148.9	76.2	23	9	+ 6.1	12.3	11.5	-0.6	0	9	0	0	7	0	0	0	0	0
TUTICORIN	31.6	-0.3	33.8	02	24.3	-2.2	22.3	27	0.0	66.6	+ 1.2	23.4	10	4	+ 0.2	15.5	11.7	-1.9	0	5	0	0	3	0	0	0	0	0
PALAYANKOTTAI	36.1	+0.7	39.8	14	24.2	-1.7	20.9	03	16.7	38.3	- 28.2	19.6	10	4	+ 0.3	8.0	6.0	-1.1	0	5	0	0	2	0	0	0	0	0
KANNIYAKUMARI	32.3	..	34.1	30	25.4	..	24.4	30	18.2	20.5	..	13.4	11	2	..	15.4	12.7	..	0	4	0	0	4	0	0	0	0	0
PONDICHERRY	31.8	..	33.8	01	25.4	..	22.7	21	67.8	83.5	..	45.8	21	4	..	19.9	19.0	..	0	4	0	0	4	0	0	1	1	0
PORTNOVO	32.7	..	36.2	01	22.4	..	18.8	27	..	18.4	..	9.2	27	2	..	.	10.2	..	2	3	0	0	10	0	0	0	1	0
TUTICORIN H.P.	31.5	..	32.2	19	25.4	..	23.4	27	0.0	38.8	..	14.8	19	5	..	16.8	13.6	..	0	7	0	0	5	0	0	1	4	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - APRIL 1968 (CHAITRA 12- VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
COASTAL MYSORE																												
KARWAR	32.0	+0.4	35.0	22	23.9	-1.4	19.9	01	0.0	5.9	- 10.9	4.6	29	1	0.0	10.0	6.4	..	1	3	0	0	0	0	0	0	0	0
HONAVAR	33.2	+0.8	35.4	20	24.5	-0.7	22.1	30	0.0	15.4	- 0.3	8.1	21	2	+ 0.8	..	..	..	1	2	0	0	11	0	0	0	0	0
MANGALORE(BAJPE)	33.8	+0.1	35.2	20	24.4	-0.5	22.2	16	0.0	8.7	- 23.5	5.4	21	1	- 1.1	11.8	7.5	-0.7	1	5	0	0	11	0	0	0	0	0
MANGALORE	32.2	-0.2	33.0	20	24.1	-2.0	20.8	16	0.0	109.2	+ 73.9	89.2	16	3	+ 0.9	11.7	8.9	0.0	0	5	0	0	4	0	0	0	0	0
MANGALORE H.P.	33.0	..	34.2	11	24.9	..	21.8	16	0.0	43.0	..	24.4	16	2	..	14.4	9.3	..	0	7	0	0	13	0	0	0	1	0
INTERIOR MYSORE NORTH																												
BIDAR	36.1	-0.8	38.5	13	23.0	-1.5	19.4	20	6.8	19.8	- 5.6	8.0	17	3	+ 0.9	12.6	11.6	+0.4	0	4	0	0	0	0	0	0	0	0
GULBARGA	38.3	-0.8	41.4	13	23.8	-1.2	20.0	01	3.0	22.5	+ 3.4	11.5	22	2	+ 0.2	18.4	9.8	-1.9	0	2	0	0	7	0	0	0	0	0
BIJAPUR	37.7	-0.3	40.3	13	23.3	-0.5	20.7	25	0.8	52.2	+ 32.6	18.6	19	6	+ 4.3	6.3	6.4	-1.0	0	9	0	0	9	0	0	0	0	0
RAICHUR	36.6	-2.1	39.2	03	25.2	-1.0	20.5	26	5.8	34.0	+ 19.0	16.2	26	4	+ 2.7	10.3	10.9	+0.6	0	5	0	0	5	0	0	0	0	0
BELGAUM	36.6	+0.9	38.8	06	20.2	+0.7	16.9	01	30.0	65.6	+ 22.4	16.0	28	6	+ 2.9	7.4	4.9	-3.6	0	9	0	0	0	0	0	0	0	0
BELGAUM(SAMRA)	35.4	+0.2	37.4	02	19.9	-0.4	18.0	03	11.3	42.6	- 9.3	23.7	28	4	+ 0.5	10.8	9.7	-4.0	0	6	0	1	14	0	0	0	0	0
GADAG	37.1	-0.2	39.4	08	21.6	-0.9	17.4	27	24.2	65.9	+ 35.2	29.0	27	6	+ 3.3	7.8	9.3	-0.8	1	9	0	2	13	0	0	0	0	0
BIDAR A.F.	36.6	..	38.9	13	22.0	..	18.0	20	0.6	8.8	..	5.4	24	1	..	..	..	..	0	4	0	0	11	0	0	0	1	0
INTERIOR MYSORE, SOUTH																												
BELLARY	38.9	+0.8	41.7	12	24.7	-0.8	22.0	26	0.0	15.3	- 5.5	8.0	23	3	+ 1.2	7.6	7.3	+0.4	0	4	0	0	0	0	0	0	0	0
CHITRADURGA	35.3	-1.0	38.0	13	22.1	-0.6	19.3	15	27.8	53.4	+ 32.3	29.6	15	4	+ 2.1	7.4	6.6	-1.1	0	8	0	0	5	0	0	0	0	0
SHIMOGA	..	..	..	..	..	..	..	..	13.4	47.3	- 5.7	25.4	30	3	- 0.9	6.1	4.5	-0.8	0	7	0	0	17	0	0	0	0	0
AGUMBE	30.8	..	34.0	13	19.0	..	16.2	01	..	56.9	..	13.2	23	7	..	.	4.2	..	0	8	0	0	0	0	0	0	0	0
BALEHONNUR	33.6	+2.7	35.9	02	18.7	-0.3	17.3	25	..	72.6	- 17.8	22.4	19	6	- 0.3	..	..	..	0	7	0	0	2	2	0	0	0	0
HASSAN	31.6	-1.6	35.0	12	19.1	-1.0	16.4	09	9.6	93.3	+ 40.5	17.0	22	12	+ 8.0	5.2	4.3	-3.9	0	14	0	0	0	0	0	0	0	0
BANGALORE	33.1	-0.3	35.0	13	20.4	-0.8	17.1	23	15.0	30.0	- 14.5	15.6	23	2	- 0.7	5.5	4.4	-4.6	0	5	0	0	5	0	0	0	1	0
BANGALORE AERODROME	32.8	-1.2	34.8	13	20.2	-1.1	17.2	08	2.3	13.8	- 22.0	10.4	23	1	- 1.3	..	..	..	0	5	0	0	4	0	0	0	0	0
MYSORE	33.0	-1.0	35.5	13	21.6	+0.2	20.1	04	18.3	48.5	- 15.0	21.0	23	4	- 0.6	10.6	8.4	0.0	0	5	0	0	2	0	0	0	0	0
YALANKA A.F.	33.3	..	35.6	13	20.3	..	17.3	25	16.6	44.2	..	18.6	23	4	..	..	..	..	0	7	0	0	7	0	0	0	0	0
KERALA																												
CALICUT	32.5	-0.4	33.7	17	24.9	-0.9	21.6	28	5.2	153.3	+ 66.4	46.8	09	10	+ 6.0	9.3	7.8	-4.8	0	14	0	0	10	0	0	0	0	0
PALGHAT	35.1	-0.9	39.4	20	24.5	-0.8	21.8	27	14.4	77.4	- 5.8	35.8	22	4	- 0.9	10.5	7.9	-1.4	0	7	0	0	1	0	0	0	0	0
FORT COCHIN	32.0	+0.6	33.2	08	25.3	-0.7	22.3	21	9.6	105.2	- 8.3	34.2	29	7	+ 0.7	13.0	10.0	-0.7	0	12	0	0	10	0	0	0	0	0
COCHIN(NAVAL AIR STATION)	32.3	..	33.6	08	25.1	..	22.3	29	1.8	128.4	..	33.6	20	8	..	11.6	9.3	..	0	12	0	0	18	0	0	0	1	0
ALLEPPEY	32.8	+0.1	34.1	18	25.2	-0.3	22.5	19	11.0	107.8	- 54.9	32.8	30	7	- 1.5	15.8	12.0	-0.3	0	9	0	0	8	0	0	0	0	0
PUNALUR	35.2	+0.1	36.9	15	22.8	-0.8	21.0	26	54.6	181.8	-130.4	38.8	26	15	+ 3.3	4.3	3.2	-0.5	0	17	0	0	0	0	0	0	0	0
TRIVANDRUM	31.9	-0.5	33.0	15	23.9	-1.2	21.1	26	55.7	117.8	+ 12.1	28.9	26	11	+ 4.6	10.6	7.3	-0.5	0	14	0	0	20	0	0	0	0	0
TRIVANDRUM AERODROME	32.1	-0.6	32.9	29	24.5	-0.2	21.9	20	..	98.4	- 10.9	27.2	21	9	+ 2.5	.	8.9	+1.0	1	10	0	0	17	0	0	0	1	0
ARABIAN SEA ISLANDS																												
AMINI	32.3	-0.7	33.7	20	26.2	-0.9	23.3	20	3.4	30.1	+ 4.7	26.7	20	1	- 0.4	13.2	12.8	+2.8	0	4	0	0	4	0	0	0	0	0
AGATTI	32.1	..	32.5	29	..	..	..	..	8.2	15.4	..	..	..	..	..	8.2	6.7	..	.	..	0	0	5	0	0	0	0	0
ANDROTH	32.9	..	34.5	19	26.3	..	23.2	20	30.1	48.1	..	30.1	03	4	..	4.3	3.5	..	0	4	0	0	0	0	0	0	0	0
MINICOY	31.4	+0.3	32.3	20	24.5	-1.7	22.5	16	21.9	57.9	+ 6.6	20.9	30	5	+ 2.2	7.5	5.4	-2.1	0	7	0	0	8	0	0	0	0	0
HILL STATIONS(EXCLUDING KASHMIR)																												
DALHOUSIE	22.7	-0.1	28.2	30	12.3	+0.4	3.2	02	6.4	13.4	- 61.5	5.2	23	3	- 1.9	..	..	..	0	3	0	1	0	0	0	0	0	0
DHARMASALA	26.3	+0.4	31.9	30	15.6	-1.1	7.8	02	10.4	33.4	- 13.6	23.4	15	2	- 1.3	4.0	3.3	-3.0	1	6	0	0	5	0	0	0	0	0
BHUNTAR	27.0	..	33.4	30	9.6	..	4.6	02	10.7	64.0	..	33.3	15	3	..	8.5	5.9	..	0	5	0	0	10	0	0	0	0	0
SIMLA	19.2	0.0	25.0	30	11.3	+0.1	1.3	02	6.1	21.7	- 24.0	17.5	15	1	- 3.3	5.8	4.3	-0.2	0	4	0	0	0	0	0	0	0	0
DHARMPUR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
GHANGARIA (KANJALIA TOK)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
BADRINATH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
JOSHIMATH	22.2	-0.1	30.6	20	10.5	0.0	3.4	14	26.0	106.4	+ 46.5	45.0	15	4	- 1.2	7.0	8.3	-0.9	0	5	0	1	2	0	0	0	0	0
MUSSOORIE	0.4	-0.7	25.3	30	10.5	-1.3	2.7	02	1.8	12.8	- 23.2	5.0	15	2	- 1.3	12.7	9.2	+1.3	0	4	0	0	4	0	0	0	0	0
MUKTESWAR(KUMAUN)	20.3	+0.2	24.4	22	10.4	-0.3	3.7	15	5.6	29.2	- 7.1	25.2	15	1	- 2.2	..	..	..	0	3	0	1	8	0	0	0	0	0
NAINITAL	19.8	-1.4	23.0	22	10.7	-1.4	6.7	03	1.0	24.2	- 0.5	21.0	15	1	- 1.0	9.3	7.0	-1.1	0	4	0	0	0	0	0	0	0	0
KALIMPONG	24.6	+1.5	29.6	26	13.0	-2.0	8.4	06	0.6	22.6	- 58.7	8.6	28	3	- 3.8	21.6	16.1	+5.9	0	4	0	0	0	0	0	0	0	0
DARJEELING	..	..	..	..	9.9	-0.9	4.6	01	15.0	31.2	- 82.1	16.0	16	2	- 6.2	2.1	3.2	-0.5	0	4	0	0	1	1	0	0	0	0
KOHIMA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SHILLONG(C.S.O.)	23.0	-1.7	27.6	24	13.8	-0.3	7.7	03	65.8	123.0	- 23.1	33.8	29	10	- 0.2	7.7	8.0	0.0	0	12	0	0	8	1	0	0	0	0
CHERRAPUNJI	22.6	+0.6	26.4	24	12.5	-2.6	9.1	04	235.7	706.0	+ 22.2	221.4	13	17	+ 0.6	7.6	9.0	-2.9	0	19	0	0	0	10	0	0	0	0
ABU	29.6	+0.2	33.6	28	19.5	-0.5	16.0	01	0.0	0.0	- 2.5	0.0	..	0	- 0.3	7.0	5.5	-2.8	0	0	0	0	0	0	0	0	0	0
AIJAL	25.9	-0.6	30.0	24	16.3	-1.1	10.1	09	29.7	153.7	- 20.0	60.0	17	6	- 3.0	..	..	..	0	10	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER – APRIL 1968 (CHAITRA 12– VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena– No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
HILL STATION (EXCLUDING KASHMIR)																												
PACHMARHI	31.2	-2.2	33.8	26	18.5	-1.6	10.5	01	7.8	31.6	+ 21.9	16.4	10	2	+ 1.1	5.4	4.0	-1.1	0	5	0	1	6	0	0	0	0	0
MAHABALESHWAR	31.4	+2.1	33.4	16	18.1	-0.7	14.2	11	10.1	25.4	+ 0.3	12.3	22	2	+ 0.5	..	..	..	0	4	0	0	5	2	0	0	0	0
MERCARA	28.2	+0.3	30.4	02	15.9	-2.0	13.0	28	27.7	95.6	+ 27.8	23.6	20	11	+ 6.0	9.0	8.3	+0.1	1	13	0	0	22	0	0	0	0	0
OOTACAMUND	21.6	-0.5	24.1	19	9.8	-0.4	8.0	04	44.4	74.4	- 11.2	26.6	02	9	+ 2.3	3.4	2.0	-1.9	0	14	0	0	8	0	0	0	0	0
COONOOR	24.1	+0.6	26.2	14	11.7	-2.1	10.1	27	..	143.4	+ 0.8	65.8	20	9	+ 1.5	..	..	..	0	14	0	0	0	0	0	0	0	0
KODAIKANAL	19.5	-0.3	20.9	24	10.8	-0.8	9.2	20	80.5	147.8	+ 23.6	56.1	20	6	- 1.6	12.4	11.9	-0.5	4	15	0	2	17	1	0	0	0	0
NEPAL																												
KATMANDU	28.0	-0.9	32.2	22	10.1	-1.4	4.4	01	1.8	28.9	- 18.1	15.9	30	3	- 1.3	3.7	1.9	+0.3	1	4	0	0	9	0	0	0	0	0
SIKKIM																												
LACHEN	12.5	-1.8	20.0	05	1.1	-0.9	0.2	13	8.0	36.8	- 64.1	10.4	24	6	- 5.4	..	..	..	0	10	0	0	0	0	0	0	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																												
DAMODAR CATCHMENT																												
TILAIYA	35.7	..	38.7	15	21.4	..	12.6	01	0.2	0.2	..	0.2	05	0	..	9.0	4.9	..	1	0	0	0	0	0	0	0	0	0
HAZARIBAGH	34.6	..	37.9	15	19.8	..	11.4	01	8.2	2.2	..	1.7	28	0	..	8.6	5.7	..	0	2	0	0	4	0	0	0	0	0
KONAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
BOKARO	38.5	..	42.4	10	18.9	..	9.4	01	5.4	6.8	..	5.7	26	1	..	9.0	6.3	..	0	3	0	0	0	0	0	0	0	0
MAITHON	38.6	..	44.9	12	20.7	..	11.3	01	0.0	0.0	..	0.0	..	0	..	3.9	2.8	..	0	0	0	0	0	0	0	0	0	0
RAMGARH	38.1	..	42.8	19	20.7	..	10.2	01	4.4	4.9	..	2.8	05	1	..	5.2	4.1	..	0	3	0	0	5	0	6	0	0	0
PANCHET HILLS	38.5	..	42.2	10	23.4	..	16.6	01	0.0	0.0	..	0.0	..	0	..	6.1	3.7	..	0	0	0	0	0	0	0	0	0	0
DURGAPUR	37.7	..	41.5	10	23.2	..	17.8	04	0.0	8.4	..	8.4	15	1	..	20.9	17.8	..	0	1	0	1	0	0	0	0	0	0
MAHANADI CATCHMENT																												
GINABAHAR	36.1	..	39.5	10	19.3	..	12.7	02	..	17.0	..	9.8	30	2	..	..	..	..	0	3	0	1	6	0	0	0	0	0
HIRAKUD	37.6	..	40.9	15	24.2	..	17.1	02	0.9	2.8	..	1.9	18	0	..	4.3	3.7	..	0	2	0	0	5	0	0	0	0	0
BHIMKUND	37.3	..	40.7	16	22.3	..	16.3	01	6.2	16.9	..	6.2	10	5	..	9.8	4.7	..	0	5	0	1	13	0	0	0	0	0
SONEPUR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
KHIJRANAN	36.6	..	39.9	13	21.9	..	14.1	01	6.6	13.1	..	6.4	19	2	..	..	..	..	0	4	0	0	9	0	0	0	1	0
NARMADA CATCHMENT																												
BAGRA TAWA	38.3	..	41.0	30	20.5	..	11.0	01	7.5	13.8	..	13.8	21	1	..	10.1	6.9	..	0	1	0	0	1	0	0	0	0	0
PUNASA	39.2	..	43.4	14	..	..	..	..	0.0	0.0	..	0.0	..	0	..	9.4	9.2	..	0	0	0	0	0	0	0	0	0	0
THIKRI	41.3	..	44.3	30	27.3	..	22.7	02	..	0.0	..	0.0	..	0	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SABARMATI CATCHMENT																												
DAROI	38.7	..	42.0	27	..	..	..	..	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
GANDAK CATCHMENT																												
JAMOSOM	19.7	..	22.8	22	4.2	..	1.5	01	0.0	8.0	..	8.0	23	1	..	..	..	..	0	1	..	..	..	..	..	.	..	.
KHUDI BAZAR	28.3	..	32.6	22	14.9	..	10.7	04	19.4	98.0	..	31.0	09	5	..	..	..	..	0	7	..	..	..	..	..	.	..	.
TIMURE	25.1	..	28.7	23	12.2	..	6.4	05	5.0	22.5	..	9.4	23	3	..	..	..	..	0	6	..	..	..	..	..	.	..	.
POKHARA	29.9	..	33.4	22	17.4	..	11.4	01	24.0	24.3	..	13.8	04	4	..	7.4	7.2	..	0	4	0	0	9	0	2	0	0	0
GORKHA	28.7	..	32.5	23	17.4	..	12.7	01	3.8	19.1	..	13.6	08	2	..	..	..	..	2	4	0	1	9	0	0	0	0	0
NUWAKOT	30.6	..	35.0	23	18.7	..	13.5	01	5.0	12.0	..	3.0	23	2	..	..	..	..	0	6	..	..	..	..	..	.	..	.
GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)																												
DAILEKH	26.9	..	30.5	26	14.9	..	9.5	01	5.8	21.8	..	9.4	27	4	..	..	..	..	0	6	..	..	..	..	..	.	..	.
GHAGHARA CATCHMENT																												
SALLYANA	26.7	..	30.3	26	17.3	..	10.5	03	2.8	4.2	..	4.2	27	1	..	..	..	..	0	1	..	..	..	..	..	.	..	.
BUTWAL	36.3	..	39.9	30	20.4	..	16.4	01	0.0	7.2	..	5.6	30	1	..	..	..	..	0	2	..	..	..	..	..	.	..	.
BAGHMATI CATCHMENT																												
KATMANDU	SEE UNDER NEPAL																											
KOSI CATCHMENT																												
CHAUTARA	29.1	..	33.5	19	15.7	..	9.0	10	12.1	15.1	..	8.9	10	2	..	..	..	..	0	3	..	..	..	..	..	.	..	.
WALUNGCHUNG GOLA	10.6	..	13.7	20	2.6	..	3.4	01	36.0	42.0	..	11.4	24	5	..	..	..	..	0	10	..	..	..	..	..	.	..	.
TAPLETHOK	26.7	..	31.1	23	13.5	..	8.8	01	20.6	58.7	..	13.4	24	8	..	..	..	..	0	13	..	..	..	..	..	.	..	.
BHOJPUR	23.1	..	30.2	23	14.7	..	8.8	03	16.1	59.0	..	34.1	28	5	..	..	..	..	0	5	..	..	..	..	..	.	..	.
TAPLEJUNG	22.4	..	26.8	23	11.6	..	5.5	01	13.2	47.8	..	13.2	16	6	..	7.1	5.0	..	1	13	0	0	8	0	0	0	0	0
DHKALDHUNGA	23.4	..	27.5	23	13.1	..	6.7	01	62.8	96.3	..	28.5	30	5	..	8.1	6.1	..	0	7	0	0	0	0	0	0	0	0
CHAINPUR	29.1	..	33.2	23	16.4	..	11.1	08	2.0	12.4	..	7.3	24	2	..	..	..	..	0	4	..	..	..	..	..	.	..	.
BARAHAKSHETRA	34.2	..	40.0	23	22.5	..	15.8	01	1.3	47.0	..	45.2	30	1	..	10.0	6.3	..	0	3	1	4	0	0	0	0	0	0
TISTA CATCHMENT																												
GANGTOK	21.5	..	26.7	23	11.6	..	6.0	01	41.6	112.7	..	28.4	26	8	..	..	..	..	1	15	0	2	12	3	0	0	0	0
GEZING	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — APRIL 1968 (CHAITRA 12- VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C						Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or at specified standard isobaric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BAY ISLANDS																											
MAYA BANDAR	0830	28	1011.7	1008.6	+0.3	29.4	25.9	24.3	30.4	75	+ 0	3.4	-0.5	4.2	0	0	23	07	13	2	1	0	2	1	2	7	0
	1730	28	1008.4	1005.3	+0.0	28.7	25.9	24.7	31.1	80	+ 2	3.5	-1.2	6.1	0	1	27	00	12	7	1	0	3	2	3	2	0
LONG ISLAND	0830	25	1011.7	1008.9	+0.4	29.8	25.2	23.1	28.3	68	- 5	3.9	-0.3	2.1	0	0	29	00	14	0	1	0	9	1	4	1	0
	1730	25	1009.2	1006.4	+0.9	29.1	24.7	22.7	27.6	69	- 5	4.6	-0.5	1.7	0	0	26	00	16	0	3	0	3	0	4	4	0
PORT BLAIR	0530	79	1010.1	1001.1	..	25.1	24.1	23.6	29.1	92	..	3.4	..	2.2	0	0	14	00	2	1	0	0	2	6	3	16	0
	0830	79	1011.7	1002.9	+0.8	31.2	26.2	24.0	29.8	66	- 4	3.3	-1.2	9.9	0	0	29	03	15	6	0	0	0	3	2	1	0
	1130	79	1010.5	1001.8	..	32.0	26.5	24.1	30.0	65	..	3.4	..	13.6	0	0	30	00	11	16	1	0	0	2	0	0	0
	1430	79	1008.3	999.6	..	31.0	26.3	24.3	30.4	68	..	3.8	..	10.0	0	1	26	01	4	14	3	0	0	3	2	3	0
	1730	79	1008.7	999.9	+0.8	28.9	25.5	24.0	29.8	75	- 2	4.0	-1.3	5.6	0	0	24	00	14	8	1	0	0	0	1	6	0
	2030	79	1010.6	1001.7	..	27.5	25.1	24.0	29.8	82	..	2.6	..	4.5	0	0	17	00	11	3	0	0	0	0	3	13	0
	2330	79	1010.2	1001.2	..	26.7	24.8	23.9	29.7	85	..	3.6	..	3.0	0	0	13	00	6	4	0	0	1	2	0	17	0
CAR NICOBAR	0830	10	1011.4	1010.2	+0.7	30.7	25.7	23.5	28.9	67	- 3	4.8	+0.0	2.5	0	0	25	00	5	18	0	0	0	0	2	5	0
	1730	10	1008.5	1007.3	+0.5	28.9	25.4	23.9	29.7	74	- 3	4.6	-0.1	1.0	0	0	13	00	4	7	0	0	0	0	2	17	0
NAN COWRY	0830	26	1011.5	1008.6	+0.5	30.1	26.8	25.5	32.6	76	- 1	4.3	-1.1	1.7	0	0	10	01	1	0	0	1	3	0	2	20	2
	1730	26	1008.6	1005.7	+0.5	28.8	26.0	24.8	31.3	80	- 1	4.9	-0.2	0.5	0	0	3	00	0	0	0	0	1	0	2	27	0
KONDUL	0830	8	1012.3	1011.4	+1.3	29.0	26.3	25.1	31.9	80	- 1	5.5	+0.4	0.7	0	0	5	00	5	0	0	0	0	0	0	25	0
	1730	8	1009.5	1008.5	+1.2	28.4	26.1	25.1	31.9	82	- 4	5.2	-0.1	1.9	0	0	11	00	8	2	0	0	1	0	0	19	0
NORTH ASSAM (INCLUDING NEFA)																											
PASIGHAT	0830	157	1012.3	994.3	+1.5	22.2	18.6	16.3	18.5	70	+ 0	6.2	+0.8	13.1	0	8	20	02	2	1	0	0	1	2	20	2	0
	1730	157	1007.7	989.9	+1.1	24.2	20.3	18.0	20.6	69	- 3	6.0	+0.5	5.0	0	3	19	00	1	1	3	0	1	1	15	8	0
DIBRUGARH (MOHANBARI)	0230	111	1009.2	996.3	..	19.0	17.9	17.2	19.6	89	..	5.8	..	5.5	0	0	20	01	15	3	0	0	0	1	0	10	0
	0530	111	1010.5	997.6	..	18.4	17.5	16.9	19.3	91	..	6.3	..	4.3	0	0	17	01	10	2	1	0	0	2	1	13	0
	0830	111	1012.4	999.7	+1.8	21.7	19.1	17.5	20.0	78	+ 6	6.0	+0.9	6.8	0	0	23	02	14	5	0	0	2	0	0	7	0
	1130	111	1010.9	998.4	..	24.9	20.4	17.7	20.2	66	..	6.1	..	7.9	0	1	29	03	13	7	2	0	3	1	1	0	0
	1430	111	1007.8	995.3	..	26.6	20.9	17.5	20.0	59	..	5.4	..	8.7	0	1	27	01	14	6	1	0	2	2	2	2	0
	1730	111	1007.5	994.9	+1.4	24.7	20.4	17.9	20.5	67	- 4	5.3	-0.5	5.3	0	0	28	02	16	3	1	0	2	2	2	2	0
	2030	111	1009.7	996.9	..	21.4	19.6	18.5	21.3	83	..	4.9	..	2.5	0	0	12	01	10	1	0	0	0	0	0	18	0
	2330	111	1010.0	997.1	..	20.2	18.9	18.1	20.8	88	..	5.5	..	4.9	0	1	16	00	15	1	0	0	0	1	0	13	0
DIGBOI	0830	152	1012.6	995.1	+0.8	22.1	19.8	18.5	21.3	81	+ 0	5.4	-0.2	2.8	0	0	29	00	5	12	1	2	1	6	2	1	0
	1730	152	1008.2	990.9	+0.5	24.7	20.8	18.5	21.3	70	+ 4	4.0	-1.6	1.8	0	0	21	03	9	8	0	0	0	0	1	9	0
NORTH LAKHIMPUR	0830	102	1012.3	1000.6	+1.8	23.1	19.9	18.0	20.6	74	- 2	5.4	+0.1	6.1	0	1	28	03	15	3	1	5	2	0	0	1	0
	1130	102	1011.1	999.5	..	26.1	20.9	17.9	20.5	63	..	5.7	..	8.7	0	1	28	01	12	8	4	3	1	0	0	1	0
	1430	102	1008.1	996.6	..	27.1	21.2	17.8	20.4	58	..	5.2	..	9.1	0	2	25	02	10	6	1	5	3	0	0	3	0
	1730	102	1007.8	996.2	+1.7	24.4	21.1	19.3	22.4	74	- 1	5.4	+0.4	6.1	0	0	25	07	10	2	1	3	1	0	1	5	0
	2030	102	1009.7	998.0	..	21.6	20.1	19.1	22.1	85	..	4.8	..	3.8	0	0	17	05	5	2	0	0	1	2	2	13	0
SIBSAGAR	0830	97	(R)																								
	1730	97	(R)																								
GOHPUR	0830	83	1011.3	1001.8	..	23.2	20.6	19.1	22.2	79	+ 0	5.1	..	0.6	0	0	5	00	2	1	0	0	0	0	0	25	2
	1730	83	1007.3	997.8	..	24.7	21.3	19.4	22.5	73	+ 4	4.3	..	0.5	0	0	3	00	2	1	0	0	0	0	0	27	0
MAJBAT	0830		..	..	..	23.6	21.9	21.1	25.0	86	..	2.2	-2.0	4.5	0	0	24	00	15	0	8	0	1	0	0	6	0
	1730		..	..	..	26.2	24.8	24.2	30.2	87	..	1.4	-2.3	1.9	0	0	12	00	7	0	4	0	1	0	0	18	0
JORHAT AERODROME	0530	90	1010.2	1000.0	..	19.5	18.8	18.3	21.0	93	..	5.2	..	4.2	0	0	10	01	5	1	0	1	1	1	0	20	0
	0830	90	1011.9	1001.5	..	23.4	20.6	19.0	22.0	77	..	5.4	..	5.9	0	2	13	00	11	2	0	0	1	0	1	15	0
	1130	90	1010.5	1000.1	..	26.2	21.7	19.3	22.4	66	..	4.9	..	8.9	0	4	18	03	14	2	0	0	0	1	2	8	0
	1730	90	1007.1	996.7	..	24.6	21.4	19.6	22.8	75	..	4.5	..	4.4	0	1	11	00	10	1	0	1	0	0	0	18	0
	2330	90	1009.5	999.1	..	20.8	19.8	19.2	22.2	91	..	4.6	..	4.6	0	1	10	01	8	0	0	0	2	0	0	19	0
TANGLA	0830	78	1012.2	1003.2	+3.0	24.6	21.7	20.1	23.5	77	+10	3.2	+0.1	2.5	0	0	21	00	1	14	3	2	0	1	0	1	0
	1730	78	1006.6	997.9	+4.3	27.9	25.0	23.7	29.3	78	+15	2.7	-0.3	1.3	0	0	11	01	0	5	1	2	0	2	0	11	0
TEZPUR	0830	79	1012.0	1003.0	+1.4	23.2	20.3	18.7	21.6	75	+ 4	4.7	+0.8	6.2	0	2	22	05	17	1	0	0	1	0	0	6	0
	1730	79	1007.2	998.3	+1.7	27.1	21.9	19.1	22.1	62	+ 1	3.5	+0.1	4.7	0	0	19	00	17	1	0	0	1	0	0	11	0
GOLAGHAT	0830	95	1011.6	1000.7	+1.9	22.4	20.1	18.7	21.6	80	+ 3	4.0	-0.7	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	1730	95	1006.1	995.5	+0.7	27.3	21.7	18.5	21.3	60	- 4	3.2	-0.6	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
RANGIA	0830	60	1012.5	1005.7	..	24.4	21.7	20.3	23.8	79	+11	3.6	..	9.7	0	2	26	00	4	22	1	0	1	0	0	2	0
	1730	60	1007.2	1000.4	..	28.1	23.8	21.7	25.9	69	+12	3.2	..	2.9	0	0	15	00	2	10	1	0	1	1	0	15	0
CHAPARMUKH	0830	66	1011.6	1004.0	+1.5	25.1	21.4	19.3	22.4	73	+ 9	3.1	+0.6	4.2	0	0	27	00	5	8	9	2	0	2	1	2	0
	1730	66	1007.3	999.9	+2.4	26.8	22.0	19.4	22.5	65	+ 8	2.3	-1.0	2.6	0	0	14	06	4	1	3	0	0	0	0	11	0
GOALPARA	0830	38	1011.2	1006.8	+2.1	22.8	21.2	20.3	23.8	87	+15	3.6	+0.6	1.9	0	0	26	07	10	6	0	2	0	1	0	4	0
	1730	38	1005.6	1001.3	+1.4	29.5	25.4	23.5	28.9	74	+19	2.3	-0.1	1.9	0	0	26	04	8	7	2	2	0	2	1	4	0
GAUHATI (BHORJOR)	0230	54	1007.9	1001.7	..	20.7	19.5	18.9	21.8	91	..	3.4	..	4.3	0	0	15	02	8	2	0	1	0	1	0	15	1
	0530	54	1009.1	1002.8	..	19.8	19.1	18.7	21.6	93	..	4.7	..	3.9	0	0	15	05	5	2	0	3	0	0	0	15	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – APRIL 1968 (CHAITRA 12– VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
NORTH ASSAM (INCLUDING NEFA) (CONTD.)																											
GAUHATI (BHOR JOR)	0830	54	1011.1	1004.9	+1.3	24.4	21.3	19.6	22.8	76	+ 8	4.4	+1.3	6.7	0	0	28	08	11	7	0	0	0	0	1	2	1
	1130	54	1009.7	1003.5	..	27.9	22.5	19.6	22.8	63	..	4.3	..	8.6	0	1	27	11	8	5	0	0	1	2	1	2	0
	1430	54	1006.2	1000.1	..	29.8	22.8	19.0	22.0	54	..	4.1	..	7.2	0	0	29	08	8	3	0	0	0	4	5	1	1
	1730	54	1005.9	999.7	+0.9	28.2	22.6	19.6	22.8	61	+ 4	4.7	+1.5	5.2	0	0	23	06	11	1	1	0	0	2	2	7	0
	2030	54	1008.0	1001.8	..	22.4	21.6	20.1	23.5	79	..	3.6	..	4.8	0	0	19	02	5	6	0	2	3	0	0	11	1
	2330	54	1008.6	1002.3	..	22.1	20.6	19.7	22.9	86	..	3.5	..	6.6	0	1	14	01	10	4	0	0	0	0	0	15	0
DHUBRI (RUPSI)	0530	45	1008.7	1003.5	..	20.8	19.2	18.2	20.9	85	..	3.4	..	6.6	0	0	24	01	16	6	0	1	0	0	0	6	0
	0830	45	1010.5	1005.3	+1.8	25.7	21.2	18.7	21.6	66	+ 6	4.0	+0.7	7.9	0	0	29	00	9	15	4	0	1	0	0	1	0
	1130	45	1009.2	1004.1	..	29.4	22.4	18.6	21.4	54	..	4.4	..	11.2	0	2	27	00	5	9	8	3	3	1	0	1	0
	1730	45	1004.9	999.8	+1.4	30.1	22.5	18.3	21.0	51	+ 4	3.3	+1.1	4.5	0	0	20	00	4	8	1	1	3	3	0	10	0
DHUBRI	0830	35	1011.0	1007.0	+1.3	25.3	21.8	19.9	23.2	77	+ 5	2.4	-1.0	9.0	0	2	23	01	21	3	0	0	0	0	0	5	0
	1730	35	1005.9	1002.0	+1.3	29.2	22.8	19.4	22.5	58	+ 1	1.6	-0.7	3.9	0	0	18	00	12	4	0	1	1	0	0	12	0
LUMDING	0830	149	1012.2	995.2	..	23.5	20.3	18.4	21.1	74	+ 6	3.7	..	1.7	0	0	14	01	0	11	1	1	0	0	0	16	0
	1730	149	1006.7	990.1	..	28.1	21.7	18.1	20.8	58	..	4.0	..	3.0	0	0	20	00	2	6	2	3	3	2	2	10	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																											
TURA	0830	370	1010.8	969.4	+1.0	25.5	24.3	23.8	29.5	90	+21	5.3	+2.1	6.0	0	0	25	00	2	4	8	5	3	3	0	5	0
	1730	370	1005.7	964.9	+0.3	28.8	27.4	26.9	35.4	90	+31	5.0	+2.3	5.4	0	0	27	01	1	2	9	7	5	2	0	3	0
HAFLONG	0830	682	1009.0	933.6	-0.5	22.2	18.9	17.1	19.5	74	+ 5	3.4	+0.2	2.7	0	0	30	00	0	0	0	0	30	0	0	0	0
	1730	682	1007.3	932.4	+2.1	23.6	19.5	17.3	19.7	68	+ 7	3.6	-0.2	2.3	0	0	28	00	0	0	0	0	28	0	0	2	0
SILCHAR (KUMBHIRGRAM)	0530	97	1008.7	997.5	..	20.6	19.0	18.0	20.6	85	..	4.5	..	6.1	0	0	23	00	7	14	0	0	1	0	0	7	1
	0830	97	1010.3	999.3	+1.0	24.5	21.0	19.1	22.1	73	+ 4	4.3	+1.0	5.7	0	0	26	00	2	17	3	1	1	0	0	4	2
	1130	97	1008.7	997.9	..	28.6	22.2	18.7	21.6	56	..	3.9	..	6.4	0	0	28	00	4	3	1	4	4	2	0	2	10
	1730	97	1005.2	994.3	+0.7	28.0	22.4	19.4	22.5	58	- 3	4.9	+1.6	2.7	0	0	16	01	1	4	2	0	1	5	0	14	2
SILCHAR	0830	29	1011.6	1008.3	+0.7	24.8	21.7	20.1	23.5	75	+ 1	3.8	-0.2	0.5	0	0	7	00	3	3	1	0	0	0	0	23	0
	1730	29	1006.4	1003.1	+0.5	28.5	23.2	20.5	24.1	62	- 2	4.8	+1.2	0.2	0	0	3	00	1	1	0	0	1	0	0	27	0
IMPHAL (TULIHAL)	0530	781	1012.3	924.6	..	16.3	15.3	14.6	16.6	91	..	5.2	..	1.0	0	0	3	00	1	1	0	0	0	1	0	27	0
	0830	781	1012.4	926.1	+0.9	21.6	17.9	15.7	17.8	70	+ 7	4.1	+0.8	2.9	0	1	5	01	0	0	0	2	1	0	2	24	0
	1130	781	1009.6	924.7	..	25.7	19.3	15.6	17.7	55	..	4.2	..	5.3	0	1	11	01	0	0	0	1	1	4	4	18	1
	1430	781	1006.2	921.7	..	26.9	19.1	14.2	16.2	48	..	4.4	..	9.8	0	4	17	00	3	0	0	0	1	8	9	9	0
	1730	781	1006.9	921.8	+2.4	23.9	18.7	15.7	17.8	62	+12	5.0	+1.7	7.7	0	3	14	00	0	1	1	1	0	7	7	13	0
	2030	781	1010.5	924.1	..	20.7	17.6	15.7	17.8	75	..	4.8	..	2.3	0	0	8	03	0	0	1	1	0	2	1	22	0
	2330	781	1011.3	924.3	..	18.7	16.9	15.8	17.9	83	..	5.0	..	3.4	0	1	5	02	1	0	0	1	0	0	2	24	0
KAILASHAHAR	0530	29	1010.4	1007.1	..	21.4	20.7	20.3	23.8	93	..	4.4	..	1.7	0	0	11	00	0	0	0	6	5	0	0	19	0
	0830	29	1011.9	1008.6	+1.4	26.6	23.1	21.3	25.3	73	+ 2	3.6	+0.2	5.9	0	1	27	02	2	2	3	9	8	1	0	2	1
	1130	29	1010.4	1007.2	..	30.5	24.1	20.9	24.7	57	..	3.9	..	7.2	0	1	27	03	5	3	7	4	2	2	2	2	0
	1730	29	1007.1	1003.8	+1.4	27.8	23.4	21.2	25.2	69	+ 8	5.3	+1.4	6.5	0	1	24	02	5	3	3	4	7	0	0	5	1
AGARTALA	0230	16	1007.3	1005.5	..	23.0	21.4	20.5	24.1	86	..	3.7	..	7.1	0	2	18	00	2	2	5	11	0	0	0	10	0
	0530	16	1008.4	1006.6	..	22.7	21.2	20.3	23.8	89	..	4.1	..	7.2	0	1	23	01	2	2	11	7	0	0	1	6	0
	0830	16	1010.1	1008.3	+1.1	28.1	23.8	21.9	25.9	69	- 2	3.8	-0.1	11.5	0	7	19	02	1	0	6	14	1	1	1	4	0
	1130	16	1008.9	1007.1	..	31.4	24.5	21.1	25.0	55	..	4.8	..	11.1	0	6	24	01	1	0	1	19	2	5	1	0	0
	1430	16	1006.0	1004.2	..	31.2	24.1	20.5	24.1	55	..	4.8	..	13.8	0	7	21	01	2	1	1	17	1	3	2	2	0
	1730	16	1005.6	1003.8	+1.1	28.3	23.4	20.9	24.7	66	+ 7	5.5	+1.7	15.6	0	8	20	01	0	4	5	12	1	3	2	2	0
	2030	16	1007.7	1005.9	..	25.1	22.3	20.9	24.7	77	..	4.4	..	12.7	0	7	17	01	1	1	6	12	1	1	1	6	0
	2330	16	1007.9	1006.1	..	24.2	22.1	21.0	24.9	83	..	4.0	..	8.1	0	1	23	01	2	3	8	9	1	0	0	6	0
SUB-HIMALAYAN WEST BENGAL																											
BAGHDOGRA	0230	131	1007.7	992.6	..	20.9	17.7	15.5	17.6	74	..	3.2	..	9.4	0	1	23	05	11	7	0	0	0	0	1	6	0
	0530	131	1008.6	993.5	..	21.1	18.2	16.3	18.5	75	..	3.8	..	10.8	0	2	24	05	5	15	1	0	0	0	0	4	0
	0830	131	1010.3	995.5	+1.7	27.5	20.8	16.8	19.1	53	- 5	4.1	+1.3	19.5	0	10	20	01	8	19	2	0	0	0	0	0	0
	1130	131	1009.0	994.4	..	31.3	21.8	16.1	18.3	41	..	3.7	..	18.8	0	10	19	00	1	17	7	2	1	1	0	1	0
	1430	131	1005.7	991.2	..	33.0	22.4	16.2	18.4	38	..	4.2	..	16.6	0	7	23	00	3	10	3	4	5	3	2	0	0
	1730	131	1004.7	990.1	+0.2	30.2	21.7	16.7	19.0	45	- 4	3.8	+1.2	14.2	0	2	26	02	7	6	3	3	3	3	1	2	0
	2030	131	1007.1	992.3	..	25.0	20.0	17.0	19.4	62	..	2.6	..	8.3	0	1	21	04	10	4	1	1	1	0	1	8	0
	2330	131	1008.2	993.2	..	22.5	18.7	16.3	18.5	69	..	3.5	..	10.3	0	2	20	04	13	4	1	0	0	0	0	8	0
JALPAIGURI	0830	83	1010.3	1000.9	+1.1	24.6	21.0	19.0	22.0	71	+ 3	2.6	-0.3	8.0	0	3	27	03	7	18	1	0	0	0	1	0	0
	1730	83	1004.5	995.3	+0.5	30.3	22.7	18.5	21.3	51	+ 1	1.4	-0.7	5.0	0	1	27	01	8	11	0	1	0	4	3	2	0
COOCH BEHAR AERODROME	0830	43	1010.8	1006.0	+2.3	25.9	21.2	18.5	21.3	65	+ 1	3.8	+0.3	17.3	0	11	19	02	3	24	1	0	0	0	0	0	0
	1130	43	1009.4	1004.7	..	29.9	22.4	18.3	21.0	51	..	3.6	..	19.6	0	15	14	00	1	10	5	2	0	0	0	1	11
	1730	43	1005.3	1000.5	+1.8	29.6	22.4	18.4	21.1	53	- 2	3.2	+1.0	8.3	0	2	21	05	7	6	0	2	1	1	1	7	0
BALURGHAT	0830	26	..	..	..	28.1	22.0	18.7	21.6	56	..	2.3	..	2.9	0	0	21	03	1	7	3	1	3	2	1	9	0
	1730	26	..	..	..	31.6	22.4	17.2	19.6	43	..	1.5	..	2.7	0	0	15	06	2	0	1	1	3	2	0	15	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1968 (CHAITRA 12- VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SUB HIMALAYAN WEST BENGAL(CONTD.)																											
MALDA	0830	31	1009.4	1005.9	+1.1	29.1	21.4	16.9	19.3	49	- 7	2.1	-0.7	1.0	0	0	23 00	2	4	3	4	6	3	1	7	0
	1730	31	1004.1	1000.6	+0.6	34.2	21.5	13.3	15.3	30	- 7	2.8	+1.2	2.0	0	0	17 00	2	4	0	1	1	5	4	13	0
GANGETIC WEST BENGAL																											
BERHAMPORE	0830	19	1009.5	1007.4	+1.2	28.2	23.2	20.7	24.4	64	+ 3	3.0	-0.1	3.0	0	0	25 00	0	5	1	14	2	3	0	5	0
	1730	19	1004.8	1002.7	+1.6	33.0	22.5	15.9	18.1	35	- 2	2.5	-0.2	1.7	0	0	15 00	1	7	1	5	0	1	0	15	0
SURI	0830		..	..	..	30.6	22.4	17.8	20.4	48	+ 5	1.5	-1.0	0.0	0	0	00 00	0	2	1	17	1	3	0	0	0
ASANSOL	0230	126	1006.6	997.3	..	25.2	21.0	18.6	21.4	67	..	1.7	..	2.5	0	0	10 00	1	2	1	2	2	2	0	20	0
	0530	126	1007.6	993.2	..	23.9	20.5	18.8	21.3	72	..	2.6	..	2.1	0	0	14 00	0	4	1	2	3	2	2	16	0
	0830	126	1009.1	995.1	+1.3	31.2	23.4	19.8	22.4	51	+ 3	2.7	+0.6	5.0	0	0	27 02	1	0	2	7	5	4	6	3	0
	1130	126	1007.7	993.9	..	36.6	24.9	18.9	21.8	36	..	2.7	..	5.9	0	0	29 02	3	5	0	4	4	6	5	1	0
	1430	126	1004.5	990.8	..	28.3	25.2	18.5	21.3	32	..	3.7	..	5.1	0	0	28 02	4	2	2	3	3	6	6	2	0
	1730	126	1003.7	990.0	+1.0	36.1	24.1	17.7	20.2	35	+ 7	4.1	+1.3	4.8	0	1	23 02	3	0	3	3	1	6	6	6	0
	2030	126	1006.4	992.4	..	30.2	22.8	18.8	21.7	61	..	1.5	..	4.5	0	0	18 00	3	0	4	7	1	2	1	12	0
	2330	126	1007.2	993.1	..	28.2	22.5	19.5	22.1	60	..	1.8	..	5.6	0	0	18 00	1	2	0	10	2	1	2	12	0
SHANTI NIKETAN	0830	59	1009.7	1003.1	..	29.6	22.7	19.0	22.0	54	..	2.5	..	5.7	0	0	24 03	1	1	2	10	3	4	4	2	0
	1130	59	1008.6	1002.1	..	34.7	22.2	14.5	16.5	32	..	2.6	..	5.6	0	0	29 03	1	2	1	6	9	2	5	1	0
	1730	59	1004.5	998.1	..	35.6	22.0	13.4	15.4	27	..	3.7	..	5.4	0	0	24 03	0	2	3	4	4	2	6	6	0
KRISHNANAGAR	0830	15	1009.5	1007.8	+0.9	29.7	24.3	21.7	25.9	63	- 3	1.8	-1.1	2.8	0	0	17 00	0	1	3	9	3	1	0	13	0
	1730	15	1005.6	1004.0	+1.8	34.0	23.8	18.4	21.1	41	- 2	2.3	-0.5	1.4	0	0	12 00	0	0	1	9	1	1	0	18	0
PURULIA	0830	255	1009.3	981.1	+1.0	29.6	22.0	17.7	20.2	49	+11	2.9	+1.2	5.3	0	0	29 05	2	1	5	4	4	3	5	1	0
	1730	255	1003.9	976.3	+0.9	35.5	23.3	16.3	18.5	33	+ 9	5.1	+2.2	5.7	0	0	25 02	1	1	5	4	4	2	6	5	0
BANKURA	0830	100	1009.5	998.3	..	30.0	24.0	21.0	24.9	62	..	0.8	..	0.9	0	0	12 00	0	0	1	2	3	4	1	18	1
	1730	100	1005.1	994.2	..	35.0	24.8	19.7	22.9	43	..	1.0	..	1.0	0	0	9 00	0	0	0	1	0	2	0	21	6
BURDWAN	0830	32	1009.0	1005.8	+1.2	30.3	25.3	23.0	28.1	66	- 1	1.3	-0.9	2.3	0	0	23 01	0	4	2	7	5	4	1	6	0
	1730	32	1004.8	1001.2	+1.2	33.8	25.6	21.4	25.5	50	+10	2.2	-0.2	3.4	0	0	23 01	0	9	4	3	3	2	0	7	1
CALCUTTA (DUM DUM)	0230	6	1006.6	1005.9	..	25.4	23.5	22.5	27.3	85	..	2.4	..	7.9	0	2	22 00	1	1	3	16	3	0	0	6	0
	0530	6	1007.5	1006.8	..	24.9	23.3	22.5	27.3	87	..	3.5	..	6.5	0	0	26 01	2	0	2	13	7	1	0	4	0
	0830	6	1009.4	1008.7	+0.7	29.1	24.9	23.0	28.1	71	+ 1	3.3	+0.2	9.6	0	1	29 00	2	2	1	14	7	1	3	0	0
	1130	6	1008.6	1007.9	..	33.6	25.2	21.2	25.2	49	..	3.3	..	9.5	0	1	29 02	0	2	3	13	6	3	1	0	0
	1430	6	1005.5	1004.8	..	35.1	24.9	19.8	23.1	42	..	3.8	..	10.0	0	2	28 01	1	2	5	11	4	3	3	0	0
	1730	6	1005.0	1004.3	+0.6	32.0	24.2	20.3	23.8	51	- 4	4.1	+1.0	11.6	0	4	23 00	0	1	4	17	4	0	1	3	0
	2030	6	1007.6	1006.9	..	27.9	24.3	22.6	27.4	73	..	3.0	..	11.5	0	2	27 01	1	1	5	16	4	1	0	1	0
	2330	6	1007.7	1007.0	..	26.4	24.0	22.9	27.9	81	..	2.7	..	11.1	0	4	25 00	2	2	5	17	3	0	0	1	0
CALCUTTA	0830	6	1009.5	1008.8	+0.9	30.3	25.0	22.5	27.3	63	- 8	3.3	+0.4	7.9	0	0	29 00	1	2	2	9	10	3	2	1	0
	1130	6	1008.5	1007.8	..	34.2	24.5	19.2	22.2	43	..	3.2	..	9.3	0	2	26 00	0	1	8	8	6	3	4	0	0
	1730	6	1005.2	1004.5	+0.8	31.6	23.7	19.6	22.8	51	- 5	3.6	+0.6	11.0	0	5	25 01	0	3	4	14	7	0	1	0	0
MIDNAPORE	0830	45	1009.5	1004.3	+0.8	29.9	23.4	20.1	23.5	67	- 5	1.4	-0.8	4.5	0	0	28 02	6	0	1	2	16	0	1	2	0
	1730	45	1004.5	999.5	+0.8	35.0	22.6	15.2	17.3	32	- 9	2.9	-0.3	7.0	0	2	25 00	3	0	2	4	13	1	3	3	1
CONTAI	0830	11	1009.6	1008.4	+1.1	29.8	25.1	22.9	27.9	67	- 9	3.5	+0.6	11.6	0	5	23 02	1	0	0	11	12	0	2	2	0
	1730	11	1006.0	1004.8	+1.1	29.2	25.9	24.5	30.7	77	+ 1	3.0	-0.2	17.2	0	13	16 00	0	1	5	13	10	0	0	1	0
SAGAR ISLAND	0830	3	1009.3	1009.0	+0.7	29.0	26.2	25.0	31.7	79	+ 4	4.4	+0.5	20.6	0	15	14 02	1	0	1	14	9	1	1	1	0
	1730	3	1005.5	1005.2	+0.6	29.3	26.5	25.3	32.2	89	+ 0	4.1	+0.3	27.1	0	20	10 01	0	0	12	16	1	0	0	0	0
SANDHEADS	0530	10	1007.8	1006.7	..	27.6	25.6	24.7	31.1	85	..	3.8	..	24.3	0	15	14 00	0	0	1	5	22	1	0	1	0
	0830	10	1010.1	1009.0	+0.9	28.8	26.1	24.9	31.5	80	- 1	3.1	+0.2	20.1	0	14	15 00	0	1	0	5	20	2	1	1	0
	1130	10	1009.8	1008.7	..	29.4	26.3	24.9	31.5	78	..	3.7	..	18.7	0	13	16 00	0	1	0	5	22	1	0	1	0
	1730	10	1006.2	1005.1	+0.8	28.6	26.0	24.9	31.5	81	- 4	4.0	+1.1	25.0	0	16	12 00	0	0	0	10	17	1	0	2	0
	2330	10	1008.2	1007.1	..	27.8	26.0	25.2	32.1	85	..	0.9	..	27.7	1	19	10 00	1	0	0	8	19	1	1	0	0
ORISSA																											
BARIPADA	0830	54	1010.3	1004.2	+1.3	30.3	23.4	19.9	23.2	55	- 3	1.8	+0.2	4.5	0	0	24 04	0	0	4	6	6	0	4	6	0
	1730	54	1005.7	999.7	+0.9	33.1	23.8	18.9	21.8	45	+ 1	4.2	+1.3	7.7	0	0	27 00	0	0	9	11	5	2	0	3	0
JHARSUGUDA	0230	230	1006.9	981.0	..	25.6	19.2	15.0	17.0	52	..	3.0	..	7.3	0	2	26 00	2	3	7	9	4	2	1	2	0
	0530	230	1007.8	981.8	..	23.9	19.1	16.0	18.2	61	..	3.6	..	5.1	0	0	25 00	6	2	3	11	2	1	0	5	0
	0830	230	1009.5	983.9	+1.1	29.4	21.0	15.9	18.1	44	+ 9	3.1	+1.3	8.6	0	0	29 04	5	1	3	5	6	1	4	1	0
	1130	230	1008.2	983.1	..	34.8	21.9	13.7	15.7	29	..	3.4	..	10.9	0	2	27 03	0	1	2	1	9	11	2	1	0
	1430	230	1004.5	979.7	..	37.5	21.6	11.2	13.3	21	..	3.9	..	16.1	0	11	17 01	2	0	1	4	7	11	5	0	0
	1730	230	1003.9	979.0	+1.3	35.0	20.8	10.3	12.5	22	+ 3	4.0	+1.5	13.1	0	3	26 00	1	1	2	3	10	3	9	1	0
	2030	230	1006.4	981.0	..	30.6	20.4	13.7	15.7	36	..	2.8	..	8.7	0	2	26 03	1	0	3	9	7	5	0	2	0
	2330	230	1007.4	981.8	..	28.0	19.9	14.6	16.6	44	..	2.8	..	7.6	0	1	25 03	2	0	6	5	6	3	1	4	0
KEONJHARGARH	0830	463	1011.7	960.5	+2.2	27.4	20.1	16.0	18.2	50	- 2	1.2	-0.2	1.6	0	0	24 02	1	6	0	2	0	12	1	6	0
	1730	463	1004.6	954.8	+0.4	32.5	21.0	14.5	16.5	35	- 5	3.5	+0.8	1.9	0	0	29 02	0	6	2	4	0	15	0	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – APRIL ,1968 (CHAITRA 12- VAISAKHA 12,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 63 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
ORISSA (CONTD.)																											
BALASORE	0830	20	1009.7	1007.5	+1.3	30.1	24.1	21.1	25.0	59	- 9	3.2	+0.2	13.3	0	9	18	04	1	0	1	5	15	0	1	3	0
	1730	20	1005.7	1003.5	+1.4	30.3	24.5	21.7	25.9	61	- 7	4.6	+0.4	13.9	0	4	25	01	0	0	3	20	4	0	1	1	0
SAMBALPUR	0830	148	1008.4	992.1	+0.1	31.1	20.1	12.5	14.5	34	-14	3.0	+1.1	0.9	0	0	12	00	1	0	1	0	10	0	0	18	0
	1730	148	1004.1	987.9	+0.9	34.7	23.1	16.5	18.8	34	+ 7	3.0	+0.3	0.7	0	0	6	00	0	0	3	1	2	0	0	24	0
ANGUL	0830	139	1010.2	994.7	+1.3	30.1	24.3	21.5	25.6	61	+ 0	3.1	+0.8	2.4	0	0	23	02	0	12	0	2	0	7	0	7	0
	1730	139	1004.5	989.5	+1.4	34.9	24.5	19.1	22.1	41	+12	5.5	+1.4	3.7	0	0	25	01	0	4	2	9	1	8	0	5	0
CHANDBALI	0830	6	1010.0	1009.3	+0.9	29.7	24.6	22.1	26.6	65	- 6	3.5	+0.7	7.5	0	0	27	01	0	1	4	4	13	1	3	3	0
	1730	6	1005.7	1005.0	+0.7	31.4	24.8	21.7	25.9	57	- 7	4.0	+1.2	14.1	0	6	24	00	0	6	16	4	4	0	0	0	0
BOLANGIR	0830	190	1009.6	988.4	-0.9	29.9	26.7	25.4	32.4	76	+27	3.2	+0.9	5.1	0	0	27	02	1	0	3	12	7	1	1	3	0
	1730	190	1004.4	983.6	-0.4	34.3	25.6	21.5	25.6	49	+16	4.5	+1.2	2.0	0	0	14	01	0	1	2	6	1	2	1	16	0
PHULBANI	0830	464	1009.5	958.5	..	27.0	20.8	17.1	19.5	58	..	0.5	..	0.3	0	0	4	00	0	0	0	0	4	0	0	26	0
	1730	464	1004.3	954.3	..	31.6	21.9	16.1	18.3	43	..	4.1	..	0.5	0	0	6	00	0	1	0	0	2	2	1	24	0
CUTTACK	0830	27	1010.6	1007.6	+1.5	29.8	24.3	21.7	25.9	62	- 9	2.3	+0.0	5.5	0	0	29	00	1	2	0	4	14	6	2	1	0
	1730	27	1006.2	1003.2	+1.7	33.3	24.8	20.7	24.4	48	- 2	2.8	-1.2	11.1	0	2	27	00	0	0	2	9	16	2	0	1	0
TITLAGARH	0830	211	1008.6	985.0	-0.2	27.2	21.2	17.7	20.2	56	+ 9	3.0	+1.0	1.7	0	0	26	00	12	0	8	0	5	0	1	4	0
	1730	211	1002.6	979.7	-0.6	35.1	22.4	14.7	16.7	31	+ 2	3.2	+0.5	1.5	0	0	23	00	9	0	5	0	6	0	3	7	0
BHUBANESWAR	0230	46	1007.4	1002.2	..	26.2	23.6	22.3	26.9	78	..	4.1	..	14.3	0	7	21	01	1	1	2	3	19	1	0	2	0
	0530	46	1008.2	1003.0	..	25.8	23.5	22.3	26.9	79	..	4.8	..	9.4	0	3	22	01	1	0	1	7	13	1	1	5	0
	0830	46	1010.1	1005.0	+1.2	29.6	24.2	21.6	25.8	63	- 5	4.8	+1.8	16.5	0	9	21	00	2	0	0	4	21	3	0	0	0
	1130	46	1009.2	1004.1	..	34.4	24.1	18.7	21.6	40	..	3.7	..	18.0	0	11	18	01	0	0	1	4	17	2	2	1	2
	1430	46	1006.0	1001.0	..	35.9	24.1	17.7	20.2	36	..	4.7	..	23.1	0	18	12	01	0	0	0	13	8	3	0	0	5
	1730	46	1006.0	1000.9	+1.1	31.3	24.2	20.7	24.4	55	- 2	5.2	+1.5	27.8	0	26	4	00	1	0	0	12	16	0	1	0	0
	2030	46	1008.3	1003.1	..	28.6	24.6	22.7	27.6	71	..	3.6	..	15.7	0	11	19	01	0	0	0	10	19	0	0	0	0
	2330	46	1008.6	1003.4	..	27.5	24.3	22.8	27.7	77	..	3.9	..	17.4	0	8	21	00	1	0	1	10	14	3	0	1	0
PURI	0830	6	1010.2	1009.5	+0.8	28.7	27.7	27.3	36.3	92	+12	2.5	-0.8	23.8	0	23	7	00	0	0	0	0	30	0	0	0	0
	1730	6	1009.4	1008.7	+3.8	27.9	26.6	26.1	33.8	89	+ 4	3.0	-0.9	30.1	0	26	4	00	0	0	0	1	29	0	0	0	0
GOPALPUR	0530	17	1008.2	1006.3	..	25.6	24.4	23.9	29.7	90	..	4.5	..	9.3	0	4	21	02	0	0	1	2	17	2	1	5	0
	0830	17	1010.4	1008.5	+1.3	28.0	25.5	24.5	30.7	82	+ 3	4.0	+1.6	12.3	0	7	21	01	2	0	2	7	13	3	0	2	0
	1130	17	1009.9	1008.0	..	30.1	26.7	25.3	32.2	76	..	3.4	..	16.9	0	14	16	00	0	0	2	15	13	0	0	0	0
	1730	17	1006.7	1004.8	+1.3	28.1	26.4	25.7	33.0	87	+ 2	5.5	+1.4	21.6	0	21	9	00	0	0	0	8	22	0	0	0	0
	2330	17	1008.7	1006.8	..	27.0	24.8	23.8	29.5	84	..	3.5	..	18.7	0	13	17	00	0	0	0	2	21	2	5	0	0
KORAPUT	0830	913	1519.1	911.3	+0.6	24.5	19.7	17.1	19.5	65	+ 2	2.7	+0.6	5.8	0	0	30	00	0	0	29	0	1	0	0	0	0
	1730	913	1494.1	908.1	+0.5	27.1	19.4	14.9	16.9	49	+ 5	4.8	+0.4	10.2	0	0	30	00	1	0	0	3	25	0	1	0	0
BIHAR PLATEAU																											
DUMKA	0830	149	1008.8	992.2	+0.9	29.8	22.1	17.7	20.2	50	+ 1	1.7	+0.1	2.7	0	0	17	00	3	1	4	1	2	6	0	13	0
	1730	149	1004.2	988.0	+1.2	34.9	21.9	13.7	15.7	30	- 3	2.6	+0.6	3.4	0	0	20	01	0	1	3	4	2	6	3	10	0
DALTONGANJ	0830	221	1010.0	985.3	+1.9	29.6	20.1	13.8	15.8	39	+ 2	2.8	+1.2	4.1	0	0	29	00	0	0	1	0	24	0	4	1	0
	1730	221	1003.4	979.3	+0.7	35.1	22.3	14.5	16.5	30	+10	4.0	+1.4	4.7	0	0	28	00	4	0	2	0	4	0	18	2	0
HAZARIBAGH	0830	611	1008.5	941.8	+0.7	28.0	18.9	13.2	15.2	41	+ 9	2.7	+0.3	5.7	0	0	25	00	0	0	0	8	10	0	7	5	0
	1730	611	1003.4	937.9	+0.6	31.8	19.5	11.6	13.7	31	+ 9	4.6	+1.6	7.3	0	0	28	06	2	1	1	2	2	2	12	2	0
DHANBAD	0830	257	1008.4	979.9	+0.4	29.5	21.1	16.0	18.2	45	+ 6	1.3	-0.3	2.8	0	0	21	00	0	0	4	2	7	3	5	9	0
	1730	257	1003.3	975.4	..	34.9	21.7	13.2	15.3	28	..	2.7	..	2.8	0	0	29	00	5	0	7	0	3	0	14	1	0
RANCHI AERODROME	0530	652	1007.6	935.6	..	27.5	15.9	11.2	13.3	50	..	2.0	..	9.1	0	2	21	01	0	0	1	3	9	4	5	7	0
	0830	652	1008.4	937.4	+0.7	27.3	18.1	12.1	14.1	40	+ 9	2.5	+0.7	15.8	0	8	19	03	1	1	1	2	10	4	5	3	0
	1130	652	1006.5	936.7	..	32.0	18.5	8.9	11.4	24	..	9.6	..	18.5	0	13	14	01	1	0	0	3	14	5	3	3	0
	1430	652	1003.2	933.9	..	33.5	18.9	8.6	11.2	22	..	4.0	..	21.1	0	13	14	00	1	2	1	4	8	6	5	3	0
	1730	652	1002.9	933.3	+0.0	31.9	18.4	8.8	11.3	25	+ 1	4.2	+1.1	15.6	0	8	21	04	1	2	1	2	7	4	8	1	0
	2030	652	1006.1	935.5	..	27.9	17.5	10.1	12.3	34	..	2.6	..	10.3	0	2	21	03	1	1	0	1	6	3	8	7	0
JAMSHEDPUR	0830	129	1008.6	994.2	+0.3	29.6	21.3	16.3	18.5	46	- 2	2.1	+0.5	3.1	0	0	23	00	0	0	1	1	5	11	5	7	0
	1730	129	1003.4	989.3	+0.7	36.0	21.4	11.5	13.6	23	- 1	3.5	+0.9	3.4	0	0	22	02	0	1	1	6	2	5	5	8	0
JAMSHEDPUR P.B.O.	0530	142	1007.3	991.3	..	25.3	19.8	16.3	18.5	58	..	3.0	..	2.3	0	0	15	00	0	7	1	2	2	1	2	15	0
	0830	142	1009.1	993.3	+1.1	30.1	21.3	15.9	18.1	43	+ 2	2.5	+0.7	6.2	0	0	24	00	3	2	1	0	7	6	5	6	0
	1130	142	1007.5	991.9	..	35.3	21.9	13.3	15.3	27	..	2.5	..	8.3	0	0	30	00	0	2	1	8	7	6	6	0	0
	1430	142	1004.0	988.6	..	37.5	21.7	10.9	13.0	21	..	4.3	..	8.2	0	1	27	02	1	4	2	3	3	9	4	2	0
	1730	142	1003.3	987.9	+0.9	36.1	21.1	10.6	12.8	22	+ 1	4.8	+1.6	8.5	0	0	28	05	0	2	3	4	1	7	6	2	0
	2030	142	1005.7	990.0	..	32.1	21.0	13.9	15.9	34	..	2.2	..	5.4	0	0	22	00	1	6	4	4	3	1	3	8	0
	2330	142	1007.0	991.2	..	29.3	20.8	15.5	17.6	45	..	1.7	..	4.4	0	0	20	02	0	5	1	5	2	3	2	10	0
CHAIBASA	0830	226	1008.6	983.6	+0.5	30.1	20.0	13.2	15.2	37	-18	4.4	+1.7	4.0	0	0	24	00	2	0	0	1	18	0	3	6	0
	1730	226	1003.4	978.9	+0.9	35.5	20.1	8.4	11.0	19	-12	5.1	+1.1	2.7	0	0	21	01	1	0	6	0	9	0	4	9	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1968 (CHAITRA 12- VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of current standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BIHAR PLAINS																											
MOTIHARI	0830	66	1008.6	1001.2	+1.0	28.5	21.3	17.1	19.5	52	+ 0	1.8	+0.5	6.5	0	0	25	01	2	10	5	0	2	4	1	0	0
	1730	66	1004.4	997.1	+1.5	33.0	22.2	15.8	17.9	37	- 1	1.2	+0.0	4.1	0	0	12	02	1	2	0	0	0	6	1	10	0
FORBESGANJ	0830	61	1009.8	1002.9	+1.9	26.3	21.0	17.9	20.5	61	+ 8	2.4	+0.4	6.8	0	1	28	00	2	26	1	0	0	0	0	0	0
	1730	61	1004.2	997.5	+1.5	32.9	22.3	16.1	18.3	37	+ 7	1.9	-0.1	3.0	0	1	21	00	1	7	1	0	2	11	0	7	0
DARBHANGA	0830	49	1009.2	1003.7	+1.2	28.9	25.2	23.5	28.9	73	+20	1.6	+0.1	5.1	0	0	22	00	5	10	4	0	2	1	0	8	0
	1730	49	1004.3	998.9	+1.3	34.2	27.8	25.2	32.1	60	+25	1.3	-0.1	1.6	0	0	12	00	2	4	1	0	0	2	3	18	0
MUZAFFARPUR	0830		..	..	..	27.9	21.7	18.2	20.9	57	..	1.3	..	4.2	0	0	27	00	0	19	0	1	1	6	0	3	0
	1730		..	..	..	33.9	23.8	18.5	21.3	41	..	1.1	..	1.9	0	0	17	00	0	7	0	0	0	10	0	13	0
CHAPRA	0830	58	1008.5	1002.0	..	28.8	19.3	12.7	14.7	38	..	1.9	..	2.3	0	0	25	00	9	0	6	0	8	0	2	5	0
	1730	58	1004.3	998.0	..	35.3	21.1	11.3	13.4	24	..	1.4	..	3.1	0	0	29	00	7	0	7	0	11	0	4	1	0
PURNEA	0830	38	1009.5	1005.2	+1.1	27.0	20.6	16.7	19.0	55	+ 0	1.9	-0.3	2.9	0	0	26	01	3	17	0	0	2	3	0	4	0
	1730	38	1004.2	1000.0	+0.9	33.3	21.7	14.5	16.5	33	- 2	1.9	+0.3	1.9	0	0	22	01	3	5	0	0	2	11	0	8	0
PATNA	0830	53	1008.8	1002.8	+1.0	28.1	19.9	14.5	16.5	45	+ 4	2.6	+1.2	7.7	0	1	27	00	14	2	1	0	5	5	1	2	0
	1730	53	1003.9	998.1	+0.9	35.5	21.3	11.7	13.7	24	+ 0	3.1	+1.6	6.5	0	1	25	00	8	0	1	1	0	14	2	4	0
PATNA AERODROME	0230	60	1005.4	998.6	..	25.1	18.0	12.9	14.9	47	..	2.2	..	8.3	0	3	20	00	1	10	2	1	2	5	1	7	1
	0530	60	1006.3	999.5	..	23.4	17.2	12.6	14.6	52	..	3.0	..	6.7	0	1	20	00	1	8	2	2	3	3	2	9	0
	0830	60	1008.3	1001.6	+1.2	28.8	19.9	14.0	16.0	42	+ 4	3.1	+1.8	12.8	0	7	22	01	1	13	2	0	1	10	1	1	0
	1130	60	1007.4	1000.9	..	34.5	21.4	12.8	14.8	29	..	3.0	..	12.9	0	6	24	00	1	10	2	0	1	9	3	0	4
	1430	60	1004.3	997.8	..	36.6	21.4	11.0	13.1	22	..	3.0	..	13.7	0	8	21	01	3	7	0	0	4	9	4	1	1
	1730	60	1003.4	996.8	+0.9	35.6	20.9	10.5	12.7	23	+ 5	3.9	+2.6	10.4	0	4	22	00	2	5	1	1	1	9	7	4	0
	2030	60	1005.5	998.8	..	30.0	19.8	12.8	14.8	35	..	2.1	..	6.6	0	0	21	04	3	2	1	1	0	9	1	9	0
	2330	60	1006.1	999.3	..	27.3	18.9	13.1	15.1	42	..	2.2	..	8.0	0	3	16	03	2	7	0	1	0	4	2	11	0
BHAGALPUR	0530	49	1007.0	1001.5	..	23.8	18.8	18.5	17.6	61	..	3.5	..	3.1	0	0	27	00	2	12	4	1	6	2	0	3	0
	0830	49	1009.1	1003.6	+1.2	28.8	21.3	17.4	19.9	51	+ 4	3.2	+1.7	3.8	0	0	29	00	3	8	4	3	4	7	0	1	0
	1130	49	1008.2	1002.9	..	34.2	23.1	16.9	19.3	37	..	3.3	..	6.1	0	2	28	00	7	4	3	4	3	6	2	0	1
	1730	49	1004.0	998.6	+1.1	34.2	22.5	16.3	18.5	34	+ 3	4.0	+2.6	5.8	0	1	27	01	2	2	3	3	2	9	5	2	1
	2330	49	1006.8	1001.3	..	27.9	20.3	15.5	17.6	48	..	1.3	..	3.4	0	0	27	00	1	9	9	1	4	3	0	3	0
SABAUR	0830	37	1009.2	1005.0	+1.2	28.4	22.3	18.9	21.8	58	+ 6	2.7	+0.7	8.4	0	1	29	00	2	12	1	1	2	7	5	0	0
	1730	37	1003.9	999.8	+0.9	34.3	25.0	20.5	24.1	46	+12	3.3	+1.4	7.4	0	0	24	03	0	2	3	2	1	6	7	6	0
JAMUI	0830	82	1010.2	1000.9	+2.5	31.0	22.4	17.6	20.1	45	+ 6	1.8	+0.3	7.5	0	0	19	00	1	6	5	0	0	0	7	0	0
	1730	82	1005.2	996.1	+2.3	34.6	23.2	16.8	19.1	35	+ 7	2.1	+0.5	7.5	0	0	18	00	0	3	2	0	0	5	8	0	0
DEHRI	0830	107	1008.2	996.2	+0.9	30.3	19.2	11.3	13.4	32	+ 1	2.7	+1.5	3.8	0	0	29	01	1	2	8	7	5	3	2	1	0
	1730	107	1003.1	991.4	+0.7	36.3	20.6	9.0	11.5	19	+ 1	4.6	+3.1	4.6	0	0	30	01	5	2	4	0	2	15	1	0	0
GAYA	0230	116	1006.6	993.4	..	24.2	17.2	11.9	13.9	45	..	2.6	..	5.0	0	0	25	00	2	7	6	5	4	1	0	5	0
	0530	116	1007.2	994.0	..	23.0	16.6	11.7	13.7	49	..	3.0	..	5.0	0	1	23	01	3	5	6	5	3	1	0	6	0
	0830	116	1008.9	995.9	+1.2	30.3	20.0	13.0	15.0	35	+ 4	3.3	+2.3	9.0	0	1	29	00	3	2	5	12	3	4	1	0	0
	1130	116	1008.0	995.3	..	35.6	21.5	12.1	14.1	25	..	3.3	..	11.5	0	2	28	01	3	5	2	1	5	10	3	0	0
	1430	116	1004.9	992.3	..	37.5	21.9	10.9	13.0	22	..	4.2	..	15.0	0	9	21	02	2	1	1	1	5	7	9	0	2
	1730	116	1004.0	991.3	+1.1	35.8	21.3	11.5	13.6	24	+ 7	4.5	+2.7	13.7	0	6	21	01	1	2	2	2	1	8	10	3	0
	2030	116	1006.1	993.2	..	30.5	19.7	12.1	14.1	33	..	3.0	..	6.7	0	2	23	06	4	1	3	2	2	4	3	5	0
	2330	116	1007.1	994.0	..	27.0	18.6	12.6	14.6	41	..	2.3	..	5.9	0	0	23	00	2	7	3	5	2	3	1	7	0
UTTAR PRADESH EAST																											
KHERI	0830	147	1007.6	991.1	+0.6	27.6	19.0	13.2	15.2	44	- 2	2.4	+1.6	5.9	0	1	27	01	3	12	2	0	0	10	0	2	0
	1730	147	1003.4	998.7	+1.8	34.6	21.5	12.6	14.6	28	+ 1	3.0	+1.8	4.9	0	0	27	00	1	8	0	0	0	18	0	3	0
BAHRAICH	0830	124	1008.3	994.3	+1.1	27.5	18.8	12.5	14.5	41	- 2	2.0	+0.8	4.5	0	0	26	01	0	6	5	0	2	8	4	4	0
	1730	124	1003.8	990.2	+0.7	34.5	21.1	11.1	13.2	25	+ 1	3.6	+2.1	4.9	0	0	25	02	1	3	1	0	4	6	8	5	0
NAUTANWA	0830	99	1009.0	997.8	+1.4	27.3	18.5	11.5	13.6	38	- 5	1.0	+0.2	4.1	0	0	27	00	1	4	13	2	3	2	2	3	0
	1730	99	1006.0	995.9	+3.9	34.4	14.2	7.3	10.2	21	- 8	1.3	+0.3	3.7	0	0	29	00	2	0	10	1	7	2	7	1	0
HARDOI	0830	142	1008.4	992.4	+1.0	28.2	18.9	11.9	13.9	38	- 2	0.5	-0.9	2.5	0	0	24	02	2	3	0	3	0	14	0	6	0
	1730	142	1004.2	988.7	+1.2	34.4	20.1	8.7	11.2	22	+ 0	0.5	-1.0	2.3	0	0	23	02	0	1	0	2	0	18	0	7	0
GONDA	0830	110	1008.5	996.3	+1.0	29.8	19.9	13.1	15.1	37	- 2	1.2	-0.1	3.5	0	0	24	00	0	10	0	0	0	6	8	6	0
	1730	110	1004.2	992.1	+1.0	34.9	21.7	13.1	15.1	28	+ 6	1.8	+0.4	1.9	0	0	15	00	0	2	0	0	0	6	7	15	0
LUCKNOW	0830	111	1008.1	995.6	+0.7	26.7	17.7	10.5	12.7	39	+ 0	0.9	-0.2	0.6	0	0	8	00	0	2	0	0	0	6	0	22	0
	1730	111	1003.6	991.5	+0.4	34.9	21.0	11.1	13.2	24	+ 1	1.9	+0.7	0.5	0	0	6	00	0	0	0	0	0	6	0	24	0
LUCKNOW(AMOUSI)	0230	128	1005.8	991.2	..	22.0	15.3	9.0	11.5	46	..	1.3	..	4.3	0	0	18	00	0	4	1	0	2	6	5	12	0
	0530	128	1006.3	991.6	..	20.3	14.8	9.7	12.0	52	..	2.1	..	5.0	0	0	20	01	1	3	2	0	4	6	3	10	0
	0830	128	1008.0	993.7	+0.6	27.6	17.9	10.2	10.4	35	+ 2	2.3	+1.1	11.5	0	4	23	00	4	3	3	4	3	6	4	3	0
	1130	128	1007.7	993.7	..	33.9	19.8	8.5	11.1	23	..	2.7	..	14.3	0	7	23	01	1	5	7	2	3	5	6	0	0
	1430	128	1005.0	991.2	..	36.2	20.2	7.2	10.1	18	..	2.7	..	14.3	0	10	17	01	2	2	3	2	3	8	6	3	0
	1730	128	1003.7	989.8	+0.6	35.2	19.7	6.8	9.9	19	+ 1	2.3	+0.6	11.0	0	6	20	01	1	2	2	2	0	8	10	4	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1968 (CHAITRA 12- VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lt. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
UTTAR PRADESH EAST (CONTD.)																											
LUCKNOW (AMAUSI)	2030	128	1005.6	991.3	..	28.5	18.4	10.4	12.6	34	..	1.7	..	6.2	0	1	20	00	3	2	3	1	2	5	5	9	0
	2330	128	1006.5	992.0	..	25.1	16.8	9.8	12.1	40	..	1.7	..	6.5	0	1	21	02	2	5	1	1	1	3	7	8	0
FAIZABAD	0830	102	1008.3	996.8	+0.7	28.1	18.9	12.1	14.1	38	- 3	2.2	+0.7	4.1	0	0	21	00	0	5	4	2	1	7	1	9	1
	1730	102	1003.9	992.8	+0.6	34.2	21.4	12.8	14.8	28	+ 2	3.2	+1.3	2.3	0	0	14	00	1	1	1	0	1	8	2	16	0
GORAKHPUR	0830	77	1008.4	999.8	+2.3	29.1	19.2	11.9	13.9	36	- 7	1.6	+0.3	3.5	0	0	30	00	2	11	4	2	6	4	1	0	0
	1730	77	1005.2	996.8	+2.4	35.7	20.8	10.4	12.6	22	- 4	2.6	+1.2	2.8	0	0	25	01	1	3	0	1	2	16	1	5	0
GORKHPUR P.B.O.	0230	78	1005.8	996.8	..	26.1	17.3	11.7	13.6	41	..	1.0	..	3.4	0	0	17	01	1	3	1	1	2	8	0	13	0
	0530	78	1006.4	997.5	..	24.9	17.1	12.3	14.3	49	..	1.7	..	4.6	0	0	20	03	1	3	1	3	2	4	3	10	0
	1130	78	1007.7	999.1	..	33.3	19.9	11.7	13.7	29	..	2.8	..	4.2	0	3	27	00	1	2	10	6	5	4	2	0	0
	1430	78	1004.7	996.1	..	35.1	19.9	10.6	12.7	24	..	3.8	..	7.6	0	4	25	00	1	1	6	3	6	9	3	1	0
	2030	78	1005.7	996.9	..	30.7	18.7	10.6	12.7	32	..	2.1	..	4.7	0	2	14	00	1	2	0	1	2	9	1	14	0
	2330	78	1005.9	997.2	..	28.4	18.2	11.8	13.8	37	..	1.4	..	3.6	0	0	17	02	3	1	1	0	0	3	7	13	0
KANPUR	0830	126	1007.6	998.5	+0.0	28.6	19.2	12.5	14.5	38	+ 5	1.6	+0.5	6.4	0	0	23	04	1	3	3	2	1	6	3	7	0
	1730	126	1003.3	989.0	-0.8	35.8	22.3	13.5	15.5	47	+26	2.0	+0.5	7.3	0	0	28	02	1	6	1	1	1	10	6	2	0
KANPUR (AERODROME)	0530	126	1006.5	997.3	..	21.8	15.2	9.2	11.6	45	..	2.3	..	6.6	0	0	19	01	0	4	1	1	3	6	3	11	0
	0830	126	1008.3	994.2	..	28.2	17.6	8.7	11.2	31	..	2.7	..	11.0	0	2	23	01	2	3	2	3	3	7	3	5	1
	1130	126	1007.9	994.1	..	34.9	19.7	7.3	10.2	19	..	2.5	..	15.0	0	4	26	02	3	3	5	2	6	6	2	0	1
	1730	126	1003.9	990.2	..	35.8	19.8	6.6	9.7	17	..	3.1	..	13.0	0	5	22	03	3	3	0	1	3	10	3	3	1
	2330	126	1006.5	992.3	..	26.8	17.1	8.7	11.2	33	..	1.6	..	4.4	0	1	19	02	2	4	3	0	1	5	3	10	0
SULTANPUR	0830	97	1008.7	997.7	+0.5	29.6	18.8	10.2	12.4	32	- 4	1.8	+0.4	2.8	0	0	18	01	1	5	2	2	2	4	1	12	0
	1730	97	1004.3	993.7	+0.6	36.5	20.8	8.6	11.2	19	- 4	2.8	+1.2	2.8	0	0	21	03	2	1	0	0	0	12	3	9	0
AZAMGARH	0830	78	1005.0	999.5	+1.3	28.9	22.4	18.4	21.2	55	+10	1.2	+0.6	4.0	0	0	25	02	1	11	0	0	2	9	0	5	0
	1730	78	1003.8	995.2	+1.0	36.0	25.2	13.0	15.0	41	+ 9	2.2	+1.5	4.7	0	0	22	00	0	5	0	0	0	17	0	8	0
FATEHPUR	0830		..	..	..	29.2	21.0	15.9	18.1	46	+ 9	2.0	+0.7	5.9	0	2	22	00	2	3	2	2	6	6	3	6	0
	1730		..	..	..	36.1	24.1	17.4	19.9	34	+ 8	2.4	+0.8	7.0	0	2	25	03	3	2	2	0	0	6	11	3	0
BALLIA	0830	64	1009.3	1002.1	+1.6	28.7	22.5	18.5	21.3	56	+15	2.5	+1.1	2.6	0	0	22	00	2	9	2	0	1	6	2	8	0
	1730	64	1005.0	998.0	+1.0	35.7	23.1	15.3	17.4	32	+ 8	1.9	+0.7	1.4	0	0	13	00	0	2	1	0	2	7	1	17	0
BANDA	0830	121	1009.2	995.6	+0.9	29.7	18.2	9.3	11.7	28	- 7	1.3	+0.3	1.9	0	0	27	00	0	0	0	0	26	0	1	3	0
	1730	121	1004.4	991.2	+0.9	36.6	26.0	20.5	24.1	40	+17	2.5	+1.2	2.3	0	0	27	00	1	0	1	0	21	0	4	3	0
ALLAHABAD (BAMHRAULI)	0230	98	1006.3	994.9	..	23.7	16.6	10.9	13.0	45	..	1.5	..	1.4	0	0	11	00	1	1	0	3	2	1	3	19	0
	0530	98	1006.5	995.3	..	22.3	16.0	10.8	12.9	46	..	2.6	..	2.9	0	0	17	00	1	2	4	0	3	6	1	13	0
	0830	98	1008.3	997.3	+0.6	29.2	18.9	11.0	13.1	33	+ 3	2.9	+1.4	6.3	0	0	28	00	1	3	3	5	5	8	3	2	0
	1130	98	1007.8	997.0	..	36.0	20.9	9.8	12.1	21	..	2.8	..	0.8	0	2	28	02	0	2	3	7	0	10	6	0	0
	1430	98	1005.0	994.3	..	37.9	21.3	9.0	11.5	18	..	3.2	..	8.8	0	3	26	05	1	3	1	1	4	7	6	1	1
	1730	98	1003.8	993.7	+1.2	36.4	21.2	10.2	12.4	21	+ 6	3.8	+2.1	6.2	0	1	27	05	4	0	1	0	1	2	15	2	0
	2030	98	1005.6	994.7	..	30.2	19.3	11.3	13.4	32	..	1.8	..	3.1	0	0	19	03	3	1	3	0	0	3	6	11	0
	2330	98	1006.3	995.9	..	26.9	17.9	10.9	13.0	37	..	1.4	..	2.5	0	0	17	01	2	4	3	1	1	1	4	13	0
VARANASI (BABATPUR)	0530	85	1006.9	996.9	..	22.4	15.7	10.0	12.3	47	..	3.0	..	5.1	0	0	24	00	1	8	3	2	7	1	1	6	1
	0830	85	1008.7	999.0	+0.6	29.3	18.6	10.1	12.3	31	+ 0	2.6	+1.5	8.5	0	0	27	02	0	4	2	8	5	5	0	3	1
	1130	85	1008.0	998.5	..	35.3	20.0	7.8	10.6	19	..	3.0	..	11.0	0	2	28	01	1	3	4	2	2	10	3	0	4
	1730	85	1003.9	994.5	+0.4	36.1	19.9	6.5	9.7	17	+ 0	3.7	+2.2	11.3	0	3	25	01	0	0	1	3	0	13	7	2	3
	2330	85	1006.5	996.8	..	27.1	17.4	9.3	11.7	34	..	2.1	..	5.4	0	1	16	01	2	3	1	0	0	10	0	13	0
VARANASI	0830	76	1008.2	999.5	+0.6	28.4	21.6	17.4	19.9	52	+16	1.5	+0.2	1.5	0	0	14	00	0	3	0	1	2	7	1	16	0
	1730	76	1003.9	995.5	+0.4	35.5	23.9	17.2	19.6	35	+15	3.4	+1.9	3.1	0	0	21	00	1	1	2	0	1	9	7	9	0
UTTAR PRADESH WEST																											
MUKHIM	0830		..	..	..	15.5	10.3	5.6	9.1	51	+ 6	1.5	..	0.2	0	0	10	00	0	0	1	0	0	0	9	20	0
	1730		..	..	..	17.7	11.2	5.4	9.0	45	+ 8	3.7	..	0.4	0	0	20	00	2	0	1	0	0	0	17	10	0
TEHRI	0830		..	..	..	19.0	14.5	11.7	13.7	63	+ 9	0.2	-1.7	0.2	0	1	10	02	5	1	2	0	0	0	1	19	0
	1130		..	..	..	29.2	18.0	10.0	12.3	32	..	0.3	..	0.5	0	0	19	01	3	0	6	0	7	1	1	11	0
	1730		..	..	..	25.7	17.4	11.7	13.7	42	+17	0.3	-2.5	0.4	0	0	18	02	12	0	0	0	1	1	2	12	0
DEHRA DUN	0530	682	1008.5	992.0	..	18.2	14.0	10.7	12.9	62	..	2.0	..	0.8	0	0	2	01	1	0	0	0	0	0	0	28	0
	0830	682	1008.5	993.1	+0.6	22.9	16.7	15.9	18.1	53	+10	1.9	+0.0	0.4	0	0	2	01	0	0	0	0	0	1	0	28	0
	1130	682	1007.6	993.9	..	29.6	19.4	12.8	14.7	36	..	2.2	..	1.5	0	0	8	01	0	0	2	1	2	2	0	22	0
	1730	682	1004.2	930.5	+0.7	30.2	19.6	12.8	14.8	35	+10	3.8	+1.0	2.4	0	0	18	00	1	0	1	5	8	3	0	12	0
	2330	682	1008.1	932.5	..	21.7	15.9	11.8	13.8	51	..	2.4	..	0.4	0	0	3	01	2	0	0	0	0	0	0	27	0
MANSIARI	0830		(R)																								
	1730		(R)																								
ROORKEE	0830	274	1008.7	981.2	+4.6	25.6	17.5	11.3	13.4	41	+ 0	1.3	-0.7	0.8	0	0	13	00	0	0	3	0	2	0	8	17	0
	1730	274	1005.2	977.5	+4.2	34.4	19.7	8.8	11.3	22	+ 0	2.0	-0.5	1.0	0	0	15	00	0	1	1	0	0	0	13	15	0
NAJIBABAD	0830	270	1008.8	978.4	+1.0	25.5	18.3	13.3	15.3	48	+ 6	1.4	+0.4	1.9	0	0	21	01	0	10	6	0	0	3	1	9	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – APRIL 1968 (CHAITRA 12- VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
UTTAR PRADESH WEST (CONTD.)																											
NAJIBABAD	1730	270	1005.3	975.7	+0.7	33.3	19.5	8.6	11.2	23	+ 3	1.4	+0.3	2.7	0	0	28	00	2	4	3	0	2	12	5	2	0
MEERUT	0830	222	1009.3	984.3	+1.4	25.8	18.4	13.0	15.0	47	+ 8	0.0	-0.5	1.5	0	0	11	00	0	2	0	0	0	9	0	19	0
BAREILLY	0830	173	1008.1	988.6	+1.1	27.2	18.5	12.1	14.1	40	+ 3	1.7	+0.3	7.5	0	0	30	02	5	10	1	0	2	7	3	0	0
	1730	173	1003.8	984.8	+0.5	34.0	20.6	10.9	13.0	25	+ 4	2.3	+0.3	3.5	0	0	27	03	0	5	0	1	5	13	0	3	0
BAREILLY P.B.O.	0230	172	1005.9	986.4	..	24.7	16.8	11.7	13.7	45	..	2.1	..	5.2	0	0	24	02	3	3	2	0	0	5	9	6	0
	0530	172	1006.3	986.7	..	23.0	16.3	12.1	14.1	50	..	3.1	..	4.7	0	0	24	01	5	4	3	0	1	7	3	6	0
	1130	172	1007.8	988.7	..	32.2	20.5	14.3	16.3	34	..	2.6	..	7.3	0	1	28	01	2	1	11	1	1	3	9	1	0
	1430	172	1005.0	986.2	..	33.9	20.9	14.0	16.0	30	..	2.7	..	6.0	0	1	27	00	1	0	7	2	3	10	5	2	0
	2030	172	1005.6	986.4	..	29.5	19.8	12.9	14.9	36	..	2.1	..	3.9	0	0	22	02	4	4	1	0	1	6	4	8	0
	2330	172	1006.3	987.0	..	26.9	18.0	12.5	14.5	41	..	2.5	..	5.9	0	1	21	03	1	4	5	1	0	6	2	8	0
ALIGARH	0830	187	1009.1	987.9	+1.5	25.9	17.5	10.9	13.0	39	+ 3	1.9	+0.6	2.4	0	0	20	02	1	2	0	4	1	7	3	10	0
	1730	187	1004.8	984.2	+1.3	35.0	21.2	11.2	13.3	26	+ 7	3.4	+1.4	4.4	0	0	27	09	1	0	0	0	1	10	6	3	0
MAINPURI	0830	157	1008.9	991.2	+1.2	27.9	18.3	11.2	13.3	36	- 1	1.1	-0.3	2.7	0	0	23	00	0	5	1	1	1	14	1	7	0
	1730	157	1004.0	986.9	+0.7	36.1	20.7	8.8	10.6	20	- 3	2.1	+0.3	2.7	0	0	20	01	0	4	0	0	1	14	0	10	0
AGRA	0830	169	1008.7	989.4	+0.3	28.0	17.8	9.8	12.1	32	+ 0	1.1	-0.1	3.6	0	0	20	00	3	0	5	0	7	0	5	10	0
	1730	169	1004.2	985.8	+0.4	35.8	21.2	11.2	13.3	23	+ 5	1.4	-0.4	2.7	0	0	19	00	1	0	3	0	6	0	9	11	0
AGRA AERODROME	0230	169	1006.7	987.5	..	22.5	15.4	9.2	11.6	44	..	1.6	..	3.8	0	0	11	01	2	2	1	1	1	0	3	19	0
	0530	169	1007.4	988.0	..	20.8	14.9	9.7	12.0	50	..	2.1	..	5.5	0	1	17	04	0	0	1	0	1	7	5	12	0
	0830	169	1008.7	989.7	..	27.1	18.1	11.4	13.5	39	..	2.0	..	7.4	0	1	20	02	0	2	1	4	3	4	5	9	0
	1130	169	1008.2	989.7	..	34.7	20.8	10.6	12.8	24	..	1.8	..	12.6	0	2	25	08	2	1	2	3	3	4	4	3	0
	1730	169	1004.3	985.8	..	35.8	20.5	8.7	11.2	20	..	2.8	..	13.5	0	6	21	15	2	1	0	1	1	2	5	3	0
	2330	169	1006.9	987.8	..	25.7	17.2	10.4	12.6	39	..	1.7	..	5.9	0	1	17	05	2	3	2	3	0	1	2	12	0
ORAI	0830	141	1008.8	993.2	+0.3	31.9	20.8	13.2	15.1	33	- 4	0.7	-0.5	3.4	0	0	28	01	9	0	3	1	2	0	12	2	0
	1730	141	1004.0	988.6	-0.1	35.5	21.6	12.0	14.2	25	- 3	0.5	-1.1	3.4	0	0	27	09	6	0	1	0	0	1	10	3	0
JHANSI	0830	251	1004.2	981.0	+0.8	27.0	16.6	7.7	10.5	29	+ 2	1.5	+0.3	1.4	0	0	13	01	0	1	0	3	0	7	1	17	0
	1730	251	1004.0	976.7	+0.6	36.5	20.0	6.1	9.4	16	+ 0	1.8	-0.1	1.1	0	0	12	00	0	4	0	2	0	6	0	18	0
MORADABAD	0830		..	..	..	24.8	22.8	20.7	24.4	78	..	0.1	..	3.4	0	0	25	00	13	2	4	0	1	0	5	5	0
	1730		..	..	..	32.1	29.0	26.0	33.4	68	..	0.2	..	3.4	0	0	24	00	15	1	4	0	1	0	3	6	0
HARYANA (INCLUDING DELHI AND CHANDIGARH)																											
CHANDIGARH	0830	347	1007.8	968.1	-0.2	25.8	17.4	10.4	12.6	38	+ 0	1.7	+0.6	2.1	0	0	18	00	3	0	1	0	0	0	14	12	0
	1730	347	1000.5	962.4	-3.8	32.[illegible]	18.9	8.2	10.9	24	- 1	2.3	+1.6	4.0	0	0	18	00	0	0	1	0	6	0	11	12	0
AMBALA	0830	272	1007.4	977.1	+0.5	25.2	17.6	11.9	13.9	44	+ 3	0.3	-1.3	2.0	0	0	27	00	3	0	13	0	0	0	11	3	0
	1730	272	1004.6	974.9	+1.0	33.[illegible]	19.1	7.4	10.3	21	- 1	0.4	-1.4	1.9	0	0	26	00	1	0	3	0	2	0	20	4	0
AMBALA P.B.O.	0230	278	1006.2	974.8	..	2[illegible]	18.3	15.1	17.1	61	..	1.0	..	5.3	0	1	16	00	1	1	3	0	1	0	11	13	0
	0530	278	1006.6	974.9	..	21.[illegible]	17.1	14.6	16.6	65	..	1.5	..	6.6	0	0	19	00	1	4	6	0	0	1	7	11	0
	1130	278	1007.9	977.2	..	31.6	22.4	18.5	21.3	49	..	2.5	..	8.1	0	0	20	00	0	1	8	0	0	1	10	10	0
	1430	278	1005.6	975.1	..	32.9	22.3	17.4	19.9	41	..	2.8	..	8.2	0	1	24	02	3	0	6	0	2	1	11	5	0
	2030	278	1005.9	975.0	..	28.7	21.0	17.2	19.6	51	..	1.9	..	6.9	0	2	19	01	3	1	3	0	0	3	10	9	0
	2330	278	1006.6	975.5	..	26.[illegible]	19.9	16.7	19.0	56	..	1.5	..	6.5	0	2	18	02	0	3	1	0	0	0	14	10	0
AMBALA AERODROME	0530	274	1006.7	975.3	..	18.6	14.8	11.7	13.7	65	..	1.8	..	8.4	0	2	17	01	1	4	5	1	0	4	3	11	0
	0830	274	1008.1	977.1	..	24.6	18.1	13.4	15.4	50	..	2.0	..	12.0	0	2	22	01	1	6	5	1	1	4	5	6	0
	1130	274	1007.7	977.5	..	31.6	20.9	13.6	15.6	35	..	2.4	..	18.7	0	12	15	00	0	7	6	1	1	5	7	3	0
	1730	274	1004.1	974.1	..	32.7	20.9	12.9	14.9	31	..	3.3	..	15.5	0	8	20	00	0	1	3	2	2	11	9	2	0
	2330	274	1006.8	975.8	..	23.8	17.5	13.0	15.0	52	..	1.7	..	7.2	0	2	15	00	0	3	1	0	1	2	9	13	1
KARNAL	0830	249	1008.5	980.7	+1.2	27.5	18.7	12.4	14.4	41	- 4	0.5	-0.8	3.9	0	0	22	02	3	7	0	1	0	8	1	8	0
	1730	249	1004.0	976.8	+0.[illegible]	33.6	19.8	9.3	11.7	24	+ 3	1.0	-1.0	3.9	0	0	25	00	0	1	2	0	0	11	11	5	0
HISSAR	0530	221	1007.3	981.9	..	19.9	16.0	13.1	15.1	66	..	1.3	..	5.0	0	0	23	00	0	5	4	3	4	4	3	7	0
	0830	221	1008.7	983.7	+0.6	24.0	18.7	15.2	17.3	58	+12	1.9	+0.8	5.0	0	0	24	02	2	2	5	4	4	2	3	6	0
	1130	221	1008.3	983.9	..	33.8	22.9	17.3	19.7	42	..	2.2	..	8.7	0	2	22	05	0	3	6	1	3	3	3	6	0
	1430	221	1005.8	981.7	..	34.8	24.1	18.0	20.6	38	..	2.7	..	1.0	0	4	21	05	1	2	2	2	2	3	8	5	0
	1730	221	1004.6	980.5	-0.2	34.8	24.1	18.4	21.1	39	+12	2.4	+0.7	7.0	0	1	25	08	2	4	2	2	1	4	3	4	0
	2330	221	1007.4	982.3	..	22.6	18.3	14.7	16.7	59	..	1.3	..	4.7	0	1	16	05	0	4	5	0	1	0	2	13	0
NEW DELHI/SAFDARJUNG	0230	216	1006.6	982.0	..	22.9	16.2	10.8	12.9	47	..	1.9	..	3.9	0	0	13	02	0	3	1	1	0	1	5	17	0
	0530	216	1007.0	982.2	..	21.2	15.3	10.3	12.5	51	..	2.2	..	3.7	0	0	12	00	0	1	2	0	0	5	4	18	0
	0830	216	1006.5	984.2	+1.0	26.0	17.2	10.1	12.3	38	+ 6	2.3	+0.8	9.2	0	0	26	00	1	4	3	0	2	9	7	4	0
	1130	216	1008.3	984.4	..	32.6	19.4	9.2	11.6	24	..	2.2	..	13.2	0	6	23	02	1	3	4	1	2	7	8	1	1
	1430	216	1005.6	982.0	..	34.9	19.6	7.3	10.2	19	..	2.8	..	13.0	0	8	22	03	3	2	2	2	2	4	12	0	0
	1730	216	1004.2	980.6	+0.9	34.3	19.4	7.2	10.1	19	+ 3	2.6	+0.3	12.5	0	7	21	02	5	1	0	1	0	1	18	2	0
	2030	216	1005.9	981.7	..	28.8	18.5	10.4	12.6	33	..	2.1	..	3.8	0	0	17	01	2	1	1	1	0	1	10	13	0
	2330	216	1006.9	982.5	..	25.7	17.5	11.0	13.1	41	..	1.9	..	5.4	0	2	12	03	2	2	1	0	1	1	4	16	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1968 (CHAITRA 12- VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mb.			Mean temperature in °C			Vapour pressure in mb.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lat. in gms. of nearest standard isobaric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HARYANA (INCLUDING DELHI AND CHANDIGARH)																											
PALAM AERODROME	0230	233	1007.0	980.5	..	22.3	15.4	8.9	11.4	43	..	2.0	..	9.2	0	2	22	02	1	3	6	2	5	3	2	6	0
	0530	233	1007.4	980.7	..	20.1	19.4	9.4	11.8	52	..	1.7	..	7.5	0	0	25	00	1	1	4	4	7	4	4	5	0
	0830	233	1008.8	982.5	..	25.6	17.6	10.6	12.8	41	..	2.0	..	11.7	0	4	22	07	0	3	4	1	2	8	6	4	0
	1130	233	1008.4	982.7	..	32.7	19.4	8.6	11.2	24	..	2.1	..	14.9	0	9	18	08	1	0	6	2	1	4	9	3	0
	1430	233	1006.0	980.9	..	35.2	19.9	7.2	10.1	19	..	2.6	..	18.2	0	10	20	12	0	0	1	2	5	2	8	0	0
	1730	233	1004.6	979.2	..	35.1	19.6	7.1	10.1	20	..	2.3	..	16.6	0	8	22	13	3	2	2	0	2	1	7	0	0
	2030	233	1006.0	980.2	..	29.3	18.1	9.1	11.5	29	..	1.9	..	8.8	0	1	27	07	4	8	4	1	0	1	3	2	0
	2330	233	1007.1	980.9	..	25.8	16.9	9.7	12.0	37	..	1.7	..	10.9	0	3	24	03	3	5	7	1	6	1	1	3	0
GURGAON	0830		..	..	..	25.6	17.6	11.4	13.5	43	..	1.8	..	3.5	0	0	19	00	1	0	5	1	3	8	1	11	0
	1730		..	..	..	34.0	20.4	10.1	12.3	26	..	1.8	..	4.7	0	0	24	03	1	0	5	1	0	10	4	6	0
NARNAUL	0830		(R)																								
	1730		(R)																								
ROHTAK	0830		..	..	..	24.5	17.9	13.2	15.2	51	..	1.4	..	9.9	0	2	27	01	1	3	6	2	4	9	3	1	0
	1730		..	..	..	34.1	21.6	12.3	14.3	31	..	1.0	..	8.1	0	0	30	03	1	2	2	0	1	17	4	0	0
PUNJAB																											
PATHANKOT	0530	312	1006.8	971.8	..	19.2	14.9	11.3	13.4	63	..	2.4	..	11.1	0	5	15	02	14	1	0	2	1	0	0	10	0
	0830	312	1008.4	976.2	+3.2	24.9	17.2	11.1	13.2	45	+11	2.5	-0.4	10.3	0	4	19	04	16	3	0	0	0	0	0	7	0
	1130	312	1008.2	974.0	..	30.7	19.1	9.7	12.0	28	..	2.6	..	9.8	0	1	24	00	3	5	1	11	2	1	2	5	0
	1730	312	1004.8	970.9	-0.3	31.3	18.8	8.9	11.4	26	+ 2	3.4	-0.7	12.0	0	5	22	04	4	0	0	7	3	4	5	3	0
	2330	312	1008.0	972.5	..	21.8	16.4	12.3	14.3	57	..	2.3	..	8.8	0	2	17	03	13	0	0	1	1	0	1	11	0
AMRITSAR	0530	234	1007.7	980.6	..	16.8	14.2	12.1	14.1	75	..	2.2	..	9.0	0	3	21	09	2	5	1	0	0	1	6	6	0
	0830	234	1008.6	982.0	+0.3	23.8	17.4	12.8	14.7	51	+ 3	1.9	-0.3	7.8	0	2	19	05	5	6	1	2	0	0	2	9	0
	1130	234	1009.0	982.6	..	30.8	19.3	11.0	13.1	31	..	2.0	..	13.5	0	9	18	05	2	4	4	1	0	4	7	3	0
	1430	234	1006.4	980.7	..	33.4	19.4	8.3	10.9	22	..	2.7	..	16.3	0	8	19	04	0	3	3	2	1	8	6	3	0
	1730	234	1005.0	979.3	+0.2	32.5	19.3	9.1	11.5	25	+ 2	2.6	+0.0	11.5	0	4	22	03	0	3	4	1	2	4	9	4	0
	2030	234	1006.8	980.4	..	24.6	17.7	12.8	14.8	49	..	2.3	..	9.9	0	2	24	05	3	2	1	2	0	6	7	4	0
ADAMPUR AERODROME	0830	249	1008.4	980.3	..	23.6	16.5	10.8	12.9	46	..	2.4	..	11.6	0	6	17	01	2	10	4	0	0	0	6	7	0
	1730	249	1005.4	978.0	..	31.2	18.2	7.2	10.1	24	..	3.5	..	16.7	0	9	19	03	2	2	1	1	0	7	12	2	0
LUDHIANA	0830	247	1008.2	980.7	+0.6	25.6	17.5	11.3	13.4	42	- 5	1.5	-0.2	3.4	0	0	19	01	4	0	6	0	1	0	7	11	0
	1730	247	1004.5	977.7	+0.4	33.1	19.3	8.8	11.3	24	- 3	3.2	+1.0	5.7	0	0	23	03	1	0	3	0	0	1	15	7	0
FEROZEPUR	0830	200	1009.5	986.7	+1.6	23.7	18.2	14.6	16.6	58	+ 3	1.2	-0.2	2.5	0	0	18	08	1	0	2	2	1	1	3	12	0
	1730	200	1006.7	984.6	+2.0	32.5	21.8	14.9	16.9	39	+ 8	1.8	+0.1	3.0	0	0	25	11	3	0	0	4	0	1	6	5	0
HALWARA AERODROME	0530	242	1007.6	979.5	..	16.4	13.5	11.0	13.1	72	..	1.8	..	7.2	0	3	14	05	2	1	4	1	0	0	4	13	0
	0830	242	1008.4	981.1	..	24.6	17.2	11.5	13.6	46	..	1.9	..	11.0	0	4	18	06	2	1	6	1	0	1	5	8	0
	1130	242	1008.2	981.5	..	32.0	19.0	8.7	11.2	24	..	2.1	..	17.4	0	9	21	08	0	1	10	4	0	1	6	0	0
	1730	242	1005.0	978.5	..	32.6	18.8	7.7	10.5	23	..	2.9	..	18.3	0	11	19	06	1	1	2	3	1	3	13	0	0
	2330	242	1007.7	980.0	..	20.8	15.7	11.7	13.7	58	..	1.2	..	8.8	0	2	18	04	2	2	3	2	0	1	6	10	0
PATIALA	0830	251	1008.7	980.6	+0.7	23.7	17.1	12.3	14.3	50	+10	1.6	-0.3	8.5	0	4	14	05	0	0	4	2	0	0	7	12	0
	1730	251	1008.0	977.9	+1.0	23.1	19.8	9.8	12.1	25	+ 5	2.7	-0.1	9.1	0	3	19	05	0	0	2	0	0	0	15	8	0
BHATINDA	0830	211	1008.3	984.7	..	28.4	19.6	13.4	15.4	42	- 9	0.4	-0.9	2.0	0	0	19	00	0	0	11	0	2	0	6	11	0
	1730	211	1004.7	981.5	..	32.9	20.7	11.9	13.9	31	- 6	0.4	-1.4	3.2	0	0	24	00	1	0	4	0	1	0	18	6	0
HIMACHAL PRADESH																											
MANDI	0830	761	1010.8	925.9	+0.8	18.1	13.8	10.3	12.5	62	- 5	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	761	1005.5	922.8	+0.7	27.9	17.8	10.8	12.9	37	- 1	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BILASPUR	0830	587	1010.8	944.6	+0.5	19.2	15.9	13.7	15.7	71	+18	2.9	+0.1	1.0	0	0	10	01	3	0	4	0	2	0	0	20	0
	1730	587	1004.9	941.5	+0.6	30.9	21.1	15.3	17.4	42	+17	3.2	-0.5	6.5	0	0	30	00	1	0	0	2	16	1	10	0	0
JAMMU AND KASHMIR																											
MISGAR	0830		(R)																								
	1730		(R)																								
GILGIT	0830		(R)																								
	1730		(R)																								
SKARDU	0830		(R)																								
	1730		(R)																								
LEH	0530	3514	(R)																								
	0830	3514	3126.2	668.4	+1.0	6.7	1.7	- 5.8	3.7	42	- 8	2.8	-0.9	1.1	0	0	11	00	7	0	0	3	1	0	0	19	0
	1730	3514	3091.7	665.9	+1.3	11.2	4.2	- 2.5	5.0	40	+ 8	1.7	-3.2	7.2	0	0	28	05	3	0	0	1	4	12	3	2	0
SRINAGAR	0230	1587	1512.2	842.6	..	10.0	8.6	7.2	10.1	81	..	3.1	..	3.0	0	0	24	00	0	0	13	0	0	1	10	6	0
	0530	1587	1509.7	840.2	..	8.9	7.9	6.5	9.7	89	..	3.4	..	2.4	0	0	18	00	0	0	10	0	0	0	8	12	0
	0830	1587	1522.1	843.6	+0.6	10.9	8.8	1.5	9.7	77	+ 0	3.4	-0.6	2.9	0	0	25	01	0	0	14	0	2	0	8	5	0
	1130	1587	1522.3	843.6	..	15.7	11.1	7.4	10.3	60	..	3.7	..	2.8	0	0	20	00	0	0	8	0	2	0	10	10	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1968 (CHAITRA 12- VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations													
			At mean sea level or lat. in gpm. of mean standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction										
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
JAMMU AND KASHMIR (CONTD.)																												
SRINAGAR	1430	1587	1509.0	842.3	..	22.3	11.9	7.1	10.1	53	..	3.8	..	2.6	0	0	24	00	1	0	4	0	4	1	14	6	0
	1730	1587	1491.8	980.8	+0.4	17.8	11.6	6.4	9.6	50	- 3	3.8	-1.4	3.3	0	0	24	00	1	0	5	0	0	0	18	6	0
	2030	1587	1506.0	891.7	..	14.0	10.5	7.7	10.5	70	..	3.0	..	2.6	0	0	17	00	0	0	5	0	0	0	12	13	0
	2330	1587	1508.5	842.8	..	11.9	9.8	3.1	10.8	78	..	3.2	..	2.6	0	0	18	00	0	0	5	0	0	0	13	12	0
SRINAGAR AERODROME	0530	1666	1515.2	834.5	..	7.3	5.9	4.5	8.4	82	..	3.9	..	3.6	0	0	9	01	0	1	1	0	3	3	0	21	0
	0830	1666	1523.1	835.7	..	11.1	8.5	6.2	9.5	73	..	3.5	..	5.4	0	0	18	04	1	4	1	2	1	1	4	12	0
	1130	1666	1524.6	835.8	..	14.6	10.7	7.6	10.4	61	..	3.7	..	8.8	0	0	25	08	4	3	3	2	2	0	2	5	1
	1730	1666	1425.6	833.3	..	16.8	11.6	7.3	10.2	55	..	4.2	..	9.1	0	0	23	10	0	0	1	3	2	1	6	7	0
	2330	1666	1514.0	834.7	..	10.6	8.6	6.7	9.8	78	..	3.4	..	8.2	0	1	17	03	0	1	1	1	3	4	4	12	1
GULMARG	0830		*																								
	1730																										
OAZIGUND	0830		..	..	..	9.9	7.9	5.9	9.3	77	..	3.6	..	1.9	0	0	10	03	1	0	2	0	0	4	0	20	0
	1730		..	..	..	17.5	11.8	7.9	10.2	54	..	4.4	..	2.8	0	0	16	01	0	1	1	3	0	7	3	14	0
BANIHAL	0830	1630	1503.1	837.3	..	12.7	8.9	5.3	8.9	64	..	1.7	..	2.4	0	0	10	10	0	0	0	0	0	0	0	20	0
	1730	1630	1477.8	835.3	..	19.1	12.4	7.1	10.1	46	..	3.9	..	3.1	0	0	15	14	0	0	0	1	0	0	0	15	0
JAMMU	0830	366	1006.6	964.0	..	23.0	16.3	10.7	12.9	48	+ 6	1.4	-1.1	8.4	0	0	29	03	25	0	1	0	0	0	0	1	0
	1730	366	1007.2	967.5	..	32.0	19.6	10.4	12.6	26	..	0.5	..	1.5	0	0	14	00	14	0	0	0	0	0	0	16	0
JAMMU AERODROME	0530	292	1007.6	974.2	..	20.2	14.6	9.7	12.0	53	..	2.0	..	2.1	0	4	19	04	18	1	0	0	0	0	0	7	0
	0830	292	1008.6	975.3	..	23.4	16.6	11.6	13.7	48	..	2.2	..	7.0	0	1	20	04	12	1	1	1	0	0	2	9	0
	1130	292	1008.3	975.8	..	30.4	18.6	9.6	11.9	28	..	2.5	..	10.1	0	2	20	01	1	2	4	7	4	1	2	8	0
	1730	292	1005.0	972.8	..	31.6	18.7	8.4	11.0	25	..	3.6	..	7.9	0	3	18	01	2	1	2	4	4	7	0	9	0
	2330	292	1007.9	974.6	..	23.1	15.8	10.6	12.8	47	..	1.8	..	6.8	0	0	20	02	15	2	0	0	0	0	1	10	0
GULMARG (RESEARCH INSTITUTE)	0830		..	..	..	5.9	2.5	- 2.6	4.9	59	..	2.3	..	3.6	0	0	30	00	1	18	0	1	1	9	0	0	0
	1130		..	..	..	7.7	5.0	- 2.8	5.0	56	..	2.7	..	4.6	0	1	29	00	1	16	0	2	0	8	3	0	0
	1730		..	..	..	8.4	3.9	- 6.5	3.5	58	..	3.4	..	3.3	0	0	30	00	3	11	0	0	1	15	0	0	0
RAJASTHAN, WEST																												
GANGANAGAR	0530	177	1006.8	986.5	..	19.8	14.6	10.7	12.4	54	..	0.4	..	1.3	0	1	7	00	2	2	3	0	1	0	0	22	0
	0830	177	1007.9	988.1	+0.5	24.0	16.5	10.3	12.4	43	+ 2	1.0	-0.3	1.2	0	0	10	01	2	1	5	0	1	0	0	20	0
	1130	177	1008.1	988.5	..	33.2	18.9	7.0	10.0	21	..	1.5	..	2.2	0	0	18	00	2	4	5	0	4	2	1	12	0
	1730	177	1004.3	984.9	+0.3	35.3	19.9	7.8	10.6	20	- 2	1.7	+0.3	2.0	0	0	17	04	1	1	2	0	2	3	4	13	0
	2330	177	1007.2	987.1	..	25.0	16.5	9.5	11.9	38	..	0.4	..	0.4	0	0	5	00	1	2	2	0	0	0	0	25	0
ANUPGARH	0830		(R)																								
	1730		(R)																								
MAHAJAN	0830		(R)																								
	1730		(R)																								
CHURU	0830	291	1008.9	976.1	+0.0	25.4	18.4	13.2	15.2	50	+10	1.7	+0.0	4.3	0	0	26	02	1	5	2	6	4	5	1	4	0
	1730	291	1004.2	972.7	-0.2	35.8	24.5	18.1	20.8	38	+17	2.5	-0.3	9.5	0	4	14	00	1	2	0	1	3	5	6	12	0
BIKANER	0830	224	1008.6	983.3	+0.7	26.2	17.1	8.4	11.0	37	+ 8	1.7	+0.9	4.2	0	0	23	01	3	1	4	4	8	1	1	7	0
	1730	224	1004.4	980.1	+0.9	36.5	22.0	9.9	12.2	26	+11	2.3	+0.8	5.5	0	0	25	05	4	1	0	1	6	1	7	5	0
BIKANER P.B.O.	0530	224	1007.1	981.5	..	22.1	14.7	7.5	10.4	42	..	1.4	..	2.7	0	0	14	00	1	0	0	1	8	3	1	16	0
	1130	224	1008.1	983.5	..	34.3	20.5	8.8	11.3	24	..	2.1	..	5.3	0	0	29	00	3	2	4	3	8	4	5	1	0
	1430	224	1005.6	981.3	..	37.2	21.8	9.5	11.9	22	..	2.4	..	6.4	0	1	26	04	2	0	1	2	6	5	6	3	1
	2030	224	1005.6	980.9	..	31.5	19.0	8.4	11.0	26	..	1.3	..	2.3	0	0	17	02	2	0	0	3	4	3	3	13	0
	2330	224	1006.9	981.8	..	27.5	17.2	7.9	10.7	32	..	1.6	..	2.1	0	0	15	02	2	0	0	0	6	5	0	15	0
NAGAUR	0830	298	1008.7	975.6	+0.5	27.8	20.0	13.6	15.6	46	+10	2.0	+0.5	7.9	0	0	30	01	1	5	4	4	9	1	5	0	0
	1730	298	1004.2	971.9	+0.1	36.1	24.9	15.3	17.4	37	+15	2.0	-0.6	9.0	0	0	30	03	3	3	0	4	7	3	7	0	0
PHALODI	0830	234	1009.3	982.7	+0.5	27.2	18.5	13.9	15.9	47	+ 4	1.3	+0.1	11.3	0	2	27	01	1	2	5	4	13	3	0	1	0
	1730	234	1005.3	979.9	+0.5	37.3	24.9	17.9	20.5	34	+ 8	2.1	+0.0	13.3	0	9	21	05	2	1	1	2	8	8	3	0	0
JAISALMER	0830	242	1007.8	980.6	-0.4	25.1	..	..	..	..	..	.	..	11.4	0	5	22	02	1	.	2	8	11	1	1	3	0
	1730	242	1003.9	977.7	+0.1	37.1	..	..	..	..	..	.	..	16.7	0	8	22	02	0	1	1	7	9	4	6	0	0
JODHPUR	0230		..	..	..	29.7	19.0	12.7	14.7	36	- 3	1.8	+0.5	10.4	0	1	27	02	9	0	0	1	7	7	2	2	0
	0530		..	..	..	27.5	18.2	12.5	14.5	40	..	1.7	..	8.5	0	1	23	01	7	0	0	1	7	5	3	6	0
	0830		..	..	..	28.1	19.6	14.6	16.6	46	+15	1.8	+0.5	6.9	0	0	24	01	6	0	0	0	9	4	4	6	0
	1130		..	..	..	33.2	22.3	16.8	19.1	38	..	2.4	..	7.3	0	0	21	01	4	3	0	0	8	2	3	9	0
	1430		..	..	..	35.2	22.6	17.1	19.5	35	..	2.8	..	10.1	0	3	23	02	5	3	0	0	12	3	1	4	0
	1730		..	..	..	35.6	23.0	17.1	19.5	34	+19	3.0	+1.0	9.2	0	1	27	03	5	3	0	0	12	2	3	2	0
	2030	224	..	..	..	33.1	21.0	14.9	16.9	34	..	2.1	..	5.2	0	0	21	02	3	3	0	1	9	1	2	9	0
	2330	224	..	..	..	31.7	20.2	13.9	15.9	35	..	2.2	..	9.7	0	1	27	04	4	1	1	1	8	7	2	2	0
BARMER	0530	194	1006.4	984.5	..	25.6	17.2	10.5	12.7	39	..	0.7	..	8.7	0	4	16	00	0	0	1	0	5	6	8	10	0
	0830	194	1008.1	986.3	+0.0	28.2	19.9	14.0	16.0	43	- 3	1.4	+0.2	4.0	0	0	16	00	0	0	1	0	6	4	5	14	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – APRIL 1968 (CHAITRA 12- VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
RAJASTHAN WEST (CONTD)																											
BARMER	1130	194	1008.0	986.7	..	35.8	23.4	15.5	17.6	32	..	1.3	..	3.5	0	0	18	01	3	0	1	0	8	3	2	12	0
	1730	194	1004.1	982.7	-0.1	38.0	24.7	16.8	19.1	31	+ 6	1.8	+0.1	4.8	0	0	25	01	2	0	0	0	8	6	8	5	0
	2330	194	1007.2	985.5	..	30.5	20.4	13.5	15.5	37	..	0.6	..	5.3	0	0	0	..	..	..	..	..	..	..	..	..	..
JAWAI BANDH	0830	295	1009.3	976.5	+0.2	27.2	15.3	11.5	13.6	39	-10	2.0	+0.4	2.8	0	0	20	00	0	0	5	6	7	1	1	10	0
	1730	295	1005.3	972.6	-0.2	34.7	20.5	9.6	11.9	25	-10	2.7	+0.4	4.6	0	0	28	01	1	0	0	1	8	9	8	2	0
RAJASTHAN, EAST																											
PILANI	0830	301	1009.2	975.3	+0.0	24.4	18.4	14.0	16.0	64	+22	1.9	+1.0	8.5	0	1	29	00	0	2	5	7	8	5	3	0	0
	1730	301	1004.9	972.3	-0.8	35.8	23.5	15.5	17.6	33	+14	2.9	+1.4	11.8	0	9	20	03	2	1	1	0	4	4	14	1	0
SIKAR	0830	433	1007.9	960.2	+0.1	25.5	16.0	7.1	10.1	32	-18	0.7	-0.6	0.1	0	0	2	00	0	0	0	0	0	2	0	28	0
	1730	433	1003.6	957.0	-0.3	35.4	20.7	7.2	10.1	21	-16	1.0	-1.4	1.0	0	0	15	00	0	0	0	0	1	8	6	15	0
ALWAR	0830	271	1008.0	977.6	+0.0	27.3	19.2	13.5	15.5	44	+ 4	2.0	+0.4	0.7	0	0	8	01	1	1	0	1	0	2	2	22	0
	1730	271	1003.4	969.3	-5.4	35.1	23.2	15.7	17.8	34	+11	3.0	+0.1	2.0	0	0	23	00	3	0	1	1	4	3	11	7	0
JAIPUR (SANGANER)	0230	390	1006.7	962.8	..	23.2	13.7	3.6	7.9	29	..	1.4	..	4.0	0	0	20	05	4	5	1	0	0	0	5	10	0
	0530	390	1007.3	963.2	..	21.6	13.1	3.9	8.1	33	..	1.6	..	3.6	0	0	20	04	2	6	2	0	0	0	6	10	0
	0830	390	1008.3	965.1	+0.0	27.5	16.0	4.7	8.5	25	- 4	1.9	+0.7	3.9	0	0	16	01	0	2	3	0	1	0	9	14	0
	1130	390	1007.6	965.2	..	34.0	18.0	2.4	7.8	15	..	1.8	..	8.6	0	1	27	04	1	0	1	2	4	6	10	2	0
	1430	390	1004.6	962.8	..	36.4	18.5	6.5	6.4	11	..	2.5	..	11.5	0	1	28	04	0	3	2	1	1	6	12	1	0
	1730	390	1003.6	961.6	-0.1	35.4	18.1	0.5	6.3	12	- 6	3.1	+1.0	10.6	0	2	26	03	2	1	2	1	1	4	14	2	0
	2030	390	1005.8	962.8	..	28.9	16.5	4.6	8.5	22	..	2.1	..	4.1	0	0	22	10	1	4	1	0	0	1	5	8	0
	2330	390	1007.0	963.5	..	25.3	15.0	4.5	8.4	27	..	1.4	..	4.9	0	0	27	06	6	4	1	0	1	2	7	3	0
DHOLPUR	0830	176	1007.2	987.4	-2.4	27.6	17.6	9.6	12.0	33	- 9	0.2	-1.4	0.7	0	0	5	00	0	0	0	0	0	4	1	25	0
	1730	176	1002.5	983.4	-0.6	37.0	20.8	8.4	11.0	20	- 9	0.8	-1.2	1.9	0	0	12	00	0	0	0	1	0	9	2	18	0
AJMER	0830	486	1008.8	955.2	+0.3	27.0	16.8	9.1	11.5	33	+ 2	2.5	+1.1	9.1	0	5	23	00	6	0	6	2	5	6	3	2	0
	1730	486	1003.9	952.0	+0.4	35.6	19.8	8.8	11.3	21	+ 4	2.5	+0.4	11.9	0	3	23	00	6	0	6	2	5	6	1	4	0
TONK	0830	272	1007.9	975.0	-2.5	27.0	15.6	5.0	8.8	24	-18	1.3	-0.2	5.0	0	0	30	02	1	1	4	0	3	13	6	0	0
	1730	272	1002.6	973.2	-0.2	36.3	18.7	4.5	8.4	12	-16	2.8	+0.3	7.6	0	0	30	02	2	0	0	1	1	15	9	0	0
BHILWARA	0830	425	1009.0	962.0	..	27.4	15.2	2.3	7.2	20	..	3.0	..	8.9	0	3	24	01	4	0	0	2	9	4	7	3	0
	1730	425	1003.7	958.6	..	36.2	18.6	1.3	6.7	12	..	3.0	..	6.4	0	1	26	01	6	0	1	0	7	1	11	3	0
KOTA	0830	257	1008.6	980.0	+0.2	29.4	17.7	7.8	10.6	27	+ 3	2.4	+1.1	6.3	0	2	18	01	3	0	1	0	3	3	9	10	0
	1730	257	1003.8	976.1	+0.4	37.1	20.3	7.1	10.1	16	+.3	3.4	+1.4	5.9	0	3	18	06	3	1	0	0	2	2	7	9	0
KOTA AERODROME	0530	274	1007.1	976.3	..	25.4	14.4	2.7	7.4	24	..	1.7	..	6.6	0	0	26	00	1	1	0	3	2	17	2	4	0
	0830	274	1008.8	978.5	..	30.0	16.7	3.5	7.8	19	..	2.3	..	12.2	0	9	21	08	5	3	1	0	2	4	7	0	0
	1130	274	1008.4	978.5	..	35.7	18.4	2.5	7.3	14	..	2.1	..	13.1	0	6	23	08	1	4	2	2	2	4	6	1	0
	1730	274	1003.9	974.4	..	37.1	18.8	5.0	8.7	11	..	3.7	..	14.1	0	3	22	04	0	2	0	0	2	10	7	5	0
	2330	274	1006.9	976.6	..	29.8	16.3	2.7	7.4	18	..	1.6	..	8.3	0	1	25	00	1	1	0	1	4	16	3	4	0
CHAMBAL (RAWAT BHATTA DAM)	0830	351	1007.6	968.7	-1.4	28.2	19.0	12.4	14.4	39	+ 6	0.7	-0.7	2.8	0	0	10	02	0	0	0	0	2	0	6	20	0
	1730	351	1002.6	964.9	-1.4	36.5	23.8	16.0	18.2	33	+ 6	3.0	+0.4	17.6	0	8	22	08	1	0	1	0	5	4	11	0	0
UDAIPUR	0230	582	1008.1	943.6	..	23.6	15.1	8.4	11.0	39	..	1.5	..	8.6	0	0	4	01	0	0	0	0	1	0	2	26	0
	0530	582	1008.4	943.6	..	22.0	14.4	7.9	10.7	42	..	1.8	..	1.6	0	0	8	01	0	1	0	0	0	2	4	22	0
	0830	582	1009.2	945.3	-0.1	26.8	16.6	8.4	11.0	33	- 1	2.6	+1.2	1.6	0	0	10	00	0	0	0	0	2	0	8	20	0
	1130	582	1007.8	945.4	..	33.7	18.6	6.2	9.5	21	..	2.3	..	6.1	0	0	28	04	0	1	2	7	4	6	4	2	0
	1730	582	1004.2	942.1	+0.1	34.7	18.5	5.2	8.8	18	- 5	3.1	+0.8	6.7	0	0	26	02	3	0	1	2	3	9	5	4	1
	2330	582	1008.2	944.7	..	26.0	16.0	8.4	11.0	34	..	1.9	..	1.8	0	0	8	01	0	0	0	0	0	5	2	22	0
JHALAWAR	0830	321	1009.0	971.4	-1.3	28.8	16.1	5.1	8.8	20	- 8	1.4	+0.4	2.0	0	0	11	01	1	0	0	1	1	5	2	19	0
	1730	321	1003.8	969.0	+0.6	36.8	17.8	5.2	8.8	7	- 8	3.7	+1.9	6.0	0	0	27	08	2	0	0	1	5	5	6	3	0
BANSWARA	0830	220	..	..	..	28.8	19.2	13.2	15.2	42	..	0.2	..	4.3	0	0	30	02	3	3	6	6	9	1	0	0	0
	1730	220	..	..	..	38.1	22.1	11.1	13.2	21	..	0.6	..	5.2	0	0	30	05	0	1	0	2	8	10	4	0	0
DUNGARPUR	0830		(R)																								
	1730		(R)																								
MADHYA PRADESH, WEST																											
GWALIOR	0230	207	1006.7	983.1	..	22.9	14.5	6.6	9.7	35	..	1.3	..	2.7	0	0	12	01	0	0	2	4	1	1	3	18	0
	0530	207	1007.2	983.6	..	21.6	14.0	6.8	9.9	39	..	2.4	..	3.1	0	0	14	01	0	0	1	6	2	1	3	16	0
	0830	207	1008.5	985.4	+0.6	29.1	17.5	7.8	10.6	26	+ 5	2.3	+1.0	5.5	0	0	27	01	0	1	2	7	4	5	7	3	0
	1130	207	1007.8	985.2	..	35.4	19.2	5.6	9.1	16	..	2.3	..	9.2	0	1	28	04	1	1	5	5	1	4	8	1	0
	1430	207	1005.1	982.7	..	37.2	19.7	5.0	8.7	14	..	3.4	..	9.9	0	0	30	10	4	0	0	1	2	5	8	0	0
	1730	207	1004.0	981.5	+0.7	36.3	19.5	5.3	9.0	15	+ 5	3.3	+1.4	9.1	0	1	29	07	3	1	1	0	1	3	14	0	0
	2030	207	1005.9	982.9	..	29.7	17.8	7.7	10.7	26	..	2.2	..	3.8	0	1	16	02	0	1	1	1	0	2	10	13	0
	2330	207	1006.9	983.6	..	25.5	15.9	7.4	10.3	32	..	1.6	..	3.1	0	0	13	02	1	0	2	4	1	0	3	17	0
SHEOPUR	0830	235	1009.1	982.7	+0.3	27.0	16.2	6.3	9.7	28	+ 1	2.6	+0.7	4.3	0	0	27	05	0	1	1	13	0	6	1	3	0
	1730	235	1003.8	978.4	+0.7	37.3	18.7	0.5	6.4	10	- 3	3.3	+0.6	11.5	0	3	26	04	1	1	1	0	3	10	9	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1968 (CHAITRA 12- VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lic. in gen. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH, WEST(CONTD)																											
SHIVPURI	0830	464	1008.7	957.6	..	28.2	16.7	6.4	9.7	26	..	2.1	..	5.9	0	0	22	02	3	3	3	0	5	2	4	8	0
	1730	464	1003.8	954.0	..	34.9	18.0	3.8	8.3	15	..	3.5	..	9.6	0	1	27	04	2	2	3	0	3	6	8	2	0
NOWGONG	0830	229	1009.1	983.4	+0.6	26.6	16.9	8.5	11.4	33	+ 0	2.3	+0.8	2.1	0	0	14	00	0	0	1	5	5	1	7	16	0
	1730	229	1004.1	979.4	+0.9	36.3	19.7	3.5	8.3	14	- 6	2.7	+0.4	7.5	0	0	28	00	9	0	0	0	5	3	10	2	1
GUNA	0530	478	1008.5	954.4	..	21.1	12.6	4.3	8.4	34	..	2.5	..	3.0	0	0	22	00	1	2	11	3	1	2	2	8	0
	0830	478	1008.8	956.3	+0.5	29.0	16.2	4.8	9.1	23	- 4	2.3	+1.1	6.8	0	0	29	03	0	9	0	6	2	8	1	1	0
	1130	478	1007.7	956.2	..	34.9	18.4	4.8	9.1	17	..	2.7	..	10.7	0	1	29	06	2	1	1	5	3	5	7	0	0
	1430	478	1004.7	953.6	..	36.7	18.1	1.7	7.2	12	..	4.3	..	11.0	0	0	30	04	1	2	1	0	5	6	11	0	0
	1730	478	1003.5	952.4	+0.3	35.3	17.7	1.9	7.4	13	- 2	4.7	+2.6	11.5	0	1	29	04	1	1	2	0	3	5	14	0	0
	2330	478	1007.8	954.7	..	25.2	14.7	5.4	9.1	30	..	1.5	..	4.9	0	0	22	05	2	4	2	5	1	3	0	8	0
NIMACH	0830	496	1009.7	955.1	+0.4	28.0	15.2	3.2	8.0	21	- 9	2.7	+1.3	6.8	0	1	25	03	3	0	0	1	6	6	6	4	1
	1730	496	1004.3	951.4	+0.0	35.8	17.4	0.3	6.5	11	- 7	3.6	+1.1	9.3	0	2	27	02	3	1	1	0	3	10	1	1	8
RAJGARH	0830	382	1009.1	966.6	+0.3	27.0	16.9	8.2	11.1	32	+ 5	2.2	+0.8	7.4	0	2	27	06	1	2	6	3	4	5	2	1	0
	1730	382	1003.7	962.9	+0.4	37.0	20.3	6.8	10.2	16	+ 1	2.5	-0.2	9.3	0	2	28	08	3	0	3	1	2	4	9	0	0
SAGAR	0830	551	1009.1	948.4	+0.8	26.3	22.3	20.5	24.0	71	+47	0.6	-0.9	5.3	0	0	30	00	2	2	0	0	9	13	4	0	0
	1730	551	1003.9	944.7	+0.9	33.0	27.2	25.0	31.9	63	+47	0.8	-1.8	6.5	0	0	30	00	11	12	0	0	2	3	2	0	0
RATLAM	0830	486	1009.4	955.8	+0.3	28.1	20.9	16.8	19.5	52	+13	2.9	+1.1	8.1	0	1	24	00	4	4	0	0	7	8	2	5	0
	1730	486	1003.7	951.9	+0.1	36.4	25.4	20.3	24.3	41	+18	4.9	+2.0	10.6	0	4	23	01	2	2	1	0	3	10	8	3	0
BHOPAL(BAIRAGARH)	0230	523	1007.1	949.1	..	24.5	13.9	3.7	8.2	27	..	2.1	..	6.7	0	0	26	02	4	4	2	2	3	4	5	4	0
	0530	523	1007.8	949.5	..	22.8	13.5	4.4	8.7	32	..	2.7	..	8.0	0	0	28	02	1	1	7	4	5	2	6	2	0
	0830	523	1008.9	951.6	+0.2	28.7	16.3	5.9	9.5	25	+ 0	2.7	+1.5	12.5	0	1	28	02	1	5	3	4	3	4	7	1	0
	1130	523	1007.5	951.4	..	34.4	18.2	5.2	9.1	17	..	3.0	..	13.2	0	4	26	02	4	2	5	2	2	7	6	0	0
	1430	523	1004.3	948.6	..	36.4	18.6	4.1	8.4	14	..	4.5	..	12.5	0	4	25	02	6	2	1	1	2	8	7	1	0
	1730	523	1003.5	947.7	+0.5	35.3	18.1	3.7	8.2	15	+ 1	4.5	+2.2	14.1	0	7	22	06	3	1	0	0	1	8	10	1	0
	2030	523	1006.1	949.2	..	29.9	16.2	4.2	8.4	20	..	3.0	..	10.3	0	2	27	07	3	2	2	3	2	6	4	1	0
	2330	523	1007.5	949.9	..	26.9	15.2	4.5	8.8	25	..	2.0	..	8.6	0	0	27	05	5	1	5	1	3	3	4	3	0
UJJAIN	0830	489	1009.7	955.4	..	25.9	17.0	10.5	12.9	39	..	3.4	..	6.5	0	1	20	01	1	1	2	1	0	10	5	9	0
	1730	489	1003.6	951.4	..	35.7	21.0	11.1	14.1	24	..	4.7	..	13.7	0	9	18	05	2	0	2	1	1	8	8	3	0
NARSINGHPUR	0830	356	1009.4	969.7	..	26.8	18.9	13.1	15.5	44	..	2.1	..	2.1	0	0	22	01	3	1	2	1	6	7	0	8	1
	1730	356	1003.5	965.2	..	35.7	22.5	14.2	16.5	29	..	3.7	..	2.3	0	0	30	08	1	0	1	1	17	2	0	0	0
HOSHANGABAD	0830	302	1009.9	976.1	+1.1	37.2	18.1	11.5	13.4	39	+11	2.1	+0.2	2.0	0	0	30	00	0	0	3	0	27	0	0	0	0
	1730	302	1004.3	971.8	+1.7	37.1	22.1	11.7	14.3	23	+ 8	3.9	+0.7	2.0	0	0	30	00	2	0	6	2	17	0	3	0	0
INDORE	0530	567	1008.5	945.1	..	21.9	12.8	3.7	8.2	31	..	1.9	..	8.7	0	2	26	02	3	1	2	3	9	6	2	2	0
	0830	567	1009.0	947.0	+0.5	26.2	15.9	5.1	9.1	24	- 6	2.3	+1.0	12.7	0	7	22	05	1	3	0	3	4	7	4	1	2
	1130	567	1007.5	946.7	..	34.5	18.1	4.6	8.8	16	..	1.7	..	12.3	0	5	24	07	4	6	0	2	3	4	3	1	0
	1730	567	1003.2	943.0	+0.3	35.7	18.1	3.5	7.9	14	- 1	3.7	+1.5	15.0	0	5	25	06	3	0	0	3	4	10	4	0	0
	2330	567	1007.8	945.6	..	26.6	14.6	3.2	7.9	22	..	2.0	..	8.7	0	1	24	01	3	2	0	0	4	10	5	5	0
RAJPUR(JHABUA)	0830	293	1010.5	977.7	+0.4	27.1	18.0	11.2	13.2	38	- 6	1.7	-0.1	6.6	0	0	25	00	0	2	0	0	1	22	0	5	0
	1730	293	1005.0	973.5	+0.6	37.2	20.3	5.7	10.1	16	- 3	2.9	+0.5	9.1	0	0	30	00	0	0	0	0	0	30	0	0	0
CHHINDWARA	0830	685	1009.4	934.4	+0.3	25.5	17.6	12.1	14.3	45	+11	2.7	+0.6	4.1	0	0	20	03	0	2	0	4	0	7	4	10	0
	1730	685	1003.4	930.5	+0.5	33.0	19.3	9.6	12.3	26	+ 4	3.9	+0.6	6.1	0	0	29	02	0	2	1	2	0	2	20	1	0
SEONI	0830	619	1009.7	941.9	+1.2	26.3	16.7	8.7	12.0	35	+ 2	2.9	+0.9	6.7	0	0	28	03	1	1	1	4	11	4	3	2	0
	1730	619	1003.5	937.5	+0.7	33.3	18.5	6.6	10.5	22	- 2	3.8	+0.4	10.3	0	2	27	06	1	2	1	5	3	7	4	1	0
BETUL	0830	653	1009.1	938.0	+0.4	27.6	16.7	7.4	11.1	31	+ 0	3.1	+1.3	4.8	0	0	24	01	2	2	11	3	0	1	4	6	0
	1730	653	1003.2	933.7	+0.2	33.8	17.7	3.9	8.5	19	+ 0	4.3	+1.1	7.8	0	0	29	05	2	4	2	3	3	4	6	1	0
KHANDWA	0830	318	1009.5	974.1	+0.8	27.8	17.7	9.1	12.0	33	+ 4	2.3	+0.9	3.2	0	0	23	02	0	0	2	3	8	3	5	7	0
	1730	318	1003.2	969.1	+0.5	34.1	21.4	8.5	11.9	18	+ 2	3.7	+1.2	4.2	0	0	28	10	2	0	1	2	4	2	7	2	0
TIKAMGARH	0830		..	..	..	20.5	15.0	10.5	12.7	52	..	2.9	..	3.7	0	0	26	01	0	1	4	4	12	1	3	4	0
	1730		..	..	..	36.0	20.1	8.0	10.6	18	..	4.4	..	6.0	0	1	29	09	2	0	1	0	9	1	8	0	0
MADHYA PRADESH, EAST																											
SATNA	0530	317	1007.2	971.3	..	22.0	14.0	7.0	9.5	39	..	1.8	..	1.9	0	0	11	01	1	2	0	1	1	4	1	19	0
	0830	317	1008.7	973.4	+0.9	28.1	17.3	7.9	10.9	29	- 5	2.9	+1.5	1.8	0	0	19	00	1	1	1	3	1	11	1	11	0
	1130	317	1007.7	973.1	..	34.4	18.9	5.1	9.3	17	..	2.1	..	3.9	0	0	26	00	0	4	2	2	1	15	2	4	0
	1430	317	1004.5	970.3	..	36.6	19.2	3.2	8.1	13	..	3.2	..	6.0	0	1	29	01	1	1	3	0	5	11	8	0	0
	1730	317	1003.5	969.3	+0.8	35.3	18.8	3.4	8.3	15	- 7	3.2	+1.0	4.3	0	0	26	04	0	1	0	1	0	16	4	4	0
	2330	317	1007.0	971.6	..	26.5	16.3	7.1	10.3	30	..	0.9	..	1.5	0	0	12	02	2	1	3	1	1	2	0	18	0
REWA	0830	299	1008.4	975.1	..	28.2	18.0	9.8	12.3	32	..	3.1	..	2.1	0	0	22	00	1	1	0	1	7	9	3	8	0
	1730	299	1003.2	970.9	..	36.0	19.5	5.1	9.3	16	..	3.9	..	3.5	0	0	27	06	2	0	0	0	1	7	11	3	0
SIDHI	0830	272	1007.5	977.2	+0.1	28.2	20.5	15.2	17.8	45	+11	0.5	-0.4	0.7	0	0	10	00	2	5	0	3	0	0	0	20	0
	1730	272	1003.1	973.7	+0.6	35.3	24.9	18.7	22.9	42	+24	1.6	+0.0	0.5	0	0	6	01	1	3	0	1	0	0	0	24	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – APRIL 1968 (CHAITRA 12- VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or bt. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH, EAST (CONTD.)																											
UMARIA	0830	459	1008.9	958.5	+1.1	28.7	17.2	8.7	11.2	29	- 2	3.9	+2.1	3.8	0	0	28	01	1	8	4	1	8	4	1	2	0
	1730	459	1003.2	954.0	+0.6	35.1	18.4	5.2	9.0	17	- 3	4.2	+1.4	4.6	0	0	30	03	2	1	1	2	0	11	10	0	0
JABALPUR	0530	393	1008.2	963.9	..	21.7	16.8	13.0	15.2	58	..	3.4	..	1.9	0	0	13	01	0	0	3	7	0	2	0	17	0
	0830	393	1009.4	965.9	+1.0	27.6	19.8	14.3	16.7	45	+15	3.6	+1.9	3.3	0	0	23	01	0	2	1	12	4	3	0	7	0
	1130	393	1007.9	965.4	..	34.3	21.8	13.1	15.9	30	..	3.5	..	5.6	0	0	28	02	2	1	1	3	5	7	7	2	0
	1430	393	1004.4	962.3	..	36.7	22.7	13.1	16.1	26	..	4.6	..	5.7	0	0	27	02	1	2	1	3	0	9	9	3	0
	1730	393	1003.6	961.4	+1.1	35.4	22.5	13.8	16.7	29	+11	4.4	+1.7	5.0	0	0	25	05	1	0	1	2	1	8	7	5	0
	2030	393	1006.5	963.3	..	29.1	20.3	14.4	16.6	41	..	1.7	..	2.3	0	0	15	00	1	0	3	5	3	2	1	15	0
	2330	393	1007.6	964.0	..	26.2	19.0	13.8	16.1	47	..	2.4	..	2.1	0	0	12	00	0	0	1	11	0	0	0	18	0
AMBIKAPUR	0830	611	1009.1	942.3	+0.6	27.4	17.9	11.2	13.6	37	+ 3	3.1	+1.9	4.0	0	0	24	03	1	0	2	7	10	1	0	6	0
	1730	611	1003.2	938.0	+0.3	33.1	18.6	7.4	10.8	23	+ 4	5.2	+3.0	9.5	0	1	26	05	1	3	3	0	3	5	7	3	0
JASHPURNAGAR	0830	779	1008.7	924.5	..	26.8	17.5	10.3	13.2	38	..	1.9	..	2.6	0	0	22	02	3	1	5	0	6	1	4	8	0
	1730	779	1003.1	920.5	..	31.2	18.8	8.9	12.6	29	..	3.4	..	2.8	0	0	27	00	1	0	0	3	14	4	5	3	0
PENDRA	0530	625	1006.1	938.9	..	27.5	14.7	7.8	11.1	41	..	2.8	..	5.1	0	1	20	04	0	0	1	10	4	0	2	9	0
	0830	625	1009.0	941.0	+0.7	28.1	17.1	8.2	11.5	31	+ 1	2.6	+0.7	8.0	0	5	18	05	2	0	1	11	3	1	0	7	0
	1130	625	1007.5	940.5	..	32.4	18.3	7.5	10.7	23	..	3.0	..	11.0	0	4	26	04	0	1	2	10	7	1	4	0	1
	1430	625	1004.2	937.6	..	33.6	18.6	6.9	10.4	21	..	3.4	..	11.3	0	6	23	04	1	2	0	7	6	4	4	1	1
	1730	625	1003.9	937.0	+0.9	31.9	18.1	6.9	10.7	23	+ 0	3.9	+0.4	6.9	0	0	26	06	1	2	0	7	3	4	3	4	0
	2330	625	1008.1	939.5	..	25.3	15.9	8.1	11.2	36	..	2.7	..	5.6	0	1	26	04	0	0	2	6	9	3	3	3	0
MANDLA	0830	443	1010.1	960.7	+0.8	24.7	18.0	12.7	15.3	47	+ 4	3.0	+0.9	2.7	0	0	13	01	0	1	1	10	0	0	0	17	0
	1730	443	1003.5	955.8	+0.6	33.8	20.7	10.9	13.7	27	+ 4	3.8	+0.4	2.9	0	0	12	04	1	0	0	3	1	1	2	18	0
CHAMPA	0830	245	1009.9	982.6	+1.0	28.6	19.7	13.3	15.7	39	+ 3	3.6	+1.4	3.5	0	0	22	02	2	4	3	1	2	6	2	8	0
	1730	245	1003.7	977.2	+0.7	36.4	21.1	9.6	12.5	21	+ 3	5.0	+1.7	4.9	0	2	24	01	0	2	2	0	5	13	3	4	0
RAIGARH	0830	220	1009.7	985.2	+1.3	29.9	20.4	13.9	16.3	38	+ 0	3.2	+0.9	3.8	0	0	29	03	8	0	4	5	6	1	2	1	0
	1730	220	1003.8	980.0	+1.1	36.1	20.6	8.5	11.6	20	+ 1	4.4	+1.8	3.1	0	0	27	00	1	1	4	0	10	6	5	3	0
RAIPUR	0530	298	1007.9	974.3	..	24.6	18.5	14.1	16.3	53	..	3.5	..	3.9	0	0	20	02	0	0	1	4	6	5	2	10	0
	0830	298	1009.8	976.7	+1.4	28.9	20.7	15.3	17.7	45	+ 9	3.5	+1.7	6.9	0	0	29	01	2	0	2	2	12	8	2	1	0
	1130	298	1008.6	976.1	..	34.4	22.3	14.5	17.0	31	..	3.3	..	7.5	0	0	30	02	2	1	2	2	5	13	3	0	0
	1430	298	1004.8	972.6	..	37.3	22.7	13.7	15.9	26	..	3.9	..	7.5	0	0	30	02	1	1	2	1	4	12	7	0	0
	1730	298	1004.0	971.8	+1.2	35.5	21.9	12.9	15.2	27	+ 6	4.1	+1.5	7.0	0	1	27	03	2	2	1	2	5	7	6	2	0
	2030	298	1006.8	973.9	..	30.8	20.5	13.5	15.7	36	..	2.9	..	3.7	0	0	16	01	1	0	2	3	1	6	2	14	0
	2330	298	1007.6	974.5	..	28.2	19.8	14.1	16.3	44	..	2.6	..	6.4	0	1	23	00	1	1	4	5	4	5	4	6	0
KANKER	0830	402	1009.6	965.2	+0.9	28.1	21.8	18.3	21.0	56	+10	3.1	+0.6	2.6	0	0	13	00	0	0	1	1	3	5	3	17	0
	1730	402	1004.2	960.9	+1.0	33.8	24.3	19.4	22.7	45	+15	3.6	-0.2	2.7	0	0	18	01	0	0	0	3	4	4	6	12	0
JAGDALPUR	0530	553	1008.8	947.2	..	21.5	18.6	16.9	19.3	76	..	3.0	..	1.1	0	0	7	00	0	1	1	2	1	1	1	23	0
	0830	553	1010.1	949.3	+0.9	26.0	20.4	17.2	19.9	58	+ 4	2.9	+0.9	3.5	0	0	20	00	1	0	1	8	6	3	1	10	0
	1130	553	1008.3	948.7	..	31.8	21.5	15.6	18.1	39	..	3.3	..	6.3	0	0	29	00	0	2	0	7	14	3	3	1	0
	1430	553	1004.4	945.4	..	33.7	21.4	13.9	16.5	33	..	5.0	..	7.2	0	0	26	01	2	0	1	5	7	3	7	4	0
	1730	553	1005.1	945.3	+1.3	30.3	20.6	14.9	17.1	43	+12	5.6	+1.5	6.7	0	1	23	02	2	1	3	5	6	4	1	6	0
	2030	553	1008.3	947.6	..	26.2	19.8	15.8	18.4	57	..	3.8	..	6.3	0	1	19	01	4	0	3	6	3	1	2	10	0
	2330	553	1008.9	947.9	..	24.3	19.3	16.2	18.8	63	..	3.8	..	4.2	0	1	11	01	1	1	3	2	4	0	0	18	0
GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																											
DEESA	0830	136	1009.9	994.5	+0.4	25.8	17.9	11.3	13.4	44	- 2	0.9	-0.6	5.6	0	0	26	01	6	1	3	0	2	0	12	4	1
	1730	136	1005.8	991.1	+1.1	37.8	19.8	3.2	7.7	13	- 8	0.4	-1.5	13.1	0	2	28	00	2	0	0	0	5	0	17	0	6
RADHANPUR	0830	30	1009.9	1006.5	+0.3	26.0	20.0	16.6	18.9	60	- 2	0.0	-0.9	2.2	0	0	29	01	0	0	0	2	11	0	15	1	0
	1730	30	1005.5	1002.2	-0.5	38.0	22.8	13.4	15.4	24	- 6	0.0	-1.3	2.3	0	0	29	04	0	0	0	0	11	10	4	1	0
IDAR	0830	219	1009.5	985.0	+0.2	28.3	17.1	6.1	9.4	29	-11	2.3	+0.7	3.5	0	0	22	05	1	5	1	0	0	7	3	8	0
	1730	219	1005.2	981.4	+0.2	37.1	18.7	0.3	6.2	11	- 9	2.6	+0.5	6.7	0	0	28	00	0	0	0	0	2	19	7	2	0
AHMADABAD	0230	55	1007.8	1001.5	..	26.7	18.2	11.3	13.4	40	..	1.1	..	9.9	0	2	23	01	1	0	0	0	1	11	11	5	0
	0530	55	1008.1	1001.7	..	24.1	17.9	12.7	14.7	51	..	1.3	..	8.1	0	0	23	01	0	1	0	0	2	2	17	7	0
	0830	55	1010.0	1003.7	+0.2	26.9	19.5	14.0	16.0	49	+ 0	2.2	+0.9	11.8	0	1	27	02	2	1	0	0	2	0	21	2	0
	1130	55	1010.1	1004.0	..	34.4	21.3	12.0	14.0	28	..	2.1	..	13.8	0	3	27	03	2	2	1	0	0	7	15	0	0
	1430	55	1007.3	1001.2	..	38.3	21.9	10.0	12.3	20	..	2.0	..	13.6	0	4	25	01	0	2	0	1	1	10	14	1	0
	1730	55	1005.6	999.5	+0.4	38.6	21.7	9.2	11.6	19	+ 1	2.3	+0.8	14.9	0	3	27	06	1	0	1	0	2	9	11	0	0
	2030	55	1007.0	1000.8	..	33.1	20.4	11.0	13.1	27	..	1.5	..	4.9	0	1	12	01	0	0	0	0	0	7	5	17	0
	2330	55	1008.2	1001.7	..	29.3	19.1	11.4	13.5	34	..	1.1	..	10.0	0	4	17	00	0	0	0	1	4	8	8	9	0
DOHAD	0830	333	1009.5	972.4	-0.2	27.5	20.5	16.1	18.3	51	+13	1.8	+0.5	14.0	0	8	22	01	0	2	2	3	4	12	6	0	0
	1730	333	1004.2	968.5	-0.3	37.2	24.5	16.8	19.1	34	+19	2.4	+1.5	16.7	0	11	19	03	1	0	1	0	5	12	8	0	0
VALLABH VIDYANAGAR	0830	44	1010.2	1005.3	..	24.2	18.6	14.6	16.6	57	..	1.4	..	4.4	0	0	29	02	1	1	2	4	2	6	11	1	0
	1730	44	1006.4	1001.6	..	38.1	21.8	10.1	12.3	19	..	1.4	..	6.8	0	0	30	03	0	1	1	1	1	6	17	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS— APRIL ,1968 (CHAITRA 12- VAISAKHA 12,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C: Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.): 62 or more	20 to 61	1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
GUJARAT REGION(INCLUDING DAMAN DADRA AND NAGAR HAVELI)																											
BARODA AERODROME	0830	38	1010.5	1006.2	+0.5	27.3	21.6	18.0	20.6	59	+13	1.9	+0.7	8.6	0	2	24	05	1	0	0	2	3	5	9	4	1
	1130	38	1010.2	1006.0	..	34.5	24.2	18.4	21.1	41	..	1.7	..	10.8	0	2	24	00	4	1	0	0	2	9	9	4	1
	1730	38	1005.6	1001.5	+0.5	38.1	24.2	15.5	17.6	29	+12	2.5	+1.2	10.5	0	1	28	01	0	0	0	0	1	14	10	1	3
BARODA	0530	34	1008.2	1004.2	..	23.5	18.1	14.0	16.0	57	..	1.0	..	1.2	0	0	13	00	0	1	0	0	8	2	2	17	0
	0830	34	1010.4	1006.5	+0.3	26.6	19.7	14.8	16.8	51	- 3	1.4	+0.4	1.6	0	0	17	02	1	0	1	0	5	3	5	13	0
	1130	34	1010.3	1006.5	..	34.7	20.9	10.8	12.9	26	..	1.0	..	3.3	0	0	27	04	2	0	1	0	3	5	12	3	0
	1730	34	1005.7	1001.9	+0.5	38.5	21.7	9.3	11.7	19	- 2	1.8	+0.8	2.1	0	0	21	00	0	0	0	0	0	5	16	9	0
	2330	34	1008.5	1004.6	..	28.4	20.1	14.2	16.2	43	..	1.1	..	2.2	0	0	18	00	0	0	0	0	9	1	8	12	0
BROACH	0830	17	000.0	1007.6	+0	..	..	..	..	.	..	1.3	-0.1	4.9	0	0	30	00	0	0	1	7	6	1	15	0	0
	1730	17	000.0	1003.8	+0	..	..	..	..	.	..	0.8	-0.2	5.1	0	0	30	01	0	0	1	0	9	4	15	0	0
SURAT	0530	12	1008.5	1007.2	..	23.5	20.7	18.8	21.7	75	..	0.6	..	5.2	0	0	28	00	11	0	5	0	10	0	2	2	0
	0830	12	1010.9	1009.6	+0.6	26.3	21.4	18.4	21.1	64	+ 0	1.0	-1.0	5.2	0	0	27	00	10	0	12	0	4	0	1	3	0
	1130	12	1011.1	1009.8	..	32.9	21.8	14.6	16.6	35	..	1.3	..	8.7	0	0	30	00	6	0	1	0	7	0	16	0	0
	1730	12	1006.7	1005.4	+0.5	34.8	22.9	15.6	17.7	33	- 7	1.4	-0.1	12.1	0	2	28	00	0	0	0	0	20	0	10	0	0
	2330	12	1009.3	1007.9	..	26.2	22.5	20.4	24.0	71	..	0.5	..	7.3	0	0	30	00	6	0	2	0	21	0	1	0	0
SAURASHTRA AND KUTCH																											
NALIYA	0830	21	1010.2	1007.8	+0.3	24.3	22.3	21.3	25.3	83	+ 4	3.1	+0.8	6.5	0	3	18	00	1	0	0	0	10	7	3	9	0
	1730	21	1007.5	1005.0	+0.1	31.1	23.3	18.8	21.7	50	+ 2	2.4	+0.7	12.1	0	1	29	01	0	0	0	0	17	12	0	0	0
BHUJ (RUDRAMATA	0230	80	1008.5	999.3	..	24.2	21.2	19.3	22.4	77	..	1.2	..	10.5	0	2	18	00	1	0	0	0	3	15	1	10	0
	0530	80	1008.5	999.2	..	22.7	20.8	19.7	22.9	84	..	1.5	..	6.9	0	0	16	00	1	0	0	0	1	13	1	14	0
	0830	80	1010.0	1000.9	+0.4	25.9	22.1	19.9	23.2	71	+14	1.9	+0.9	11.4	0	7	13	00	0	0	0	0	2	9	9	10	0
	1130	80	1010.1	1001.2	..	33.4	21.8	13.7	15.7	34	..	1.6	..	16.6	0	12	18	08	1	1	0	0	1	7	12	0	0
	1430	80	1007.7	998.8	..	36.7	22.0	11.5	13.6	25	..	1.5	..	15.1	0	7	21	03	2	0	1	1	3	8	10	2	0
	1730	80	1006.3	997.5	+0.5	36.1	22.3	12.6	14.6	27	+ 5	1.9	+1.1	20.9	0	18	11	02	2	0	0	0	5	16	4	1	0
	2030	80	1008.1	999.1	..	30.2	22.1	16.7	19.0	48	..	1.2	..	16.7	0	11	17	01	1	0	0	0	5	18	3	2	0
	2330	80	1009.2	999.9	..	26.2	21.7	18.8	21.7	67	..	1.0	..	13.7	0	3	21	00	1	0	0	0	5	15	3	5	0
KANDLA AERODROME	0830	35	1010.5	1006.6	..	26.5	20.1	15.8	17.9	54	..	2.0	..	16.5	0	11	17	01	0	0	0	0	6	10	11	2	0
	1130	35	1010.6	1006.7	..	34.[illegible]	20.1	8.9	11.4	24	..	1.6	..	19.7	0	15	15	00	1	2	0	0	8	11	8	0	0
	1730	35	1006.7	1002.9	..	36.4	20.4	6.9	9.9	19	..	1.8	..	25.3	0	22	8	00	1	0	2	8	9	9	1	0	0
NEW KANDLA	0830	14	1010.8	1009.2	+0.3	25.0	20.9	18.3	21.0	68	+ 1	3.0	+1.0	11.9	0	5	25	07	0	0	0	0	8	11	4	0	0
	1730	14	1007.3	1005.7	+0.4	32.6	22.7	16.5	18.8	42	- 2	2.4	+0.3	26.7	0	22	8	00	0	0	0	7	16	7	0	0	0
MANDVI	0830	9	1011.0	1009.9	+0.6	24.9	22.4	21.1	25.0	80	+ 1	3.1	+1.5	12.9	0	4	25	00	0	0	0	1	1	17	10	1	0
	1730	9	1008.2	1007.1	-0.2	28.0	24.9	23.1	28.3	75	- 2	2.9	+1.4	24.9	0	24	5	00	0	0	0	0	0	29	0	1	0
SURENDRANAGAR	0830	74	1010.5	1002.1	+0.7	27.6	22.0	18.5	21.3	61	+ 3	2.5	+1.2	16.7	0	10	20	02	0	1	0	0	0	9	18	0	0
	1730	74	1005.8	997.7	+0.4	38.2	24.1	15.8	17.9	28	+ 3	2.4	+0.9	12.0	0	4	23	04	0	0	0	0	1	19	3	2	0
OKHA	0530	7	1009.3	1008.5	..	[illegible]	23.2	22.6	27.4	90	..	2.3	..	20.9	0	17	13	02	0	0	0	0	2	14	12	0	0
	0830	7	1011.0	1010.2	..	25.3	23.7	23.0	28.1	87	..	2.9	..	19.0	0	14	16	03	0	0	0	0	0	11	16	0	0
	1130	7	1011.9	1011.1	..	27.1	24.0	22.5	28.3	77	..	2.3	..	18.7	0	12	18	02	1	0	0	0	1	12	14	0	0
	1730	7	1008.9	1008.1	..	27.4	24.4	23.1	28.3	78	..	2.3	..	22.5	0	20	10	01	0	0	0	0	1	22	6	0	0
	2330	7	1010.6	1009.8	..	24.9	23.7	23.1	28.3	90	..	1.7	..	18.7	0	13	17	00	0	0	0	0	1	22	7	0	0
JAMNAGAR AERODROME	0530	23	1009.2	1006.6	..	21.7	20.3	19.4	22.5	87	..	1.6	..	11.5	0	3	23	00	0	0	0	1	8	15	2	4	0
	0830	23	1010.9	1008.3	+0.3	25.0	22.5	21.2	25.2	80	+12	2.6	+0.6	13.8	0	6	22	00	0	0	0	0	4	20	4	2	0
	1130	23	1011.4	1008.8	..	30.3	23.2	19.2	22.2	53	..	2.0	..	18.5	0	14	16	00	3	2	0	0	0	17	7	0	1
	1730	23	1007.9	1005.4	+1.0	31.3	22.7	17.5	20.0	46	+ 4	1.7	+0.4	25.4	0	20	9	00	2	0	0	0	0	19	9	1	0
	2330	23	1010.1	1007.5	..	24.[illegible]	22.2	21.3	25.3	83	..	1.0	..	17.5	0	8	20	00	0	0	0	0	2	24	2	2	0
DWARKA	0830	11	1011.8	1010.5	+1.1	25.5	24.0	23.3	28.6	88	+ 7	2.9	+0.8	8.2	0	0	30	05	0	0	0	0	0	16	9	0	0
	1730	11	1009.6	1008.3	+1.6	27.5	25.5	24.8	31.3	86	+11	2.5	+1.3	9.3	0	1	29	00	0	0	0	0	3	18	8	0	1
RAJKOT	0530	138	1008.9	993.1	..	21.4	18.8	17.0	19.4	77	..	1.5	..	10.9	0	6	18	00	0	0	0	0	5	10	9	6	0
	0830	138	1010.6	994.9	+0.2	25.0	21.5	19.5	22.7	73	+ 7	1.3	-0.2	17.5	0	17	11	01	0	0	0	0	2	9	16	2	0
	1130	138	1010.2	995.0	..	32.8	21.6	14.1	16.1	34	..	1.3	..	25.5	1	23	6	03	2	1	0	0	0	4	20	0	0
	1430	138	1007.5	992.4	..	36.7	21.8	11.4	13.5	23	..	0.8	..	21.2	0	14	16	03	2	1	1	0	0	6	17	0	0
	1730	138	1006.2	991.2	+0.8	36.5	21.5	10.8	12.9	23	+ 5	1.0	-0.4	25.3	0	19	10	02	1	0	0	0	0	6	20	1	0
BHAUNAGAR AERODROME	0830	11	1010.5	1009.3	+0.1	27.5	19.7	14.2	16.2	46	+ 2	1.2	+0.0	17.8	0	15	15	02	1	0	1	1	0	10	15	0	0
	1130	11	1010.7	1009.5	..	33.1	22.2	15.3	17.4	36	..	1.4	..	19.0	0.	14	16	02	9	8	0	0	0	1	10	0	0
	1730	11	1006.2	1005.0	+0.3	36.6	22.6	13.0	15.0	27	+ 0	2.3	+0.9	23.0	0	23	6	00	3	2	10	13	0	1	0	1	0
PORBANDER AERODROME	0830	7	1010.9	1010.1	+0.6	25.5	22.5	20.5	24.1	77	- 2	2.5	+1.4	13.8	0	10	19	03	0	0	0	1	2	5	18	1	0
	1130	7	1011.3	1010.5	..	30.9	22.9	17.9	20.5	50	..	1.6	..	20.6	0	18	12	02	0	0	0	0	9	10	9	0	0
	1730	7	1008.2	1007.4	+0.6	29.9	22.9	18.8	21.7	55	-12	1.6	-0.1	25.0	0	28	2	01	0	0	0	0	3	26	0	0	0
KESHOD	0830	51	1010.8	1005.0	+0.0	25.0	20.6	17.7	20.2	67	+ 0	2.0	+0.2	12.0	0	2	27	13	2	0	0	0	1	4	9	1	0
	1130	51	1010.9	1005.2	..	33.0	20.6	11.7	13.7	29	..	1.3	..	16.5	0	8	22	07	2	0	0	0	0	5	16	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1968 (CHAITRA 12- VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SAURASHTRA AND KUTCH (INCLUDING DIU)																											
KESHOD	1730	51	1007.5	1001.8	+0.2	34.1	21.4	12.8	14.8	29	- 3	1.5	+0.4	20.6	0	19	11	01	0	0	0	0	1	22	6	0	0
MAHUVA	0830	9	1009.7	1008.7	..	24.9	20.8	18.3	21.0	70	..	2.9	..	3.5	0	0	23	08	3	0	2	1	1	2	6	7	0
	1730	9	1007.0	1006.0	..	31.3	24.9	21.7	25.9	58	..	2.7	..	7.8	0	0	30	01	0	0	4	11	14	0	0	0	0
VERAVAL	0230	8	1009.1	1008.2	..	23.2	21.4	20.1	23.5	85	..	2.1	..	11.9	0	4	24	18	0	0	0	0	1	0	9	2	0
	0530	8	1008.8	1007.9	..	22.2	20.6	19.4	22.5	86	..	3.0	..	10.6	0	3	25	23	2	0	0	0	0	0	3	2	0
	0830	8	1010.8	1009.9	+0.2	25.1	21.9	19.7	22.9	76	+ 4	2.6	+0.9	14.8	0	10	18	16	3	0	0	0	1	1	7	2	0
	1130	8	1011.2	1010.3	..	29.3	24.2	21.1	25.0	67	..	1.5	..	19.3	0	18	11	01	2	0	0	0	3	10	13	1	0
	1430	8	1009.2	1008.3	..	28.8	25.2	23.5	28.9	74	..	1.7	..	24.9	0	25	5	00	0	0	0	0	2	15	13	0	0
	1730	8	1008.0	1007.1	+0.6	28.0	24.7	22.7	27.6	76	- 2	1.6	+0.5	25.7	0	24	6	00	1	0	0	0	0	11	18	0	0
	2030	8	1009.4	1008.5	..	25.8	23.8	22.8	27.7	84	..	1.3	..	20.5	0	18	10	02	0	0	0	0	0	2	24	2	0
	2330	8	1010.2	1009.3	..	24.6	22.9	21.9	26.3	86	..	1.5	..	13.0	0	7	20	08	0	0	0	0	0	1	18	3	0
DIU	0830		1011.3	1009.5	..	25.9	20.5	17.1	19.5	62	..	1.7	..	7.2	0	1	24	01	1	1	0	0	0	2	20	5	0
	1730		1008.5	1006.8	..	29.1	24.1	21.6	25.8	66	..	1.9	..	22.3	0	19	11	00	0	0	0	1	10	18	1	0	0
KONKAN (INCLUDING GOA)																											
DAHANU	0830	5	1010.3	1009.6	+0.3	27.1	24.6	23.5	28.9	81	+ 8	0.0	-2.2	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	1730	5	1007.2	1006.7	+0.6	29.7	26.7	25.3	32.2	78	+ 8	0.0	-1.3	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
BOMBAY (SANTACRUZ)	0230	14	1008.7	1007.1	..	24.1	22.0	20.9	24.7	83	..	1.6	..	3.1	0	0	17	02	5	3	1	0	1	0	5	13	0
	0530	14	1009.0	1007.3	..	23.0	21.4	20.6	24.3	87	..	1.7	..	2.8	0	0	16	04	5	4	2	0	1	0	0	14	0
	0830	14	1010.9	1009.2	+0.6	27.4	23.3	21.1	25.0	69	+ 2	2.2	-0.5	5.3	0	0	22	01	5	2	3	1	1	2	7	8	0
	1130	14	1010.8	1009.2	..	31.0	24.5	21.1	25.0	57	..	2.9	..	13.7	0	4	26	00	0	0	0	0	2	18	10	0	0
	1430	14	1008.4	1006.8	..	30.9	24.5	21.4	25.5	58	..	2.6	..	20.9	0	19	11	00	0	0	0	0	0	15	15	0	0
	1730	14	1007.2	1005.6	+0.5	30.0	23.7	20.2	23.7	58	+ 1	1.8	+0.1	22.1	0	22	8	01	0	0	0	0	0	7	22	0	0
	2030	14	1008.9	1007.3	..	27.0	23.2	21.0	24.9	72	..	1.6	..	11.1	0	3	26	03	0	1	0	0	1	3	21	1	0
	2330	14	1010.1	1008.3	..	25.5	22.6	20.9	24.7	77	..	1.7	..	5.7	0	0	22	02	0	1	0	0	1	5	13	8	0
BOMBAY	0830	11	1010.8	1009.6	+0.5	27.0	23.9	22.3	26.9	76	+ 3	2.1	-0.2	6.2	0	0	26	02	2	5	5	1	1	3	7	4	0
	1130	11	1011.1	1009.9	..	30.0	24.8	22.3	26.9	64	..	1.9	..	11.1	0	1	29	03	0	0	0	1	3	9	13	0	1
	1730	11	1007.6	1006.4	+0.6	28.9	24.4	22.1	26.4	67	+ 1	1.5	+0.3	15.0	0	7	23	03	0	0	0	0	1	5	21	0	0
ALIBAG	0830	7	1010.7	1009.9	+0.0	26.8	23.7	22.1	26.4	76	+ 2	2.1	+0.0	3.6	0	0	22	02	2	3	3	3	2	0	7	8	0
BHIRA	0830	96	1010.4	999.5	..	26.0	21.3	18.7	21.6	65	..	1.2	..	0.9	0	0	12	01	1	0	1	1	4	1	3	18	0
	1730	96	1005.5	995.1	..	35.4	23.9	17.7	20.2	38	..	1.4	..	7.2	0	0	30	01	0	0	0	2	14	4	9	0	0
HARNAI	0830	20	1010.6	1008.3	+0.7	26.9	24.2	23.0	28.1	80	+ 5	0.3	-2.8	4.6	0	1	13	07	3	0	0	1	0	0	3	16	0
	1730	20	1007.4	1005.1	+0.6	28.2	26.3	25.6	32.8	86	+ 8	0.5	-2.2	29.4	0	23	7	01	0	0	0	0	0	7	22	0	0
RATNAGIRI	0830	35	1010.6	1006.6	+0.6	26.9	23.5	21.8	26.1	75	+ 2	3.9	+0.8	3.7	0	0	28	00	2	8	7	0	0	3	4	2	4
	1730	35	1007.1	1003.2	+0.2	29.6	25.1	22.9	27.9	68	+ 1	2.8	+0.0	9.5	0	0	30	00	0	0	0	0	1	14	14	0	1
DEVGARH	0830	36	1010.3	1006.3	+0.2	26.8	23.6	22.1	26.6	74	- 3	2.6	-1.1	6.8	0	0	29	06	11	6	1	0	1	0	4	1	0
	1730	36	1007.2	1003.2	+0.4	30.4	25.5	23.2	28.9	66	- 5	1.9	-1.1	26.7	0	22	8	00	1	0	0	0	0	16	13	0	0
VENGURLA	0230	9	1009.4	1008.4	..	25.5	23.1	21.9	26.3	81	..	1.5	..	2.1	0	0	15	10	1	1	1	0	0	0	2	15	0
	0530	9	1009.0	1008.0	..	24.3	22.5	21.5	25.6	85	..	1.9	..	2.6	0	0	16	13	0	1	0	1	0	0	1	14	0
	0830	9	1011.1	1010.1	+0.5	28.0	23.8	21.8	26.1	70	- 1	1.7	-1.2	3.7	0	0	22	07	4	2	2	3	1	1	2	8	0
	1130	9	1010.9	1009.9	..	31.3	25.1	22.1	26.6	59	..	1.1	..	7.9	0	1	29	00	0	0	1	0	18	9	2	0	0
	1730	9	1007.4	1006.4	+0.4	30.1	25.0	22.6	27.4	65	+ 0	1.9	-0.9	8.1	0	0	30	02	0	0	0	0	5	19	4	0	0
	2330	9	1010.4	1009.4	..	26.9	23.9	22.4	27.1	77	..	1.7	..	2.6	0	0	13	04	1	0	0	0	0	0	8	17	0
PANJIM	0530	60	1008.5	1001.7	..	25.1	22.7	21.5	25.6	81	..	2.7	..	5.6	0	0	26	07	12	2	3	0	1	0	1	4	0
	0830	60	1010.4	1003.6	..	26.8	23.3	21.5	25.6	73	..	3.0	..	6.9	0	0	27	04	14	4	1	2	0	0	2	3	0
	1130	60	1010.4	1003.7	..	31.0	24.7	21.8	26.1	58	..	2.3	..	15.9	0	8	22	00	2	0	0	0	12	11	5	0	0
	1430	60	1007.8	1001.2	..	31.4	25.1	22.3	26.9	59	..	1.9	..	21.1	0	20	10	01	0	0	0	1	8	15	5	0	0
	1730	60	1006.9	1000.2	..	30.1	24.7	22.2	26.8	63	..	3.2	..	19.2	0	13	17	01	0	0	0	0	10	10	9	0	0
	2030	60	1009.0	1002.2	..	28.0	24.2	22.4	27.1	72	..	2.4	..	10.3	0	3	25	05	0	0	0	0	1	7	15	2	0
	2330	60	1009.8	1003.0	..	27.1	23.7	22.0	20.0	74	..	2.4	..	6.3	0	0	26	10	0	0	0	0	2	3	11	4	0
MORMUGAO	0530	62	1008.3	1001.3	..	26.4	23.8	22.5	27.3	80	..	2.9	..	7.8	0	0	27	05	13	4	2	0	1	1	1	3	0
	0830	62	1010.2	1003.3	-0.3	27.5	24.1	22.4	27.1	74	+ 2	3.0	-0.6	9.9	0	1	28	07	10	6	0	5	1	0	0	1	0
	1130	62	1010.1	1003.2	..	29.8	24.8	22.4	27.1	65	..	2.4	..	15.6	0	5	25	01	0	1	0	3	11	9	5	0	0
	1730	62	1006.8	999.9	-0.3	29.6	25.1	23.1	28.3	68	- 1	3.3	+0.3	19.3	0	8	22	00	0	0	0	0	8	18	4	0	0
DABOLIM (NAVAL AIR STN.)	0530	52	1008.8	1003.0	..	25.6	23.1	21.9	26.3	80	..	3.2	..	7.8	0	0	20	03	9	2	3	1	0	0	2	9	0
	0830	52	1010.8	1005.0	..	27.5	23.8	22.0	26.4	73	..	2.8	..	9.6	0	0	25	06	10	2	3	3	1	0	0	5	0
	1130	52	1010.7	1005.0	..	30.2	24.6	21.9	26.3	62	..	2.3	..	19.6	0	8	22	04	0	0	1	0	7	9	9	0	0
	1730	52	1007.1	1001.4	..	29.8	24.8	22.4	27.1	65	..	2.9	..	23.6	0	18	12	04	0	0	0	0	0	7	19	0	0
	2330	52	1009.8	1004.0	..	27.4	24.0	22.3	27.1	74	..	3.5	..	16.0	0	5	21	12	1	0	0	1	0	0	12	4	0
MADHYA MAHARASHTRA																											
NANDURBAR	0830	206	1010.0	986.7	+0.2	29.5	19.4	11.9	13.9	36	-12	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – APRIL ,1968 (CHAITRA 12- VAISAKHA 12,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lat. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA MAHARASHTRA (CONTD.)																											
NANDURBAR	1730	206	1005.1	982.8	+0.9	38.2	21.1	7.9	10.7	17	- 7	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
JALGAON	0830	201	1009.9	987.3	+0.9	28.3	17.4	7.4	10.3	29	-10	2.1	+0.9	13.2	0	10	17	02	0	2	2	1	4	12	4	3	0
	1730	201	1003.7	982.0	+0.4	39.8	19.9	2.9	7.5	10	- 4	3.2	+0.9	16.3	0	9	20	03	2	2	2	1	2	11	6	1	0
MALEGAON	0830	437	1010.5	962.2	+1.1	28.3	0.0	0.0	0.0	0	..	1.1	-0.2	6.5	0	0	24	05	0	0	0	2	2	8	7	6	0
	1730	437	1004.4	957.8	+1.1	37.1	0.0	0.0	0.0	0	..	3.1	+0.4	12.9	0	6	22	08	3	2	1	1	0	1	12	2	0
OZAR	0230	608	1008.7	941.1	..	22.4	15.6	10.2	12.4	48	..	1.8	..	10.6	0	4	19	01	0	1	0	0	0	13	8	7	0
	0530	608	1009.0	941.1	..	20.9	14.9	9.8	12.1	52	..	1.9	..	11.3	0	6	17	00	0	1	0	1	0	10	11	7	0
	0830	608	1009.6	943.1	..	26.9	17.6	10.7	12.9	38	..	1.7	..	11.2	0	6	17	01	0	1	0	1	0	5	15	7	0
	1130	608	1007.8	942.8	..	33.9	19.8	9.9	12.1	25	..	1.2	..	14.5	0	7	22	03	1	5	2	2	1	6	7	1	2
	1430	608	1004.3	940.0	..	36.5	20.4	9.2	11.6	20	..	3.3	..	16.9	0	10	19	03	0	0	2	3	0	6	14	1	1
	1730	608	1003.8	939.2	..	34.4	19.7	9.3	11.7	24	..	3.6	..	26.3	0	24	6	02	0	[illegible]	0	0	0	8	20	0	0
	2030	608	1007.2	941.2	..	28.8	18.5	11.4	13.5	36	..	2.1	..	20.6	0	17	13	01	0	0	0	0	1	10	17	0	1
	2330	608	1009.1	942.1	..	24.9	16.7	10.5	12.7	42	..	1.4	..	12.4	0	6	22	00	1	0	0	0	1	13	13	2	0
AHMADNAGAR	0830	657	1010.2	938.3	+0.8	26.0	16.4	8.9	11.4	35	+ 1	1.6	+0.0	7.0	0	0	25	01	4	0	0	0	2	0	18	5	0
	1730	657	1002.9	933.6	+0.5	35.8	19.7	8.2	10.9	22	+ 4	4.3	+1.2	10.1	0	2	28	00	8	0	4	0	6	0	12	0	0
POONA AERODROME	0230	593	1008.5	942.7	..	23.3	16.7	11.9	13.9	50	..	1.2	..	8.2	0	1	22	00	0	1	1	0	1	20	0	7	0
	0530	593	1008.9	942.7	..	21.5	15.6	11.1	13.2	53	..	1.4	..	8.4	0	2	20	00	0	1	0	0	0	20	0	8	1
	0830	593	1009.7	944.4	..	26.0	17.0	10.2	12.4	38	..	2.0	..	9.2	0	0	23	00	1	1	0	0	1	19	0	7	1
	1130	593	1007.9	944.3	..	33.6	19.2	8.8	11.3	23	..	1.9	..	12.4	0	2	25	05	4	7	2	0	1	8	0	2	0
	1730	593	1003.3	940.2	..	34.6	20.3	10.4	12.6	26	..	3.7	..	26.7	0	21	7	02	0	0	0	1	1	20	4	2	0
	2330	593	1009.0	943.6	..	25.4	18.1	13.0	15.0	48	..	1.2	..	13.6	0	3	24	00	0	1	1	0	0	25	0	3	0
POONA	0530	559	1009.6	946.9	..	20.8	15.0	10.4	12.6	52	..	1.6	..	1.1	0	0	5	00	0	1	0	0	0	4	0	25	0
	0830	559	1010.4	948.8	+0.5	26.5	17.7	11.6	13.7	40	- 3	2.1	+0.5	1.4	0	0	9	00	0	1	0	1	0	6	1	21	0
	1130	559	1008.3	948.3	..	34.0	19.6	9.4	11.8	23	..	2.2	..	5.8	0	0	24	02	5	6	3	0	0	5	3	6	0
	1430	559	1004.5	945.2	..	36.6	20.3	9.2	11.6	20	..	3.8	..	5.9	0	1	21	00	1	3	4	1	1	6	6	8	0
	1730	559	1004.0	944.3	+0.3	34.6	20.8	11.9	13.9	27	+ 1	4.0	+1.4	11.5	0	2	27	02	0	0	0	1	0	11	15	1	0
	2030	559	1007.7	946.8	..	29.2	20.3	15.1	17.9	44	..	1.8	..	8.9	0	0	28	00	1	0	0	1	0	24	2	2	0
	2330	559	1009.3	947.7	..	26.2	18.4	13.2	15.2	46	..	1.0	..	3.2	0	0	13	00	0	0	0	1	1	10	1	17	0
JEUR	0830	521	1009.3	952.2	+0.4	27.7	19.2	13.2	13.4	44	- 1	1.6	-0.7	4.8	0	0	30	17	3	1	0	1	1	1	6	0	0
	1730	521	1002.4	947.3	+0.4	37.3	21.6	11.3	15.2	24	+ 0	3.4	-0.6	5.7	0	0	30	09	6	2	2	3	3	0	5	0	0
BARAMATI	0830	551	1010.0	949.4	+0.7	26.4	19.1	14.6	13.4	50	+ 5	0.8	-1.1	11.1	0	3	27	01	0	3	1	0	2	8	15	0	0
	1730	551	1002.4	944.2	+0.2	36.6	22.8	14.8	16.8	30	+ 8	3.0	-0.7	12.9	0	6	24	04	3	3	6	3	1	3	7	0	0
SHOLAPUR	0530	479	1008.1	954.9	..	24.9	17.8	13.0	15.0	49	..	2.8	..	4.5	0	0	21	06	4	0	4	2	2	2	1	9	0
	0830	479	1009.7	957.1	+0.6	28.7	19.3	13.0	10.0	40	- 1	2.4	+0.5	4.6	0	1	22	03	8	0	8	0	1	0	3	7	0
	1130	479	1007.7	956.3	..	35.2	21.1	12.5	14.5	27	..	1.5	..	9.5	0	1	29	08	6	2	9	2	2	1	0	0	0
	1430	479	1003.7	953.0	..	34.[illegible]	21.8	12.1	14.1	23	..	3.6	..	8.1	0	1	28	06	3	3	8	2	2	1	4	1	0
	1730	479	1002.5	951.6	+0.3	37.0	20.9	10.5	12.7	21	- 1	4.1	+0.4	7.5	0	0	30	02	7	1	12	0	3	1	4	0	0
	2330	479	1008.0	955.5	..	29.0	18.8	11.8	13.8	37	..	3.9	..	9.1	0	4	20	03	6	1	8	2	4	0	0	6	0
MIRAJ	0830		1010.2	949.0	+0.2	25.0	19.6	16.5	18.8	60	- 4	2.2	+0.2	1.9	0	0	10	00	0	1	0	0	1	7	1	20	0
	1730		1002.5	944.1	+0.3	3[illegible].1	20.5	10.0	12.3	22	- 9	4.2	+0.1	2.3	0	0	10	00	0	0	1	0	0	9	0	20	0
KOLHAPUR	0530	570	1008.6	945.2	..	21.6	18.6	16.8	19.1	75	..	1.6	..	5.7	0	0	19	01	1	3	0	0	0	12	2	11	0
	0830	570	1010.2	947.1	+0.2	24.1	19.5	16.8	19.1	65	+ 2	1.5	-0.8	4.6	0	0	18	00	1	1	0	0	1	8	7	11	0
	1130	570	1008.1	947.0	..	33.3	20.4	12.2	14.2	30	..	1.6	..	9.7	0	0	29	07	8	2	0	1	1	2	7	1	1
	1730	570	1003.5	942.5	-0.1	32.8	22.5	17.0	19.4	41	+ 3	3.3	-0.3	18.7	0	15	15	00	0	2	0	1	2	15	10	0	0
	2330	570	1009.2	946.2	..	24.4	20.2	17.8	20.4	68	..	1.7	..	7.7	0	0	24	00	3	0	0	0	0	19	2	4	0
NASIK	0830		..	..	..	25.9	19.2	14.9	16.9	51	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
MARATHWADA																											
AURANGABAD	0830	581	1010.1	946.6	+0.6	28.0	16.4	6.9	8.1	28	- 6	1.1	-0.5	4.7	0	1	16	01	3	3	0	3	2	4	1	13	0
	1730	581	1004.0	941.9	+0.2	36.3	18.6	3.9	11.9	14	- 6	4.5	+1.5	11.5	0	4	23	10	1	1	0	2	3	4	6	3	0
AURANGABAD(CHIKALTHAN)	0230	579	1007.7	943.6	..	24.3	16.1	9.6	11.9	41	..	2.7	..	7.3	0	0	19	03	1	2	0	0	2	9	2	11	0
	0530	579	1008.6	944.1	..	22.1	15.0	9.1	11.5	45	..	2.6	..	4.2	0	0	11	02	1	0	0	0	0	6	2	19	0
	0830	579	1009.3	946.0	+0.3	28.6	18.4	10.9	13.0	35	- 1	1.7	+0.1	8.1	0	1	18	02	1	2	2	0	0	10	2	11	0
	1130	579	1007.6	945.6	..	34.5	20.9	11.9	13.9	28	..	1.5	..	15.4	0	3	26	06	8	3	1	1	5	4	2	1	0
	1430	579	1003.9	942.7	..	36.8	21.3	10.5	12.7	23	..	3.8	..	12.2	0	0	28	04	7	1	2	0	2	4	7	2	1
	1730	579	1002.9	941.5	+0.3	35.7	20.9	10.8	12.9	24	+ 0	4.4	+0.8	16.9	0	9	20	07	7	2	1	1	2	5	4	1	0
	2030	579	1006.3	943.4	..	29.6	18.6	10.6	12.8	33	..	3.1	..	11.5	0	6	19	10	2	0	2	0	1	4	6	5	0
	2330	579	1007.8	944.5	..	27.3	17.5	10.1	12.3	36	..	2.8	..	11.7	0	4	22	06	3	1	1	0	3	2	10	4	0
PARBHANI	0830	423	1010.1	963.4	+0.7	28.2	17.1	6.9	9.9	29	- 8	1.7	-0.2	4.9	0	0	26	03	0	1	2	1	6	9	4	4	0
	1730	423	1003.3	958.0	+0.4	37.2	21.6	10.0	12.3	27	+ 1	3.1	-0.6	4.3	0	0	23	05	7	3	2	0	1	3	2	7	0
NANDER	0830	358	1009.6	969.9	..	28.4	19.6	13.4	15.4	41	..	1.4	..	3.7	0	0	20	00	3	0	2	0	11	1	3	10	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – APRIL 1968 (CHAITRA 12- VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or M. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MARTHWADA (CONTD.)																											
NANDER	1730	358	1003.6	965.6	..	37.2	23.4	14.9	16.9	27	..	3.0	..	5.0	0	1	21	00	11	0	3	1	5	0	2	8	0
BIR	0830	519	1010.3	953.1	..	26.8	18.9	13.8	15.8	46	..	1.7	..	5.1	0	0	27	00	1	1	5	0	3	3	14	3	0
	1730	519	1003.6	948.2	..	35.3	20.5	10.8	12.9	25	..	3.7	..	5.4	0	0	28	00	9	2	7	0	1	0	9	2	0
VIDARBHA																											
GONDIA	0830	313	1009.9	975.0	+0.6	27.4	19.1	12.9	15.4	43	+ 4	3.4	+1.1	3.4	0	0	28	02	2	1	2	4	10	3	4	2	0
	1730	313	1003.6	969.9	+0.5	35.4	20.3	8.0	11.5	21	+ 1	2.6	-0.3	2.5	0	0	21	05	0	2	0	5	3	4	2	9	0
NAGPUR (SONEGAON)	0230	310	1007.1	972.3	..	24.6	18.7	14.3	16.7	55	..	2.8	..	5.9	0	2	18	00	2	2	3	0	3	4	6	10	0
	0530	310	1008.0	972.9	..	22.6	17.7	13.8	16.3	60	..	4.1	..	3.2	0	0	17	03	2	1	2	0	3	2	4	13	0
	0830	310	1009.5	975.0	+0.6	28.2	20.9	16.0	18.8	51	+14	3.4	+0.9	3.5	0	0	20	02	3	3	3	3	2	0	4	10	0
	1130	310	1008.1	974.4	..	34.4	23.2	16.2	19.3	37	..	2.8	..	6.9	0	1	27	04	4	1	5	3	4	1	6	2	0
	1430	310	1004.5	971.1	..	37.3	24.1	15.9	19.3	31	..	3.7	..	6.2	0	1	26	03	3	0	3	3	4	3	8	3	0
	1730	310	1003.7	970.2	+0.8	36.0	23.4	15.4	18.4	32	+ 9	4.1	+0.4	8.1	0	3	22	02	2	0	6	1	1	5	8	5	0
	2030	310	1006.3	972.0	..	29.9	21.0	15.1	17.6	41	..	2.8	..	4.7	0	1	16	06	3	2	2	1	0	1	2	13	0
	2330	310	1007.6	973.0	..	27.0	19.8	14.8	17.3	49	..	3.4	..	4.3	0	1	14	02	3	3	1	0	3	0	3	15	0
AMRAOTI	0830	370	1009.1	968.2	+0.5	28.5	19.1	11.7	14.5	38	+ 8	2.4	+0.5	3.6	0	1	26	01	5	3	4	4	4	4	2	3	0
	1730	370	1003.2	963.7	+0.7	37.2	21.8	11.0	13.6	22	- 1	3.7	-0.2	8.7	0	1	28	03	3	3	2	2	3	7	6	1	0
AKOLA AERODROME	0530	309	1007.2	972.4	..	23.7	14.5	4.3	9.0	32	..	3.4	..	6.3	0	0	27	02	3	3	3	5	5	5	1	3	0
	0830	309	1008.6	974.3	..	28.4	17.3	6.8	10.8	29	..	3.0	..	6.5	0	0	29	00	3	4	2	2	7	7	4	1	0
	1130	309	1007.5	974.0	..	35.5	19.6	5.6	9.9	18	..	2.6	..	7.7	0	0	30	03	3	5	2	4	2	6	5	0	0
	1430	309	1003.8	970.7	..	38.7	19.8	2.0	7.7	12	..	4.4	..	9.6	0	2	28	02	6	1	3	2	1	7	8	0	0
	1730	309	1002.4	969.2	..	38.3	19.4	1.3	7.2	11	..	5.0	..	7.9	0	0	30	04	4	1	1	2	3	9	6	0	0
	2030	309	1004.9	971.1	..	32.6	18.5	4.4	9.8	19	..	4.1	..	9.1	0	3	23	03	1	5	3	2	2	3	7	4	0
	2330	309	1006.6	972.3	..	28.9	16.7	4.3	9.1	24	..	3.9	..	6.0	0	1	28	02	2	5	2	6	4	1	7	1	0
AKOLA	0830	282	1009.8	978.4	+1.2	29.3	18.8	11.1	13.9	37	+ 7	1.9	+0.3	5.2	0	0	28	00	3	0	5	0	13	1	6	2	0
	1730	282	1003.3	973.1	+0.9	38.2	22.0	10.6	13.2	20	+ 4	3.9	+1.4	5.6	0	0	27	01	2	0	6	0	8	0	10	3	0
BRAMHAPURI	0830	229	1010.1	984.3	+0.3	26.7	20.3	16.1	18.5	54	+ 6	3.4	+0.9	5.7	0	0	28	05	4	0	5	9	4	1	0	2	0
	1730	229	1004.3	979.4	+0.4	36.9	21.8	11.2	13.7	23	+ 0	3.2	+0.1	5.1	0	0	25	08	4	0	2	6	1	0	4	5	0
BULDANA	0830	650	1009.1	938.3	+0.6	27.6	18.5	12.5	14.7	39	+ 0	1.8	-0.4	8.5	0	1	26	05	1	1	1	2	1	0	16	3	0
	1730	650	1002.9	934.1	+0.2	34.9	21.0	12.2	14.7	27	+ 3	4.7	+1.0	6.2	0	0	30	01	7	0	2	0	3	0	17	0	0
YEOTMAL	0830	451	1009.1	959.6	+0.7	29.3	18.6	9.3	12.8	32	- 5	2.8	+0.0	8.1	0	1	27	01	3	4	2	5	5	3	5	2	0
	1730	451	1002.9	954.8	+0.5	36.4	19.6	4.9	9.1	16	- 8	3.9	+0.0	7.8	0	0	29	02	2	4	3	1	5	5	7	1	0
CHANDRAPUR	0830	193	1009.4	987.8	+0.6	28.4	20.6	15.6	17.9	46	+ 5	3.2	+1.2	4.9	0	0	27	02	4	4	7	7	1	1	1	3	0
	1730	193	1003.5	982.6	+0.5	37.3	21.4	9.4	12.5	20	- 3	3.5	+0.2	8.3	0	1	27	03	1	2	5	5	4	3	5	2	0
PUSAD	0830	334	1010.0	972.9	..	28.1	22.9	19.1	23.7	63	..	2.5	..	1.5	0	0	20	01	0	0	6	1	4	2	6	10	0
	1730	334	1004.2	968.4	..	37.6	25.7	19.7	23.2	37	..	4.5	..	5.1	0	0	28	00	5	0	8	0	3	0	12	2	0
SIRONCHA	0830	123	1010.5	996.7	+0.8	28.7	23.2	20.3	23.8	61	+ 8	2.8	+0.2	1.7	0	0	22	00	0	3	5	12	0	1	1	8	0
	1730	123	1004.5	991.0	+0.9	36.7	24.0	17.3	19.5	32	+ 7	3.3	+0.1	1.8	0	0	22	03	0	2	5	3	4	2	3	8	0
WARDHA	0830	283	1009.4	977.9	..	29.4	18.8	9.7	13.0	33	..	1.8	..	3.5	0	0	28	06	8	2	1	2	3	3	3	2	0
	1730	283	1003.8	973.2	..	36.8	20.5	7.3	10.9	19	..	3.6	..	4.5	0	0	30	06	4	1	2	3	4	5	5	0	0
BHANDARA	0830		(R)																								
	1730		(R)																								
COASTAL ANDHRA PRADESH																											
KALINGAPATAM	0830	6	1011.0	1010.3	+1.5	30.4	27.2	25.9	33.4	77	+ 0	3.0	-0.6	12.7	0	6	16	00	1	0	1	12	8	0	0	0	0
	1730	6	1007.4	1006.7	+1.6	29.6	26.8	25.7	33.0	79	+ 3	4.5	+0.3	15.5	0	4	18	03	2	0	0	8	8	0	1	0	0
VISHAKHAPATNAM	0230	3	1008.4	1008.0	..	26.6	24.6	23.7	29.3	85	..	2.5	..	6.1	0	1	20	00	0	1	0	0	11	8	1	9	0
	0530	3	1009.1	1008.7	..	26.0	24.3	23.5	28.9	86	..	4.1	..	4.1	0	0	19	00	0	0	0	2	8	6	3	11	0
	0830	3	1011.1	1010.7	+1.3	29.5	25.2	23.2	28.6	70	- 3	4.1	+1.0	11.9	0	5	22	00	0	1	1	1	14	8	2	3	0
	1130	3	1010.3	1009.9	..	33.1	25.9	22.7	27.4	55	..	3.3	..	19.3	0	16	14	00	0	0	3	11	13	1	2	0	0
	1430	3	1007.5	1007.1	..	32.7	26.1	23.1	28.6	58	..	3.9	..	23.0	0	20	10	00	0	1	3	11	15	0	0	0	0
	1730	3	1007.3	1006.9	+1.2	29.9	25.7	23.7	29.7	70	-10	4.8	+0.9	15.9	0	11	19	00	0	2	1	9	16	0	2	0	0
	2030	3	1009.5	1009.1	..	28.3	25.4	24.4	30.0	79	..	3.1	..	7.1	0	0	26	00	0	0	2	2	17	3	2	4	0
	2330	3	1009.9	1009.5	..	27.0	25.0	23.9	30.0	78	..	2.8	..	5.9	0	0	19	00	0	0	0	1	10	7	1	11	0
KAKINADA	0830	8	1011.6	1010.7	+1.3	29.6	25.7	24.2	29.7	73	+ 0	4.9	+1.2	4.6	0	0	28	00	0	0	8	0	19	0	1	2	0
	1730	8	1006.9	1006.1	+1.1	31.7	25.9	23.3	28.6	61	- 4	3.4	+1.1	14.1	0	3	27	00	0	0	24	1	4	0	1	0	0
NIDADAVOLE	0830	12	1011.2	1009.8	+0.7	28.1	25.3	24.5	30.0	76	- 1	5.6	+0.0	2.6	0	0	30	11	0	8	0	7	2	1	1	0	0
	1730	12	1007.0	1005.6	+0.9	31.8	25.1	21.9	26.3	57	+ 1	4.2	+0.7	3.9	0	0	30	00	0	2	4	23	0	1	0	0	0
RENTACHINTALA	0830	106	1010.2	998.3	+1.5	29.1	24.5	22.2	28.6	67	+ 6	3.7	+0.5	2.2	0	0	24	01	0	2	0	14	0	7	0	6	0
	1730	106	1004.5	992.9	+0.9	36.6	24.5	17.9	20.8	34	+ 6	3.4	-0.2	1.9	0	0	19	01	0	1	0	3	0	14	0	11	0
GANNAVARAM	0230	24	1008.3	1005.6	..	26.0	24.3	23.5	28.6	86	..	3.1	..	4.7	0	0	16	01	0	5	5	5	0	0	0	14	0
	0530	24	1008.9	1006.1	..	25.4	24.2	23.6	29.3	90	..	4.9	..	6.2	0	0	22	01	2	10	4	4	0	0	1	8	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1968 (CHAITRA 12- VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mb.			Mean temperature in °C			Vapour pressure in mb.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lst. in gen. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															25 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
COASTAL ANDHRA PRADESH																											
GANNAVARAM	0830	24	1011.0	1008.3	+1.0	28.9	25.3	23.7	29.3	73	+ 1	4.8	+0.7	9.8	0	10	20	00	3	3	6	15	3	0	0	0	0
	1130	24	1010.2	1007.5	..	34.0	25.0	20.9	24.3	49	..	4.0	..	13.0	0	4	25	00	0	3	5	14	5	2	0	1	0
	1430	24	1007.0	1004.3	..	34.9	24.8	20.0	22.9	43	..	3.5	..	15.2	0	8	22	00	1	1	9	17	2	0	0	0	0
	1730	24	1006.3	1003.7	+1.0	32.4	24.4	20.3	24.0	50	+ 5	3.5	+0.9	14.5	0	5	25	01	0	1	9	19	0	0	0	0	0
	2030	24	1006.9	1006.2	..	27.8	24.3	22.6	27.6	74	..	2.1	..	11.1	0	3	25	01	1	3	8	12	1	1	0	2	0
	2330	24	1009.7	1007.0	..	26.5	24.3	23.0	28.6	83	..	2.7	..	6.9	0	2	19	01	2	4	6	7	1	0	0	9	0
MASULIPATAM	0830	3	1011.0	1010.7	+1.1	28.6	25.4	23.9	29.8	76	+ 1	5.4	+1.6	3.6	0	0	28	02	0	4	5	6	8	2	1	2	0
	1730	3	1007.0	1006.7	+1.0	30.1	25.7	22.9	27.9	66	- 5	4.0	+2.1	5.0	0	0	30	01	0	7	9	4	4	0	0	0	5
ONGOLE	0830	12	1009.5	1008.2	-0.3	29.5	26.1	24.5	31.1	75	- 3	0.4	-2.8	2.0	0	0	30	01	6	1	11	5	2	0	4	0	0
	1730	12	1006.2	1004.9	+0.6	32.0	27.1	25.0	31.9	67	-10	0.2	-2.2	2.0	0	0	30	00	14	0	16	0	0	0	0	0	0
NELLORE	0530	20	1006.6	1006.4	..	25.3	24.2	23.7	29.3	91	..	4.5	..	2.8	0	0	17	00	1	6	10	0	0	[illegible]	0	13	0
	0830	20	1010.4	1008.2	+0.9	29.4	25.7	24.1	30.0	73	+ 4	4.9	+1.7	4.3	0	0	30	00	0	0	27	0	2	1	0	0	0
	1130	20	1009.8	1007.6	..	33.6	26.1	22.7	27.6	53	..	3.9	..	7.5	0	0	30	01	1	2	19	5	1	0	1	0	0
	1430	20	1006.9	1004.8	..	34.6	27.0	23.6	29.5	53	..	3.2	..	7.8	0	0	30	01	0	7	18	2	1	1	0	0	0
	1730	20	1006.6	1004.4	+1.2	31.2	26.3	24.2	30.0	67	+ 5	3.9	+0.9	9.5	0	0	30	00	1	2	26	0	0	1	0	0	0
	2330	20	1009.4	1007.2	..	27.0	25.3	24.6	30.7	87	..	4.4	..	4.5	0	0	25	00	1	11	11	1	1	0	0	5	0
VISHAKHAPATNAM(SOLAR)	0830	56	1010.7	1008.3	..	28.9	24.3	22.1	26.6	67	..	5.9	..	6.6	0	0	26	00	0	1	0	0	14	7	[illegible]	4	0
TELANGANA																											
RAMGUNDAM	0830	156	1009.8	992.3	+0.6	29.4	24.2	21.6	25.9	65	+15	3.2	+0.2	4.9	0	0	30	02	6	1	3	16	1	1	0	0	0
	1730	156	1004.3	987.3	+0.1	..	..	..	..	..	+12	2.4	-1.4	4.1	0	0	24	05	3	4	1	11	0	0	0	6	0
NIZAMABAD	0830	381	1009.4	967.1	+0.5	29.0	22.7	19.1	22.4	55	+14	2.3	+0.3	0.8	0	0	7	00	1	3	0	2	1	0	0	23	0
	1730	381	1003.6	962.5	+0.6	36.9	25.2	19.1	22.4	36	+15	3.4	+0.5	2.0	0	0	11	01	3	4	0	1	0	1	1	19	0
HANAMKONDA	0830	269	1010.0	980.0	+0.6	27.5	23.0	20.6	24.4	67	+ 5	2.6	+0.1	2.1	0	0	29	01	0	0	8	19	0	1	0	1	0
	1730	269	1005.5	976.4	+1.7	36.4	22.9	15.0	16.9	28	+ 2	1.2	-1.3	9.8	0	0	30	04	2	0	6	13	1	0	0	0	0
HAKIMPET AERODROME	0530	613	1008.2	941.0	..	23.7	19.9	17.8	20.5	71	..	4.0	..	10.8	0	2	28	02	1	3	12	4	2	4	2	0	0
	0830	613	1009.4	942.4	..	26.7	21.1	17.9	20.9	59	..	3.5	..	13.9	0	2	28	00	1	4	10	3	5	3	2	0	0
	1130	613	1007.7	942.0	..	32.5	21.5	15.3	17.6	36	..	2.3	..	13.3	0	1	29	01	2	2	5	10	4	3	2	0	1
	1730	613	1004.1	938.9	..	34.1	20.6	12.3	14.4	27	..	4.3	..	12.4	0	2	28	03	6	4	3	0	1	1	1	0	1
	2330	613	1007.7	941.1	..	27.4	20.1	15.7	19.2	49	..	3.3	..	14.9	0	8	21	01	4	4	4	2	1	2	2	1	1
BHADRACHALLAM	0830	111	1010.3	997.8	+0.0	26.2	24.1	22.1	26.6	69	+ 1	3.9	+0.3	4.4	0	0	30	00	12	0	15	3	1	0	2	0	0
	1730	111	1004.6	992.5	+0.3	35.5	23.9	17.5	20.2	37	+ 8	4.5	+0.8	4.5	0	0	30	01	18	0	8	3	0	3	6	3	
HYDERABAD(BEGAMPET)	0230	545	1007.1	947.5	..	26.0	20.0	16.4	19.0	57	..	2.9	..	6.7	0	2	25	01	1	4	12	6	1	1	1	3	0
	0530	545	1008.1	948.0	..	24.4	19.7	17.0	19.5	65	..	3.9	..	5.5	0	0	23	02	2	2	10	2	2	1	2	7	0
	0830	545	1010.1	950.3	+1.0	26.6	20.6	17.1	19.9	57	+ 6	3.8	+1.3	8.1	0	2	25	01	2	1	10	5	5	2	1	3	0
	1130	545	1008.2	949.7	..	33.4	20.8	13.3	15.4	31	..	2.2	..	10.9	0	2	27	01	2	1	4	11	7	1	2	1	0
	1730	545	1003.5	945.6	+1.1	35.1	19.8	9.8	11.9	22	- 9	4.8	+1.1	9.1	0	3	26	00	3	8	9	5	1	1	2	1	0
	2330	545	1007.9	948.7	..	28.1	19.9	15.1	17.1	46	..	3.2	..	7.5	0	1	27	02	0	3	19	2	0	1	1	2	0
KHAMMAM	0830	112	1010.7	998.1	+0.9	28.3	24.8	23.1	28.3	72	- 1	5.4	+1.9	5.2	0	0	28	00	0	3	23	2	0	0	0	2	0
	1730	112	1005.0	992.8	+0.9	35.7	24.8	19.6	22.4	39	+ 8	4.3	+1.2	2.5	0	0	15	00	9	5	3	6	1	0	0	15	0
MAHBUBNAGAR	0830	505	1009.5	954.1	+0.4	28.4	21.0	17.0	18.9	45	- 8	2.9	+0.1	6.5	0	0	27	01	3	6	3	0	12	1	1	3	0
	1730	505	1003.4	949.6	+0.4	34.6	20.3	9.6	12.2	26	- 4	4.8	+1.0	5.7	0	0	27	02	3	12	6	0	2	0	2	3	0
RAYALASEEMA																											
KURNOOL	0830	281	1010.2	979.0	+1.1	29.4	21.8	17.5	20.0	50	+ 1	3.0	+0.6	5.7	0	0	30	01	9	1	7	0	10	0	2	0	0
	1730	281	1003.9	973.5	+0.7	3[illegible].4	22.1	12.9	15.3	28	+ 4	4.6	+1.1	4.9	0	0	29	00	9	0	12	0	2	0	1	1	5
NANDYAL	0830	212	1009.9	986.3	..	29.6	23.8	21.2	24.7	60	..	2.2	..	7.1	0	0	25	01	4	7	3	8	0	2	0	5	0
	1730	212	1004.0	981.0	..	36.5	24.1	17.2	19.7	33	..	3.8	..	10.9	0	3	25	01	5	10	3	5	3	1	0	2	0
ANANTAPUR	0530	350	1007.8	968.8	..	25.0	21.3	18.5	21.6	64	..	2.6	..	5.7	0	0	22	00	1	8	5	3	6	4	1	8	0
	0830	350	1009.8	971.1	+0.9	28.5	22.1	18.5	21.3	55	+ 3	1.9	-1.0	7.4	0	1	23	01	2	0	3	2	7	4	2	9	0
	1130	350	1008.3	970.3	..	33.6	22.8	16.5	18.9	37	..	2.2	..	7.0	0	0	26	00	0	3	3	5	8	3	3	4	1
	1430	350	1004.3	966.8	..	36.5	22.5	13.6	15.9	26	..	3.6	..	8.1	0	2	22	00	7	7	4	2	0	2	2	6	0
	1730	350	1003.3	965.7	+0.7	35.7	22.0	13.1	15.3	27	+ 4	4.0	+0.3	13.2	0	4	23	01	11	6	3	1	1	4	0	3	0
	2030	350	1006.1	967.9	..	31.5	21.6	15.3	17.7	39	..	3.0	..	8.5	0	2	16	00	3	6	5	1	3	0	0	12	0
	2330	350	1007.7	969.2	..	29.6	21.4	16.4	18.8	47	..	3.3	..	11.6	0	6	20	01	2	12	4	3	3	0	1	4	0
CUDDAPAH	0830	130	1010.4	995.9	+0.9	31.0	24.1	20.6	24.4	55	- 1	1.9	-0.4	1.1	0	0	8	00	0	6	2	0	0	0	0	22	0
	1730	130	1004.3	990.1	+0.5	36.7	24.5	17.9	20.8	34	- 6	3.3	+0.1	3.7	0	0	22	00	0	19	3	0	0	0	0	8	0
AROGYAVARAM	0830	701	1010.2	934.0	+0.8	25.8	21.8	19.8	23.2	70	+ 4	3.3	-0.2	7.0	0	0	28	00	0	5	16	2	2	0	3	2	0
	1730	701	1003.9	929.5	+0.5	32.3	22.5	17.7	20.0	42	+ 8	5.2	+0.5	9.8	0	1	29	00	10	3	14	0	1	0	2	0	0
MADRAS STATE(INCLUDING PONDICHERRY)																											
MADRAS	0830	6	1010.9	1010.2	+0.9	28.8	25.9	24.5	31.1	78	+ 6	4.8	+0.6	6.0	0	0	28	01	0	6	14	1	5	1	0	2	0
	1730	6	1006.9	1006.2	..	29.9	26.5	25.1	31.9	76	..	3.8	..	8.6	0	0	30	00	0	9	19	1	0	0	1	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1968 (CHAITRA 12- VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or bt. in gpm. of mean standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 42 or more	20 to 41	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADRAS STATE(INCLUDING PONDICHERRY) (CONTD.)																											
MADRAS(MINAMBAKKAM)	0230	16	1008.6	1006.9	..	26.6	24.6	23.7	29.3	84	..	3.2	..	4.8	0	1	11	00	0	0	5	4	1	1	1	18	0
	0530	16	1009.1	1007.3	..	25.9	24.3	23.6	29.1	87	..	4.2	..	3.1	0	1	9	00	1	0	4	3	1	1	0	20	0
	0830	16	1011.0	1009.2	+0.8	28.8	25.2	23.6	29.1	74	+ 2	4.6	+0.4	7.7	0	1	24	02	0	2	2	10	6	2	1	5	0
	1130	16	1010.3	1008.6	..	33.0	25.3	21.6	25.9	52	..	4.0	..	12.8	0	4	26	00	0	6	7	9	5	2	1	0	0
	1430	16	1007.5	1005.8	..	33.2	25.9	22.6	27.3	54	..	3.3	..	15.2	0	7	23	00	1	8	15	5	0	0	1	0	0
	1730	16	1006.9	1005.3	+1.0	30.5	25.3	23.0	27.9	65	- 3	3.2	+0.1	16.1	0	9	21	00	0	7	18	4	0	0	1	0	0
	2030	16	1009.2	1007.5	..	28.1	24.9	23.5	28.9	76	..	2.5	..	11.7	0	2	27	00	0	6	18	5	0	0	0	1	0
	2330	16	1010.1	1008.3	..	27.3	24.8	23.7	29.3	81	..	2.8	..	9.8	0	1	26	00	0	3	15	8	1	0	0	3	0
VELLORE	0530	214	1009.3	985.0	..	24.5	23.5	23.0	28.1	91	..	4.0	..	2.3	0	0	14	00	0	1	3	9	1	0	0	16	0
	0830	214	1011.1	987.0	+1.1	27.4	24.3	22.9	27.9	77	+ 8	2.9	-0.4	4.5	0	0	21	02	0	0	0	12	4	2	1	9	0
	1130	214	1009.9	986.3	..	32.2	25.5	22.3	27.3	57	..	3.6	..	5.1	0	0	23	04	0	0	7	11	1	0	0	7	0
	1730	214	1005.6	982.2	+1.0	33.9	25.5	21.7	25.6	51	+12	3.6	-0.2	7.1	0	0	29	01	2	4	14	8	0	0	0	1	0
	2330	214	1010.2	986.1	..	27.0	24.5	23.4	28.6	81	..	2.4	..	5.3	0	0	25	03	0	2	9	11	0	0	0	5	0
TAMBARAM AERODROME	0830	29	1010.6	1007.4	..	29.2	26.1	24.9	31.1	78	..	4.7	..	13.5	0	6	20	00	0	1	1	10	9	3	2	4	0
	1730	29	1007.2	1004.0	..	31.2	26.3	24.1	30.0	69	..	3.2	..	23.5	0	19	11	00	0	1	17	9	0	0	1	0	2
TIRUPPATTUR	0830	390	1011.6	967.9	+1.1	25.1	22.6	21.3	25.3	77	+ 5	7.2	+3.1	3.1	0	0	28	14	0	0	0	14	0	0	0	2	0
	1730	390	1006.2	963.8	+1.5	31.7	23.3	18.6	21.8	52	+ 6	7.9	+2.9	8.2	0	0	30	14	0	0	0	16	0	0	0	0	0
METTUR DAM R.S.	0830	244	..	..	..	30.0	23.5	20.1	23.5	56	..	3.6	..	6.2	0	1	28	00	4	0	5	0	15	0	5	1	0
	1730	244	..	..	..	34.4	23.5	17.3	20.0	37	..	5.2	..	7.0	0	1	29	00	5	0	11	0	11	0	3	0	0
CUDDALORE	0530	12	1009.0	1007.7	..	25.3	24.1	23.5	28.9	90	..	3.3	..	0.8	0	0	4	00	0	0	3	0	0	0	1	26	0
	0830	17	1010.6	1009.3	+0.4	28.0	25.2	23.9	29.7	77	+ 2	4.2	+0.1	7.8	0	0	25	00	1	0	9	1	8	1	5	5	0
	1130	12	1010.3	1009.0	..	31.2	25.9	23.9	28.9	65	..	4.2	..	8.7	0	0	30	00	1	2	24	0	1	1	1	0	0
	1430	12	1007.4	1006.1	..	31.3	26.3	24.2	30.0	66	..	2.8	..	12.5	0	2	28	00	3	1	24	0	2	0	0	0	0
	1730	12	1007.0	1005.7	+0.9	29.3	25.7	24.0	30.0	72	- 1	2.7	-0.8	9.5	0	0	29	00	2	2	25	0	0	0	0	1	0
	2330	12	1009.9	1008.6	..	27.6	25.1	24.0	29.7	81	..	2.9	..	6.9	0	0	21	00	0	1	16	0	0	1	3	9	0
KALLAKKURICHCHI	0830	127	1010.7	996.5	+0.8	27.7	25.1	23.9	29.7	80	+ 7	3.2	-0.2	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	1730	127	1005.2	991.3	+0.5	33.3	26.1	22.4	27.9	56	+10	3.6	-0.2	0.0	0	0	3	00	1	0	1	0	0	1	0	27	0
SALEM	0530	278	1008.8	977.5	..	25.1	22.5	20.7	25.2	77	..	3.2	..	2.6	0	0	17	00	0	15	1	1	0	0	0	13	0
	0830	278	1010.5	979.7	+0.8	27.7	22.8	20.2	23.8	64	- 6	2.9	-0.2	2.2	0	0	15	00	0	6	6	1	2	0	0	15	0
	1130	278	1009.7	978.8	..	32.0	23.4	18.7	21.7	46	..	2.9	..	4.5	0	0	24	00	2	4	2	1	3	8	0	6	4
	1730	278	1004.5	974.3	+0.5	33.1	22.7	16.5	19.0	40	- 1	4.1	-0.4	4.5	0	0	21	00	4	9	6	1	1	0	0	9	0
	2330	278	1009.2	978.4	..	27.6	22.9	20.4	24.1	66	..	3.8	..	6.0	0	0	19	00	2	14	2	1	0	0	0	11	0
COIMBATORE(PILAMEDU)	0530	399	1009.2	964.5	..	23.4	22.3	21.7	25.9	90	..	3.4	..	9.0	0	1	17	02	3	1	0	3	7	2	0	12	0
	0830	399	1010.9	966.5	+0.7	26.0	23.2	21.8	26.1	78	+ 5	3.2	-0.7	7.9	0	0	16	01	3	4	0	3	5	0	0	14	0
	1130	399	1009.6	965.9	..	30.8	23.9	20.3	24.1	55	..	3.8	..	11.5	0	6	15	02	6	6	0	3	4	0	0	9	0
	1430	399	1005.9	962.7	..	33.2	23.9	18.8	22.1	45	..	4.5	..	15.1	0	12	11	00	2	8	3	5	5	0	0	7	0
	1730	399	1005.0	961.7	-0.1	32.0	23.5	18.7	22.0	48	+ 4	4.6	-0.5	20.6	0	18	11	00	4	7	2	4	11	1	0	1	0
	2030	399	1008.3	964.1	..	26.9	23.5	21.8	26.1	75	..	3.7	..	21.6	0	20	8	00	0	3	2	7	15	1	0	2	0
	2330	399	1010.1	965.6	..	25.0	23.0	22.0	26.4	84	..	3.3	..	13.7	0	4	21	02	2	2	2	5	12	0	0	5	0
COIMBATORE	0830	409	1011.1	965.4	+0.7	26.5	23.0	21.1	25.3	73	+ 0	3.9	+0.2	4.4	0	0	30	00	19	3	0	4	1	0	0	0	3
NAGAPATTINAM	0830	9	1011.1	1010.0	+0.8	29.0	25.2	23.5	28.9	73	+ 0	5.4	+0.9	9.5	0	3	22	02	0	1	9	7	2	3	1	5	0
	1730	9	1007.1	1006.0	+0.7	29.9	25.8	24.1	30.0	72	- 1	5.4	+1.7	19.6	0	17	12	00	1	6	18	1	3	0	0	1	0
TIRUCHCHIRAPPALLI	0230	88	1008.5	998.5	..	25.6	23.5	22.5	27.3	83	..	4.3	..	5.9	0	1	24	05	3	1	3	6	3	2	2	5	0
	0530	88	1008.7	998.7	..	25.0	23.4	22.7	27.4	87	..	4.7	..	3.3	0	0	17	02	2	0	4	2	1	2	4	13	0
	0830	88	1010.6	1000.7	+0.5	28.1	24.3	22.4	27.3	71	- 2	4.0	+0.2	7.3	0	2	24	01	3	2	4	5	3	6	2	4	0
	1130	88	1010.0	1000.2	..	32.0	24.5	20.7	24.6	52	..	4.1	..	9.4	0	2	28	00	3	7	7	5	2	5	1	0	0
	1430	88	1006.5	996.8	..	34.4	24.2	18.8	21.8	41	..	3.9	..	12.0	0	2	28	00	4	8	8	3	3	3	1	0	0
	1730	88	1005.7	995.9	+0.7	33.2	24.0	19.1	22.2	45	+ 3	3.8	-0.4	14.1	0	9	21	01	3	11	11	2	1	0	1	0	0
	2030	88	1008.6	998.7	..	28.8	23.9	21.5	25.6	66	..	3.9	..	17.1	0	14	16	01	2	11	13	2	1	0	0	0	0
	2330	88	1010.0	1000.0	..	26.7	23.7	22.2	26.9	77	..	4.6	..	9.5	0	1	28	01	3	8	10	5	2	0	0	1	0
VEDARANNIYAM	0830	4	1010.8	1010.3	..	29.4	25.7	24.0	30.0	73	..	4.7	..	3.9	0	0	30	02	1	2	11	9	4	0	1	0	0
	1730	4	1007.1	1006.6	..	30.6	26.1	24.2	30.0	69	..	4.5	..	4.1	0	0	30	01	3	6	11	6	3	0	0	0	0
ATIRAMPATTINAM	0830	6	1011.2	1010.5	..	28.7	25.5	24.1	29.8	71	..	2.6	..	7.6	0	2	28	03	5	2	5	7	5	0	3	0	0
	1730	6	1007.8	1007.1	..	30.7	25.7	23.5	28.9	66	..	3.6	..	16.4	0	7	23	01	1	2	13	11	1	0	1	0	0
MADURAI	0830	133	1010.9	995.6	+0.5	27.7	24.9	23.4	29.1	77	+ 9	4.5	-0.1	2.8	0	0	14	02	1	7	0	1	1	0	2	16	0
MADURAI AERODROME	0530	131	1009.1	993.9	..	24.5	23.3	22.7	27.6	89	..	3.2	..	4.1	0	0	16	04	2	3	0	1	1	1	2	14	2
	0830	131	1010.7	996.0	+0.5	28.1	24.6	22.7	27.9	72	+ 0	4.1	-0.3	7.5	0	1	23	04	6	5	1	2	2	1	3	6	0
	1130	131	1009.9	995.4	..	32.4	24.6	20.8	24.6	53	..	4.1	..	10.1	0	1	26	00	4	5	4	8	4	1	1	3	0
	1730	131	1006.0	991.5	+0.4	32.3	24.2	19.9	23.5	50	+ 2	5.2	-0.1	17.7	0	14	14	01	2	4	14	5	0	2	0	2	0
TONDI	0830	5	1011.1	1010.5	+0.6	28.7	25.4	24.0	29.7	77	+ 0	4.2	-1.2	7.9	0	1	29	06	0	6	3	4	2	0	9	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL ,1968 (CHAITRA 12- VAISAKHA 12,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADRAS STATE(INCLUDING PONDICHERRY) (CONTD.)																											
TONDI	1730	5	1007.3	1006.7	+0.6	30.1	26.0	24.3	30.4	71	- 7	5.3	+0.2	13.9	0	5	25	01	2	6	14	5	0	0	0	1	0
PAMBAN	0830	11	1010.2	1008.9	+0.0	28.5	26.5	25.5	30.0	84	+ 7	4.7	+0.7	9.6	0	2	28	00	2	5	12	5	3	1	2	0	0
	1730	11	1006.8	1005.5	+0.1	29.7	26.8	25.6	33.0	79	+ 3	4.4	+0.5	13.1	0	4	26	05	2	1	8	7	4	1	2	0	0
TUTICORIN	0830	4	1010.9	1010.5	+0.6	28.6	25.3	23.7	29.7	75	+ 1	2.9	-0.5	8.0	0	1	29	10	3	1	1	2	4	3	6	0	0
	1730	4	1007.2	1006.8	+0.7	30.2	26.2	24.5	30.7	71	+ 0	4.0	+0.9	16.1	0	8	22	01	0	3	13	11	0	2	0	0	0
PALAYANKOTTAI	0830	51	1010.7	1005.0	+0.7	29.3	25.3	23.4	28.9	71	+ 2	3.7	-0.7	4.8	0	0	25	21	2	1	0	0	1	1	0	5	0
	1730	51	1006.9	1001.2	+0.9	30.5	24.9	22.2	26.9	62	+ 4	5.7	+0.6	8.3	0	0	30	03	0	9	5	11	0	2	0	0	0
KANNIYAKUMARI	0830	37	1010.4	1006.3	..	28.6	24.7	22.9	27.9	71	..	4.1	..	10.7	0	5	24	04	6	2	0	1	1	11	4	1	0
	1730	37	1007.2	1003.1	..	29.8	25.5	23.6	28.9	70	..	4.7	..	15.0	0	9	21	00	3	2	1	3	11	9	1	0	0
PONDICHERRY	0830	6	1010.9	1010.2	..	28.3	25.8	25.0	31.1	80	..	4.6	..	11.8	0	8	20	03	0	1	1	9	5	4	5	2	0
	1730	6	1006.3	1005.9	..	29.1	26.7	25.2	32.1	79	..	3.9	..	28.4	0	26	3	00	0	2	25	2	0	0	0	1	0
PORT NOVA	0830	3	1010.7	1010.4	..	29.4	25.2	23.3	28.6	70	..	5.5	..	7.8	0	0	30	03	2	0	11	7	4	0	3	0	0
TUTICORIN H.P.	0830	3	1010.9	1010.6	..	28.7	25.4	23.9	29.7	75	..	3.5	..	11.4	0	4	25	09	2	1	1	5	5	0	6	1	0
	1130	3	1010.4	1010.1	..	30.8	26.1	24.0	30.0	67	..	2.8	..	14.0	0	5	25	01	6	5	10	4	0	1	0	0	0
	1430	3	1007.5	1007.2	..	31.1	26.6	24.7	31.1	69	..	2.7	..	21.1	0	17	13	01	1	8	13	7	0	0	0	0	0
	1730	3	1006.7	1006.5	..	29.8	26.1	24.5	30.7	73	..	4.1	..	21.3	0	16	13	01	1	4	10	12	1	0	0	1	0
COASTAL MYSORE																											
KARWAR	0830	4	1011.1	1010.5	+0.8	28.1	24.4	22.5	27.4	72	- 4	2.8	-0.5	3.3	0	0	30	03	4	19	0	0	2	0	2	0	0
	1730	4	1007.7	1007.2	+0.9	30.1	25.9	24.0	30.0	71	+ 0	4.1	+0.8	10.1	0	2	28	00	0	1	0	0	2	12	14	0	1
HONAVAR	0830	26	1010.6	1007.9	+0.0	28.5	23.8	22.5	27.1	77	- 1	3.9	-0.5	4.0	0	0	28	00	5	23	0	0	0	0	0	2	0
	1730	26	1007.3	1004.4	-0.1	31.2	25.5	23.2	27.9	64	- 6	4.8	+0.5	7.9	0	0	30	00	0	1	0	0	1	26	1	0	0
MANGALORE(BAJPE)	0230	102	1008.6	997.1	..	26.2	23.8	22.6	27.6	81	..	4.3	..	3.1	0	0	13	01	1	3	1	2	0	1	4	17	0
	0530	102	1008.7	997.3	..	25.1	23.1	22.1	26.6	84	..	4.2	..	3.1	0	1	10	00	4	4	2	0	0	1	0	19	0
	0830	102	1010.7	999.3	+0.2	27.7	24.1	22.1	27.1	69	- 4	3.8	+0.3	3.7	0	0	15	00	2	4	2	1	0	1	0	15	0
	1130	102	1010.2	996.9	..	32.3	25.0	21.6	25.6	53	..	4.3	..	12.3	0	2	25	01	1	0	1	2	7	12	5	3	0
	1430	102	1007.4	996.2	..	32.6	25.3	21.8	26.1	53	..	3.8	..	22.3	0	25	5	00	0	0	0	0	[illegible]	[illegible]	5	0	0
	1730	102	1006.8	995.4	-0.1	30.	24.9	22.3	26.9	62	- 4	4.6	+0.6	19.1	0	13	17	00	0	0	1	0	1	18	11	0	0
	2030	102	1009.2	997.9	..	29.[illegible]	24.5	22.9	27.9	74	..	3.7	..	9.3	0	2	21	00	0	1	1	1	0	11	9	7	0
	2330	102	1010.1	998.6	..	27.2	24.2	22.8	27.9	77	..	4.3	..	5.6	0	0	19	05	1	0	1	1	0	3	8	11	0
MANGALORE	0830	22	1010.7	1008.2	+0.1	28.2	24.3	22.6	27.3	73	+ 0	3.6	-0.4	2.7	0	0	30	01	7	13	5	1	0	1	1	0	0
	1730	22	1007.0	1004.5	-0.1	30.6	25.1	24.1	30.0	67	- 2	3.2	-1.1	5.2	0	0	29	01	0	0	0	0	3	5	12	0	8
MANGALORE H.P.	0830	32	1010.4	1006.8	..	29.[illegible]	24.7	23.2	28.3	75	..	3.4	..	5.0	0	0	27	01	5	10	5	1	0	1	1	3	0
	1130	32	1010.2	1006.6	..	31.6	25.7	23.1	28.3	60	..	3.3	..	11.7	0	0	30	01	1	5	0	1	1	17	7	0	0
	1730	32	1006.7	1003.1	..	30.7	25.9	23.8	29.5	67	..	3.7	..	13.9	0	3	27	02	0	0	0	0	1	9	18	0	0
INTERIOR MYSORE, NORTH																											
BIDAR	0830	664	1009.4	937.1	+0.6	27.3	19.3	14.2	16.5	47	- 2	3.2	+0.6	10.9	0	4	25	01	0	2	3	7	8	5	5	1	0
	1730	664	1003.0	932.5	+0.4	33.5	19.4	9.6	12.2	25	- 6	4.9	+0.2	13.2	0	7	22	[illegible]	5	5	5	1	5	0	5	1	0
GULBARGA	0830	458	1009.5	959.1	+0.5	28.4	19.8	14.3	16.8	45	+ 4	3.4	+1.4	11.0	0	0	21	02	5	5	1	6	2	0	0	7	0
	1730	458	1003.4	954.2	+0.7	35.0	20.2	10.4	12.9	25	+ 3	5.5	+1.6	9.4	0	2	27	01	2	15	0	1	1	0	5	1	0
BIJAPUR	0830	594	1010.0	944.5	+0.2	25.8	19.8	16.4	18.6	58	+ 8	3.2	+1.1	5.3	0	0	26	06	1	3	4	2	2	2	7	4	0
	1730	594	1002.6	939.5	+0.3	35.0	22.1	15.4	16.7	33	+ 8	5.8	+1.6	5.1	0	0	22	04	3	3	6	1	0	1	4	8	0
RAICHUR	0830	400	1009.7	965.6	+0.5	28.3	21.7	15.9	19.0	49	- 5	3.8	+1.6	6.0	0	0	30	01	5	1	15	0	0	0	2	0	0
	1730	400	1003.4	960.1	-0.2	35.9	21.3	10.8	13.4	23	- 7	4.7	+1.2	7.2	0	1	26	03	10	2	13	0	1	0	1	3	0
BELGAUM	0830	753	1009.1	927.6	-0.2	24.[illegible]	19.3	16.0	18.5	61	-11	2.1	+0.3	1.1	0	0	6	01	0	0	0	0	0	0	2	24	0
	1730	753	1004.0	923.9	-0.4	30.5	22.5	18.6	21.3	50	+ 4	3.8	+0.8	4.7	0	0	27	02	0	0	1	3	7	15	1	3	0
BELGAUM(SAMRA)	0530	747	1009.4	926.7	..	28.6	17.9	16.2	18.6	76	..	2.7	..	3.7	0	0	18	00	1	1	2	2	3	7	1	12	0
	0830	747	1010.1	928.5	+0.2	24.6	18.8	15.1	17.5	57	- 5	2.5	+0.0	4.9	0	0	18	02	2	2	1	2	1	6	2	12	0
	1130	747	1007.9	928.3	..	31.9	19.0	9.8	12.5	27	..	1.7	..	10.9	1	29	0	06	13	7	1	1	0	1	1	0	0
	1430	747	1004.3	925.4	..	33.9	19.3	8.6	11.7	23	..	4.0	..	8.7	0	0	27	05	7	4	1	1	0	2	4	3	1
	1730	747	1004.1	924.5	-0.1	30.8	21.4	15.6	18.5	43	- 2	3.9	-0.2	18.8	0	17	13	02	2	1	1	0	3	20	1	0	0
	2030	747	1008.4	927.0	..	22.0	20.5	18.1	20.8	67	..	3.4	..	17.3	0	16	14	01	1	1	1	1	4	15	2	0	0
GADAG	0530	650	1008.9	937.0	..	22.3	17.7	18.2	21.0	79	..	3.2	..	8.3	0	1	24	01	0	1	1	2	13	7	0	5	0
	0830	650	1010.1	938.7	+0.0	24.5	20.8	18.6	21.6	69	- 2	2.1	-0.7	5.7	0	1	25	04	1	5	0	1	7	8	0	4	0
	1130	650	1008.0	938.5	..	33.0	21.9	15.9	18.1	37	..	1.4	..	6.1	0	0	25	05	4	5	1	2	6	1	0	5	1
	1430	650	1004.0	935.3	..	35.6	21.9	14.0	16.2	29	..	3.1	..	6.5	0	0	28	02	5	7	2	2	4	3	1	2	2
	1730	650	1002.9	934.0	+0.0	34.1	21.6	14.3	16.6	33	- 8	4.7	+0.2	4.6	0	0	25	07	5	7	0	2	0	3	1	5	0
	2030	650	1006.9	936.7	..	28.6	21.0	16.8	19.3	51	..	4.3	..	12.2	0	5	24	01	0	6	1	1	8	10	2	1	0
	2330	650	1009.5	938.3	..	24.8	20.7	18.6	21.3	68	..	3.3	..	9.5	0	1	26	00	0	3	2	0	8	14	0	3	0
BIDAR A.F.	0530	665	1008.3	935.1	..	23.8	17.6	12.9	15.6	54	..	3.2	..	10.8	0	2	25	02	0	2	6	7	6	2	2	3	0
	0830	665	1009.5	937.0	..	27.3	18.4	12.0	14.7	42	..	2.7	..	14.9	0	5	24	03	1	2	2	7	7	3	1	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – APRIL ,1968 (CHAITRA 12- VAISAKHA 12,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lt. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
INTERIOR MYSORE NORTH (CONTD.)																											
BIDAR A.F.	1130	665	1008.0	936.8	..	32.6	19.6	10.7	13.3	27	..	2.3	..	13.4	0	6	21	03	3	2	3	9	4	3	0	3	0
	1730	665	1003.5	932.8	..	33.7	18.9	7.5	11.0	23	..	4.0	..	13.8	0	6	19	05	4	4	3	5	2	2	0	5	0
	2330	665	1008.2	935.8	..	27.4	17.8	10.4	13.4	38	..	2.8	..	12.0	0	4	23	02	3	3	7	8	2	2	0	3	0
INTERIOR MYSORE, SOUTH																											
BELLARY	0830	449	1010.5	960.9	+1.3	27.5	22.4	19.7	22.9	63	+10	1.8	-1.0	6.1	0	1	23	00	3	2	9	1	0	2	7	6	0
	1730	449	1004.3	956.3	+1.7	36.2	24.1	17.2	20.1	33	+ 5	6.1	+2.0	8.2	0	1	27	03	6	6	10	1	1	1	0	2	0
CHITRADURGA	0830	733	1010.0	929.8	+0.2	24.4	20.4	18.3	21.0	69	+ 2	1.6	-1.6	5.2	0	0	24	00	0	0	0	0	4	19	1	6	0
	1730	733	1003.3	925.2	+0.1	32.4	21.7	15.4	18.1	40	+10	3.3	-1.0	5.4	0	0	27	02	1	13	0	0	3	8	0	3	0
SHIMOGA	0830	571	..	..	+ ..	..	..	..	..	..	..	3.5	+0.4	1.8	0	0	25	00	1	0	1	1	10	10	2	5	0
	1730	571	..	..	+ .	..	..	..	..	..	..	5.2	+0.2	2.8	0	0	26	01	2	4	1	0	2	15	1	4	0
AGUMBE	0830	1018	..	..	..	24.0	21.2	19.7	23.1	77	..	.	..	4.0	0	0	26	01	12	2	0	4	5	2	0	4	0
BALEHONNUR	0830	907	..	..	..	23.6	20.5	18.8	21.8	75	-12	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
HASSAN	0830	960	1505.5	905.3	-1.1	21.5	19.6	18.6	21.6	84	+ 8	3.3	+0.1	2.9	0	0	19	00	0	0	1	0	11	7	0	11	0
	1730	960	1483.9	902.5	+0.0	29.3	21.2	16.9	19.3	49	+ 2	4.6	-0.9	5.5	0	0	26	01	1	3	3	1	5	9	3	4	0
BANGALORE	0230	921	1509.1	909.7	..	23.1	20.2	19.6	21.6	77	..	2.6	..	5.4	0	0	23	00	0	5	6	4	4	3	1	7	0
	0830	921	1525.0	911.2	+0.9	24.0	20.7	18.9	22.1	73	+ 3	3.2	-0.4	3.1	0	0	19	00	0	2	1	3	8	4	1	11	0
	1130	921	1534.4	911.0	..	29.5	21.6	17.5	20.0	49	..	4.1	..	5.0	0	0	26	00	0	3	7	2	7	4	3	4	0
	1430	921	1519.2	908.6	..	32.4	21.2	15.1	16.9	37	..	5.3	..	5.0	0	0	25	04	0	7	7	3	2	1	0	5	1
	1730	921	1503.1	907.6	+1.4	30.3	20.3	14.4	16.5	40	+ 6	5.2	+0.2	4.9	0	0	22	03	1	10	8	0	0	0	0	8	0
	2030	921	1514.1	909.5	..	26.3	19.6	15.5	17.8	52	..	3.3	..	5.5	0	2	19	00	1	9	8	3	0	0	0	9	0
BANGALORE AERODROME	0530	897	1494.2	911.1	..	21.4	19.7	18.7	21.7	85	..	3.3	..	6.0	0	0	24	00	1	5	6	0	6	6	0	6	0
	0830	897	1517.2	913.0	+0.2	23.9	20.7	19.1	22.1	74	+ 5	3.6	-0.3	10.7	0	1	28	00	0	0	5	5	9	9	1	1	0
	1130	897	1523.7	912.6	..	28.8	21.2	17.0	19.6	50	..	3.5	..	11.3	0	3	27	01	1	6	5	3	5	7	2	0	0
	1730	897	1491.3	908.9	+0.2	30.2	20.7	15.0	17.5	42	+ 6	5.1	-0.2	12.9	0	3	27	04	3	9	12	0	0	1	1	0	0
	2330	897	1510.1	912.1	..	24.5	20.2	17.8	20.5	67	..	3.4	..	10.4	0	3	26	00	0	5	17	2	5	0	0	1	0
MYSORE	0830	767	1010.6	926.7	+0.3	23.8	20.4	18.7	21.4	74	- 1	2.9	-0.8	6.5	0	0	30	03	0	4	1	5	4	12	1	0	0
	1730	767	1003.7	922.2	-0.1	31.0	20.0	13.6	15.4	38	+ 4	5.0	-0.1	9.1	0	1	29	09	0	6	0	9	2	4	0	0	0
YALANKA A.F.	0530	932	1494.1	907.9	..	20.9	19.4	18.5	21.4	86	..	3.3	..	11.7	0	0	28	00	0	4	7	8	6	3	0	2	0
	0830	932	1516.2	909.6	..	24.0	20.5	18.6	21.6	72	..	3.7	..	14.9	0	6	24	00	0	0	5	9	6	9	1	0	0
	1130	932	1526.0	909.4	..	29.6	21.0	16.3	18.5	45	..	4.0	..	15.2	0	6	23	05	1	2	5	5	4	4	3	1	0
	1730	932	1492.0	905.7	..	30.4	19.7	12.9	15.1	36	..	5.2	..	16.0	0	6	23	07	0	8	8	4	0	2	0	1	0
	2330	932	1511.5	908.9	..	24.3	19.4	16.1	18.9	63	..	4.1	..	16.3	0	6	23	00	1	3	16	4	3	1	1	1	0
KERALA																											
CALICUT	0530	5	1008.9	1008.3	..	25.5	24.2	23.6	29.3	89	..	3.5	..	2.6	0	0	16	00	0	11	0	0	0	3	2	14	0
	0830	5	1010.8	1010.2	+0.3	28.5	25.2	23.8	29.3	76	+ 1	2.5	-1.8	1.5	0	0	12	01	4	6	0	0	0	0	1	18	0
	1130	5	1010.6	1010.0	..	30.7	26.2	24.1	30.2	69	..	3.0	..	5.5	0	0	29	01	0	1	0	0	0	25	2	1	0
	1430	5	1008.5	1007.9	..	32.1	26.9	24.7	31.1	65	..	3.0	..	5.1	0	0	30	02	0	3	0	7	2	15	1	0	0
	1730	5	1007.5	1006.9	+0.4	30.4	26.3	24.6	30.7	72	+ 1	4.3	-0.5	4.9	0	0	30	00	1	1	0	0	0	20	8	0	0
	2330	5	1010.1	1009.5	..	26.6	24.8	24.0	29.8	86	..	4.1	..	6.0	0	0	28	08	0	6	0	4	1	8	1	2	0
PALGHAT	0830	97	1010.1	999.1	-0.4	27.7	24.6	23.1	28.3	77	+ 0	4.9	+0.8	7.0	0	0	27	01	0	8	1	0	2	15	0	3	0
	1730	97	1006.2	995.5	+0.5	31.8	25.4	22.4	27.3	59	+ 0	6.3	+0.9	12.1	0	0	30	00	1	2	0	0	5	20	2	0	0
FORT COCHIN	0830	3	1011.0	1010.7	+0.4	29.4	25.9	24.5	30.4	75	+ 0	6.3	+1.1	4.5	0	0	26	02	10	4	1	0	0	5	4	4	0
	1730	3	1007.1	1006.8	+0.0	29.5	26.5	25.2	32.2	76	+ 2	6.5	+1.2	11.2	0	1	28	01	0	1	0	0	2	15	10	1	0
COCHIN(NAVAL AIR STATION)	0230	3	1008.9	1008.6	..	26.2	24.5	23.7	29.3	87	..	5.5	..	1.8	0	0	9	01	2	6	0	0	0	0	0	21	0
	0530	3	1008.8	1008.5	..	25.6	24.1	23.4	28.9	88	..	5.1	..	1.4	0	0	9	00	4	5	0	0	0	0	0	21	0
	0830	3	1010.8	1010.5	..	28.3	25.3	23.9	29.8	77	..	4.4	..	5.5	0	0	28	03	6	12	6	1	0	0	0	2	0
	1130	3	1010.7	1010.4	..	31.0	26.1	23.9	29.7	66	..	4.6	..	9.8	0	0	28	02	0	0	1	0	8	10	7	2	0
	1730	3	1007.1	1006.8	..	30.2	26.0	24.2	30.2	71	..	5.2	..	14.6	0	1	29	00	0	1	0	1	6	13	9	0	0
	2330	3	1010.4	1010.1	..	26.7	24.6	23.6	29.3	83	..	5.7	..	6.1	0	0	19	00	0	8	2	2	2	0	5	11	0
ALLEPPEY	0830	4	1011.1	1010.7	+1.0	28.8	25.9	24.6	31.1	79	+ 1	3.5	-1.8	4.4	0	0	28	01	12	5	9	0	0	0	1	2	0
	1730	4	1007.9	1007.5	+1.2	30.7	26.4	24.5	30.7	71	- 2	4.5	-1.4	19.0	0	30	0	01	0	0	0	0	0	10	19	0	0
PUNALUR	0830	34	1010.9	1007.1	+0.8	27.3	24.8	23.7	29.3	81	- 3	3.6	-0.6	0.2	0	0	1	00	0	0	0	0	0	0	1	29	0
	1730	34	1007.4	1003.6	+0.7	30.6	25.7	23.9	28.9	71	+ 3	7.7	+1.7	3.8	0	0	19	00	0	2	2	1	7	6	1	11	0
TRIVANDRUM	0230	64	1008.8	1001.5	..	25.3	24.2	23.6	29.3	90	..	3.4	..	2.2	0	0	10	03	5	1	0	0	0	0	1	20	0
	0530	64	1009.0	1001.6	..	24.7	23.9	23.4	28.9	92	..	3.5	..	5.8	0	0	28	05	17	2	0	0	0	0	4	2	0
	0830	64	1010.9	1003.6	+0.4	27.0	25.0	24.1	30.0	84	+ 3	4.3	+0.3	3.7	0	0	22	03	12	2	0	0	0	0	5	8	0
	1130	64	1010.3	1003.1	..	30.9	25.5	23.1	28.3	64	..	5.0	..	9.8	0	0	30	02	3	0	0	1	5	8	11	0	0
	1430	64	1007.6	1000.4	..	30.9	25.8	23.5	28.9	65	..	5.0	..	13.8	0	3	27	00	0	1	0	0	9	11	9	0	0
	1730	64	1007.6	1000.4	+0.5	28.7	25.3	23.8	29.5	75	+ 2	6.0	+0.3	12.1	0	4	26	03	6	1	1	1	6	4	8	0	0
	2030	64	1009.7	1002.4	..	25.9	24.2	23.4	28.9	86	..	4.4	..	6.7	0	1	24	02	4	3	3	0	3	4	6	5	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – APRIL 1968 (CHAITRA 12– VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 42 or more	20 to 41	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
KERALA																											
TRIVANDRUM AERODROME	2330	64	1010.4	1003.1	..	25.9	24.5	23.8	29.7	88	..	3.9	..	7.1	0	0	26	05	9	3	0	0	0	1	8	4	0
	0830	8	1011.2	1010.3	+1.0	28.5	25.0	23.4	28.9	74	- 1	5.2	+0.8	9.4	0	3	22	11	9	1	0	0	0	0	4	5	0
ARABIAN SEA ISLANDS																											
AMINI	0530	4	1008.3	1007.9	..	27.2	25.0	24.0	29.8	83	..	3.2	..	9.6	0	3	20	10	1	0	0	0	0	2	10	7	0
	0830	4	1010.4	1010.0	-0.2	28.8	25.5	24.1	30.0	76	+ 3	3.5	-0.1	10.3	0	5	21	12	1	0	0	0	0	3	9	4	1
	1130	4	1010.7	1010.3	..	30.9	26.3	24.3	30.4	68	..	3.5	..	12.2	0	2	28	16	2	0	0	1	0	3	8	0	0
	1730	4	1007.2	1006.8	..	30.3	26.3	24.4	30.9	71	..	3.2	..	15.3	0	9	18	06	0	1	0	0	0	4	16	3	0
	2330	4	1009.7	1009.3	..	28.0	25.4	24.3	30.4	81	..	2.0	..	15.3	0	12	13	05	0	0	0	0	0	8	12	5	0
AGATTI	0830	4	1010.7	1010.3	..	28.1	25.4	24.2	30.4	80	..	4.0	..	5.7	0	0	27	14	0	1	0	0	0	1	11	2	0
	1730	4	1008.6	1008.0	..	30.0	25.8	24.0	29.8	70	..	4.0	..	6.0	0	0	30	07	1	1	0	0	0	2	19	0	0
ANDROTH	0830	5	1011.2	1010.7	..	28.4	25.6	24.3	30.5	78	..	5.4	..	2.1	0	0	22	02	6	0	0	0	1	0	6	8	7
	1730	5	1005.7	1005.2	..	30.6	26.2	24.3	30.4	69	..	5.2	..	3.2	0	0	23	05	2	0	0	0	0	0	4	7	12
MINICOY	0530	2	1008.9	1008.7	..	26.1	24.1	23.2	28.4	84	..	4.1	..	2.3	0	0	11	03	1	0	0	0	0	2	5	19	0
	0830	2	1011.1	1010.9	+0.4	28.6	25.3	23.9	29.7	76	+ 1	4.5	+0.2	3.1	0	0	18	06	3	1	1	0	1	1	5	12	0
	1130	2	1011.4	1011.2	..	30.2	25.8	23.9	29.7	69	..	4.9	..	5.3	0	0	26	06	4	3	2	1	0	1	9	4	0
	1430	2	1009.0	1008.8	..	30.4	25.8	23.9	29.5	69	..	4.9	..	5.4	0	1	25	07	3	3	1	0	1	1	10	4	0
	1730	2	1008.2	1008.0	+0.4	29.6	25.5	23.7	29.3	71	- 3	4.9	+0.3	4.3	0	0	22	08	2	2	0	0	0	3	7	8	0
	2030	2	1009.8	1009.6	..	27.5	24.7	23.4	28.8	79	..	3.0	..	3.4	0	0	17	04	1	1	0	1	0	1	9	13	0
	2330	2	1010.6	1010.4	..	26.9	24.4	23.2	28.6	81	..	3.8	..	4.3	0	0	19	02	0	2	0	1	1	3	10	11	0
HILL STATIONS (EXCLUDING KASHMIR)																											
DALHOUSIE	0830		(R)																								
	1730		(R)																								
DHARMASALA	0830	1211	1532.8	882.5	-0.2	22.5	14.1	7.1	10.1	38	- 1	2.5	+0.0	0.8	0	0	20	02	12	1	4	1	0	0	0	10	0
	1730	1211	1522.7	881.3	-0.1	24.5	15.5	8.5	11.1	39	+ 7	4.0	+0.5	1.3	0	0	29	00	3	0	3	1	20	2	0	1	0
BHUNTAR	0830	1096	1508.1	892.7	..	14.3	11.3	8.7	11.2	70	..	2.5	..	2.8	0	0	19	10	2	2	2	1	0	1	1	11	0
	1130	1096	1502.5	891.0	..	21.[illegible]	14.2	8.3	11.0	44	..	3.2	..	4.3	0	1	27	03	4	6	7	7	0	0	1	2	0
	1730	1096	1475.6	887.9	..	24.2	15.4	8.3	10.9	38	..	4.6	..	15.4	0	5	21	01	3	2	2	4	6	2	6	4	0
SIMLA	0830	2202	1489.1	782.4	+0.6	1[illegible].0	8.0	- 1.5	5.4	31	- 1	2.1	-0.3	1.6	0	0	24	00	3	0	9	0	12	0	0	6	0
	1730	2202	1472.2	781.0	+0.4	16.9	9.7	2.6	4.9	40	+ 3	3.9	+0.2	2.0	0	0	30	01	5	0	7	1	11	3	2	0	0
GHANGARIA (KANJALIA TOK)	0830		(R)																								
BADRINATH	0830		(R)																								
JOSHIMATH	0830		..	..	..	15.1	9.4	5.0	8.7	49	+ 6	1.3	-0.7	7.6	0	0	30	00	1	26	2	0	0	1	0	0	0
	1730		..	..	..	18.9	11.3	4.8	8.6	41	+ 3	3.9	-2.1	5.6	0	0	30	01	7	3	4	2	4	4	5	0	0
MUSSOORIE	0830	2042	1483.9	796.5	-1.1	15.9	9.2	2.3	7.2	41	- 3	2.2	+0.0	1.1	0	0	11	03	1	0	2	2	1	0	2	19	0
	1730	2042	1462.5	794.9	-1.6	17.7	10.4	3.6	7.9	41	- 5	4.8	+1.2	3.5	0	0	23	05	5	0	4	6	2	0	1	7	0
MUKTESWAR (KUMAUN)	0830	2311	3149.5	773.8	+1.3	14.7	8.0	0.4	6.3	40	+ 3	2.4	+0.7	3.0	0	0	21	00	3	4	1	2	6	4	1	9	0
	1730	2311	3135.8	772.2	+1.2	16.7	10.0	4.1	8.2	46	+ 7	4.2	+1.3	6.1	0	0	25	00	1	1	0	0	7	11	5	5	0
NAINITAL	0830		1490.2	805.8	+0.9	16.6	11.0	6.2	9.5	50	+14	2.3	+0.4	5.4	0	0	20	02	4	6	6	0	0	1	1	10	0
	1730		1473.3	804.0	+0.6	17.4	11.6	6.6	9.7	50	+13	3.0	+1.0	9.1	0	0	30	04	0	1	1	2	2	19	1	0	0
KALIMPONG	0830	1209	1531.2	882.4	+3.8	21.6	16.5	13.1	15.1	59	-13	1.0	-1.3	6.5	0	0	30	00	0	0	1	0	0	0	29	0	0
	1730	1209	1503.2	879.4	+4.0	22.3	17.0	13.5	15.6	58	-14	1.1	-2.4	6.4	0	0	30	00	1	0	29	0	0	0	0	0	0
DARJEELING	0830	2128	1511.8	791.3	+0.0	15.7	12.5	10.2	12.4	71	+ 3	4.1	+0.0	0.3	0	0	1	00	0	0	0	0	1	0	0	29	0
	1730	2128	1486.2	788.6	-0.2	14.2	11.5	9.5	11.9	73	+ 2	5.7	+0.2	5.3	0	0	23	00	0	1	0	0	16	2	0	7	4
KOHIMA	0830	1406	(R)																								
	1730	1406	(R)																								
SHILLONG (C.S.O.)	0830	1598	1502.6	840.9	+2.0	18.8	14.2	11.1	13.2	62	+11	3.5	+0.2	6.1	0	0	27	01	1	0	2	3	9	8	3	3	0
	1730	1598	1474.1	838.1	+2.0	18.1	14.6	12.3	14.3	70	+10	4.5	+0.0	3.9	0	1	20	00	0	0	3	2	7	6	3	9	0
CHERRAPUNJI	0830	1313	1531.2	872.0	+3.2	18.7	16.4	14.9	16.9	81	+ 6	3.8	-1.0	5.7	0	0	30	00	7	0	0	0	22	0	1	0	0
	1730	1313	1515.7	870.4	+4.3	18.8	16.6	15.5	17.6	83	+ 5	3.0	-1.1	5.6	0	0	30	00	1	0	0	0	24	0	1	0	0
ABU	0830		1516.1	881.9	+0.4	24.3	12.4	- 0.5	5.9	21	- 8	1.0	-0.1	1.1	0	0	8	00	0	0	0	0	0	3	4	1	22	0
	1730		1508.3	880.5	+1.0	27.8	14.0	- 1.1	5.6	16	- 8	0.9	-0.7	1.1	0	0	7	00	0	0	0	0	3	3	1	23	0
AJAL	0830		(R)																								
	1730		(R)																								
PACHMARHI	0830	1075	1518.3	894.3	+0.1	25.5	15.0	5.7	9.4	30	+ 1	2.5	+0.1	2.7	0	0	23	02	3	0	1	3	6	0	8	7	0
	1730	1075	1495.4	891.4	+0.6	25.4	16.3	4.4	9.0	23	+ 1	4.7	+1.2	3.3	0	0	28	06	2	0	0	0	1	3	16	2	0
MAHABALESHWAR	0830	1382	1519.1	863.8	+0.2	22.2	14.6	7.9	10.7	42	+ 3	0.2	-1.7	11.4	0	0	30	00	26	0	1	0	0	0	3	0	0
	1730	1382	1502.0	861.9	+0.5	26.5	19.9	15.2	17.3	51	- 4	1.2	-1.1	10.5	0	0	30	00	6	0	0	0	0	0	24	0	0
MERCARA	0830	1152	1515.8	886.7	+0.6	21.1	15.4	16.6	19.0	78	- 4	3.8	+0.5	4.5	0	0	24	05	5	1	0	1	0	0	9	6	3
	1730	1152	1488.2	883.4	+0.0	24.9	20.9	19.0	21.8	71	+ 0	5.9	+1.5	11.5	0	0	30	01	2	0	0	1	2	7	15	0	2
OOTACAMUND	0830	2249	1519.9	781.0	+0.5	15.0	12.3	10.1	12.5	74	+ 3	2.2	-0.7	0.7	0	0	9	03	1	4	0	1	0	0	0	21	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – APRIL 1968 (CHAITRA 12- VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lt. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HILL STATION (EXCLUDING KASHMIR)																											
OOTACAMUND	1730	2249	1486.1	778.5	-0.3	17.5	14.1	11.8	13.9	70	+ 2	5.2	-0.1	1.0	0	0	13	00	2	11	0	0	0	0	0	17	0
COONOOR	0830		..	..	..	20.3	16.0	13.4	15.5	66	+ 1	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
KODAIKANAL	0830	2343	3166.8	772.4	+0.1	15.4	12.1	9.4	12.0	70	+ 7	3.3	-0.1	8.5	0	0	30	07	10	4	6	1	0	0	2	0	0
	1130	2343	3177.7	772.7	..	18.1	13.7	10.5	12.9	62	..	4.9	..	8.7	0	0	30	04	9	3	7	2	0	0	5	0	0
	1730	2343	3146.5	770.5	-0.1	15.3	13.3	11.9	13.9	81	+ 3	6.3	+0.7	6.3	0	0	25	05	5	0	9	4	1	0	1	5	0
NEPAL																											
KATMANDU	0830	1324	1502.8	868.2	-0.3	16.7	13.2	10.3	12.8	67	+ 5	2.1	-0.3	1.1	0	0	2	01	0	0	0	1	0	0	0	28	0
	1130	1324	1498.4	867.2	..	25.6	15.4	6.7	10.3	32	..	2.8	..	1.9	0	0	19	03	0	3	2	4	2	3	2	11	0
	1730	1324	1472.5	864.8	-0.6	22.6	15.0	8.5	11.6	43	- 6	4.0	-0.2	3.1	0	0	19	04	0	1	0	5	1	7	1	11	0
SIKKIM																											
LACHEN	0830		..	..	..	9.8	6.7	3.5	7.9	66	- 5	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
HYDROMETEIROLOGICAL OBSERVATORIES	1730		..	..	..	8.8	7.0	5.2	8.8	80	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
DAMODAR CATCHMENT																											
TILAIYA	0830		..	..	..	29.5	19.0	11.3	13.4	33	..	2.5	..	6.0	0	1	25	00	1	4	2	3	5	7	4	4	0
	1730		..	..	..	33.5	19.3	8.2	10.9	21	..	3.5	..	10.5	0	2	26	01	2	4	1	0	0	8	12	2	0
HAZARIBAGH	0830	615	1007.9	940.9	..	28.3	20.9	16.9	19.3	51	..	2.3	..	7.4	0	0	27	00	0	1	1	1	10	11	3	3	0
	1730	615	1003.5	937.3	..	30.3	21.7	17.2	19.6	45	..	3.7	..	7.7	0	0	27	01	0	1	2	0	5	4	14	3	0
KONAR	0830		(R)																								
	1730		(R)																								
BOKARO	0830	242	1007.5	980.7	..	29.3	20.0	13.9	15.9	39	..	1.5	..	4.9	0	0	30	00	0	3	3	1	8	10	5	0	0
	1730	242	1002.3	975.9	..	34.6	22.2	14.6	16.6	30	..	1.9	..	4.5	0	0	29	00	0	2	3	1	6	11	6	1	0
MAITHON	0830		..	..	..	31.5	19.0	9.4	11.8	25	..	2.4	..	3.3	0	0	30	00	3	0	6	0	16	0	5	0	0
	1730		..	..	..	35.1	21.0	11.3	13.4	23	..	2.9	..	3.4	0	0	30	00	4	0	9	0	14	0	3	0	0
RAMGARH	0830		..	..	..	30.1	19.0	10.8	12.9	31	..	3.1	..	5.1	0	0	29	04	0	1	2	1	3	13	5	1	0
	1730		..	..	..	33.6	20.5	11.3	13.4	25	..	4.3	..	4.9	0	0	28	04	1	2	0	4	1	12	3	2	1
PANCHET HILLS	0830		..	..	..	30.4	21.0	15.1	18.3	40	..	2.5	..	1.0	0	0	10	00	3	0	2	0	4	0	1	15	0
	1730		..	..	..	34.9	20.6	10.4	12.6	23	..	3.2	..	1.4	0	0	11	00	2	0	1	0	2	0	6	13	8
DURGAPUR	0830		..	..	..	30.2	22.3	17.9	20.5	48	..	0.0	..	11.0	0	6	24	08	2	0	1	11	5	0	3	0	0
	1730		..	..	..	35.0	22.3	14.5	16.5	30	..	0.5	..	11.2	0	6	23	05	1	1	2	11	1	0	8	1	0
MAHANADI CATCHMENT																											
GINABAHAR	0830		..	..	..	27.9	18.7	12.5	14.9	40	..	1.7	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
HIRAKUD	0830	159	1009.4	991.6	..	29.6	21.8	17.3	19.7	48	..	2.5	..	0.9	0	0	7	00	0	0	0	3	3	0	0	23	1
	1130	159	1008.3	990.8	..	34.2	22.6	15.5	17.6	34	..	2.6	..	1.8	0	0	17	04	0	0	0	1	4	4	2	13	2
	1730	159	1004.0	996.7	..	35.3	22.2	14.1	16.1	29	..	3.2	..	1.4	0	0	9	00	0	0	5	2	0	1	1	21	0
BHIMKUND	0830		..	..	..	27.9	21.6	17.6	20.1	55	..	2.6	..	1.8	0	0	10	00	0	0	3	0	2	0	5	20	0
	1730		..	..	..	32.5	20.7	12.5	14.5	32	..	4.1	..	2.5	0	0	14	00	0	0	6	0	5	0	3	16	0
SONEPUR	0830		(R)																								
KHIJRAWAN	0830		..	..	..	28.2	20.3	15.0	17.4	45	..	2.5	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	32.6	20.3	10.8	13.7	30	..	3.6	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
NARMADA CATCHMENT																											
BAGRA TAWA	0830		..	..	..	28.8	16.9	5.3	9.6	25	..	2.5	..	9.7	0	0	26	03	0	5	1	6	7	3	1	4	0
	1730		..	..	..	36.4	18.8	1.1	7.4	13	..	3.5	..	8.5	0	0	26	05	1	2	3	0	3	10	2	4	0
PUNASA	0830		..	..	..	30.7	18.7	8.7	11.9	24	..	.	..	2.9	0	0	30	00	8	0	0	0	20	0	2	0	0
	1730		..	..	..	37.9	24.3	16.1	14.3	30	..	.	..	2.3	0	0	30	00	9	0	0	0	19	0	2	0	0
THIKRI	0830		..	..	..	34.7	22.4	14.9	17.0	31	..	0.9	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
SABARMATI CATCHMENT																											
DAROI	0830		..	..	..	27.6	17.8	9.6	11.9	34	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	36.6	20.3	7.5	10.4	18	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GANDAK CATCHMENT																											
JAMOSOM	0830		..	..	..	12.5	6.6	0.5	6.5	45	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	12.9	8.0	3.7	8.1	55	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
KHUDI BAZAR	0830		..	..	..	21.4	14.8	9.6	12.1	46	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	23.7	16.2	10.7	13.2	44	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TIMURE	0830		..	..	..	17.2	10.0	3.1	7.9	40	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	20.6	12.1	4.7	8.9	38	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
POKHARA	0830		..	..	..	23.1	16.0	10.6	13.1	47	..	2.1	..	3.3	0	0	24	07	0	0	7	3	1	0	4	6	2
	1130		..	..	..	27.2	17.1	9.5	12.3	34	..	1.6	..	3.8	0	0	27	00	0	4	16	5	2	0	0	3	0
	1730		..	..	..	26.4	16.7	9.2	12.2	37	..	4.6	..	5.5	0	0	26	02	2	7	9	4	0	0	2	4	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – APRIL 1968 (CHAITRA 12– VAISAKHA 12, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gram. of normal standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	28 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
GANDAK CATCHMENT																											
GORKHA	0830		..	..	..	21.7	14.7	8.8	11.7	45	..	2.1	..	..	.	..	..	00	1	3	7	2	1	2	0	14	0
	1130		..	..	..	25.7	16.5	9.3	12.1	37	..	2.2	..	..	.	..	..	00	2	0	8	5	7	6	2	0	0
	1730		..	..	..	25.0	15.4	6.9	10.5	33	..	4.1	..	..	.	..	..	00	1	0	15	3	5	1	3	2	0
NUWAKOT	0830		..	..	..	22.3	15.0	8.9	12.0	46	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	26.1	17.0	9.3	13.2	39	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)																											
DAILEKH	0830		..	..	..	19.9	13.1	6.9	10.3	45	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	23.5	14.4	5.6	9.5	33	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GHAGHARA CATCHMENT																											
SALLYANA	0830		..	..	..	20.9	13.0	5.6	9.4	39	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	22.6	13.2	3.9	8.5	32	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BUTWAL	0830		..	..	..	29.1	18.2	9.2	12.1	30	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	34.0	19.5	7.3	11.0	21	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BAGHMATI CATCHMENT																											
KATMANDU	0830																										
	1130			SEE UNDER NEPAL																							
	1730																										
KOSI CATCHMENT																											
CHAUTARA	0830		..	..	..	19.5	12.4	6.3	10.0	45	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	24.3	13.2	3.2	8.1	29	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
WALUNGCHUNG GOLA	0830		..	..	..	8.9	4.3	1.4	5.8	52	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	6.8	4.8	2.7	7.5	76	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TAPLETHOK	0830		..	..	..	18.2	13.4	9.5	12.1	57	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	20.2	13.8	8.2	11.3	48	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BHOJPUR	0830		..	..	..	19.3	13.0	7.7	11.1	50	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	19.1	12.9	7.6	11.0	51	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TAPLEJUNG	0830		..	..	..	17.3	12.2	8.0	11.1	56	..	3.4	..	1.4	0	0	17	04	1	0	1	2	0	4	5	13	0
	1130		..	..	..	20.7	13.4	7.5	10.8	45	..	4.8	..	5.9	0	0	30	03	0	2	4	6	1	9	1	0	4
	1730		..	..	..	18.3	12.8	8.4	11.4	54	..	6.1	..	10.7	0	4	23	01	1	2	14	8	0	0	0	3	1
OKHALDHUNGA	0830		..	..	..	18.3	12.2	6.9	10.4	50	..	1.3	..	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	1130		..	..	..	21.0	12.5	4.5	9.1	37	..	1.4	..	4.4	0	1	11	01	0	0	0	6	0	5	0	17	0
	1730		..	..	..	18.3	11.9	6.0	9.9	48	..	3.4	..	4.1	0	0	16	00	0	0	0	7	0	7	2	14	0
CHAINPUR	0830		..	..	..	21.2	15.5	11.2	13.6	54	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	22.7	15.5	10.2	12.5	46	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BARAHAKSHETRA	0830	146	1009.9	993.4	..	26.7	19.0	13.1	16.1	46	..	2.0	..	1.5	0	0	22	02	1	0	1	0	4	11	[illegible]	[illegible]	0
	1130	146	1008.1	991.9	..	31.9	21.5	14.6	17.4	37	..	2.5	..	3.7	0	0	28	00	0	0	0	0	11	[illegible]	[illegible]	[illegible]	0
	1730	146	1004.1	998.0	..	32.1	20.4	11.4	14.7	31	..	2.7	..	1.7	0	0	19	00	0	1	2	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TISTA CATCHMENT																											
GANGTOK	0830	1812	1503.7	820.0	..	15.3	12.4	10.2	12.7	73	..	4.4	..	1.3	0	0	10	03	3	0	0	0	2	2	0	20	0
	1130	1812	1493.6	819.5	..	19.4	14.3	10.7	13.2	60	..	4.7	..	5.9	0	0	26	01	0	0	0	6	18	0	1	4	0
	1730	1812	1472.3	817.2	..	16.7	13.8	11.6	14.0	72	..	6.9	..	4.1	0	0	18	02	3	0	3	10	0	0	0	12	0
GEZING	0830		(R)																								
	1730		(R)																								

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GOVERNMENT OF INDIA

मौसम विज्ञान विभाग

METEOROLOGICAL DEPARTMENT

भारतीय मौसम पुनरीक्षण

INDIA WEATHER REVIEW

1968

मासिक मौसम रिपोर्ट

MONTHLY WEATHER REPORT

मई

MAY

भारत सरकार के प्राधिकार द्वारा वेधशालाओं के महानिदेशक के निदेशाधीन प्रकाशित
Published by the Authority of the Government of India Under the Direction of the Director General of Observatories

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INDIA WEATHER REVIEW, 1968

Monthly Weather Report

MAY

MONTHLY WEATHER REPORT

FOR

MAY 1968

C O N T E N T S

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MEANINGS OF SYMBOLS AND ABBREVIATIONS IN TABLES II AND III

Symbol/Abbreviation	Meaning
(a)	Mean/total for 30 days
(b)	Mean/total for 29 days
(c)	Mean/total for 28 days
(d)	Mean/total for 27 days
(e)	Mean/total for 26 days
(f)	Mean/total for 25 days
(g)	Mean/total for 24 days
(h)	Mean/total for 23 days
(i)	Mean/total for 22 days
(j)	Mean/total for 21 days
(k)	Mean/total for 20 days
(l)	Mean/total for 19 days
(m)	Mean/total for 18 days
(n)	Mean/total for 17 days
(o)	Mean/total for 16 days
(p)	Mean/total for 15 days
(q)	Mean/total for 14 days
*	Closed during winter months
(R)	Register not received, hence data not available.
#	Data for less than 15 days, hence no means published
ds	Days
@	Data rejected
D.N.	Data not available
E	Estimated
H	Provisional height.

INDIA WEATHER REVIEW, 1968
Monthly Weather Report
MAY

Published by the Authority of the Government of India

Chief features :-

1) Movement of nine western disturbances, most of them being feeble

2) Formation and movement of a severe cyclonic storm from the Bay of Bengal into Burma causing serious havoc over Arakan Coast.

3) Heavy thundershower activity over Assam during the second fortnight leading to floods.

4) A spell of abnormally low temperatures over northwest India, Gujarat State, the central parts of the country and northwest Peninsula in the first week.

5) Moderate to severe heat wave in Bihar State and adjoining West Bengal and east Uttar Pradesh during the last week, and

6) Advance of the southwest monsoon into the Andaman Sea and the southern parts of the Bay of Bengal by the end of the first week.

Nine western disturbances affected the northwestern parts of the country during the month; but most of them were feeble and caused only light to moderate precipitation. These western disturbances moved across northwest India during the first ten days of the month affecting the weather over the Western Himalayas. The other six western disturbances moved across northwest India in quick succession during the second fortnight causing light to moderate precipitation there. The details of the movement and activity of the various western disturbances are given in the accompanying statement.

The trough in the upper tropospheric westerlies extending from Bihar State to coastal Andhra Pradesh at the end of last month moved away eastwards across Assam by 4th. A low pressure area developed over Bihar Plateau on 5th. It moved away eastwards across Assam by 7th. In association with them there was good thundershower activity over Assam and Sub-Himalayan West Bengal during the first week. The other parts of northeast India also received a few showers in the early part of the week. Silchar recorded 5 cm of rain on 3rd, Mohanbari, Dhubri, North Lakhimpur and Pasighat 5 cm each on 6th and North Lakhimpur 9 cm on 7th. Later the thundershower activity decreased considerably over the area.

The southwest monsoon advanced into the south Andaman Sea and adjoining southeast Bay of Bengal by 5th. A well marked low pressure area developed over the Andaman Sea on 6th and concentrated into a depression by the morning of 7th centred near Lat. 14.0°N and Long. 95.5°E. Moving slowly northwestwards it intensified into a severe cyclonic storm by the next morning centred near Lat. 15.5°N and Long. 94.0°E. It continued to move in a northwesterly direction till 9th morning when it was centred near Lat. 18.0°N Long. 92.0°E. Thereafter, it began to recurve northeastwards. It crossed the Arakan coast near Akyab in the early morning of 10th and weakening rapidly moved away northeastwards. Under its influence, the monsoon advanced into the north Andaman Sea, the southeast Bay and the southern parts of the southwest Bay by 8th. It also caused widespread rain in the Bay Islands with a few heavy falls. Long Island recorded 7 cm of rain on 5th, Port Blair 8 cm on 6th and 7 cm on 7th and Maya Bandar and Hut Bay 7 cm each on 6th. The rainfall over the Bay Islands decreased considerably after 10th and later the monsoon became weak over the Andaman Sea and the southern parts of the Bay. The seasonal thundershower activity also increased over Assam in the later half of the second week. According to press reports, the severe cyclonic storm with the tidal waters accompanying it took a toll of over 1,000 lives besides causing severe destruction in the southwest coast of Burma. The full force of the cyclone hit the coastal city of Akyab, 90 percent of which was completely destroyed. The Greek freighter, Geros Micharos, was also reported to have sunk in the open sea.

A low pressure area appeared over northeast Madhya Pradesh and adjoining Bihar State and Uttar Pradesh on 14th and persisted till the end of the third week. In association with it there was fairly good thundershower activity over northeast India and east Madhya Pradesh with a number of heavy falls in Assam. The upper air trough extending from Assam to Bihar State was well marked on most of the days during the last week and the pronounced thundershower activity over Assam continued during this period. Some

of the heavy rainfalls recorded were : Sriniketan 7 cm on 16th, Tura 7 cm on 18th, North Lakhimpur 7 cm on 24th, Sibsagar and North Lakhimpur 7 cm each on 27th, Rangiya 18 cm, Pasighat 10 cm and Sibsagar and Majbat 8 cm each on 29th and Tangla 9 cm, Tezpur 8 cm and Silchar 7 cm on 30th. According to press reports, the Brahmaputra and other rivers in Assam began to rise in spate at the beginning of the last week and caused serious floods later. About one lakh of people were affected by the floods in Lakhimpur district of Assam. The flood waters were also reported to have eroded over 1000 feet of the Dikrong river embankment inundating nearby areas and rendering many homeless.

The seasonal trough of low pressure over the Peninsula was well marked till 4th. Consequently there was good thundershower activity over the south Peninsula. Fort Cochin recorded 5 cm of rain on 2nd and Tiruppattur 8 cm and Salem 7 cm on 4th. Later weather remained dry over the Peninsula and the central parts of the country till the end of the second week. Moderate thundershower activity generally prevailed over the Peninsula during the second fortnight. Waltair and Bihar recorded 5 cm of rain each on 17th and Anantapur 5 cm on 21st.

Day temperatures which were nearly normal over northwest India, Gujarat State, the central parts of the country and the northwestern parts of the Peninsula at the beginning of the month fell appreciably to markedly below normal from 5th and remained so till 10th. Night temperatures also showed a similar marked sub-normal trend. Poona Observatory reported a minimum temperature of 13.8°C which is the lowest all time recorded. While the day temperatures remained generally below normal over northwest India and Assam during the remaining days of the month, they began to rise above normal during the third week over the rest of the country. A moderate to severe heat wave also affected Bihar State and adjoining West Bengal and east Uttar Pradesh during the last week. According to press reports, over 100 people died due to the heat wave in Bihar State and east Uttar Pradesh. Day temperatures were also above normal over the central parts of the country, Gujarat State and the Peninsula during the last week.

The rainfall was normal in Interior Mysore and slight excess in North Assam and West Rajasthan, It was slight defect in Bay Islands, South Assam, Himachal Pradesh and Rayalaseema and moderate defect in Sub-Himalayan West Bengal, Bihar Plateau, Jammu and Kashmir, East Rajasthan, Telangana, Madras State and Interior Mysore. It was large defect over the rest of the country. There was no rain in West Madhya Pradesh, Gujarat region, Saurashtra-Kutch and Marathwada.

The mean maximum temperature was above normal in Sub-Himalayan West Bengal, Gangetic West Bengal, Bihar and below normal in South Assam, Haryana, Punjab, Himachal Pradesh, Jammu and Kashmir and west Rajasthan. It was normal over the rest of the country.

The mean minimum temperature was above normal in Jammu and Kashmir and below normal in Bihar Plains, West Uttar Pradesh, Haryana, Punjab, Rajasthan, West Madhya Pradesh, Gujarat region, Saurashtra Kutch, Konkan, Marathwada, Vidarbha and Telangana. It was normal over the rest of the country.

The mean relative humidity in the morning was above normal in Himachal Pradesh and below normal in Gangetic West Bengal, Bihar Plateau, East Uttar Pradesh, West Madhya Pradesh, Marathwada and Kerala. It was normal over the rest of the country.

The mean relative humidity in the evening was above normal in Himachal Pradesh and Jammu and Kashmir and below normal in Gangetic West Bengal, Bihar Plateau, Madhya Maharashtra, Marathwada, Coastal Mysore, Kerala and Arabian Sea Islands. It was normal over the rest of the country.

The mean cloud amount in the morning was normal in Bay Islands, Assam, Sub-Himalayan West Bengal, Orissa, Haryana, Punjab, Himachal Pradesh, Jammu and Kashmir, west Rajasthan, Coastal Andhra Pradesh, Madras State, Coastal Mysore, North Interior Mysore and Kerala. It was below normal over the rest of the country.

The mean cloud amount in the evening was above normal in Punjab and normal in Bay Islands, Assam, Sub-Himalayan West Bengal, Gangetic West Bengal, Orissa, Haryana, Himachal Pradesh, Jammu and Kashmir, East Rajasthan, Rayalaseema, Madras State, Coastal Mysore, Mysore, Kerala and Arabian Sea Islands. It was below normal over the rest of the country.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity, and cloud amount for the 17 chief political divisions and the 33 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. IST of the date noted in the succeeding column; similarly the heaviest rainfall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. IST of the date given in the succeeding column.

Poona - 5;

21st May 1968.

R. ANANTHAKRISHNAN

for Director General of Observatories

STATEMENT SHOWING THE MOVEMENT AND ACTIVITY OF WESTERN DISTURBANCES DURING MAY 1968

S. No.	Period	Course	Regions affected	Nature of Precipitation	Period	Remarks
1.	30th Apr - 2nd May	Northern divisions of West Pakistan - Jammu and Kashmir	Jammu & Kashmir	Isolated rain	1st	
			West Uttar Pradesh	Isolated rain	1st & 2nd	
2.	4th - 7th	Punjab - Western Himalayas	Jammu & Kashmir	Fairly widespread rain or snow	4th - 6th	
			Jammu & Kashmir	Isolated/scattered rain of snow	7th - 10th	
3.	8th - 10th	Punjab - Western Himalayas	Himachal Pradesh	Scattered rain	4th & 5th	
			West Uttar Pradesh	Isolated rain	10th	
4.	14th - 16th	Central parts of West Pakistan - Punjab - Western Himalayas	Jammu & Kashmir	Scattered rain or snow	15th,17th & 18th	
			Rajasthan	Scattered/Isolated rain	16th & 17th	
			Punjab	Isolated rain	16th	
			West Uttar Pradesh	Isolated rain	16th,17th & 18th	
5.	18th - 20th	Southern parts of West Pakistan - Rajasthan - Punjab - Western Himalayas	West Rajasthan	Isolated rain	19th	
			Jammu & Kashmir	Isolated rain	19th, 20th	
			Himachal Pradesh	Fairly widespread rain	20th	
			West Uttar Pradesh	Isolated rain	20th & 21st	
6.	21st - 23rd	Northern divisions of West Pakistan - Jammu & Kashmir	Jammu & Kashmir	Scattered rain	22nd,23rd & 24th	
			Himachal Pradesh	Scattered rain	23rd & 24th	
			Punjab	Isolated rain	22nd & 24th	
7.	23rd - 25th	Southern parts of West Pakistan - Rajasthan - Punjab - Western Himalayas.				
8.	25th - 27th	Southern parts of west Pakistan - Punjab - Western Himalayas.	West Rajasthan	Isolated rain	26th	
			Jammu & Kashmir	Scattered rain	26th & 27th	
			Himachal Pradesh	Isolated rain	26th	
9.	29th - 1st Jun.	Baluchistan - West Pakistan - Western Himalayas	Jammu and Kashmir	Scattered rain	31st	

SG/

TABLE 1 - DIVISIONAL AND SUB-DIVISIONAL MEANS - MAY , 1968 (VAISKHA 11-JYAISTHA 10,1890 SAKA)

DIVISION	Rainfall (millimetres)	Percentage of normal	Mean maximum temperature °C	Mean minimum temperature °C	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud Amount (Oktas) 0830 hrs. IST.	Cloud Amount (Oktas) 1730 hrs. IST.
1	2	3	4	5	6	7	8	9
1.ASSAM(INCLUDING.	416.9	189	30.3	21.5	82	74	5.7	4.9
NEFA,N.L.ETC) .	+ 35.6		-0.3	-0.6	+ 1	- 1	0.0	+0.2
2.WEST BENGAL .	66.9	44	37.7	25.4	66	55	3.2	3.7
.	- 84.3		+2.0	0.0	- 5	- 7	-0.9	-0.2
3.ORISSA .	16.8	28	39.0	25.9	63	49	3.0	4.1
.	- 43.3		+0.8	-0.9	- 1	- 3	-0.5	-0.3
4.BIHAR .	25.9	52	40.5	24.4	49	30	1.3	1.8
.	- 23.6		+1.7	-1.3	- 5	- 7	-1.2	-1.0
5.UTTAR PRADESH .	1.4	7	40.5	24.2	38	24	0.5	0.7
.	- 18.2		+0.3	-1.1	- 3	- 2	-0.7	-0.7
6.HARYANA(INCLU. .	2.0	16	38.7	23.2	37	20	0.9	1.3
DELHI CHANDIGARH).	- 10.4		-1.5	-1.6	+ 1	- 1	-0.2	-0.1
7.PUNJAB .	1.5	13	38.4	21.2	40	21	1.7	2.5
.	- 10.2		-1.4	-1.8	+ 1	- 4	+0.1	+0.7
8.HIMACHAL .	28.4	82	35.0	19.1	56	35	2.0	2.7
PRADESH .	- 6.4		-1.1	+0.7	+ 9	+ 6	-0.1	-0.3
9.JAMMU AND .	17.9	61	24.9	14.6	50	45	3.5	5.3
KASHMIR .	- 11.5		-2.0	+1.3	+ 3	+ 7	+0.5	+0.5
SUB-DIVISION								
SUB-DIVISION								
1.BAY ISLANDS .	328.1	88	31.3	23.8	80	83	5.2	5.8
.	- 44.0		+0.4	-1.0	0	- 1	-0.8	-0.3
2.NORTH ASSAM .	449.2	121	30.4	21.5	83	76	5.8	4.8
(INCLUDING NEFA) .	+ 76.8		+0.1	-0.5	+ 1	0	-0.1	0.0
3.SOUTH ASSAM .	343.0	85	30.3	21.5	80	72	5.6	5.1
(INCL.N.LAND ETC).	- 58.7		-1.3	-0.9	+ 1	0	+0.2	+0.5
4.SUB-HIMALAYAN .	182.1	66	33.8	22.7	75	63	4.8	3.3
WEST BENGAL .	- 92.4		+1.3	-0.6	- 1	- 3	-0.3	-0.3
5.GANGETIC WEST- .	28.5	26	39.0	26.3	63	52	2.6	3.8
BENGAL .	- 81.6		+2.2	+0.1	- 6	- 8	-1.1	-0.3
6.ORISSA .	16.8	28	39.0	25.9	63	49	3.0	4.1
.	- 43.3		+0.8	-0.9	- 1	- 3	-0.5	-0.3
7.BIHAR PLATEAU .	37.2	69	40.8	25.1	40	23	1.3	2.9
.	- 16.7		+1.3	-0.8	-10	-11	-1.5	-1.4
8.BIHAR PLAINS .	18.3	39	40.3	23.8	55	35	1.3	1.0
.	- 28.2		+1.9	-1.8	- 2	- 5	-1.1	-0.8
9.UTTAR PRADESH .	1.3	7	41.6	25.2	38	23	0.4	0.4
(EAST) .	- 17.2		+0.6	-0.9	- 6	- 4	-0.8	-0.7
10.UTTAR PRADESH .	1.7	8	39.0	22.7	36	25	0.7	1.3
(WEST) .	- 19.6		0.0	-1.4	- 1	+ 1	-0.6	-0.5
11.HARYANA(INCLU. .	2.0	16	38.7	23.2	37	20	0.9	1.3
DELHI CHANDIGARH).	- 10.4		-1.5	-1.6	+ 1	- 1	-0.2	-0.1
12.PUNJAB .	1.5	13	38.4	21.2	40	21	1.7	2.5
.	- 10.2		-1.4	-1.8	+ 1	- 4	+0.1	+0.7
13.HIMACHAL .	28.4	82	35.0	19.1	56	35	2.0	2.7
PRADESH .	- 6.4		-1.1	+0.7	+ 9	+ 6	-0.1	-0.3
14.JAMMU AND KASH- .	17.9	61	24.9	14.6	50	45	3.5	5.3
-MIR .	- 11.5		-2.0	+1.3	+ 3	+ 7	+0.5	+0.5
15.RAJASTHAN(WEST).	11.0	122	40.1	23.9	45	25	0.7	1.8
.	+ 2.0		-1.1	-2.2	+ 2	+ 3	-0.1	+0.3
16.RAJASTHAN(EAST).	7.2	57	40.2	24.8	33	20	0.8	1.8
.	- 5.4		-0.8	-1.7	- 5	- 4	-0.2	-0.3
17.MADHYA PRADESH .	0.0	0	40.3	24.4	31	16	0.5	1.5
(WEST) .	- 11.7		-0.6	-2.0	- 6	- 4	-1.2	-1.2

DIVISION	Rainfall (millimetres)	Percentage of normal	Mean maximum temperature °C	Mean minimum temperature	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud Amount (Oktas) 0830 hrs. IST.	Cloud Amount (Oktas) 1730 hrs. IST.
1	2	3	4	5	6	7	8	9
10.RAJASTHAN .	8.9	81	40.1	24.5	38	23	0.8	1.8
.	- 2.1		-1.0	-1.9	- 2	0	-0.1	0.0
11.MADHYA PRADESH .	3.2	22	40.6	24.9	31	18	0.8	1.8
.	- 11.3		-0.4	-1.5	- 5	- 3	-1.1	-1.2
12.GUJARAT STATE .	0.0	0	37.0	24.2	71	43	1.4	0.7
(INCLU.DIU ETC).	- 4.3		-0.7	-1.7	+ 2	- 1	-0.8	-0.8
13.MAHARASHTRA .	2.0	7	37.9	24.9	52	35	2.0	2.5
STATE(INCL.GOA).	- 26.3		-0.1	-1.3	- 5	- 4	-1.1	-1.0
14.ANDHRA PRADESH .	18.2	43	39.2	26.6	60	41	3.1	3.4
.	- 23.7		+0.5	-0.8	- 2	- 4	-1.0	-0.9
15.MADRAS STATE .	30.7	50	36.0	25.6	69	56	4.0	4.3
(INCL.PONDICH.).	- 30.4		+0.1	-0.6	+ 1	- 2	-0.5	-0.7
16.MYSORE .	51.8	51	35.0	22.9	70	46	3.9	4.7
.	- 50.1		+0.5	-0.5	- 2	- 4	-0.6	-0.4
17.KERALA .	64.2	22	32.7	24.8	77	70	4.8	5.4
.	-226.6		+0.7	-0.2	- 6	- 6	-0.9	-0.7
SUB-DIVISION								
SUB-DIVISION(CONTD)								
18.MADHYA PRADESH .	7.4	41	41.0	25.6	31	21	1.1	2.3
(EAST) .	- 10.8		-0.2	-1.0	- 5	- 1	-1.1	-1.0
19.GUJARAT REGION .	0.0	0	39.6	24.3	62	24	0.8	0.4
(INCL.DAMAN ETC).	- 7.0		-0.6	-1.7	- 1	- 5	-1.1	-0.8
20.SAURASHTRAKUTCH.	0.0	0	35.2	24.1	77	56	1.9	0.9
(INCLUDING DIU) .	- 2.4		-0.9	-1.7	+ 4	+ 2	-0.5	-0.8
21.KONKAN .	0.9	2	31.4	25.5	73	73	3.4	2.5
(INCLUDING GOA).	- 36.2		-0.9	-1.2	- 2	+ 2	-0.9	-1.0
22.MADHYA- .	4.1	12	39.5	23.4	54	25	1.8	2.7
-MAHARASHTRA .	- 31.3		+0.5	-0.8	- 5	- 6	-0.8	-0.8
23.MARATHWADA .	0.0	0	40.1	23.6	31	14	1.1	2.8
.	- 19.9		-0.1	-1.4	-17	-12	-1.3	-1.0
24.VIDARBHA .	1.5	10	41.8	26.1	37	19	1.0	2.2
.	- 13.7		0.0	-1.9	- 4	- 3	-1.7	-1.4
25.COASTAL ANDHRA .	5.2	12	38.4	27.0	66	55	3.5	3.0
-PRADESH .	- 39.8		+0.8	-0.7	- 3	- 5	-0.8	-1.1
26.TELANGANA .	23.5	68	40.7	26.6	52	28	2.7	3.4
.	- 11.0		+0.2	-1.1	- 3	- 4	-0.8	-1.0
27.RAYALASEEMA .	39.5	86	38.5	26.0	58	32	3.0	4.3
.	- 6.6		+0.2	-0.3	0	- 3	-1.2	-0.4
28.MADRAS STATE .	30.7	50	36.0	25.6	69	56	4.0	4.3
(INCL.PONDICH.).	- 30.4		+0.1	-0.6	+ 1	- 2	-0.5	-0.7
29.COASTAL MYSORE .	5.2	3	32.6	25.2	74	66	4.9	4.7
.	-174.2		+0.6	-0.5	- 5	- 7	-0.7	-0.7
30.INTERIOR MYSORE.	53.1	100	37.9	23.5	59	36	3.5	4.6
(NORTH) .	- 0.1		+0.7	-0.3	- 5	- 4	-0.1	+0.1
31.INTERIOR MYSORE.	73.9	70	33.6	21.0	79	46	3.7	4.9
(SOUTH) .	- 31.9		+0.4	-0.6	+ 3	- 1	-1.1	-0.5
32.KERALA .	64.2	22	32.7	24.8	77	70	4.8	5.4
.	-226.6		+0.7	-0.2	- 6	- 6	-0.9	-0.7
33.ARABIAN SEA- .	3.7	2	32.1	26.7	71	68	4.0	5.3
ISLANDS .	-148.7		+0.1	-0.1	- 5	- 9	-1.2	-0.7

Note :- The entries in the second line for each division and sub-division indicate departures from Normal.

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - MAY , 1968 (VAISKHA 11-JYAISTHA 10,1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km per hour			Weather phenomena - No. of days with										
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
BAY ISLANDS																												
MAYA BANDAR	31.6	+0.9	33.6	19	24.6	-0.5	21.3	09	245.7	328.6	+ 45.4	70.4	06	13	- 2.7	10.1	7.6	-0.4	1	15	0	0	12	0	0	0	0	0
LONG ISLAND	32.3	+0.3	35.0	21	24.4	-0.6	22.4	09	75.7	228.9	-108.0	71.5	05	9	- 4.6	4.9	3.1	+0.6	0	10	0	0	2	0	0	0	0	0
PORT BLAIR	31.2	+0.3	33.9	29	24.0	-0.4	21.9	08	57.1	233.4	-118.9	78.0	06	8	- 7.3	14.4	9.9	-2.2	2	8	0	0	11	5	0	0	2	0
CAR NICOBAR	31.5	+0.2	32.8	01	22.6	-1.9	20.6	15	199.5	289.0	-115.6	51.6	30	16	+ 1.2	3.1	2.7	-1.1	0	17	0	0	0	0	0	0	0	0
NAN COWRY	31.3	+0.8	33.8	18	24.4	-0.5	22.0	05	284.9	408.1	+ 43.5	66.2	05	15	- 1.2	6.1	4.9	-2.2	1	16	0	0	8	0	0	0	0	0
KONDUL	29.6	-0.5	31.4	24	23.0	-2.1	21.4	09	213.5	389.3	- 10.5	122.6	30	11	- 5.8	4.4	3.1	-1.4	0	17	0	0	3	0	0	0	0	0
NORTH ASSAM (INCLUDING NEFA)																												
PASIGHAT	27.7	0.0	34.9	09	21.0	+0.1	17.3	16	187.8	546.9	+100.5	101.0	29	21	+ 4.1	6.2	7.5	0.0	0	23	0	0	3	0	0	0	0	0
DIBRUGARH (MOHANBARI)	28.0	-0.6	34.8	10	21.2	-0.3	19.1	12	75.5	536.9	+123.2	111.6	28	18	+ 0.3	8.1	6.7	+1.7	1	23	0	0	17	0	0	0	1	0
DIGBOI	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
NORTH LAKHIMPUR	28.3	-0.3	34.5	02	20.4	-1.3	18.4	13	88.8	673.3	+142.0	93.0	07	21	+ 1.6	9.3	7.1	..	0	24	0	0	10	0	0	0	0	0
SIBSAGAR	28.9	-0.8	35.2	02	..	..	..	..	262.0	1058.3	+746.1	185.0	30	17	+ 1.7	..	..	..	0	19	0	0	18	0	0	0	0	0
GOHPUR	29.4	+0.5	34.6	11	20.8	-0.1	16.4	16	34.0	515.4	+152.9	61.5	29	21	+ 6.3	6.5	5.5	..	0	23	0	0	0	0	0	0	0	0
MAJBAT	30.2	..	35.5	10	22.2	..	20.0	14	34.9	375.6	- 65.6	77.5	29	18	- 2.1	6.6	5.0	-1.3	0	18	0	0	1	0	0	0	0	0
JORHAT AERODROME	29.5	..	34.7	02	22.0	..	19.2	17	36.9	360.6	..	76.8	27	17	..	..	..	..	0	17	0	0	17	0	0	0	0	0
TANGLA	30.4	-0.1	35.0	12	22.3	+0.4	18.8	13	110.7	458.5	+ 11.7	92.8	30	22	+ 2.9	6.3	4.9	+1.3	0	22	0	0	4	0	0	0	0	0
TEZPUR	31.8	+1.5	34.0	02	21.9	-0.6	20.3	16	59.6	285.2	+ 17.0	80.4	30	16	+ 0.4	6.9	6.5	+2.0	0	22	0	0	1	0	0	0	0	0
GOLAGHAT	29.6	-0.2	35.1	10	21.4	-0.4	18.9	15	37.4	341.2	- 35.3	42.4	31	19	+ 3.7	..	..	..	0	21	0	0	0	0	0	0	0	0
RANGIA	30.8	-0.4	35.7	12	22.3	+1.0	18.6	14	44.0	614.4	+246.9	182.2	29	18	+ 0.3	..	..	..	0	21	0	0	4	0	0	0	0	0
CHAPARMUKH	31.9	-0.4	37.5	13	22.4	-0.8	17.5	30	10.2	248.2	+ 36.2	50.2	29	15	+13.7	4.8	4.4	..	0	15	0	0	16	0	0	0	0	0
GOALPARA	31.7	+0.3	36.6	08	18.4	-3.9	14.9	14	54.0	333.6	-187.9	42.8	22	19	+ 1.2	6.8	5.5	+1.1	0	19	0	0	0	0	0	0	0	0
GAUHATI (BHORJOR)	30.9	-0.2	35.3	10	21.9	-0.9	18.6	14	25.5	355.6	+ 79.1	59.6	23	15	- 0.7	7.5	6.3	..	3	18	0	0	23	0	0	0	5	0
DHUBRI (RUPSI)	31.8	+0.1	37.6	02	22.2	-0.4	18.1	14	13.2	397.8	+ 8.9	72.5	30	19	+ 4.5	10.5	9.9	+3.6	0	22	0	0	18	0	0	0	1	0
DHUBRI	31.3	+1.4	37.3	02	22.1	-0.9	17.4	14	50.4	356.6	- 66.8	54.4	06	14	- 1.8	13.8	11.5	+3.5	0	18	0	0	18	0	0	0	0	0
LUMDING	32.9	+0.4	37.8	03	22.7	+0.6	19.9	14	54.9	86.9	- 81.5	37.6	04	8	- 2.9	8.0	5.7	..	0	12	0	0	2	0	0	0	0	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																												
TURA	31.0	0.0	36.0	10	22.6	-0.3	17.6	14	54.9	353.3	- 62.7	73.4	18	12	- 2.3	10.3	11.2	+1.0	1	15	0	0	0	0	0	0	0	0
HAFLONG	..	..	..	..	..	..	..	..	80.1	213.0	-319.4	21.0	29	21	+ 2.2	..	..	..	0	23	0	0	17	0	0	0	0	0
SILCHAR (KUMBHIRGRAM)	30.1	-1.6	35.6	10	21.7	-0.4	17.9	15	269.1	479.3	- 59.2	88.0	30	22	+ 4.8	9.6	7.7	+0.4	0	24	0	0	20	2	0	0	0	0
SILCHAR	28.2	-3.0	34.5	10	22.6	-0.2	19.7	14	196.6	569.0	+139.5	79.2	31	21	+ 4.7	1.9	1.4	-1.0	0	24	0	0	22	0	0	0	0	0
IMPHAL (TULIHAL)	27.9	-1.0	33.4	09	16.5	-2.6	11.9	15	54.6	123.2	-107.5	30.8	03	9	- 4.3	10.1	5.7	-2.2	1	19	0	0	5	1	0	0	0	0
KAILASHAHAR	31.6	-1.8	37.2	09	22.1	-1.0	17.7	15	121.6	301.9	- 35.4	76.3	30	17	+ 2.5	7.3	4.9	+0.4	1	18	0	2	20	0	0	0	0	0
AGARTALA	33.0	+0.2	39.3	09	23.2	-1.0	19.6	16	249.1	350.6	+ 34.0	58.3	21	12	+ 0.9	14.0	10.7	-1.3	1	17	0	1	19	0	0	0	5	0
SUB-HIMALAYAN WEST BENGAL																												
BAGHDOGRA	32.9	+0.9	39.4	12	21.4	-1.5	15.1	14	5.3	175.2	- 78.2	45.6	14	10	- 1.1	15.9	14.1	+4.4	0	14	0	0	10	0	0	0	1	0
JALPAIGURI	31.7	+0.8	35.6	10	22.7	-0.2	15.6	14	3.0	109.2	-193.1	24.2	14	10	- 3.4	11.4	9.4	+1.0	0	11	0	0	6	0	0	0	0	0
COOCH BEHAR AERODROME	31.2	-0.3	35.6	08	21.1	-1.7	16.1	14	72.5	402.9	- 23.8	44.7	04	19	+ 3.7	9.4	7.8	+0.4	0	19	0	1	23	0	0	0	3	0
BALURGHAT	37.2	..	42.6	27	23.2	..	17.8	14	37.3	92.4	..	29.2	18	4	..	10.2	7.8	..	0	4	0	0	0	0	0	0	0	0
MALDA	39.5	+3.9	44.7	26	25.4	+0.7	21.4	17	10.6	41.2	- 74.4	21.0	17	3	- 2.8	4.8	4.3	-4.7	0	4	0	0	3	0	0	0	0	0
GANGETIC WEST BENGAL																												
BERHAMPORE	40.8	+3.7	45.3	28	23.1	-1.6	15.3	17	49.0	80.8	- 51.3	55.0	31	2	- 5.1	7.8	7.6	+0.7	0	2	0	0	3	0	2	0	0	0
SURI	41.9	+2.5	46.5	27	26.4	+0.4	22.1	17	..	23.3	- 38.7	13.0	31	2	- 1.9	.	11.5	-0.1	0	4	0	0	1	0	0	0	0	0
ASANSOL	43.1	+4.0	46.7	27	26.7	+0.4	22.2	07	4.8	14.7	- 68.9	8.6	02	2	- 2.7	10.4	8.3	-0.6	0	4	0	1	8	0	0	0	0	0
SHANTI NIKETAN	41.4	..	45.4	28	26.4	..	22.1	16	34.5	72.3	..	71.9	16	1	..	15.6	12.7	..	3	1	0	1	8	0	0	0	0	0
KRISHNANAGAR	39.6	+2.6	43.5	07	25.2	0.0	20.0	17	40.9	45.6	-113.4	16.0	17	5	- 3.0	19.6	15.5	+4.7	1	7	0	0	11	0	0	0	0	0
PURULIA	41.7	+1.6	44.6	31	27.7	+0.8	23.8	02	16.6	16.6	- 23.7	15.8	02	1	- 2.5	8.2	5.9	-1.2	0	2	0	0	6	0	4	0	0	0
BANKURA	42.8	..	45.5	28	26.8	..	22.6	17	30.5	4.5	- 89.2	3.5	31	1	- 4.4	3.0	3.0	..	0	2	0	0	0	0	0	0	0	0
BURDWAN	41.1	+3.9	43.7	27	26.5	+0.7	23.0	16	50.0	55.5	- 83.7	55.5	29	1	- 5.9	..	..	..	0	1	0	0	0	0	0	0	0	0
CALCUTTA (DUM DUM)	36.6	+0.9	40.6	11	26.2	+0.2	20.8	16	18.6	58.7	- 58.6	21.5	16	4	- 1.9	22.6	17.6	+1.4	0	4	0	0	7	0	0	0	7	0
CALCUTTA	37.1	+1.3	41.7	11	25.8	-0.7	20.3	16	4.3	16.5	-117.4	10.4	16	2	- 4.7	11.7	12.6	+3.9	0	4	0	0	8	0	0	0	8	0
MIDNAPORE	40.3	+2.1	43.1	07	27.1	+0.8	21.5	17	2.0	10.4	-109.2	8.0	17	1	- 5.7	11.6	10.8	+1.7	0	3	0	0	5	0	0	0	0	0
CONTAI	34.6	+1.0	42.2	11	27.2	-0.1	22.2	16	0.0	7.0	-128.5	6.7	28	1	- 3.8	26.6	21.1	+1.6	0	2	0	0	2	0	0	0	0	0
SAGAR ISLAND	32.7	+0.6	35.7	09	27.8	+0.5	20.9	16	0.0	8.1	- 96.3	7.2	16	1	- 4.2	36.9	35.3	+5.6	0	3	0	0	2	0	0	1	1	0
SANDHEADS	31.9	..	38.1	09	28.4	..	25.8	05	0.0	10.6	- 39.2	10.6	16	1	- 2.2	..	..	..	0	1	0	0	0	0	0	0	0	0
ORISSA																												
BARIPADA	41.3	+0.7	44.4	07	25.5	-0.4	21.6	17	44.5	46.8	- 67.7	21.2	27	3	- 2.8	6.5	5.3	+0.5	0	4	0	1	20	0	0	0	0	0
JHARSUGUDA	42.6	+0.6	45.6	31	27.1	-0.6	23.0	07	0.0	0.2	- 23.4	0.2	17	0	- 1.7	10.5	7.7	-1.1	1	0	0	0	4	0	0	0	2	0
KEONJHARGARH	39.9	+1.0	41.9	31	23.6	-1.7	19.7	18	0.8	32.0	- 23.9	23.2	18	2	- 2.2	10.8	7.5	-1.0	3	3	0	0	0	0	0	0	0	0
BALASORE	38.7	+2.3	43.0	07	26.2	-0.5	24.0	27	25.8	28.8	- 64.7	13.6	19	3	- 2.4	19.2	16.3	+2.8	0	4	0	1	0	0	0	0	0	0
SAMBALPUR	42.7	+0.6	45.1	31	25.2	-2.4	20.9	17	0.0	0.0	- 25.1	0.0	..	0	- 2.2	9.2	8.3	+1.6	0	0	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - MAY , 1968 (VAISKHA 11-JYAISTHA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
ORISSA (CONTD.)																												
ANGUL	41.9	+1.6	44.8	31	26.1	-0.7	24.4	17	0.0	1.4	- 53.5	1.4	04	0	- 4.3	2.4	2.0	-8.1	0	1	0	0	0	0	0	0	0	0
CHANDBALI	37.4	+1.0	42.9	07	26.3	-0.3	22.5	15	0.0	0.0	-102.4	0.0	..	0	- 4.7	24.5	19.5	+2.6	0	0	0	0	0	0	0	0	0	0
BOLANGIR	42.9	+1.1	45.5	25	28.4	-1.0	21.2	18	26.0	26.0	+ 10.2	26.0	18	1	- 1.0	6.4	10.1	-0.8	0	1	0	0	2	0	0	0	0	0
PHULBANI	40.2	..	43.0	04	22.3	..	15.2	07	1.4	15.4	..	10.8	28	2	..	8.1	4.0	..	0	3	0	0	0	0	0	0	0	0
CUTTACK	39.3	+0.5	44.7	08	27.4	+0.5	25.3	17	0.0	2.4	- 77.6	2.2	15	0	- 5.0	12.7	12.0	+2.9	1	1	0	0	5	0	1	0	0	0
TITLAGARH	43.0	+1.5	46.1	24	26.4	-1.5	23.8	17	4.3	14.1	- 18.2	7.4	29	2	- 0.6	4.9	4.0	-1.3	2	3	0	0	10	0	0	0	0	0
BHUBANESWAR	38.0	0.0	43.5	08	26.6	-0.5	24.3	07	9.8	9.8	- 51.0	9.8	12	1	- 1.4	35.2	31.7	+4.1	0	1	0	0	8	1	0	0	0	0
PURI	31.9	+0.3	33.8	08	26.2	-1.5	23.7	07	0.0	0.0	- 63.0	0.0	..	0	- 3.0	29.1	26.7	+0.5	0	0	0	0	0	0	0	0	0	0
GOPALPUR	32.1	0.0	43.0	08	26.1	-0.7	23.6	17	0.9	4.5	- 45.5	2.2	17	0	- 2.8	30.9	28.8	+3.4	0	6	0	0	5	0	0	0	0	0
KORAPUT	34.3	+0.2	37.2	23	21.7	-0.9	13.5	25	41.0	68.6	- 1.5	33.0	02	4	- 1.5	17.9	14.2	..	0	4	0	0	0	0	0	0	0	0
BIHAR PLATEAU																												
DUMKA	41.3	+3.4	45.6	28	25.4	-0.1	19.9	17	6.6	53.6	- 32.3	37.4	02	2	- 3.2	6.3	4.0	-2.5	0	2	0	0	1	0	0	0	0	0
DALTONGANJ	41.7	+0.1	44.1	28	24.1	-1.3	19.7	08	0.0	0.0	- 15.2	0.0	..	0	- 1.5	..	..	..	0	0	0	0	0	0	0	0	0	0
HAZARIBAGH	38.4	+0.4	41.5	31	23.4	-1.0	17.9	02	30.2	60.4	+ 11.9	28.5	17	3	- 0.4	13.5	9.8	-0.7	0	3	0	0	4	0	0	0	0	0
DHANBAD	41.6	+2.8	45.0	27	26.1	+0.2	21.8	17	3.4	10.2	- 39.0	4.6	17	2	- 1.4	2.1	1.4	-7.8	1	4	0	0	1	0	0	0	0	0
RANCHI AERODROME	38.2	+0.2	40.8	31	24.6	-0.1	17.2	17	40.5	42.1	- 12.0	32.6	17	3	- 0.8	13.0	10.2	-0.6	0	6	0	0	7	0	0	0	4	0
JAMSHEDPUR	41.6	+1.6	44.3	25	25.5	-1.3	21.5	11	37.8	38.3	- 36.6	37.8	17	1	- 4.2	9.3	7.0	-0.8	0	2	0	1	5	0	6	0	3	0
JAMSHEDPUR P.B.O.	41.6	+0.5	43.8	30	26.5	-1.1	21.6	17	34.7	35.9	- 0.2	33.2	17	2	- 1.1	9.9	6.4	-0.7	1	2	0	0	9	0	0	0	1	0
CHAIBASA	42.1	+1.6	44.5	25	25.4	-1.4	20.3	17	57.4	57.4	- 9.9	31.6	17	3	- 2.2	6.6	4.3	-0.2	0	3	0	0	4	0	0	0	0	0
BIHAR PLAINS																												
MOTIHARI	39.1	+2.4	43.9	27	20.0	-4.2	13.7	12	28.4	30.2	- 19.6	28.4	17	1	- 1.9	8.8	6.4	+0.2	1	2	0	0	0	0	0	0	0	0
FORBESGANJ	36.5	+0.4	41.0	27	23.3	-0.4	16.5	14	0.0	21.6	- 78.4	12.2	14	2	- 3.0	13.5	11.5	+0.9	0	5	0	0	5	0	0	0	0	0
DARBHANGA	39.0	+2.6	43.5	28	23.1	-1.6	19.4	17	44.0	52.8	- 7.1	44.0	17	2	- 1.8	7.3	6.2	-2.0	0	2	0	0	0	0	0	0	0	0
MUZAFFARPUR	39.4	..	43.8	27	24.4	..	20.3	08	9.9	12.7	- 38.6	9.9	17	2	- 0.8	8.9	6.9	..	0	2	0	0	2	0	0	0	0	0
CHAPRA	41.2	..	45.2	27	26.0	..	21.1	02	28.2	32.4	+ 9.6	32.4	02	1	- 0.8	9.5	7.3	..	0	1	0	0	1	0	1	0	0	0
PURNEA	38.2	+3.1	42.4	27	21.1	-2.8	16.7	14	0.0	10.6	- 90.0	6.6	14	2	- 3.5	6.4	5.3	-2.1	0	2	0	0	0	0	0	0	0	0
PATNA	41.5	+2.6	45.2	29	25.7	-0.3	21.9	15	0.0	0.0	- 30.0	0.0	..	0	- 1.9	10.1	8.8	-1.0	0	0	0	0	1	0	0	0	0	0
PATNA AERODROME	40.9	+1.1	45.2	27	24.3	-1.8	20.7	09	11.8	12.3	- 9.1	12.3	02	1	- 0.2	13.2	8.8	-0.8	0	1	0	0	2	0	0	0	4	0
ARRAH	..	..	..	..	..	..	..	..	..	0.0	- 17.6	0.0	..	0	- 1.7	..	..	..	0	0	0	0	0	0	0	0	0	0
BHAGALPUR	40.6	+2.3	45.1	30	25.1	-0.6	21.0	08	1.8	9.6	- 38.5	5.0	17	2	- 0.9	12.6	9.8	-0.3	0	3	0	0	4	0	0	0	1	0
SABAUR	40.2	+2.8	45.0	27	21.9	-3.0	17.0	09	0.0	15.8	- 39.6	9.2	01	2	- 1.7	13.4	9.2	-1.3	0	3	0	0	4	0	0	0	2	0
JAMUI	43.1	+2.9	48.5	18	25.0	-1.6	20.5	12	2.8	19.3	- 21.1	16.5	17	2	0.0	12.1	7.6	-0.7	0	2	0	0	0	0	0	0	0	0
DEHRI	41.8	-0.2	44.7	27	26.3	-1.7	21.4	08	0.0	6.0	- 6.7	6.0	17	1	- 0.2	9.5	6.2	-1.2	0	1	0	0	0	0	0	0	0	0
GAYA	42.5	+1.2	45.3	27	26.2	-1.2	21.5	08	0.2	8.7	- 8.1	8.4	17	1	- 0.3	13.9	9.7	-1.9	2	1	0	0	1	0	0	0	1	0
UTTAR PRADESH EAST																												
KHERI	41.4	+1.1	44.4	29	25.6	+0.3	20.0	08	0.0	0.0	- 24.3	0.0	..	0	- 1.1	10.0	6.6	+1.1	0	0	0	0	1	0	0	0	0	0
BAHRAICH	41.5	+1.7	44.8	27	24.9	-0.7	21.1	11	0.0	0.0	- 30.0	0.0	..	0	- 2.1	13.8	8.4	0.0	0	0	0	0	1	0	0	0	0	0
NAUTANWA	40.4	+1.3	44.8	27	23.2	-1.5	18.4	09	22.2	16.0	- 21.6	14.6	17	1	- 1.0	6.7	7.2	-1.8	0	2	0	0	0	0	0	0	0	0
HARDOI	41.4	+0.3	43.4	31	24.2	-1.1	19.3	08	6.0	6.0	- 2.8	6.0	16	1	+ 0.4	12.3	8.2	+0.3	0	1	0	0	0	0	0	0	0	0
GONDA	42.0	+2.1	45.2	28	24.8	-0.8	20.1	08	0.0	0.0	- 29.6	0.0	..	0	- 2.1	14.8	9.4	+1.7	0	0	0	0	0	0	0	0	0	0
LUCKNOW	40.5	-0.7	42.8	31	25.2	-1.3	22.0	02	0.0	0.0	- 15.0	0.0	..	0	- 1.1	0.0	0.0	-4.4	0	0	0	0	0	0	0	0	0	0
LUCKNOW (AMAUSI)	41.3	+0.2	43.9	27	24.5	-1.1	18.1	08	0.0	0.8	- 14.8	0.6	16	0	- 0.6	0.0	10.6	0.0	0	1	0	0	1	0	0	0	0	0
FAIZABAD	41.4	+2.1	44.4	27	23.7	-0.1	18.8	08	0.0	0.0	- 21.9	0.0	..	0	- 2.0	4.4	7.8	+3.0	0	0	0	0	0	0	0	0	0	0
GORAKHPUR	41.7	+2.7	45.1	27	25.8	-0.1	22.3	08	0.0	0.0	- 40.6	0.0	..	0	- 2.5	10.3	7.0	-0.1	0	0	0	0	0	0	0	0	0	0
KANPUR	41.7	0.0	44.3	30	26.1	-1.1	20.5	08	0.0	0.0	- 8.4	0.0	..	0	- 1.1	20.5	15.3	+2.4	0	0	0	0	3	0	1	0	0	0
KANPUR (AERODROME)	42.5	..	45.0	30	26.3	..	22.2	06	0.0	1.3	..	1.3	24	0	..	0.0	0.0	..	0	1	0	0	5	0	2	0	0	0
SULTANPUR	42.5	+1.5	45.5	27	26.1	+0.1	21.4	08	0.0	0.0	- 21.4	0.0	..	0	- 1.6	5.7	3.8	-2.7	0	0	0	0	0	0	0	0	0	0
AZAMGARH	42.4	+1.0	45.4	26	24.6	-1.5	19.9	08	0.0	0.0	- 8.5	0.0	..	0	- 0.7	10.3	6.1	..	0	0	0	0	0	0	0	0	0	0
FATEHPUR	41.6	-0.7	44.0	25	25.5	-1.8	19.4	08	0.0	0.0	- 5.6	0.0	..	0	- 0.6	13.3	7.1	+0.7	0	0	0	0	0	0	0	0	0	0
BALLIA	39.9	-1.9	43.0	26	..	..	..	..	0.0	0.0	- 22.8	0.0	..	0	- 1.6	10.8	6.3	-0.9	0	0	0	0	0	0	0	0	0	0
BANDA	43.3	+0.3	45.6	30	26.6	-1.4	20.2	08	0.0	0.0	- 6.9	0.0	..	0	- 0.5	5.6	2.8	-1.4	0	0	0	0	1	0	0	0	0	0
ALLAHABAD (BAMHRAULI)	42.5	+0.4	45.0	31	25.7	-1.7	20.2	08	0.0	0.0	- 14.0	0.0	..	0	- 0.7	8.4	4.4	-4.3	0	0	0	0	0	1	0	0	0	0
VARANASI (BABATPUR)	41.9	+0.4	44.6	27	25.9	-1.0	20.3	08	0.0	0.0	- 7.9	0.0	..	0	- 0.4	16.0	11.8	-0.9	0	0	0	0	3	3	0	0	0	0
VARANASI	41.2	-0.3	43.5	27	26.4	-0.6	21.1	08	0.0	0.0	- 13.7	0.0	..	0	- 1.1	4.6	6.6	-3.6	0	0	0	0	0	0	0	0	0	0
UTTAR PRADESH WEST																												
MUKHIM	26.4	+0.9	30.3	31	15.3	-0.1	12.7	16	5.6	6.6	- 63.8	2.4	16	0	- 4.6	..	..	..	3	3	0	0	8	0	0	0	0	0
TEHRI	36.8	0.0	41.5	31	18.9	-0.8	14.8	08	13.1	13.1	- 21.8	9.1	01	1	- 2.2	6.5	4.0	..	0	4	0	0	3	0	0	0	0	0
DEHRA DUN	36.6	+0.4	40.6	31	20.4	-1.1	15.8	10	0.0	0.0	- 35.8	0.0	..	0	- 3.0	2.6	1.7	-2.4	0	0	0	0	0	2	0	0	0	0
MUSSOORIE	..	..	..	..	..	..	..	..	7.0	13.6	..	5.8	27	3	..	10.5	9.8	..	0	4	..	..	..	..	..	.	..	.
ROORKEE	40.0	+0.6	43.8	31	21.6	-2.0	17.1	07	0.0	0.0	- 18.5	0.0	..	0	- 1.7	9.8	6.4	-0.8	0	0	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER – MAY ,1968 (VAISKHA 11-JYAISTHA 10,1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena- No. of days with										
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
UTTAR PRADESH WEST (CONTD.)																												
NAJIBABAD	39.2	-0.1	42.7	30	20.9	-2.0	15.8	11	0.0	0.0	- 16.5	0.0	..	0	- 1.2	10.1	7.1	+0.7	0	0	0	0	0	0	0	0	0	0
MEERUT	39.6	-0.4	43.0	26	21.7	-3.1	15.4	08	0.0	0.0	- 15.2	0.0	..	0	- 1.6	.	8.4	-0.2	0	0	0	0	0	0	0	0	0	0
BAREILLY	41.4	+0.9	44.7	31	25.4	-0.4	19.1	08	0.0	0.2	- 15.0	0.2	02	0	- 1.4	16.2	11.0	+4.3	1	0	0	0	0	0	1	0	0	0
ALIGARH	40.5	-0.7	43.8	01	24.0	-2.3	18.5	09	0.0	0.0	- 12.9	0.0	..	0	- 1.3	15.3	10.1	+1.3	0	0	0	0	0	0	2	0	0	0
MAINPURI	41.9	-0.3	44.2	01	24.2	-2.0	18.3	07	0.0	0.0	- 12.7	0.0	..	0	- 1.3	..	..	..	0	0	0	0	0	0	1	0	0	0
AGRA	41.0	-0.8	44.0	30	25.7	-1.5	19.9	08	0.0	0.0	- 9.1	0.0	..	0	- 1.0	5.6	5.5	-0.4	0	0	0	0	0	0	2	0	0	0
AGRA AERODROME	41.0	..	43.7	30	24.5	..	18.6	07	0.0	0.5	..	0.5	16	0	..	..	..	..	0	1	0	0	2	0	2	0	0	0
ORAI	42.2	-0.4	44.4	04	26.8	-0.3	22.2	08	0.0	0.0	- 5.8	0.0	..	0	- 0.7	8.7	6.9	-2.4	0	0	0	0	0	0	0	0	0	0
JHANSI	42.0	-0.6	44.6	31	27.4	-1.4	22.3	10	0.0	0.0	- 8.4	0.0	..	0	- 0.8	5.8	6.4	-0.7	0	0	0	0	0	0	0	0	0	0
MORADABAD	38.4	..	42.0	31	24.4	..	17.5	10	0.0	0.0	..	0.0	..	0	..	9.4	7.7	..	0	0	0	0	0	0	0	0	0	0
HARYANA (INCLUDING DELHI AND CHANDIGARH)																												
CHANDIGARH	38.3	0.0	41.7	31	22.4	-1.2	16.2	06	0.0	1.2	- 11.9	1.2	24	0	- 1.4	..	..	..	0	1	0	0	0	0	0	0	0	0
AMBALA	39.0	-1.8	42.8	31	23.1	-1.8	17.0	10	0.0	0.0	- 19.3	0.0	..	0	- 1.6	.	6.0	-2.0	0	0	0	0	0	0	5	0	0	0
AMBALA AERODROME	38.8	..	42.9	31	22.4	..	15.5	10	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	2	0	2	0	0	0
KARNAL	38.7	-1.0	42.0	31	22.6	-1.6	17.5	08	0.0	0.0	- 7.2	0.0	..	0	- 0.8	9.0	7.8	..	0	0	0	0	1	0	0	0	0	0
HISSAR	38.3	-3.3	43.9	30	22.9	-1.7	16.6	09	0.0	2.0	- 10.9	2.0	24	0	- 1.3	8.0	7.2	-1.3	0	1	0	0	3	0	2	0	0	0
NEW DELHI/SAFDARJUNG	39.1	-1.4	42.5	31	25.2	-1.4	19.0	08	0.0	6.7	- 3.0	5.6	16	1	- 0.3	21.7	14.7	+1.8	2	1	0	0	4	0	4	0	0	0
PALAM AERODROME	39.6	..	43.0	30	22.9	..	17.2	08	0.0	1.6	..	1.4	16	0	..	..	..	..	1	1	0	0	5	0	1	4	0	0
GURGAON	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
NARNAUL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
ROHTAK	39.1	..	42.6	30	22.5	..	18.0	08	0.0	10.3	..	8.2	16	1	..	15.2	10.3	..	0	3	0	1	2	0	2	0	0	0
PUNJAB																												
PATHANKOT	37.3	-1.7	41.8	30	21.2	-2.0	15.2	11	0.0	0.0	- 17.1	0.0	..	0	- 1.4	..	..	..	0	0	0	0	8	0	4	0	0	0
AMRITSAR	37.7	-1.2	41.7	30	20.0	-1.4	13.4	08	0.0	2.7	- 6.9	1.8	22	0	- 1.2	..	..	..	0	3	0	0	12	0	4	0	0	0
ADAMPUR AERODROME	37.7	..	41.1	30	19.9	..	15.3	10	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	11	0	7	0	0	0
LUDHIANA	40.2	-1.0	44.8	30	22.8	-1.4	17.4	08	0.0	0.0	- 12.9	0.0	..	0	- 1.5	7.4	4.8	0.0	0	0	0	0	0	0	0	0	0	0
FEROZEPUR	37.3	-2.2	41.2	30	19.6	-2.8	14.0	06	0.0	1.0	- 5.1	1.0	26	0	- 0.5	7.0	4.6	+1.1	0	1	0	0	0	0	0	0	0	0
HALWARA AERODROME	38.6	..	43.0	31	20.6	..	15.0	10	3.5	3.5	..	3.5	22	1	..	..	..	..	0	1	0	0	6	0	6	1	0	0
PATIALA	38.6	-1.6	41.9	01	22.9	-1.1	16.9	09	0.0	0.0	- 14.0	0.0	..	0	- 1.4	9.1	10.1	+0.3	0	0	0	0	1	0	4	0	0	0
BHATINDA	39.5	-0.6	42.9	30	20.7	-2.0	14.8	12	0.0	5.4	- 4.9	3.0	22	1	0.0	4.2	5.0	0.6	0	2	0	0	4	0	0	0	0	0
HIMACHAL PRADESH																												
MANDI	34.3	-0.5	39.0	31	17.1	-0.2	12.1	10	11.5	21.8	- 23.9	15.3	20	3	- 0.7	..	..	..	0	3	0	0	0	0	0	0	0	0
BILASPUR	35.7	-1.6	39.6	30	21.1	+1.6	15.8	07	0.0	35.0	+ 11.2	32.0	20	2	- 0.1	8.2	6.3	-0.4	0	2	0	1	5	0	1	0	0	0
JAMMU AND KASHMIR																												
MISGAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
GILGIT	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SKARDU	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
DRAS	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SONAMARG	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
LEH	16.1	-1.0	22.4	31	10.4	+7.6	5.1	09	0.6	6.7	+ 1.4	2.4	04	0	- 0.6	8.2	7.3	+0.5	0	6	4	0	0	0	0	0	0	0
SRINAGAR	21.5	-3.1	27.3	30	9.7	-1.5	5.4	07	24.1	45.2	- 14.5	11.3	06	7	+ 1.4	6.5	5.3	+1.0	2	15	0	0	10	0	0	0	0	0
SRINAGAR AERODROME	20.1	..	26.2	30	8.8	..	4.4	07	26.4	47.4	..	9.2	04	7	..	..	..	..	1	10	0	2	17	0	0	0	0	0
GULMARG	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
QAZIGUND	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
BANIHAL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
JAMMU	37.2	-1.8	41.5	30	23.7	-2.1	17.7	06	0.0	1.8	- 21.3	1.8	22	0	- 2.1	7.0	6.1	..	0	1	0	0	1	0	0	0	0	0
JAMMU AERODROME	36.4	..	40.9	30	22.6	..	16.0	06	0.0	1.0	..	0.8	20	0	..	..	..	..	1	1	0	0	12	0	5	0	0	0
GULMARG (RESEARCH INSTITUTE)	12.2	..	18.8	31	2.8	..	- 1.0	10	103.3	210.9	..	27.1	22	19	..	..	..	..	0	21	3	4	6	6	0	0	0	0
RAJASTHAN, WEST																												
GANGANAGAR	39.2	-2.3	44.8	30	..	..	..	..	0.0	17.4	+ 1.6	17.4	17	1	- 0.7	5.7	4.4	-3.6	0	1	0	0	11	0	2	0	0	0
ANUPGARH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
MAHAJAN	40.7	..	46.0	29	23.5	..	15.3	08	0.0	0.0	..	0.0	..	0	..	12.2	9.7	..	0	0	0	0	0	0	0	0	0	0
CHURU	40.1	-1.0	44.6	30	22.3	-2.5	15.9	09	0.0	10.8	- 0.4	7.4	16	1	- 0.8	13.4	9.5	-1.1	0	3	0	0	8	0	1	0	0	0
BIKANER	40.4	-1.6	45.2	30	24.6	-2.6	17.6	07	0.0	10.7	- 2.2	6.2	19	1	- 0.1	13.1	10.3	+0.2	0	4	0	0	12	0	4	0	0	0
NAGAUR	40.5	-0.2	44.0	30	24.3	-1.6	17.4	16	0.0	34.6	+ 30.7	33.6	16	1	+ 0.7	12.8	10.8	-1.5	0	2	0	1	2	0	3	0	0	0
PHALODI	40.9	-0.7	45.0	30	24.0	-2.6	18.5	07	4.2	7.7	- 2.0	4.2	16	2	+ 1.2	19.3	15.9	-4.8	0	2	0	0	2	0	1	0	0	0
JAISALMER	..	..	..	..	..	..	..	..	0.0	0.0	- 3.9	0.0	..	0	- 0.6	16.0	24.7	+6.4	0	0	0	0	0	0	0	0	0	0
JODHPUR	..	..	..	..	..	..	..	..	0.0	0.0	- 9.7	0.0	..	0	- 1.0	0.0	0.0	-5.0	0	0	0	0	0	0	0	0	0	0
BARMER	..	..	..	..	..	..	..	..	0.0	0.0	- 9.7	0.0	..	0	- 0.6	8.0	9.1	-3.8	0	0	0	0	0	0	0	0	0	0
ERINPURA (JAWAI DAM)	39.2	-1.0	41.6	25	24.3	-1.9	16.3	08	0.0	17.4	+ 13.4	17.4	28	1	+ 0.6	4.3	7.5	-3.0	0	1	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER – MAY ,1968 (VAISKHA 11-JYAISTHA 10,1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Tornado
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
RAJASTHAN,WEST (CONTD.)																												
JALORE	40.4	..	42.9	25	..	..	..	..	0.0	0.0	..	0.0	..	0	..	12.2	14.0	..	0	0	0	0	1	0	1	0	0	
RAJASTHAN,EAST																												
PILANI	39.7	-1.0	44.2	30	22.0	-2.3	15.5	07	0.0	1.8	- 11.2	1.8	15	0	- 1.0	15.0	11.5	-2.1	0	1	0	0	3	1	1	0	0	
SIKAR	38.9	-0.8	42.6	30	22.0	-2.3	15.0	11	0.0	9.5	- 2.6	9.5	16	1	+ 0.1	4.0	3.6	-5.8	0	1	0	0	0	0	0	0	0	
ALWAR	39.5	-1.8	43.4	30	26.9	-0.7	20.8	10	10.0	13.6	- 1.8	10.2	16	1	- 1.0	24.6	18.8	..	1	3	0	0	9	0	7	0	0	
JAIPUR(SANGANER)	39.9	-0.7	43.3	30	24.2	-1.6	19.6	06	2.7	7.8	- 5.4	7.8	16	1	- 0.5	..	..	..	0	1	0	0	8	0	4	0	0	
DHOLPUR	42.9	+0.5	45.6	15	26.0	-1.4	18.0	04	0.5	0.5	- 10.1	0.5	25	0	- 1.2	10.3	6.6	-1.1	0	1	0	0	2	0	2	0	0	
AJMER	39.0	-0.5	42.3	30	25.8	-1.5	18.7	07	2.2	12.6	- 3.4	10.4	16	1	- 0.4	16.1	12.6	-0.5	0	2	0	0	1	0	0	0	0	
TONK	40.9	-0.9	43.5	31	25.3	-0.8	18.7	11	1.8	1.8	- 10.1	1.8	28	0	- 1.0	12.4	9.4	-0.9	0	1	0	0	0	0	0	0	0	
BHILWARA	39.9	..	42.7	30	23.9	..	17.3	07	0.0	3.4	..	2.4	16	0	..	12.9	9.0	..	0	2	0	0	1	0	1	0	0	
KOTA	41.3	-1.3	44.0	28	26.4	-3.3	21.4	10	0.0	2.6	- 8.3	2.6	28	1	0.0	11.0	8.4	+0.2	0	1	0	0	2	0	0	0	0	
KOTA AERODROME	41.3	..	44.8	30	27.8	..	21.9	10	5.2	5.8	...	3.8	28	1	..	17.6	13.9	..	0	2	0	0	4	0	1	0	0	
CHAMBAL (RAWAT BHATTA DAM)	40.3	-1.4	43.1	30	26.1	-0.5	21.1	07	0.5	0.5	- 11.4	0.5	28	0	- 1.2	12.3	8.8	-1.3	0	1	0	0	4	0	2	0	0	
UDAIPUR	37.7	-0.9	39.5	24	22.5	-2.4	17.2	10	8.0	28.7	+ 13.0	19.7	28	2	+ 0.6	7.6	4.2	-2.1	0	3	0	0	3	0	0	0	0	
JHALAWAR	41.6	-0.4	44.2	30	25.2	-2.1	19.7	07	0.0	0.0	- 8.1	0.0	..	0	- 1.0	12.0	9.0	0.0	0	0	0	0	2	0	0	0	0	
BANSWARA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	
DUNGARPUR	39.6	..	42.4	30	..	..	..	..	0.0	1.6	..	1.6	28	0	..	..	..	..	0	1	0	0	0	0	1	0	0	
MADHYA PRADESH,WEST																												
GWALIOR	41.6	-1.0	44.4	30	26.0	-2.0	18.6	10	0.0	0.5	- 6.3	0.5	16	0	- 0.9	13.2	8.3	+0.5	0	1	0	0	7	0	0	0	0	
SHEOPUR	41.3	-1.1	44.5	30	25.3	-1.5	20.3	10	0.0	0.0	- 10.0	0.0	..	0	- 0.6	12.3	9.5	0.0	0	0	0	0	1	0	0	0	0	
SHIVPURI	39.8	..	42.4	26	22.6	..	15.5	10	0.0	0.0	..	0.0	..	0	..	12.5	7.8	..	0	0	0	0	0	0	0	0	0	
NOWGONG	41.6	-1.1	44.1	31	23.9	-2.5	18.6	08	0.0	0.0	- 9.1	0.0	..	0	- 0.9	9.2	4.7	-1.3	0	0	0	0	0	0	0	0	0	
GUNA	41.1	-0.4	43.7	28	24.4	-1.4	18.3	11	0.0	0.0	- 10.9	0.0	..	0	- 0.9	16.2	10.6	+0.2	0	0	0	0	0	0	0	0	0	
NIMACH	39.0	-1.0	41.7	30	25.1	-1.0	20.2	10	0.0	0.0	- 14.5	0.0	..	0	- 1.2	15.5	13.0	-0.9	0	0	0	0	1	0	0	0	0	
RAJGARH	41.3	-1.1	43.9	31	25.9	-1.1	19.1	11	0.0	0.0	- 13.3	0.0	..	0	- 1.1	14.6	12.5	0.0	0	0	0	0	0	0	0	0	0	
SAGAR	40.6	-0.1	42.9	28	22.5	-4.5	19.5	10	0.0	0.0	- 9.9	0.0	..	0	- 1.1	12.3	14.5	+4.4	0	0	0	0	0	0	0	0	0	
RATLAM	39.4	-0.1	41.5	02	24.5	-1.4	19.5	09	0.0	0.0	- 10.6	0.0	..	0	- 0.9	16.5	11.3	+0.4	0	0	0	0	0	0	0	0	0	
BHOPAL(BAIRAGARH)	40.1	-0.6	42.6	31	24.1	-2.3	19.3	09	0.0	0.0	- 10.2	0.0	..	0	- 0.8	19.6	15.5	+3.6	0	0	0	0	0	0	0	0	0	
UJJAIN	38.1	..	41.3	01	22.9	..	15.6	09	0.0	0.0	..	0.0	..	0	..	18.5	14.7	..	0	0	0	0	0	0	0	0	0	
NARSINGHPUR	41.7	..	44.0	04	24.1	..	17.0	12	0.0	13.2	..	13.2	01	1	..	9.6	5.8	..	0	1	0	0	0	0	0	0	0	
HOSHANGABAD	42.0	0.0	45.0	30	25.4	-2.2	21.4	12	0.0	0.0	- 11.4	0.0	..	0	- 1.1	8.6	7.1	+0.7	0	0	0	0	0	0	0	0	0	
INDORE	39.2	-0.7	41.6	30	23.1	-1.7	17.5	10	0.0	0.0	- 12.7	0.0	..	0	- 1.3	23.0	20.7	-3.7	0	0	0	0	0	0	0	0	0	
RAJPUR(JHABUA)	39.0	-0.7	41.0	04	23.7	-2.0	21.0	08	0.0	0.0	- 11.4	0.0	..	0	- 0.3	19.6	15.3	+1.8	0	0	0	0	0	0	0	0	0	
CHHINDWARA	38.7	-0.7	41.0	31	24.5	-1.6	19.6	12	0.0	0.0	- 15.2	0.0	..	0	- 1.2	..	..	..	0	0	0	0	3	0	0	0	0	
SEONI	40.3	-0.1	42.6	27	24.2	-1.3	20.4	07	0.0	0.0	- 23.4	0.0	..	0	- 2.1	10.3	6.1	-0.9	0	0	0	0	3	0	0	0	0	
BETUL	39.2	-0.1	41.2	29	21.4	-3.4	16.9	11	0.0	0.0	- 10.3	0.0	..	0	- 1.0	9.0	5.3	-1.8	0	0	0	0	0	0	0	0	0	
KHANDWA	..	..	..	..	26.2	-1.7	21.0	11	0.0	0.0	- 8.1	0.0	..	0	- 0.7	17.0	14.2	+0.1	0	0	0	0	2	0	0	0	0	
TIKAMGARH	41.2	..	43.6	31	23.6	..	17.0	10	0.0	0.0	..	0.0	..	0	..	10.2	6.5	..	0	0	0	0	1	0	6	0	0	
MADHYA PRADESH,EAST																												
SATNA	41.7	-0.4	45.4	31	25.7	+1.2	21.2	08	0.0	0.0	- 12.5	0.0	..	0	- 1.2	9.5	6.5	-0.9	0	0	0	0	2	0	0	0	0	
REWA	41.5	..	44.0	27	24.3	..	18.4	08	0.0	0.6	..	0.6	17	0	..	7.6	4.5	..	0	1	0	0	0	0	0	0	0	
SIDHI	42.3	+0.3	44.2	07	27.3	+1.5	18.6	10	0.0	16.0	+ 12.9	16.0	17	1	+ 0.4	6.2	3.7	-3.5	0	1	0	0	0	0	0	0	0	
UMARIA	41.2	-0.2	43.7	31	25.3	-1.2	19.5	08	0.0	0.0	- 9.9	0.0	..	0	- 1.0	9.5	6.1	+0.3	0	0	0	0	0	0	0	0	0	
JABALPUR	41.4	-0.5	43.9	27	25.7	-0.2	20.5	11	0.0	0.0	- 14.5	0.0	..	0	- 1.4	9.5	5.6	-1.5	0	0	0	0	1	0	0	0	0	
AMBIKAPUR	39.5	-0.1	42.2	27	23.7	-1.1	18.9	11	0.0	0.0	- 14.8	0.0	..	0	- 1.5	11.6	7.7	-2.0	0	0	0	0	1	0	0	0	0	
JASHPURNAGAR	37.4	..	40.7	31	22.3	..	18.2	12	14.4	33.8	..	14.0	01	4	..	9.7	5.2	..	0	6	0	1	3	0	0	0	0	
PENDRA	38.9	-0.4	41.5	31	26.5	+0.4	22.7	08	0.0	1.4	- 22.7	1.4	30	0	- 2.2	10.8	7.8	-1.5	0	1	0	0	6	0	0	0	0	
MANDLA	40.4	-0.9	43.4	31	21.4	-2.9	15.4	12	0.0	3.2	- 4.5	3.2	03	1	+ 0.1	8.9	4.4	-0.5	0	1	0	0	1	0	0	0	0	
CHAMPA	43.0	0.0	45.8	29	26.8	-2.1	21.3	12	2.2	3.0	- 9.2	2.2	02	0	- 1.3	10.0	6.9	+0.2	0	2	0	0	1	0	0	0	0	
RAIGARH	43.4	+0.6	46.0	31	26.8	-2.1	21.4	12	0.0	0.0	- 13.7	0.0	..	0	- 1.7	8.5	6.0	-0.3	0	0	0	0	0	0	0	0	0	
RAIPUR	42.3	0.0	45.2	31	27.8	-1.0	23.6	12	0.2	0.2	- 21.1	0.2	19	0	- 1.9	11.9	9.6	-1.1	1	0	0	0	3	0	0	0	0	
KANKER	40.2	-0.1	43.0	25	26.4	-0.8	20.9	12	0.0	3.4	- 20.7	3.4	19	1	- 0.9	9.7	8.3	0.0	0	1	0	0	2	0	0	0	0	
JAGDALPUR	37.9	-0.4	41.3	31	23.8	-0.8	18.4	16	30.8	61.7	+ 1.2	29.0	16	4	- 0.8	..	..	..	1	5	0	1	11	0	0	0	3	
GUJARAT REGION(INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																												
DEESA	40.1	-1.2	42.9	29	23.8	-2.0	19.3	08	0.0	0.0	- 9.4	0.0	..	0	- 0.6	12.2	10.0	..	0	0	0	0	0	0	0	0	0	
RADHANPUR	40.5	-1.2	48.4	31	23.0	-1.8	17.5	06	0.0	0.0	0.0	0.0	..	0	0.0	12.3	10.3	-0.3	0	0	0	0	0	0	0	0	0	
IDAR	40.1	-0.5	42.7	29	23.7	-2.1	18.8	07	0.0	0.0	- 2.5	0.0	..	0	- 0.3	11.7	9.1	-1.1	0	0	0	0	0	0	0	0	0	
AHMADABAD	41.2	+0.5	43.8	29	24.9	-1.4	20.3	09	0.0	0.0	- 9.9	0.0	..	0	- 0.7	6.8	5.7	-3.8	0	0	0	0	0	0	0	0	0	
DOHAD	39.2	-0.2	42.0	13	24.5	-1.5	21.1	10	0.0	0.0	- 9.7	0.0	..	0	- 0.4	22.7	23.0	-3.1	0	0	0	0	0	0	0	0	0	
VALLABH VIDYANAGAR	40.3	..	42.6	13	23.9	..	18.5	06	0.0	0.0	.	0.0	..	0	..	10.5	8.4	..	0	0	0	0	0	0	2	0	0	

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - MAY ,1968 (VAISKHA 11-JYAISTHA 10,1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
GUJARAT REGION(INCLUDING DAMAN DADRA AND NAGAR HAVELI)																												
BARODA AERODROME	40.0	-0.6	42.1	13	25.2	-1.6	20.7	06	0.0	0.0	- 3.7	0.0	..	0	- 0.2	11.8	12.6	+0.5	0	0	0	0	0	0	0	0	0	0
BARODA	40.4	-0.3	42.8	13	25.4	-0.7	20.7	06	0.0	0.0	- 4.1	0.0	..	0	- 0.1	7.9	7.3	-1.3	0	0	0	0	0	0	0	0	0	0
BROACH	..	..	..	..	..	..	..	..	..	0.0	- 17.0	0.0	..	0	- 0.5	8.2	6.0	-5.3	0	0	0	0	0	0	0	0	0	0
SURAT	35.3	-0.9	39.0	14	24.2	-2.4	21.3	06	0.0	0.0	- 7.1	0.0	..	0	- 0.3	16.3	12.2	+1.2	0	0	0	0	0	0	0	0	0	0
SAURASHTRA AND KUTCH(INCLUDING DIU																												
NALIYA	33.7	-1.5	37.2	05	23.1	-1.7	17.0	09	0.0	0.0	0.0	0.0	..	0	0.0	22.5	16.7	-0.9	0	0	0	0	0	0	1	0	0	0
BHUJ(RUDRAMATA)	38.8	+0.1	41.6	29	24.1	-1.5	20.1	07	0.0	0.0	- 7.4	0.0	..	0	- 0.2	22.6	18.9	+1.3	0	0	0	0	0	0	0	0	0	0
KANDLA AERODROME	39.3	..	41.8	20	23.7	..	19.2	06	0.0	0.0	..	0.0	..	0	..	30.9	26.7	..	0	0	0	0	0	0	0	0	0	0
NEW KANDLA	34.7	-1.4	38.9	04	24.8	-1.3	21.3	08	0.0	0.0	0.0	0.0	..	0	0.0	32.1	27.8	+2.1	0	0	0	0	0	0	0	0	0	0
MANDVI	31.3	-1.4	32.5	31	24.3	-1.9	18.5	07	0.0	0.0	0.0	0.0	..	0	0.0	..	..	..	0	0	0	0	0	0	0	0	0	0
SURENDRANAGAR	40.7	-1.1	43.0	29	24.8	-1.3	21.9	06	0.0	0.0	- 5.1	0.0	..	0	- 0.4	15.1	16.7	-1.6	0	0	0	0	0	0	0	0	0	0
OKHA	30.8	..	32.2	25	25.4	..	23.3	10	0.0	0.0	..	0.0	..	0	..	25.9	23.7	..	0	0	0	0	0	0	0	0	0	0
JAMNAGAR AERODROME	35.6	-0.5	39.0	29	23.2	-2.2	18.6	06	0.0	0.0	- 6.1	0.0	..	0	- 0.3	..	..	..	0	0	0	0	0	0	0	0	0	0
DWARKA	30.6	-0.6	31.8	29	26.0	-1.0	24.7	12	0.0	0.0	- 0.8	0.0	..	0	0.0	10.1	9.6	-0.4	0	0	0	0	0	0	0	0	0	0
RAJKOT	39.6	-0.9	42.2	25	22.8	-1.9	18.5	06	0.0	0.0	- 2.5	0.0	..	0	- 0.3	29.4	26.8	+0.6	0	0	0	0	0	0	0	0	0	0
BHAVNAGAR AERODROME	39.3	-0.3	42.8	22	24.6	-1.4	20.8	07	0.0	0.0	- 1.4	0.0	..	0	- 0.2	25.5	22.3	+8.4	0	0	0	0	0	0	0	0	0	0
PORBANDER AERODROME	31.6	-0.7	34.0	21	24.0	-2.5	19.7	05	0.0	0.0	- 0.1	0.0	..	0	0.0	21.0	14.5	..	0	0	0	0	0	2	0	0	0	0
KESHOD	36.0	-1.8	40.2	21	23.1	-1.9	19.1	09	0.0	0.0	- 0.2	0.0	..	0	0.0	28.2	18.5	-3.1	0	0	0	0	0	3	0	0	0	0
MAHUVA	34.2	..	37.3	01	21.9	..	17.3	06	0.0	0.0	0.0	0.0	..	0	0.0	18.1	13.2	..	0	0	0	0	0	0	0	0	0	0
VERAVAL	30.5	-0.6	31.9	20	24.1	-1.8	20.4	09	0.0	0.0	- 7.9	0.0	..	0	- 0.3	21.1	18.0	+0.7	0	0	0	0	0	0	0	0	0	0
DIU	31.0	..	35.0	01	24.2	..	21.0	12	0.0	0.0	..	0.0	..	0	..	25.5	18.4	..	0	0	0	0	0	0	0	0	0	0
KONKAN(INCLUDING GOA)																												
DAHANU	31.1	-1.8	33.5	30	26.1	-0.7	23.3	10	0.0	0.0	- 5.8	0.0	..	0	- 0.5	14.6	11.2	-5.3	0	0	0	0	0	0	0	0	0	0
BOMBAY(SANTACRUZ)	32.2	-1.0	34.2	23	24.6	-1.6	22.3	07	0.0	0.0	- 20.4	0.0	..	0	- 1.4	17.7	11.1	-1.7	0	0	0	0	0	0	0	0	0	0
BOMBAY	32.0	-1.3	33.8	29	25.6	-1.3	23.7	06	0.0	0.0	- 18.3	0.0	..	0	- 0.8	14.4	8.4	-1.6	0	0	0	0	0	0	0	0	0	0
ALIBAG	31.0	-0.8	33.5	31	24.9	-1.5	22.6	08	..	0.0	- 17.8	0.0	..	0	- 0.9	..	13.2	+0.2	0	0	0	0	0	0	0	0	0	0
BHIRA	38.9	..	42.5	14	21.4	..	17.6	06	0.0	0.0	..	0.0	..	0	..	5.5	3.2	..	0	0	0	0	0	0	0	0	0	0
HARNAI	29.4	-1.3	31.0	31	25.8	-1.4	23.3	04	0.0	0.0	- 44.0	0.0	..	0	- 2.7	20.6	17.6	+1.1	0	0	0	0	0	0	0	0	0	0
RATNAGIRI	31.8	-0.9	33.1	26	25.9	-0.9	22.9	08	0.0	0.0	- 30.7	0.0	..	0	- 1.7	11.9	7.1	..	0	0	0	0	0	0	0	0	0	0
DEVGARH	32.2	-0.4	33.7	22	25.4	-1.8	23.3	06	1.4	1.4	- 51.7	1.4	19	0	- 3.1	21.1	18.4	+0.8	0	1	0	0	0	0	0	0	0	0
VENGURLA	32.2	-0.4	33.3	28	24.9	-1.0	22.0	06	0.0	0.0	- 85.1	0.0	..	0	- 4.3	15.2	8.9	..	0	0	0	0	3	0	0	0	0	0
PANJIM	32.1	..	33.4	20	25.6	..	23.3	27	0.0	19.5	..	14.0	22	2	..	20.1	14.5	..	0	2	0	0	2	0	0	0	0	0
MORMUGAO	31.1	-0.2	32.4	31	26.3	-0.6	23.2	27	0.0	6.8	- 52.2	6.8	27	1	- 1.4	15.6	14.6	0.0	0	1	0	0	0	0	0	0	0	0
DABOLIM(NAVAL AIR STN.)	..	..	..	..	26.5	..	24.0	27	0.0	2.1	..	2.1	27	0	..	15.1	11.4	..	0	1	0	0	3	0	0	0	0	0
MADHYA MAHARASHTRA																												
NANDURBAR	40.4	-0.3	43.4	14	26.9	+0.2	22.9	23	0.0	0.0	- 17.7	0.0	..	0	- 1.1	14.7	14.2	+1.3	0	0	0	0	0	0	0	0	0	0
JALGAON	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
MALEGAON	42.8	+0.2	45.2	14	26.1	-1.1	21.7	07	0.0	0.0	- 10.6	0.0	..	0	- 0.9	24.7	23.0	+1.4	0	0	0	0	0	0	0	0	0	0
OZAR	37.7	..	40.4	13	19.3	..	15.6	04	0.0	0.0	..	0.0	..	0	..	22.3	17.4	..	0	0	0	0	0	0	0	0	0	0
AHMADNAGAR	40.0	+0.9	41.7	14	22.1	-1.0	16.4	07	0.0	0.0	- 20.8	0.0	..	0	- 1.6	12.9	10.1	-0.1	0	0	0	0	1	0	0	0	0	0
KHANDALA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
POONA AERODROME	37.6	..	40.8	13	20.5	..	14.5	07	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
POONA	37.8	+1.1	40.4	13	21.4	-1.0	13.8	06	0.0	0.0	- 27.4	0.0	..	0	- 1.8	12.6	9.9	..	0	0	0	0	0	0	0	0	0	0
JEUR	39.5	-0.2	41.2	13	23.5	-0.7	18.6	06	0.0	0.0	- 43.9	0.0	..	0	- 2.7	12.8	14.3	-0.1	0	0	0	0	0	0	0	0	0	0
BARAMATI	40.0	+1.3	41.9	13	22.2	-1.5	15.8	07	3.0	4.0	- 37.5	3.0	30	1	- 1.6	14.5	13.7	-0.7	0	2	0	0	2	0	0	0	0	0
SHOLAPUR	40.5	+0.1	43.2	14	25.2	-0.3	21.0	06	0.0	0.6	- 21.7	0.6	29	0	- 1.9	13.9	10.8	-1.1	0	1	0	0	1	0	1	0	0	0
MIRAJ	38.0	+0.6	40.4	14	21.7	-1.0	17.5	07	10.2	10.4	- 46.0	10.2	20	1	- 2.4	..	..	..	1	1	0	0	6	0	0	0	0	0
KOLHAPUR	36.7	+1.0	40.4	14	21.3	-1.2	17.3	07	15.6	22.0	- 56.2	15.6	21	2	- 2.5	14.6	14.6	-0.5	0	3	0	0	2	0	0	0	0	0
NASIK	38.8	..	40.0	27	31.3	..	30.0	02	..	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
MARATHWADA																												
AURANGABAD	39.8	0.0	41.8	14	24.3	-0.7	19.8	07	0.0	0.0	- 16.8	0.0	..	0	- 1.2	14.7	14.9	-2.2	0	0	0	0	0	0	0	0	0	0
AURANGABAD(CHIKALTHAN)	39.5	+0.3	41.4	29	21.9	-1.5	17.5	07	0.0	0.0	- 24.2	0.0	..	0	- 1.9	18.2	14.6	-2.7	0	0	0	0	1	0	0	0	0	0
PARBHANI	41.1	-0.6	43.1	31	24.6	-2.1	19.7	06	0.0	0.0	- 18.8	0.0	..	0	- 1.4	10.9	8.6	-4.0	0	0	0	0	0	0	0	0	0	0
NANDER	41.9	..	43.6	14	23.9	..	19.0	07	..	0.0	..	0.0	..	0	..	9.2	6.6	..	0	0	0	0	0	0	0	0	0	0
BIR	40.7	..	42.7	29	23.8	..	16.5	07	0.0	0.0	..	0.0	..	0	..	11.1	7.4	..	0	0	0	0	0	0	0	0	0	0
VIDARBHA																												
GONDIA	42.1	0.0	44.5	31	27.1	-1.8	22.8	11	0.0	0.0	- 6.1	0.0	..	0	- 0.7	4.4	3.5	-2.1	0	0	0	0	1	0	0	0	0	0
NAGPUR(SONEGAON)	41.9	-0.9	44.3	30	26.6	-1.8	22.3	11	1.2	1.2	- 19.6	1.2	31	0	- 2.1	16.3	13.2	-0.3	0	1	0	0	2	0	0	0	2	0
AMRAOTI	42.0	-0.2	43.8	25	25.9	-1.9	20.8	07	3.4	3.4	- 9.8	3.4	29	1	- 0.2	15.1	11.3	-1.0	0	1	0	0	0	1	0	0	0	0
AKOLA AERODROME	42.4	..	44.6	29	26.1	..	22.0	11	0.0	0.0	..	0.0	..	0	..	15.0	13.4	..	0	0	0	0	2	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - MAY 1968 (VAISKHA 11-JYAISTHA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena - No. of days with											
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
VIDARBHA (CONTD)																														
AKOLA	42.1	-0.3	46.5	01	26.5	-1.6	21.5	11	0.0	0.0	- 10.7	0.0	..	0	- 1.1	13.5	11.5	-2.0	0	0	0	0	0	0	0	0	0	0
BRAMHAPURI	42.3	+0.2	44.5	25	23.7	-2.7	18.9	08	0.0	0.0	- 24.8	0.0	..	0	- 1.9	9.5	6.5	-1.2	0	0	0	0	0	0	0	0	0	0
BULDANA	38.3	0.0	40.1	29	23.8	-2.4	19.5	07	0.0	0.0	- 18.1	0.0	..	0	- 1.7	14.5	14.0	-1.0	0	0	0	0	1	0	0	0	0	0
YEOTMAL	42.1	+0.3	44.4	29	26.4	-1.9	22.1	07	1.8	4.2	- 8.6	1.8	29	0	- 1.0	16.5	14.6	-0.9	0	0	0	0	2	0	0	0	0	0
CHANDRAPUR	43.1	+0.3	45.2	25	27.3	-1.0	21.8	11	0.0	2.6	- 11.1	1.8	31	0	- 1.3	17.6	7.7	+0.4	0	2	0	0	4	0	0	0	0	0
PUSAD	42.1	..	44.0	24	..	..	..	..	0.0	0.0	..	0.0	..	0	..	12.2	9.4	..	0	0	0	0	1	0	0	0	0	0
SIRONCHA	42.5	+0.4	45.2	30	28.0	-1.3	22.7	08	0.0	2.1	- 14.4	1.4	30	0	- 1.3	8.8	5.9	-1.2	0	2	[illegible]	[illegible]	[illegible]	0	0	0	0	0
WARDHA	42.9	..	44.7	29	25.7	..	21.2	07	0.0	1.6	..	1.6	01	0	..	12.0	9.4	..	0	1	[illegible]	[illegible]	1	0	0	0	0	0
BHANDARA	41.7	..	44.0	25	..	..	..	..	0.0	0.0	..	0.0	..	0	..	3.6	2.2	..	0	0	0	0	0	0	0	0	0	0
COASTAL ANDHRA PRADESH																														
KALINGAPATAM	34.4	+0.5	39.7	08	26.3	-1.1	22.7	07	0.0	3.4	- 51.2	..	..	..	..	17.6	16.2	-0.8	.	..	0	[illegible]	1	0	0	0	0	0
VISHAKHAPATNAM	36.5	+2.5	41.9	08	27.3	-0.5	21.1	17	0.0	25.7	- 22.6	24.0	17	1	- 1.6	26.7	18.6	+2.7	0	2	0	[illegible]	5	0	0	1	1	0
KAKINADA	37.9	+1.0	43.7	07	27.5	-0.2	25.6	26	0.0	0.0	- 42.4	0.0	..	0	- 2.7	9.2	7.4	-3.7	0	0	[illegible]	0	0	0	0	0	0	0
NIDADAVOLE	38.1	-0.2	43.0	07	26.5	-0.4	23.5	26	0.0	0.0	- 50.2	0.0	..	0	- 2.4	10.2	9.3	+1.5	0	0	[illegible]	0	0	0	0	0	0	0
RENTACHINTALA	42.2	+0.7	45.0	22	28.7	+0.1	25.2	26	0.0	0.0	- 36.3	0.0	..	0	- 2.5	7.5	8.4	-2.0	0	0	[illegible]	0	0	0	0	0	0	0
GANNAVARAM	40.2	+0.5	44.2	07	26.8	-0.9	24.3	26	0.0	0.0	- 34.7	0.0	..	0	- 3.1	17.2	12.9	-7.6	0	0	0	0	6	0	1	0	0	0
MASULIPATAM	36.5	0.0	42.5	07	25.3	-2.7	22.6	07	0.0	0.0	- 39.1	0.0	..	0	- 2.2	5.9	3.9	-9.9	0	0	0	0	0	0	0	0	0	0
ONGOLE	39.8	+1.6	44.7	31	..	..	..	..	17.6	17.6	- 45.0	16.2	02	1	- 1.4	13.8	12.1	+1.8	0	2	0	0	0	0	0	1	1	0
NELLORE	40.4	+0.8	43.8	31	27.4	-0.4	25.9	14	0.0	0.0	- 36.6	0.0	..	0	- 1.6	..	..	..	0	0	0	0	0	0	0	0	0	0
VISHAKHAPATNAM (SOLAR)	33.3	..	38.4	06	26.9	..	21.3	17	..	53.0	..	52.3	17	1	..		12.5	..	0	2	0	0	4	2	0	0	0	0
TELANGANA																														
RAMGUNDAM	43.1	+0.3	45.2	24	28.0	-1.7	24.4	08	0.0	25.0	- 8.8	25.0	29	1	- 1.2	8.7	7.8	-0.6	0	1	0	0	2	0	1	0	0	0
NIZAMABAD	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	.	..
HANAMKONDA	40.4	-0.4	43.1	30	26.9	-1.2	22.8	01	0.0	2.8	- 26.4	2.8	17	1	- 0.9	10.4	10.2	-1.9	0	1	0	0	2	0	0	0	0	0
HAKIMPET AERODROME	40.2	..	42.8	22	25.5	..	21.7	08	16.2	18.4	..	13.0	26	2	..	..	..	..	1	4	0	0	7	0	0	1	2	0
BHADRACHALLAM	41.2	+0.4	43.8	31	27.2	-0.8	23.1	08	22.0	25.2	- 0.2	14.0	05	3	+ 0.7	8.9	7.0	-3.1	0	3	0	0	7	0	0	0	0	0
HYDERABAD (BEGAMPET)	39.8	+1.1	42.0	25	24.5	-1.7	20.8	08	0.4	2.7	- 25.8	1.8	01	0	- 2.4	11.7	8.6	-3.8	0	3	0	0	6	0	0	2	3	0
KHAMMAM	41.7	+0.4	44.4	22	27.1	-1.0	23.9	08	0.0	46.0	+ 17.0	36.0	25	2	- 0.2	8.9	7.2	-2.5	0	2	0	1	1	0	0	0	0	0
MAHBUBNAGAR	38.0	-0.4	41.2	24	26.1	-0.1	21.0	01	9.0	39.4	- 21.4	25.4	01	3	- 0.3	10.4	7.9	-3.4	0	3	0	0	3	0	1	1	0	0
RAYALASEEMA																														
KURNOOL	40.6	+0.6	43.8	25	26.7	-0.5	23.3	04	1.6	16.4	- 13.3	11.6	04	2	- 0.7	10.5	10.3	-3.1	0	2	0	0	0	0	0	0	0	0
NANDYL	40.8	..	43.9	23	27.4	..	23.5	04	3.4	3.4	..	2.2	02	0	..	11.8	8.2	..	1	2	0	0	5	0	1	0	0	0
ANANTAPUR	38.7	+0.6	41.1	23	25.7	-0.1	22.0	04	2.0	61.9	+ 8.6	49.4	21	3	- 0.6	11.9	11.6	-0.6	0	4	0	0	11	0	0	1	0	0
CUDDAPAH	39.3	-1.0	42.3	21	28.4	-0.3	24.5	21	0.0	41.0	+ 2.4	25.0	21	2	- 0.6	5.2	4.0	-4.7	0	2	0	0	0	0	0	0	0	0
AROGYAVARAM	35.5	+0.8	37.0	23	23.0	-0.5	21.0	26	8.0	38.8	- 23.8	13.0	19	5	+ 1.0	11.1	8.4	-1.5	0	6	0	0	0	0	0	0	0	0
MADRAS STATE (INCLUDING PONDICHERRY)																														
MADRAS	36.1	+0.5	40.7	10	27.3	-0.1	24.2	02	0.0	0.3	- 70.5	0.3	01	0	- 2.0	12.6	9.9	+0.2	0	1	0	0	0	0	0	0	0	0
MADRAS (MINAMBAKKAM)	37.7	+0.1	41.7	31	27.1	-0.7	23.6	01	6.8	28.6	- 9.3	21.8	01	2	+ 0.7	16.8	13.9	+0.9	0	2	0	0	1	0	0	1	1	0
VELLORE	38.9	+0.5	41.4	31	25.8	-0.8	23.3	02	1.8	14.4	- 53.7	6.2	31	2	- 1.8	7.6	6.9	-1.1	0	5	0	0	9	0	0	0	0	0
TAMBARAM AERODROME	38.9	..	42.7	31	26.8	..	23.3	02	41.9	50.0	..	42.4	01	2	..	..	..	..	0	2	0	0	1	0	0	0	0	0
TIRUPPATTUR	34.6	-1.9	37.3	29	22.5	-1.6	20.8	04	101.1	136.1	+ 70.9	75.3	04	5	+ 1.0	5.5	4.3	-0.4	0	5	0	0	0	0	0	0	0	0
METTUR DAM R.S.	37.1	..	40.6	22	25.3	..	21.1	31	0.0	84.8	..	36.9	04	4	..	6.2	8.0	..	0	5	0	0	5	0	0	0	0	0
CUDDALORE	35.8	+0.1	39.4	30	26.1	-1.0	23.6	02	0.0	9.5	- 39.8	6.5	02	2	+ 0.3	15.0	13.0	+0.4	0	2	0	0	2	0	0	0	0	0
KALLAKKURICHCHI	38.4	0.0	41.4	22	..	..	..	..	2.4	14.0	- 74.8	7.0	04	2	- 2.5	..	..	..	0	3	0	0	0	0	0	0	0	0
SALEM	36.7	-0.1	39.9	22	25.1	-0.4	21.4	04	19.8	143.9	+ 37.5	67.3	04	5	- 1.5	6.1	5.5	-2.6	0	5	0	0	10	0	0	0	0	0
COIMBATORE (PILAMEDU)	34.1	+0.2	36.1	23	22.8	-0.5	20.1	04	4.0	45.6	- 27.0	21.2	04	3	- 1.8	21.2	19.4	-3.6	1	5	0	0	8	1	0	0	0	0
COIMBATORE	34.1	+0.6	36.6	23	23.1	-0.5	20.0	10	..	32.0	- 31.5	17.4	03	3	- 1.3	.	9.5	-1.1	0	3	0	0	4	0	0	0	0	0
NAGAPATTINAM	35.5	0.0	38.7	30	27.0	-0.4	22.3	03	0.0	32.6	- 16.4	22.8	02	2	0.0	16.6	12.7	0.0	0	2	0	0	1	0	0	0	0	0
TIRUCHCHIRAPPALLI	37.0	-0.1	40.3	22	25.5	-0.9	21.6	02	0.0	23.5	- 58.3	14.5	02	2	- 2.0	11.1	10.5	-6.9	0	3	0	0	4	0	0	2	2	0
VEDARANNIYAM	34.2	..	36.0	31	25.4	..	20.8	02	0.0	18.4	..	17.2	02	1	..	10.8	9.1	..	0	3	0	0	1	0	0	0	0	0
ATIRAMPATTINAM	33.4	..	35.6	24	26.6	..	23.0	01	0.0	0.0	..	0.0	..	0	..	16.7	15.0	..	0	0	0	0	0	0	0	0	0	0
MADURAI	37.6	+0.1	40.0	26	25.1	-1.2	23.2	15	..	0.0	- 67.3	0.0	..	0	- 4.7	.	6.2	-0.1	0	0	0	0	0	0	0	0	0	0
MADURAI AERODROME	37.1	+0.8	40.0	25	24.7	-1.1	22.1	14	1.0	4.1	- 47.9	2.6	24	1	- 2.0	8.7	7.8	-2.9	0	3	0	0	7	0	0	0	1	0
TONDI	33.3	0.0	35.6	30	26.5	-0.2	24.0	04	0.0	0.7	- 63.5	0.7	02	0	- 2.7	17.3	15.9	-0.2	0	1	0	0	0	0	0	0	0	0
PAMBAN	32.2	-0.4	33.1	07	26.6	-0.9	24.1	02	0.0	17.4	- 7.5	17.4	02	1	- 0.8	17.8	17.3	-0.7	0	1	0	0	0	0	0	0	0	0
TUTICORIN	34.3	0.0	36.9	30	25.4	-1.5	23.7	12	6.6	6.6	- 30.6	6.6	02	1	- 2.2	16.1	11.6	-2.3	0	1	0	0	1	0	0	0	0	0
PALAYANKOTTAI	38.9	+2.4	41.8	13	28.2	+1.2	25.5	02	13.2	13.2	- 26.2	..	..	..	..	11.9	8.4	-1.5	.	..	0	0	0	0	0	0	0	0
KANNIYAKUMARI	33.2	..	35.2	24	26.0	..	23.8	13	0.0	0.0	..	0.0	..	0	..	23.5	21.2	..	0	0	0	0	0	0	0	0	0	0
PONDICHERRY	34.3	..	39.0	31	26.6	..	24.9	14	0.0	13.2	..	7.8	03	2	..	22.9	20.5	..	0	2	0	0	0	0	0	0	0	0
PORTNOVO	35.8	..	39.2	23	23.6	..	20.7	03	..	28.0	..	26.4	02	1	..	.	12.5	..	0	2	0	0	4	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER – MAY ,1968 (VAISKHA 11-JYAISTHA 10,1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena- No. of days with										
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 @ 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
MADRAS STATE(INCLUDING PONDICHERRY																												
TUTICORIN H.P	33.0	..	36.7	06	26.6	..	23.6	02	15.8	17.3	..	17.3	02	1	..	21.1	14.0	..	0	1	0	0	3	0	0	0	0	0
COASTAL MYSORE																												
KARWAR	32.1	+0.6	33.2	22	25.1	-1.2	21.9	08	0.0	0.0	- 96.2	0.0	..	0	- 3.9	10.7	8.3	..	0	0	0	0	0	0	0	0	0	0
HONAVAR	32.9	+0.6	33.8	06	25.3	-0.5	21.6	08	0.0	0.3	-114.5	0.3	31	0	- 4.9	..	..	..	0	1	0	0	4	0	0	0	0	0
MANGALORE(BAJPE)	33.3	+1.1	34.3	23	25.3	+0.7	22.1	09	1.7	19.0	-309.9	11.3	23	2	- 9.9	12.6	7.7	-1.1	1	5	0	0	6	0	0	0	0	0
MANGALORE	32.0	-0.1	33.0	29	25.0	-1.0	21.2	10	1.6	1.6	-175.9	1.6	19	0	- 7.2	12.1	10.2	+0.6	0	1	0	0	0	0	0	0	0	0
MANGALORE H.P	32.7	..	33.6	23	25.8	..	22.3	09	5.4	19.6	..	12.2	23	2	..	16.2	10.8	..	2	4	0	0	7	0	0	0	1	0
INTERIOR MYSORE NORTH																												
BIDAR	38.6	0.0	40.7	24	25.4	-0.6	21.2	04	52.5	54.6	+ 29.5	48.0	17	2	- 0.4	11.8	11.6	-2.1	0	4	0	0	5	0	0	0	0	0
GULBARGA	40.2	0.0	43.0	25	25.7	-0.6	22.2	07	34.6	34.6	+ 6.7	22.1	02	2	- 0.5	15.1	10.5	-4.3	0	2	0	0	5	0	0	0	0	0
BIJAPUR	40.0	+1.5	42.2	13	23.6	-0.3	19.8	07	6.4	6.6	- 22.9	5.8	30	1	- 1.5	8.7	10.0	-0.5	0	2	0	0	1	0	0	0	0	0
RAICHUR	38.9	-0.7	41.5	24	26.3	-0.2	23.0	08	0.0	27.6	+ 1.2	21.8	30	2	- 0.4	11.6	12.9	-1.7	0	3	0	0	3	0	0	0	0	0
BELGAUM	35.3	+1.3	38.9	17	21.9	+1.3	19.3	24	58.2	96.0	+ 29.5	42.0	18	4	- 0.7	7.7	5.8	-4.8	0	6	0	0	0	0	0	0	0	0
BELGAUM(SAMRA)	35.1	+1.8	37.8	14	20.0	-0.8	16.0	08	56.2	106.8	- 20.9	42.6	18	5	- 2.6	13.6	13.3	-5.2	0	7	0	2	9	0	0	1	1	0
GADAG	36.9	+0.4	39.8	25	21.4	-1.2	18.0	08	20.8	45.8	- 23.3	16.8	29	5	+ 0.5	10.3	13.1	-0.7	1	7	0	0	14	0	0	0	0	0
BIDAR A.F	38.9	..	40.8	29	24.2	..	20.0	08	14.1	19.4	..	16.4	17	2	..	..	..	..	0	2	0	0	10	0	0	0	0	0
INTERIOR MYSORE, SOUTH																												
BELLARY	33.5	+0.6	41.6	23	25.1	-0.7	20.6	08	35.0	60.0	+ 11.7	22.0	26	6	+ 2.5	9.6	9.1	-1.1	0	6	0	0	1	0	0	0	0	0
CHITRADURGA	35.3	+0.2	38.2	14	22.0	-0.3	19.0	09	6.6	38.6	- 40.7	10.4	26	7	+ 2.5	9.1	9.7	-0.9	0	8	0	0	9	0	0	0	0	0
SHIMOGA	..	..	..	..	..	..	..	..	7.2	33.0	- 84.6	16.6	03	4	- 2.6	6.5	5.5	-0.8	0	6	0	0	12	0	0	0	0	0
AGUMBE	29.6	..	31.4	28	19.2	..	14.6	09	..	4.0	..	2.0	03	0	..	.	4.0	..	0	3	0	0	0	0	0	0	0	0
BALEHONNUR	32.5	+3.1	35.4	16	18.9	-0.6	14.7	09	..	26.2	- 92.9	9.2	23	3	- 4.7	..	..	..	0	8	0	0	0	0	0	0	0	0
HASSAN	30.1	-1.4	34.9	17	19.0	-1.3	14.8	09	4.8	56.8	- 58.5	14.6	02	5	- 2.4	7.5	7.7	-3.8	0	7	0	0	4	0	0	0	0	0
BANGALORE	33.8	+1.1	35.5	22	21.1	0.0	18.8	09	39.3	96.5	- 10.9	20.5	24	7	+ 0.3	7.3	6.3	-5.5	0	11	0	1	17	0	0	2	5	0
BANGALORE AERODROME	33.0	+0.1	34.6	12	19.9	-1.3	17.0	10	21.7	138.7	+ 30.2	42.6	02	9	+ 2.0	..	..	..	0	12	0	2	17	0	0	2	6	0
MYSORE	31.9	-0.7	34.5	12	20.9	-0.3	17.6	10	0.0	141.3	- 9.8	47.4	18	8	- 0.1	12.4	9.8	-0.4	0	8	0	0	3	0	0	0	0	0
YALAHANKA A.F	33.9	..	35.7	25	20.4	..	17.7	09	11.2	53.8	..	21.4	02	4	..	..	..	..	0	8	0	0	18	0	0	0	0	0
KERALA																												
CALICUT	32.7	+0.2	34.6	31	25.3	-0.3	21.6	04	17.6	74.8	-186.8	38.0	04	4	- 5.0	10.1	8.9	-3.6	0	4	0	0	3	0	0	0	0	0
PALGHAT	33.7	+0.3	36.2	29	24.5	-0.3	21.4	26	8.8	48.8	-139.7	33.6	04	3	- 5.4	13.7	11.5	-0.3	0	4	0	0	1	0	0	0	0	0
FORT COCHIN	31.1	+0.2	32.2	04	25.1	-0.6	22.4	02	7.3	115.5	-186.2	44.4	02	5	- 7.4	14.2	11.8	+0.9	0	8	0	0	7	0	0	0	0	0
COCHIN(NAVAL AIR STATION)	31.7	..	32.9	23	25.1	..	22.3	02	8.0	153.5	..	55.9	02	7	..	12.6	9.6	..	0	11	0	0	13	2	0	0	1	0
ALLEPPEY	32.2	+0.6	33.6	19	25.5	+0.2	21.9	02	1.0	135.2	-238.8	33.8	19	7	- 6.7	16.0	13.9	+0.3	0	8	0	0	11	0	0	0	0	0
PUNALUR	34.9	+2.4	37.8	20	23.5	-0.4	20.4	11	0.0	50.8	-350.9	17.6	02	5	-11.0	5.2	3.3	-0.1	0	6	0	0	0	0	0	0	0	0
TRIVANDRUM	32.2	+0.6	33.9	26	24.6	-0.4	23.2	04	0.0	17.1	-195.7	6.7	04	2	- 7.5	17.1	11.0	+1.8	0	4	0	0	14	0	0	0	0	0
TRIVANDRUM AERODROME	32.1	+0.7	33.1	17	25.1	+0.4	23.5	02	..	12.2	-287.8	10.2	30	1	-12.6		14.1	+5.8	0	4	0	0	10	0	0	0	0	0
ARABIAN SEA ISLANDS																												
AMINI	32.6	0.0	33.6	17	27.3	0.0	24.0	11	0.0	0.0	-125.2	0.0	..	0	- 5.2	17.9	18.5	+4.9	0	0	0	0	1	0	0	0	0	0
AGATTI	32.0	..	32.6	07	..	..	..	..	0.0	0.0	..	0.0	..	0	..	17.3	11.3	..	0	0	0	0	1	0	0	0	0	0
ANDROTH	33.2	..	34.5	23	27.1	..	23.2	24	21.3	42.5	..	21.2	23	2	..	6.3	5.0	..	0	3	0	0	0	0	0	0	0	0
MINICOY	31.6	+0.3	32.4	25	26.1	-0.2	23.7	12	0.0	7.4	-172.2	4.8	10	2	- 6.7	11.6	9.3	-2.0	0	2	0	0	0	0	0	0	0	0
HILL STATIONS(EXCLUDING KASHMIR)																												
DALHOUSIE	24.9	-1.0	29.6	30	12.4	-3.3	5.8	09	3.6	29.7	- 17.3	10.2	20	3	- 1.0	..	..	..	0	9	0	1	0	0	0	0	0	0
DHARMASALA	29.8	-1.0	33.9	30	18.3	-3.0	13.8	04	2.5	11.0	- 43.6	3.2	04	2	- 1.9	4.4	3.7	-2.7	3	5	0	0	2	0	0	0	0	0
BHUNTAR	30.1	..	34.4	31	11.7	..	6.1	10	26.7	72.6	..	31.0	20	5	..	10.1	8.2	..	0	10	0	0	19	0	0	0	0	0
SIMLA	22.4	-1.0	27.6	30	13.7	-1.3	8.7	24	1.6	5.2	- 54.5	2.4	24	0	- 5.2	6.0	4.3	-0.1	0	3	0	0	0	0	0	0	0	0
DHARMPUR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
GHANGARIA (KANJALIA TOK)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	.	..	..	..	.	.
BADRINATH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
JOSHIMATH	26.2	-0.2	31.2	31	13.5	-0.6	10.4	09	19.6	35.6	+ 13.9	9.6	27	5	+ 2.4	6.3	8.8	+0.7	0	5	0	0	0	0	0	0	0	0
MUSSOORIE	24.3	-0.5	28.1	30	13.6	-1.5	8.7	10	8.0	8.0	- 43.8	4.0	02	2	- 2.2	3.4	10.2	+1.8	0	2	0	1	2	0	0	0	0	0
MUKTESWAR(KUMAUN)	24.6	+1.1	28.5	30	13.3	-0.6	9.3	16	0.2	7.4	- 49.0	3.6	01	2	- 3.0	..	..	..	1	2	0	0	7	0	0	0	0	0
NAINITAL	23.8	-0.2	27.8	31	15.0	-0.4	10.5	10	0.0	5.5	- 70.0	3.5	16	1	- 2.5	9.1	8.9	+0.9	0	2	0	0	0	0	0	0	0	0
KALIMPONG	25.6	+1.5	29.0	08	16.1	-1.2	14.5	15	10.0	73.7	- 71.1	18.2	01	8	- 3.1	16.1	13.4	+4.4	0	19	0	0	0	0	0	0	0	0
DARJEELING	..	..	..	..	12.7	-0.2	8.6	14	19.4	100.9	-130.5	18.0	20	12	- 3.2	3.4	3.2	-0.3	0	17	0	0	2	12	0	0	0	0
KOHIMA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SHILLONG(C.S.O.)	24.3	-0.1	27.2	12	15.6	-1.1	10.2	14	85.2	207.7	- 87.7	39.6	21	12	- 5.8	8.6	9.9	+3.0	0	15	0	0	6	1	0	0	0	0
CHERRAPUNJI	23.3	+1.2	26.2	10	14.8	-1.5	12.2	14	378.6	1665.7	+317.7	255.5	29	27	+ 4.9	7.9	9.8	-1.9	0	27	0	0	1	16	0	0	0	0
ABU	36.3	-1.2	32.9	25	19.5	-2.8	15.6	06	0.0	5.2	- 14.8	5.2	28	1	- 0.1	12.8	7.3	-3.1	0	1	0	0	1	0	0	0	0	0
AIJAL	25.9	-0.2	29.6	05	17.6	+0.2	12.6	14	10.2	32.2	-328.0	8.0	02	5	- 9.3	..	..	..	2	13	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER – MAY , 1968 (VAISKHA 11-JYAISTHA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena- No. of days with										
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
HILL STATIONS(EXCLUDING KASHMIR)																												
PACHMARHI	34.5	-1.5	36.8	31	23.8	-0.5	16.6	11	0.0	0.6	- 15.9	0.6	01	0	- 1.6	8.3	7.1	+0.3	0	1	0	0	1	0	0	0	0	0
MAHABALESHWAR	30.3	+1.5	33.6	18	17.1	-1.1	13.6	05	0.0	0.0	- 47.0	0.0	..	0	- 2.7	13.2	13.8	+2.2	0	0	0	0	0	0	0	0	0	0
MERCARA	27.2	+0.9	29.5	17	16.3	-2.0	10.4	10	20.0	64.7	- 71.2	21.8	04	7	- 1.3	11.1	10.3	+0.3	0	10	0	0	14	1	0	0	0	0
OOTACAMUND	22.2	+0.4	23.9	14	10.1	-1.1	7.3	04	51.2	100.4	- 58.3	24.0	26	7	- 4.9	1.3	0.8	-3.4	0	9	0	0	7	0	0	0	0	0
COONOOR	25.6	+1.4	27.0	07	11.7	-3.3	9.0	10	..	89.6	- 25.1	26.0	31	5	- 2.1	..	..	..	0	8	0	0	0	0	0	0	0	0
KODAIKANAL	20.5	+0.1	22.4	22	12.1	-0.6	9.6	04	30.6	79.0	- 77.7	22.7	04	7	- 3.6	12.5	11.9	+0.1	0	9	0	2	10	0	0	0	0	0
NEPAL																												
KATMANDU	30.7	+0.3	34.4	28	13.7	-2.2	9.0	11	65.5	130.2	+ 17.4	62.4	19	7	- 2.2	4.3	2.5	+0.6	0	9	0	1	11	1	0	0	0	0
SIKKIM																												
LACHEN	13.8	-2.3	15.8	30	5.4	+0.6	0.8	13	12.4	75.4	- 72.1	12.7	20	14	- 3.5	..	..	..	0	17	0	0	0	0	0	0	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																												
DAMODAR CATCHMENT																												
TILAIYA	40.0	..	49.0	31	25.9	..	18.9	17	5.0	9.4	..	6.0	17	1	..	4.2	2.9	..	0	4	0	0	0	0	0	0	0	0
HAZARIBAGH	38.0	..	40.7	31	23.1	..	18.0	17	31.3	76.3	..	47.0	17	3	..	10.2	6.1	..	0	3	0	0	3	0	0	0	0	0
KONAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
BOKARO	42.2	..	45.0	28	22.3	..	18.0	17	0.7	6.1	..	5.6	17	1	..	10.6	6.8	..	0	2	0	0	0	0	0	0	0	0
MAITHON	42.3	..	45.5	26	24.2	..	19.8	12	9.6	12.4	..	9.6	02	2	..	4.4	3.0	..	0	2	0	0	1	0	2	0	0	0
RAMGARH	42.2	..	46.6	24	22.9	..	18.8	09	13.5	15.0	..	7.5	18	2	..	7.1	4.3	..	0	2	0	0	3	0	3	0	0	0
PANCHET HILLS	41.7	..	45.3	27	27.4	..	22.3	02	59.0	59.0	..	59.0	02	1	..	7.1	5.6	..	0	1	0	0	0	0	0	0	0	0
DURGAPUR	41.5	..	44.8	27	25.6	..	16.5	16	5.4	54.0	..	31.0	16	4	..	25.3	23.0	..	0	5	0	0	0	0	0	0	0	0
MAHANADI CATCHMENT																												
GINABAHAR	40.2	..	43.3	31	23.7	..	19.1	01	..	25.0	..	18.8	01	2	..	..	..	..	0	4	0	0	3	0	0	0	0	0
HIRAKUD	42.3	..	45.3	31	27.6	..	22.9	12	6.5	6.5	..	6.5	15	1	..	5.4	4.6	..	0	1	0	1	3	0	0	0	0	0
BHIMKUND	40.2	..	43.0	06	24.7	..	20.7	27	49.9	63.9	..	32.0	27	4	..	9.6	5.2	..	8	8	0	3	13	0	0	0	0	0
SONEPUR	41.9	..	44.9	25	27.8	..	22.6	15	..	25.9	..	23.4	28	2	..	.	3.5	..	0	2	0	0	0	0	0	0	0	.
KHIJRAWAN	40.9	..	43.6	31	24.7	..	20.1	12	5.0	5.0	..	5.0	02	1	..	13.6	8.6	..	0	1	0	0	2	0	0	0	0	0
NARMADA CATCHMENT																												
BAGRA TAWA	41.4	..	44.0	27	25.5	..	18.1	11	0.0	0.0	..	0.0	..	0	..	11.5	7.3	..	0	0	0	0	1	0	0	0	0	0
PUNASA	41.0	..	44.4	30	..	..	..	..	0.0	0.0	..	0.0	..	0	..	11.3	10.8	..	0	0	0	0	0	0	0	0	0	0
THIKRI	43.8	..	45.2	16	26.5	..	21.3	15	..	0.0	..	0.0	..	0	..	..	..	..	0	0	..	..	..	..	..	.	..	.
SABARMATI CATCHMENT																												
DAROI	40.1	..	42.6	29	22.9	..	17.4	09	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
GANDAK CATCHMENT																												
JAMOSOM	23.1	..	25.1	31	6.9	..	2.7	14	1.0	1.0	..	1.0	14	0	..	..	..	..	0	1	..	..	..	..	..	.	..	.
KHUDI BAZAR	31.1	..	34.0	27	18.0	..	12.0	16	119.7	199.1	..	69.6	23	12	..	..	..	..	0	17	..	..	..	..	..	.	..	.
TIMURE	28.4	..	31.3	27	15.3	..	12.2	16	0.9	11.0	..	4.2	23	3	..	..	..	..	0	3	..	..	..	..	..	.	..	.
POKHARA	31.5	..	34.2	06	18.9	..	14.7	14	133.0	221.4	..	56.6	02	11	..	6.5	5.6	..	0	15	0	2	16	0	1	0	3	0
GORKHA	31.2	..	34.6	13	19.1	..	11.3	16	16.0	127.6	..	74.7	16	9	..	..	..	..	0	14	0	2	17	0	0	0	0	0
NUWAKOT	..	..	..	..	16.1	..	11.5	09	0.0	16.0	..	15.0	01	1	..	..	..	..	0	2	..	..	..	..	..	.	..	.
GHAGHARA CATCHMENT(TRANS HIMALAYAN REGION)																												
DAILEKH	30.7	..	34.5	31	18.7	..	14.7	17	1.2	16.6	..	9.0	02	3	..	..	..	..	0	5	..	..	..	..	..	.	..	.
GHAGHARA CATCHMENT																												
SALLYANA	30.9	..	34.4	28	21.6	..	15.6	16	4.9	3.9	..	2.5	16	1	..	..	..	..	0	2	..	..	..	..	..	.	..	.
BUTWAL	39.6	..	43.9	27	26.5	..	22.9	14	29.4	25.4	..	13.4	17	2	..	..	..	..	0	2	..	..	..	..	..	.	..	.
BAGHMATI CATCHMENT																												
KATMANDU	SEE UNDER NEPAL				..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
KOSI CATCHMENT																												
CHAUTARA	30.5	..	34.3	07	17.9	..	13.1	19	21.8	77.4	..	17.2	20	7	..	..	..	..	0	8	..	..	..	..	..	.	..	.
WALUNGCHUNG GOLA	..	..	..	..	5.1	..	0.6	14	15.5	71.5	..	25.2	01	8	..	..	..	..	0	12	..	..	..	..	..	.	..	.
TAPLETHOK	28.2	..	31.1	06	16.3	..	12.3	14	101.8	172.0	..	42.2	14	9	..	..	..	..	0	15	..	..	..	..	..	.	..	.
BHOJPUR	24.9	..	28.9	11	16.7	..	12.6	14	46.3	93.7	..	26.2	18	10	..	..	..	..	0	10	..	..	..	..	..	.	..	.
TAPLEJUNG	24.0	..	26.4	01	14.1	..	10.6	14	129.7	363.4	..	51.4	01	20	..	6.2	3.9	..	0	22	0	0	7	2	0	0	0	0
OKHALDHUNGA	25.2	..	27.7	27	15.5	..	11.4	14	58.2	103.6	..	26.8	31	8	..	7.3	6.9	..	1	10	0	2	4	0	0	0	0	0
CHAINPUR	29.9	..	33.0	14	18.2	..	10.8	14	49.3	175.4	..	47.4	18	11	..	..	..	..	0	12	..	..	..	..	..	.	..	.
BARAHAKSHETRA	35.5	..	39.0	11	24.6	..	20.9	15	18.6	82.9	..	46.3	01	4	..	10.9	7.5	..	0	6	0	0	8	0	0	0	0	0
TISTA CATCHMENT																												
GANGTOK	22.9	..	25.8	11	13.7	..	11.2	14	148.8	670.1	..	127.4	23	23	..	..	..	..	0	26	0	1	18	12	0	0	0	0
GEZING	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	.	.	..	.

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MAY ,1968 (VAISKHA 11-JYAISTHA 10,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lst. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BAY ISLANDS																											
MAYA BANDAR	0830	28	1008.9	1005.8	+0.3	28.8	26.5	25.5	32.6	83	+ 1	4.6	-0.9	5.0	0	2	16	00	3	0	0	0	14	1	0	13	0
	1730	28	1006.2	1003.1	-0.3	27.9	26.2	25.5	32.6	88	+ 3	5.2	-0.6	5.7	0	1	20	00	3	1	0	0	12	4	1	10	0
LONG ISLAND	0830	25	1009.1	1006.2	+0.2	29.3	25.8	24.3	30.4	75	- 5	4.5	-1.3	1.9	0	0	25	00	0	0	0	0	20	2	3	6	0
	1730	25	1006.6	1003.8	+0.3	28.7	25.4	23.9	29.7	75	- 7	5.9	-0.5	1.4	0	0	19	00	1	0	0	0	12	2	4	12	0
PORT BLAIR	0530	79	1007.8	998.8	..	25.3	24.6	24.2	30.2	95	..	4.6	..	4.6	0	2	14	00	0	0	0	2	6	6	2	15	0
	0830	79	1009.2	1000.3	+0.5	29.1	26.1	24.8	31.3	78	+ 1	4.7	-1.4	11.6	0	7	23	00	3	3	0	3	8	11	2	1	0
	1130	79	1007.9	999.1	..	30.1	26.6	25.1	31.9	75	..	5.0	..	16.4	0	10	21	00	2	9	6	2	8	4	0	0	0
	1430	79	1006.1	997.3	..	29.6	26.4	25.1	31.9	77	..	5.5	..	14.4	0	8	22	00	2	2	4	2	12	6	2	1	0
	1730	79	1006.5	997.7	-0.1	27.9	25.7	24.7	31.1	83	- 1	5.2	-1.4	8.9	0	5	21	01	0	0	2	5	13	3	2	5	0
	2030	79	1008.4	999.4	..	26.6	25.2	24.6	30.9	88	..	2.7	..	5.2	0	2	15	00	1	0	0	5	8	0	3	14	0
	2330	79	1007.9	999.0	..	25.9	24.9	24.5	30.7	91	..	3.2	..	4.5	0	3	15	01	0	0	0	2	7	8	0	13	0
CAR NICOBAR	0830	10	1009.0	1007.8	+0.0	29.4	25.9	24.3	30.4	75	- 4	5.8	-0.4	2.0	0	0	19	00	6	0	0	1	10	1	1	12	0
	1730	10	1006.7	1005.5	+0.0	27.8	25.6	24.6	30.9	81	- 3	6.2	+0.2	0.8	0	0	7	00	1	0	0	0	6	0	0	24	0
NAN COWRY	0830	26	1009.8	1006.9	+0.3	28.5	26.4	25.5	32.6	84	+ 3	5.3	-0.8	9.5	0	4	22	00	1	0	0	0	22	0	3	5	0
	1730	26	1007.6	1004.7	+0.4	28.0	25.9	25.1	30.9	85	+ 1	5.8	-0.3	7.3	0	4	14	00	0	0	0	0	17	1	0	13	0
KONDUL	0830	8	1010.3	1009.4	+0.7	28.2	26.1	25.3	32.2	85	+ 2	6.2	+0.2	2.1	0	0	9	00	0	0	0	1	8	0	0	22	0
	1730	8	1008.1	1007.2	+0.8	27.6	25.7	24.9	31.5	86	- 1	6.3	+0.6	3.3	0	0	11	00	0	0	0	0	11	0	0	20	0
NORTH ASSAM(INCLUDING NEFA)																											
PASIGHAT	0830	157	1007.0	989.2	-0.2	23.8	21.6	20.4	24.0	83	+ 2	6.9	+0.3	6.6	0	3	24	07	0	3	2	4	3	0	8	4	0
	1730	157	1003.4	985.8	+0.1	25.4	22.6	21.2	25.2	79	- 2	6.5	+0.3	4.2	0	2	24	08	1	2	0	3	1	0	11	5	0
DIBRUGARH(MOHANBARI)	0230	111	1004.5	991.7	..	21.7	21.1	20.8	24.6	94	..	6.7	..	5.4	0	0	22	01	17	2	1	0	1	0	0	9	0
	0530	111	1005.5	992.7	..	21.5	21.0	20.7	24.4	95	..	7.0	..	4.0	0	0	22	05	12	3	1	1	0	0	0	9	0
	0830	111	1007.1	994.5	+0.1	23.9	22.1	21.2	25.2	86	+ 4	7.0	+0.5	6.7	0	0	28	03	15	9	0	1	0	0	0	3	0
	1130	111	1006.1	993.5	..	25.6	22.7	21.3	25.3	78	..	6.7	..	7.6	0	2	27	01	17	7	1	1	2	0	0	2	0
	1430	111	1003.7	991.2	..	26.8	23.3	21.5	25.6	75	..	6.3	..	8.9	0	0	29	02	13	7	1	2	1	2	1	2	0
	1730	111	1003.0	990.5	+0.4	25.6	22.9	21.6	25.8	80	+ 2	6.1	+0.1	5.3	0	0	26	02	16	4	1	1	1	0	1	5	0
	2030	111	1004.7	992.1	..	23.4	22.2	21.6	25.8	90	..	5.7	..	5.4	0	0	20	00	16	3	0	0	1	0	0	11	0
	2330	111	1004.9	992.2	..	22.4	21.6	21.2	25.2	93	..	6.1	..	5.7	0	0	20	01	18	1	0	0	0	0	0	11	0
DIGBOI	0830	152	(R)																								
	1730	152	(R)																								
NORTH LAKHIMPUR	0830	102	1006.9	995.3	+0.3	25.1	22.9	21.8	26.1	83	- 2	6.7	-0.1	7.0	0	0	30	03	15	6	2	3	0	0	1	1	0
	1130	102	1006.2	994.7	..	26.5	23.3	21.7	25.9	77	..	6.4	..	8.8	0	1	30	03	15	4	4	4	1	0	0	0	0
	1430	102	1004.0	992.5	..	27.1	23.5	21.7	25.9	74	..	6.2	..	9.3	0	2	28	07	12	5	0	5	0	0	1	1	0
	1730	102	1003.2	991.7	+0.7	25.6	23.3	22.2	26.6	82	- 1	5.7	-0.3	6.6	0	1	24	05	15	1	0	2	1	0	1	6	0
	2030	102	1004.8	993.2	..	23.5	22.3	21.7	25.9	90	..	5.8	..	7.9	0	1	27	09	7	1	0	1	2	3	5	3	0
SIBSAGAR	0830	97	1007.1	996.2	-0.1	25.3	23.1	22.0	23.4	83	+ 0	7.0	+0.4	3.3	0	0	26	12	12	0	0	1	1	0	0	5	0
	1730	97	(R)																								
GOHPUR	0830	83	1006.4	997.0	..	24.7	23.2	22.5	27.3	86	- 1	6.4	..	1.5	0	0	14	00	3	4	0	0	0	0	0	17	7
	1730	83	1002.4	993.1	..	26.2	23.6	22.3	26.9	80	- 1	5.5	..	2.1	0	0	10	00	3	5	0	0	0	0	0	21	2
MAJBAT	0830		..	..	..	24.9	23.7	23.1	28.3	90	..	3.7	-2.3	2.6	0	0	23	00	17	0	3	0	1	0	2	8	0
	1730		..	..	..	27.6	25.8	25.0	31.7	86	..	2.9	-1.7	1.7	0	0	16	00	9	0	3	0	3	0	1	15	0
JORHAT AERODROME	0530	90	1005.0	994.6	..	22.3	21.9	21.7	25.9	96	..	6.9	..	2.5	0	0	6	00	5	0	0	0	0	1	0	25	0
	0830	90	1006.5	996.1	..	25.2	23.1	22.1	26.6	84	..	6.9	..	4.2	0	1	13	00	11	1	0	0	2	0	0	17	0
	1130	90	1005.7	995.3	..	27.2	23.7	22.0	26.4	76	..	6.5	..	7.5	0	1	20	05	11	0	1	0	4	0	0	10	0
	1730	90	1002.3	992.1	..	26.1	23.5	22.2	26.7	80	..	6.1	..	8.8	0	3	19	00	19	0	0	0	2	1	0	9	0
	2330	90	1004.5	994.1	..	23.9	22.8	22.3	26.9	92	..	6.1	..	4.9	0	1	10	01	7	1	0	0	1	1	0	20	0
TANGLA	0830	78	1006.3	997.4	+0.5	25.4	23.5	22.5	27.3	85	+ 3	5.6	+0.4	1.9	0	0	25	02	1	13	1	7	0	1	0	6	0
	1730	78	1001.6	992.8	-0.4	28.1	25.0	23.7	29.3	78	+ 2	4.1	+0.2	1.2	0	0	17	01	0	6	1	2	0	7	0	14	0
TEZPUR	0830	79	1006.4	997.5	-0.9	24.5	22.7	21.8	26.1	85	+ 4	6.5	+0.9	4.4	0	0	25	00	23	0	0	1	1	0	0	6	0
	1730	79	1002.9	993.4	-0.4	27.6	24.3	22.7	27.6	76	+ 0	4.3	-0.1	4.5	0	0	26	00	21	0	0	0	5	0	0	5	0
GOLAGHAT	0830	95	1006.4	995.5	+0.1	24.8	23.1	22.3	26.9	84	+ 0	5.6	-0.7	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	95	1001.5	990.9	-1.3	28.1	24.3	22.5	27.3	73	- 3	4.8	-0.5	..	.	..	..	..	..	..	..	..	..	..	..	..	..
RANGIA	0830	60	1007.0	1000.2	..	26.1	23.7	22.5	27.3	83	+ 0	5.6	..	6.8	0	0	29	00	3	18	2	0	0	5	1	2	0
	1730	60	1003.1	996.4	..	28.8	25.2	23.6	29.1	74	+ 1	4.1	..	4.8	0	1	22	03	2	12	0	0	0	5	1	7	0
CHAPARMUKH	0830	66	1006.6	999.2	+0.1	26.4	23.8	22.6	27.4	80	+ 2	4.2	-1.3	1.9	0	0	24	02	4	2	9	2	2	0	3	7	0
	1730	66	1002.5	995.2	+0.5	27.9	24.7	23.2	28.4	75	+ 2	3.0	-1.1	0.9	0	0	11	02	5	0	2	1	0	0	1	17	0
[illegible]ALPARA	0830	38	1005.4	1001.1	-0.2	24.9	22.8	21.7	25.9	83	+ 1	5.5	+0.1	2.1	0	0	31	01	9	15	1	2	1	1	1	0	0
	1730	38	1001.1	997.0	+0.2	29.7	25.2	23.1	28.3	69	- 4	5.9	+1.3	2.0	0	0	29	00	5	13	2	3	1	2	3	1	0
GAUHATI (HORJOR)	0230	54	1003.1	997.0	..	23.5	22.5	22.0	26.4	91	..	5.8	..	7.2	0	2	14	02	6	4	0	1	1	2	0	15	0
	0530	54	1004.4	998.1	..	22.9	22.1	21.7	25.9	93	..	6.1	..	4.4	0	0	18	03	5	7	0	2	1	0	0	13	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — MAY , 1968 (VAISKHA 11-JYAISTHA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind Direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
NORTH ASSAM (INCLUDING NEFA) (CONTD)																											
GAUHATI (BHORJOR)	0830	54	1005.7	999.5	-0.8	26.1	23.5	22.2	26.7	80	+ 1	5.5	+0.0	6.9	0	0	25	03	13	6	0	0	2	0	1	6	0
	1130	54	1004.7	998.6	..	28.6	24.7	22.9	27.9	72	..	5.1	..	9.2	0	2	26	14	8	1	0	0	1	3	1	3	0
	1430	54	1002.1	996.0	..	30.0	25.1	22.9	27.9	66	..	4.6	..	7.6	0	1	24	11	6	0	0	0	2	3	3	6	0
	1730	54	1001.1	995.1	-0.7	28.7	24.7	22.9	27.9	71	- 1	4.4	+0.0	6.2	0	0	25	13	5	1	0	2	0	3	1	6	0
	2030	54	1003.0	996.8	..	26.0	24.2	23.4	28.8	86	..	4.8	..	4.6	0	0	16	06	2	4	0	2	0	0	2	15	0
	2330	54	1003.7	997.5	..	24.4	23.0	22.3	26.9	88	..	6.1	..	9.3	1	3	14	01	5	2	1	4	3	0	2	13	0
DHUBRI (RUPSI)	0530	45	1003.6	998.5	..	23.3	22.1	21.5	25.6	90	..	5.3	..	5.9	0	0	22	01	9	9	1	1	1	0	0	9	0
	0830	45	1005.2	1000.1	+0.2	26.6	23.8	22.5	27.3	79	+ 0	5.9	+0.5	8.5	0	0	29	00	12	10	1	1	5	0	0	2	0
	1130	45	1004.4	999.3	..	29.2	24.8	22.8	27.7	70	..	5.3	..	9.9	0	0	29	01	6	9	4	6	2	1	0	2	0
	1730	45	1000.5	995.4	+0.0	29.8	25.4	23.4	28.8	70	- 2	5.3	+1.2	6.0	0	0	27	01	8	11	2	3	2	0	0	4	0
DHUBRI	0830		..	..	..	26.3	24.0	22.9	27.9	79	- 5	4.7	-0.6	7.5	0	0	25	02	15	6	2	0	0	0	0	6	0
	1730		..	..	..	28.7	25.2	23.7	29.3	75	- 2	4.2	+0.2	3.8	0	0	21	02	9	9	0	1	0	0	0	10	0
LUMDING	0830	149	1006.5	989.7	..	24.9	22.7	21.8	25.8	82	+ 6	5.3	..	2.3	0	0	24	02	3	14	2	0	1	1	1	7	0
	1730	149	1002.0	985.7	..	30.1	23.8	20.7	24.4	58	..	4.6	..	2.1	0	0	18	03	0	5	0	7	2	1	0	13	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																											
TURA	0830	370	1005.9	964.6	-0.5	25.9	23.3	22.0	26.4	79	- 2	6.5	+1.0	7.9	0	3	23	07	3	3	6	6	5	1	0	5	0
	1730	370	1001.4	960.9	-0.4	29.3	24.8	22.7	27.8	69	- 7	5.6	+1.1	8.8	0	3	27	01	2	1	10	9	2	3	2	1	0
HAFLONG	0830	687	1006.8	931.6	+0.6	22.4	20.0	18.7	21.6	81	- 1	6.1	+0.7	4.9	0	0	31	00	0	0	1	0	30	0	[illegible]	[illegible]	0
	1730	682	..	..	..	24.4	21.0	19.3	22.4	74	+ 0	3.8	-0.7	3.2	0	0	31	00	0	0	1	0	29	0	[illegible]	[illegible]	0
SILCHAR (KUMBHIRGRAM)	0530	97	1004.2	993.2	..	22.3	21.3	20.8	24.6	91	..	6.2	..	3.6	0	1	13	00	3	9	1	0	0	0	0	17	1
	0830	97	1005.9	995.0	+0.1	24.9	22.7	21.6	25.8	83	+ 4	6.5	+1.0	6.6	0	2	22	00	2	14	3	0	1	2	1	7	1
	1130	97	1005.2	994.3	..	27.3	23.4	21.5	25.6	72	..	6.5	..	7.9	0	2	25	00	6	7	2	1	3	5	0	4	3
	1730	97	1001.6	990.8	+0.4	27.4	23.9	22.1	26.6	74	+ 0	5.5	+1.3	4.2	0	1	17	01	2	7	3	0	0	5	0	13	0
SILCHAR	0830	29	1007.0	1003.7	-0.4	25.2	23.2	22.2	26.7	85	+ 4	2.5	-2.9	0.4	0	0	6	00	0	2	2	1	1	0	0	25	0
	1730	29	1002.9	999.6	+0.0	27.9	24.3	22.6	27.4	74	- 1	4.8	+0.3	0.6	0	0	6	00	1	1	1	1	2	0	0	25	0
IMPHAL (TULIHAL)	0530	781	1007.5	920.9	..	19.0	18.2	17.7	20.2	92	..	6.1	..	1.2	0	0	4	00	0	1	0	1	1	0	1	27	0
	0830	781	1007.5	922.1	+0.0	23.2	20.1	18.3	21.0	75	+ 1	6.1	+0.5	2.4	0	0	7	00	2	0	0	3	2	0	0	24	0
	1130	781	1006.1	921.5	..	25.5	20.8	18.1	20.8	66	..	6.7	..	7.6	0	0	23	01	3	1	2	1	3	5	7	8	0
	1430	781	1005.5	919.3	..	26.2	20.7	17.5	20.0	62	..	5.7	..	8.8	0	2	20	00	2	0	2	1	0	7	10	9	0
	1730	781	1003.4	918.6	+2.0	24.5	20.3	17.8	20.4	69	+ 3	5.3	+0.4	5.8	0	0	18	01	0	0	3	0	2	2	10	13	0
	2030	781	1005.9	920.3	..	21.9	19.5	18.1	20.8	80	..	4.8	..	2.1	0	0	6	00	1	0	0	0	0	2	3	25	0
	2330	781	1006.5	920.4	..	20.2	18.9	18.1	20.8	89	..	5.0	..	1.3	0	0	3	00	0	0	0	0	0	1	2	28	0
KAILASHAHAR	0530	29	1005.8	1002.5	..	23.6	22.8	22.4	27.1	93	..	5.9	..	2.9	0	0	17	02	4	0	1	5	3	1	1	14	0
	0830	29	1007.3	1004.1	+0.5	27.0	24.1	22.7	27.6	79	+ 3	6.2	+1.1	3.6	0	0	30	02	2	3	3	9	10	0	0	1	1
	1130	29	1006.4	1003.2	..	29.7	25.2	23.1	28.3	71	..	5.9	..	8.9	0	2	28	03	4	2	5	6	8	0	0	1	2
	1730	29	1003.1	999.9	+0.9	28.5	24.6	22.7	27.6	73	+ 5	5.3	+0.8	5.3	0	1	24	02	2	3	1	6	11	0	0	6	0
AGARTALA	0230	16	1002.9	1001.1	..	24.6	23.0	22.2	26.7	87	..	4.9	..	9.3	0	3	23	01	4	1	11	9	0	0	0	5	0
	0530	16	1003.7	1001.9	..	24.6	23.3	22.7	27.6	89	..	5.2	..	12.0	0	4	24	00	2	3	15	8	0	0	0	3	0
	0830	16	1005.3	1003.5	+0.2	28.6	25.2	23.7	29.3	75	- 2	5.5	-0.1	16.8	0	11	20	00	3	1	11	14	0	2	0	0	0
	1130	16	1004.4	1002.6	..	30.9	25.6	23.3	28.6	66	..	5.8	..	17.7	0	9	22	00	2	5	6	16	2	0	0	0	0
	1430	16	1002.1	1000.4	..	30.3	24.8	22.3	26.9	65	..	5.5	..	15.5	0	10	19	00	1	3	5	17	1	1	1	2	0
	1730	16	1001.5	999.7	+0.4	28.9	24.5	22.4	27.1	70	- 4	5.1	+0.2	17.7	0	12	19	00	2	3	9	16	1	0	0	0	0
	2030	16	1003.1	1001.3	..	25.9	23.2	21.9	26.3	79	..	5.8	..	14.6	0	7	22	01	1	5	9	13	0	0	0	2	0
	2330	16	1003.6	1001.8	..	25.3	23.3	22.3	26.9	84	..	6.3	..	10.2	0	0	27	02	1	4	5	14	1	0	0	4	0
SUB-HIMALAYAN WEST BENGAL																											
BAGHDOGRA	0230	131	1002.7	989.7	..	23.2	21.6	20.8	24.6	86	..	5.2	..	15.4	1	2	26	04	16	6	1	0	1	0	1	2	0
	0530	131	1003.4	988.5	..	23.4	21.8	21.0	24.9	86	..	5.2	..	11.8	0	0	28	02	15	7	1	2	0	0	1	3	0
	0830	131	1005.0	990.3	+0.0	27.6	23.7	21.8	26.1	72	- 2	5.4	+0.2	20.4	0	12	19	01	8	20	1	0	1	0	0	0	0
	1130	131	1004.3	989.7	..	30.3	24.5	21.7	25.9	62	..	5.2	..	20.7	0	10	21	00	5	20	4	1	0	1	0	0	0
	1430	131	1001.6	987.1	..	31.8	25.1	21.9	26.3	57	..	5.0	..	18.5	0	8	23	00	7	17	3	1	0	1	2	0	0
	1730	131	1000.3	985.8	-0.4	29.7	24.4	21.9	26.3	65	- 1	4.1	+0.2	16.6	0	3	28	01	12	15	2	1	0	0	0	0	0
	2030	131	1002.5	987.7	..	26.4	22.8	21.0	24.9	73	..	4.2	..	12.8	0	2	28	02	16	9	1	1	0	1	0	1	0
	2330	131	1003.2	988.4	..	24.3	21.9	20.6	24.3	81	..	5.3	..	12.9	0	3	27	06	11	8	2	1	0	1	1	1	0
JALPAIGURI	0830	83	1005.0	995.7	-0.9	25.9	23.4	22.1	26.6	80	+ 0	5.5	+0.6	10.3	0	7	24	02	3	21	4	0	0	0	1	0	0
	1730	83	1000.0	990.8	-1.3	29.7	25.2	23.1	28.3	69	+ 0	2.8	-0.6	4.7	0	1	30	02	12	17	0	0	0	0	0	0	0
COOCH BEHAR AERODROME	0830	43	1005.5	1000.7	+0.4	26.2	23.8	22.7	27.6	82	+ 3	5.4	-0.3	12.6	0	4	25	02	4	18	1	3	0	0	0	2	1
	1130	43	1004.9	1000.1	..	28.9	25.0	23.3	28.6	75	..	5.4	..	15.0	0	7	24	01	7	13	2	4	1	0	0	0	3
	1730	43	1001.0	996.2	+0.1	28.9	25.5	24.0	29.8	76	+ 3	4.1	+0.3	9.0	0	3	24	05	4	15	1	2	0	0	0	4	0
BALURGHAT	0830		..	..	..	29.2	24.8	22.8	27.7	70	..	3.0	..	5.2	0	0	31	00	3	13	4	9	2	0	0	0	0
	1730		..	..	..	32.2	25.1	21.7	25.9	57	..	3.8	..	5.0	0	0	28	01	2	14	5	0	4	2	0	3	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — MAY , 1968 (VAISKHA 11-JYAISTHA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SUB HIMALAYAN WEST BENGAL (CONTD.)																											
MALDA	0830	31	1003.6	1000.1	-1.0	30.2	25.2	22.9	27.9	66	- 6	2.9	-1.5	2.8	0	0	26	01	1	5	4	10	5	0	0	5	0
	1730	31	998.7	995.3	-1.3	36.1	25.7	20.7	24.4	43	-12	2.3	-0.9	3.0	0	0	26	04	3	6	2	1	1	2	6	5	1
GANGETIC WEST BENGAL																											
BERHAMPORE	0830	19	1003.8	1001.6	-0.6	30.5	25.6	23.5	28.9	66	- 6	2.9	-1.4	4.3	0	0	26	02	0	6	1	14	2	3	0	3	0
	1730	19	999.4	997.4	-0.2	36.1	24.0	17.5	20.0	37	-18	4.1	+0.0	4.5	0	0	26	03	0	8	1	5	4	5	0	5	0
SURI	0830		..	..	..	33.1	25.2	21.5	25.6	52	- 7	0.9	-2.5	5.0	0	0	31	03	0	5	0	19	1	3	0	0	0
ASANSOL	0230	126	1000.8	986.8	..	28.7	24.8	23.1	28.3	72	..	1.4	..	5.5	0	0	23	00	0	4	1	11	4	2	1	8	0
	0530	126	1002.0	987.9	..	27.4	24.0	22.4	27.1	75	..	2.5	..	4.1	0	0	21	00	0	2	3	10	3	3	0	10	0
	0830	126	1003.1	989.2	-1.0	34.2	26.0	22.3	26.9	52	-10	1.3	-1.6	6.9	0	0	29	02	1	2	4	5	7	5	3	2	0
	1130	126	1001.9	988.4	..	40.4	26.3	19.3	22.7	32	..	1.3	..	8.3	0	0	30	03	2	1	2	4	9	6	3	1	0
	1430	126	999.1	985.6	..	41.9	26.3	18.9	21.8	28	..	2.7	..	9.4	0	0	31	01	2	1	3	4	3	4	13	0	0
	1730	126	998.2	984.7	-0.3	39.2	24.9	17.3	19.7	31	-11	2.9	-1.0	8.0	0	0	30	03	1	4	0	1	4	2	15	1	0
	2030	126	1000.9	987.0	..	32.3	24.0	19.7	22.9	48	..	1.9	..	5.4	0	0	17	00	3	1	1	5	3	1	3	14	0
	2330	126	1001.4	987.4	..	30.1	24.6	22.0	26.4	63	..	1.4	..	7.9	0	0	26	01	0	1	3	12	7	0	2	5	0
SHANTI NIKETAN	0830	59	1003.8	997.2	..	31.8	25.5	22.7	27.6	80	..	1.8	..	9.6	0	0	30	00	1	0	4	15	6	2	2	1	0
	1130	59	1002.5	996.1	..	36.9	25.4	19.7	22.9	38	..	2.5	..	6.1	0	0	30	01	1	0	5	13	7	1	2	1	0
	1730	59	998.9	992.5	..	37.8	23.1	13.3	15.3	28	..	4.7	..	6.5	0	2	23	00	2	1	3	8	2	4	5	6	0
KRISHNANAGAR	0830	15	1003.7	1002.2	-1.4	31.9	26.8	24.7	31.1	66	- 6	2.1	-1.8	6.2	0	0	26	00	0	0	4	21	1	0	0	5	0
	1730	15	1000.2	998.6	+0.0	34.5	26.2	22.5	27.3	51	-10	3.3	-0.8	4.5	0	0	25	00	0	0	6	19	0	0	0	6	0
PURULIA	0830	255	1003.3	975.6	+0.1	33.2	24.3	19.8	23.1	47	- 6	1.4	-1.1	5.2	0	0	30	01	0	1	4	5	11	5	3	1	0
	1730	255	998.4	971.2	+0.1	38.7	24.8	17.5	20.0	30	- 5	3.9	-0.9	6.6	0	2	26	05	1	0	5	4	4	3	6	3	0
BANKURA	0830	100	1003.7	992.7	..	32.0	27.2	25.2	32.1	68	..	0.6	..	2.2	0	0	23	00	0	0	5	5	7	3	0	8	3
	1730	100	999.5	988.7	..	37.5	27.0	22.3	26.9	44	..	2.3	..	1.4	0	0	12	00	0	1	2	0	0	1	0	19	8
BURDWAN	0830	32	1003.6	1000.1	-0.4	32.1	26.0	23.3	28.6	61	-13	2.2	-1.0	8.4	0	0	28	00	0	2	2	6	15	2	1	3	0
	1730	32	999.3	995.8	-0.4	35.3	25.9	21.5	25.6	45	-10	3.2	+0.1	10.5	0	5	24	02	0	2	4	12	5	2	1	2	1
CALCUTTA (DUM DUM)	0230	6	1001.7	1001.0	..	27.6	25.7	24.9	31.5	85	..	3.2	..	12.8	0	5	23	00	0	0	2	22	4	0	0	3	0
	0530	6	1002.5	1001.8	..	27.4	25.9	25.3	32.2	88	..	4.3	..	9.9	0	1	29	00	1	0	0	22	5	2	0	1	0
	0830	6	1004.0	1003.3	-0.5	31.3	27.1	25.4	32.4	71	- 4	4.1	-0.4	14.8	0	9	22	00	1	1	0	19	7	1	2	0	0
	1130	6	1003.3	1002.6	..	35.0	27.4	24.2	30.2	55	..	2.7	..	17.2	0	11	20	01	1	0	0	20	5	1	3	0	0
	1430	6	1000.8	1000.1	..	36.0	27.2	25.4	28.8	50	..	2.1	..	17.7	0	14	17	02	2	0	0	18	7	0	2	0	0
	1730	6	1000.3	999.6	-0.3	32.5	26.3	23.6	29.1	61	- 7	4.3	+0.3	14.1	0	10	18	02	1	1	0	18	6	0	0	3	0
	2030	6	1002.6	1001.9	..	29.2	26.0	24.6	30.9	78	..	4.4	..	16.2	0	11	17	00	0	1	3	19	5	0	0	3	0
	2330	6	1002.6	1001.9	..	28.0	25.3	24.1	30.0	80	..	4.0	..	14.6	0	6	23	01	0	1	3	18	6	0	0	2	0
CALCUTTA	0830	6	1004.2	1003.5	-0.2	32.5	26.6	24.1	30.0	61	-13	4.4	+0.2	14.2	0	11	19	00	0	0	3	12	12	1	2	1	0
	1130	6	1003.3	1002.8	..	35.6	26.9	23.1	28.3	50	..	3.5	..	15.4	0	12	19	00	1	0	2	16	8	0	4	0	0
	1730	6	1000.5	999.8	+0.0	32.7	25.8	22.7	27.6	58	- 9	4.5	+0.7	14.2	0	9	21	01	0	0	4	13	9	0	3	1	0
MIDNAPORE	0830	45	1003.7	998.6	-0.3	31.6	25.2	21.2	25.2	60	- 8	0.5	-2.7	5.3	0	0	29	00	2	0	0	10	17	0	0	2	0
	1730	45	999.5	994.5	-0.2	35.6	24.8	19.3	22.4	41	-16	3.7	-0.6	7.5	0	0	28	01	2	0	2	9	14	0	0	3	0
CONTAI	0830	11	1004.4	1003.1	+0.3	31.5	27.3	25.6	32.8	71	- 5	4.3	+0.3	21.9	0	19	11	02	0	0	0	16	11	0	1	1	0
	1730	11	1000.8	999.7	+0.3	30.5	27.8	26.7	35.0	80	+ 0	4.0	+0.1	26.5	0	23	8	00	0	0	1	23	6	0	1	0	0
SAGAR ISLAND	0830	3	1004.3	1004.0	-0.1	30.7	28.0	26.9	35.4	81	+ 4	4.5	-0.3	31.4	0	26	5	00	0	0	7	18	5	1	0	0	0
	1730	3	1000.8	1000.5	-0.3	30.4	27.9	26.9	35.4	82	+ 1	4.3	-0.2	30.5	1	30	0	00	0	0	9	21	1	0	0	0	0
SANDHEADS	0530	10	1003.1	1002.0	..	29.1	26.9	26.0	33.6	84	..	4.9	..	31.9	0	25	6	00	0	0	0	5	22	3	1	0	0
	0830	10	1005.0	1003.9	+0.0	30.3	27.3	26.1	33.8	79	- 3	3.9	-0.2	31.1	0	25	6	01	0	0	0	6	22	2	0	0	0
	1130	10	1004.6	1003.6	..	30.7	27.4	26.1	33.8	77	..	2.9	..	31.7	0	24	7	01	1	0	1	6	21	0	1	0	0
	1730	10	1001.3	1000.2	-0.3	29.8	27.5	26.6	34.8	83	- 2	4.0	+0.5	35.1	0	27	4	00	0	0	0	8	23	0	0	0	0
	2330	10	1003.2	1002.1	..	29.2	27.1	26.3	34.2	84	..	1.4	..	35.4	1	23	7	01	0	0	1	6	22	0	1	0	0
ORISSA																											
BARIPADA	0830	54	1004.7	998.7	-0.9	32.0	26.5	24.1	30.0	64	- 5	1.3	-2.1	5.2	0	0	27	01	0	0	3	12	9	0	2	4	0
	1730	54	1000.5	994.5	+1.0	35.3	25.7	21.9	25.2	47	- 4	3.5	-0.8	7.2	0	0	30	01	1	0	9	12	5	2	0	1	0
JHARSUGUDA	0230	230	1001.0	975.6	..	29.2	20.7	15.5	17.6	44	..	2.3	..	8.2	0	2	22	02	5	1	4	7	4	1	0	7	0
	0530	230	1002.1	976.6	..	27.5	20.5	16.2	18.4	50	..	3.3	..	6.1	0	0	25	01	6	2	2	10	3	0	1	6	0
	0830	230	1003.4	978.4	+0.2	33.9	22.9	16.7	19.0	36	- 9	1.9	-0.7	11.5	0	2	28	00	4	0	5	8	12	1	0	1	0
	1130	230	1002.2	977.6	..	39.5	23.0	12.6	14.6	21	..	1.3	..	12.1	0	4	26	00	4	1	3	3	6	8	5	1	0
	1430	230	999.1	974.7	..	41.9	22.9	10.1	12.3	16	..	2.7	..	12.9	0	3	27	04	0	1	1	3	4	11	6	1	0
	1730	230	998.2	973.8	+1.1	40.3	22.3	9.9	12.2	17	- 8	3.2	-0.8	14.7	0	6	24	03	0	2	3	4	7	3	8	1	0
	2030	230	1000.6	975.7	..	34.5	21.2	12.3	14.3	27	..	2.6	..	9.3	0	4	24	00	1	2	2	8	7	7	1	3	0
	2330	230	1001.4	976.2	..	31.7	21.3	14.9	16.9	36	..	2.4	..	9.8	0	5	18	02	0	0	5	5	7	3	1	8	0
KEONJHARGARH	0830	465	1005.5	955.0	+1.1	29.1	22.7	19.7	22.9	58	+ 5	0.8	-1.7	2.1	0	0	29	00	1	6	0	9	0	13	0	2	0
	1730	465	999.6	950.5	+0.3	35.6	22.0	14.4	16.4	30	- 8	2.6	-1.6	1.9	0	0	27	00	0	6	0	3	0	18	0	4	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — MAY 1968 (VAISKHA 11-JYAISTHA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
ORISSA (CONTD.)																											
BALASORE	0830	20	1004.3	1002.4	+0.6	31.7	26.1	23.7	29.3	63	- 8	2.4	-2.2	16.8	0	14	16	03	2	0	0	9	15	1	0	1	0
	1730	20	1000.4	998.3	+0.3	32.5	26.4	23.7	29.3	60	-12	4.4	-0.6	18.6	0	16	15	00	0	0	1	23	5	1	0	0	1
SAMBALPUR	0830	148	1003.4	987.2	-0.2	33.8	23.8	18.5	21.3	40	-10	2.2	-0.2	1.2	0	0	11	00	1	1	0	0	8	0	1	20	0
	1730	148	998.8	983.0	+0.7	39.8	24.7	16.3	18.8	26	- 3	1.9	-1.6	1.6	0	0	17	02	0	1	0	3	5	3	3	14	0
ANGUL	0830	139	1004.9	989.7	+0.9	31.8	27.1	25.1	31.9	69	+ 5	1.9	-1.6	2.3	0	0	29	05	1	11	0	2	0	10	0	2	0
	1730	139	999.6	984.7	+0.7	37.7	26.9	22.1	28.6	43	+ 7	5.8	+0.7	4.0	0	0	30	04	0	5	1	12	0	8	0	1	0
CHANDBALI	0830	6	1005.0	1004.3	+0.4	31.1	26.6	24.7	31.1	69	- 3	4.0	-0.1	13.8	0	8	22	01	1	4	5	7	9	2	1	1	0
	1730	6	1001.4	1000.7	+0.5	32.3	26.5	23.9	29.7	63	- 5	4.1	+0.7	20.2	0	16	15	00	0	5	14	3	7	0	2	0	0
BOLANGIR	0830	190	1003.7	982.9	+0.0	33.8	26.8	23.8	29.5	57	- 6	1.7	-1.8	6.1	0	0	30	00	2	0	2	14	10	0	1	1	1
	1730	190	999.0	978.7	-0.6	39.7	25.8	18.9	21.8	33	-11	2.8	-2.0	3.2	0	0	25	03	4	1	1	6	4	5	1	6	0
PHULBANI	0830	464	1003.4	953.5	..	31.5	22.7	18.3	21.0	46	..	0.3	..	0.4	0	0	2	00	0	0	0	1	1	0	0	29	0
	1730	464	998.6	949.7	..	37.1	24.7	19.0	22.0	37	..	1.3	..	0.5	0	0	5	00	0	0	2	1	1	0	1	26	0
CUTTACK	0830	27	1005.4	1002.5	+1.0	31.5	26.9	25.0	31.7	69	- 2	2.6	-1.6	7.3	0	1	28	00	0	1	0	3	21	2	2	2	0
	1730	27	1001.2	998.2	+0.8	34.0	26.8	23.7	29.3	56	- 2	3.8	-0.7	13.0	0	7	23	00	1	1	2	6	14	0	1	1	0
TITLAGARH	0830	211	1002.7	979.3	-1.3	31.2	24.9	22.1	26.6	59	+13	3.5	+0.9	2.0	0	0	31	00	4	0	4	0	17	0	1	0	0
	1730	211	997.8	975.5	-0.2	40.0	27.4	21.8	26.1	37	+10	3.4	+0.1	2.0	0	0	31	00	4	0	5	0	6	0	6	0	0
BHUBANESWAR	0230	46	1002.2	997.3	..	28.1	26.3	25.5	32.6	86	..	5.7	..	26.5	0	21	10	00	0	1	1	9	20	0	0	0	0
	0530	46	1003.0	997.9	..	27.6	26.1	25.5	32.6	88	..	5.9	..	22.9	0	18	11	00	0	1	0	12	14	2	0	2	0
	0830	46	1004.8	999.7	+0.7	31.0	26.8	24.7	31.1	70	+ 2	4.9	+0.6	30.4	0	25	6	01	1	0	0	8	14	2	0	0	0
	1130	46	1004.0	999.0	..	35.6	26.3	22.1	26.8	47	..	3.2	..	29.4	0	18	12	02	1	1	0	9	17	0	0	1	0
	1430	46	1001.5	996.5	..	36.9	26.3	21.4	25.5	42	..	3.3	..	32.5	0	27	4	01	2	1	1	17	8	0	1	0	0
	1730	46	1001.3	996.2	+0.9	32.2	26.3	23.7	29.3	61	+ 0	5.2	+0.3	34.5	0	0	31	00	0	0	3	15	12	0	1	0	0
	2030	46	1003.3	998.2	..	29.5	26.2	24.8	31.3	76	..	4.3	..	27.8	0	24	7	00	0	0	1	15	15	0	0	0	0
	2330	46	1003.4	998.3	..	28.9	26.8	25.7	33.0	82	..	5.2	..	26.2	0	24	7	00	0	0	2	11	18	0	0	0	0
PURI	0830	6	1006.7	1006.0	+1.8	29.7	27.8	27.1	35.9	86	+ 4	5.4	+1.1	33.4	2	21	7	00	0	0	0	1	28	1	0	0	0
	1730	6	1003.9	1003.3	+2.6	29.9	28.1	27.4	36.5	87	+ 1	4.9	+0.7	33.7	4	22	5	00	0	0	1	4	26	0	0	0	0
GOPALPUR	0530	17	1003.0	1001.1	..	27.4	26.5	26.1	33.8	93	..	5.4	..	19.9	0	19	9	01	0	0	0	1	23	3	0	3	0
	0830	17	1005.0	1003.1	+0.4	29.0	27.1	26.3	34.0	87	+ 6	4.3	+0.8	21.0	0	20	11	00	1	1	0	4	22	3	0	0	0
	1130	17	1004.5	1002.7	..	31.2	27.6	26.2	34.0	79	..	2.7	..	26.1	0	25	6	01	0	1	0	8	18	3	0	0	0
	1730	17	1001.9	1000.0	+0.7	29.2	27.6	27.0	35.7	88	+ 2	5.5	+0.9	25.2	0	25	6	01	0	0	1	4	22	3	0	0	0
	2330	17	1003.8	1001.9	..	28.2	27.1	26.7	35.0	92	..	3.8	..	26.1	0	25	5	00	0	1	0	5	23	1	0	1	0
KORAPUT	0830	913	1493.5	907.9	+0.6	27.8	21.2	17.8	20.4	55	- 8	5.3	+2.3	14.1	0	8	23	01	1	0	0	3	19	6	1	0	0
	1730	913	1471.7	904.9	+0.5	32.0	20.2	13.1	15.1	34	-15	6.8	+1.7	17.0	0	13	18	00	0	0	1	2	10	11	7	0	0
BIHAR PLATEAU																											
DUMKA	0830	149	1003.2	986.8	-0.4	32.0	24.8	21.0	24.9	55	- 7	1.1	-1.5	13.4	0	0	19	00	1	3	6	2	5	1	1	12	0
	1730	149	999.3	983.3	+0.4	37.6	24.4	17.3	19.7	33	-15	1.9	-1.3	3.7	0	0	21	02	1	2	6	2	1	3	4	10	0
DALTONGANJ	0830	221	1002.5	978.6	+0.3	34.4	21.5	13.1	15.1	27	- 9	0.7	-1.4	3.5	0	0	31	00	2	0	0	0	24	0	5	0	0
	1730	221	997.9	974.4	+0.5	39.4	21.2	7.5	10.4	15	- 8	1.0	-2.4	4.2	0	0	31	01	0	0	0	0	6	0	24	0	0
HAZARIBAGH	0830	611	1002.4	936.9	-0.1	31.7	19.1	10.7	12.9	26	-17	3.6	-0.2	6.9	0	0	31	00	1	1	1	5	7	3	13	0	0
	1730	611	997.8	933.4	+0.0	35.6	19.0	6.7	9.8	19	-13	4.1	-0.2	7.9	0	0	31	06	2	0	0	2	0	1	20	0	0
DHANBAD	0830	257	1002.6	974.4	-1.0	32.6	23.0	17.7	20.2	43	-11	0.6	-1.3	3.0	0	0	25	00	1	0	3	0	5	8	6	6	2
	1730	257	997.8	970.3	..	38.8	22.5	11.9	13.9	21	..	1.6	..	2.7	0	0	28	00	5	0	2	0	2	1	18	3	0
RANCHI AERODROME	0530	652	1002.0	931.1	..	25.9	17.8	12.5	14.5	45	..	0.9	..	10.4	0	0	26	00	0	0	0	2	11	3	10	5	0
	0830	652	1002.3	932.6	+0.8	31.6	19.8	12.5	14.5	32	-11	0.8	-2.7	16.9	0	11	15	02	0	1	0	0	10	4	9	5	0
	1130	652	1000.8	932.2	..	35.9	20.1	9.8	11.9	21	..	1.0	..	23.3	0	15	16	02	2	2	3	2	6	7	7	0	0
	1430	652	998.1	929.9	..	36.6	19.9	8.2	10.9	20	..	2.5	..	23.8	1	16	12	03	0	2	0	1	4	8	11	2	0
	1730	652	997.4	929.0	+0.2	35.5	19.7	8.9	11.4	22	- 9	1.9	-2.5	18.8	0	11	17	01	0	2	0	2	2	4	17	3	0
	2030	652	1000.4	930.8	..	31.1	18.9	10.7	12.9	31	..	0.8	..	11.9	0	1	28	02	3	1	2	0	2	5	14	2	0
JAMSHEDPUR	0830	129	1003.0	988.8	-0.5	32.0	24.0	19.9	23.2	49	- 8	0.3	-2.1	2.6	0	0	24	00	0	0	2	0	5	11	6	7	0
	1730	129	998.5	984.6	+0.5	38.0	22.3	12.1	14.1	24	- 9	3.0	-1.1	4.6	0	0	26	04	4	1	2	2	2	5	6	5	0
JAMSHEDPUR P.B.O.	0530	142	1002.2	986.2	..	27.9	22.4	19.8	22.8	65	..	2.5	..	3.0	0	0	14	00	0	6	1	2	2	2	1	17	0
	0830	142	1003.3	987.7	+0.5	32.5	23.9	19.4	22.5	47	- 5	1.1	-1.7	5.6	0	0	30	03	1	4	5	2	9	3	3	1	0
	1130	142	1001.9	986.6	..	38.0	23.6	15.3	17.4	27	..	1.1	..	8.1	0	0	30	02	1	1	0	2	12	6	6	1	0
	1430	142	998.9	983.8	..	40.3	23.2	12.5	14.5	20	..	3.3	..	9.6	0	1	29	02	0	2	1	3	6	8	8	1	0
	1730	142	998.4	983.1	+0.6	37.6	22.1	11.9	13.9	25	- 7	4.0	-1.0	8.9	0	3	26	03	1	4	1	4	2	3	11	2	0
	2030	142	1000.7	985.2	..	33.5	22.3	15.6	17.6	35	..	2.8	..	3.5	0	1	14	01	1	3	2	5	2	1	0	16	0
	2330	142	1001.6	985.9	..	31.1	22.7	18.1	20.8	47	..	1.8	..	6.3	0	2	20	00	0	7	6	2	5	0	2	9	0
CHAIBASA	0830	226	1002.8	978.1	-0.5	32.8	23.2	18.0	20.6	43	-12	2.1	-1.5	2.5	0	0	23	00	3	0	2	0	16	1	0	8	1
	1730	226	998.3	974.1	+0.2	37.8	22.1	11.7	13.7	24	-12	4.4	-1.0	3.0	0	0	24	00	3	0	2	0	11	0	8	7	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – MAY , 1968 (VAISKHA 11-JYAISTHA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BIHAR PLAINS																											
MOTIHARI	0830	66	1003.0	995.6	-0.8	29.7	24.7	22.3	26.9	66	+ 3	1.0	-0.7	6.4	0	0	26	00	0	16	4	2	1	2	1	2	0
	1730	66	998.3	991.1	-0.9	36.0	24.4	18.3	21.0	37	-13	0.6	-0.8	2.0	0	0	10	01	2	1	0	0	0	4	2	14	0
FORBESGANJ	0830	61	1003.9	997.0	-0.1	28.9	24.0	21.7	25.9	64	- 4	2.8	-1.1	10.2	0	0	31	00	1	28	1	0	1	0	0	0	0
	1730	61	998.9	992.2	-0.3	34.4	25.1	20.6	24.3	46	- 3	1.9	-0.2	5.5	0	1	26	00	1	19	0	0	0	7	0	4	0
DARBHANGA	0830	49	1003.6	998.0	-0.5	30.4	26.3	23.5	28.9	72	+ 7	1.3	-1.2	4.8	0	0	26	00	2	11	12	0	0	0	1	5	0
	1730	49	999.1	993.7	-0.2	35.7	27.8	24.5	30.7	54	+ 8	0.5	-0.7	0.7	0	0	7	00	0	3	1	0	0	0	3	24	0
MUZAFFARPUR	0830		..	..	..	29.8	23.7	20.7	24.4	59	..	1.0	..	6.8	0	0	27	01	0	19	3	2	0	2	0	4	0
	1730		..	..	..	36.3	23.5	16.3	18.5	33	..	0.6	..	3.5	0	0	26	02	1	8	0	0	0	8	6	5	1
CHAPRA	0830	58	1002.6	996.2	..	31.9	22.6	17.3	19.7	45	..	0.2	..	2.6	0	0	31	00	8	0	7	0	15	0	1	0	0
	1730	58	998.9	992.6	..	38.3	22.7	12.9	14.9	24	..	0.4	..	3.6	0	0	31	00	5	0	4	0	20	0	2	0	0
PURNEA	0830	38	1003.9	999.7	-0.7	29.1	23.8	21.1	25.0	64	- 6	3.0	-0.7	3.2	0	0	30	00	3	24	1	0	0	2	0	1	0
	1730	38	999.0	994.8	-0.9	35.1	24.7	19.5	22.7	42	-14	1.5	-0.7	2.6	0	0	27	00	7	8	1	1	1	6	3	4	0
PATNA	0830	53	1002.7	996.9	-0.5	31.0	22.8	18.3	21.0	49	- 7	0.3	-1.7	7.3	0	0	31	01	17	1	3	2	2	4	1	0	0
	1730	53	998.3	992.6	-0.3	38.5	22.6	12.3	14.3	22	-14	0.6	-1.1	9.7	0	2	28	02	7	0	0	0	0	0	12	9	1
PATNA AERODROME	0230	60	999.7	992.9	..	28.0	20.9	16.6	18.9	52	..	0.6	..	8.5	0	2	21	00	1	10	2	0	1	5	4	8	0
	0530	60	1000.6	993.8	..	26.1	20.6	17.3	19.7	61	..	1.3	..	6.4	0	2	17	00	0	12	0	0	2	4	0	12	1
	0830	60	1002.2	995.5	+0.0	31.4	23.0	18.4	21.1	48	- 3	0.4	-1.3	12.0	0	3	28	00	0	16	3	2	1	7	2	0	0
	1130	60	1001.7	995.2	..	37.2	23.6	15.8	17.9	32	..	0.5	..	15.0	0	5	26	04	1	8	0	1	0	10	5	0	2
	1430	60	999.0	992.5	..	40.1	23.4	13.1	15.1	22	..	1.0	..	17.7	0	13	15	01	3	3	0	0	0	8	12	3	1
	1730	60	997.5	991.0	+0.0	39.2	22.6	11.8	13.8	22	- 6	0.7	-0.7	15.2	0	7	23	03	3	2	0	0	0	9	13	1	0
	2030	60	999.7	993.1	..	33.4	22.2	15.6	17.6	36	..	0.7	..	7.2	0	3	15	00	0	8	1	1	0	7	1	13	0
	2330	60	1000.4	993.8	..	30.0	21.5	16.5	18.8	45	..	0.6	..	10.2	0	4	17	00	0	11	1	1	0	6	2	10	0
BHAGALPUR	0530	49	1001.4	995.9	..	26.1	22.4	20.3	23.8	74	..	3.0	..	4.1	0	0	30	00	3	17	4	1	3	2	0	1	0
	0830	49	1003.1	997.6	-0.6	30.4	24.6	21.8	26.1	61	+ 1	1.9	-0.8	3.9	0	0	31	00	4	14	6	1	2	4	0	0	0
	1130	49	1002.5	997.2	..	37.1	25.7	20.2	23.7	40	..	1.4	..	4.6	0	0	31	00	3	9	5	0	3	8	3	0	0
	1730	49	998.3	993.0	-1.0	36.6	24.7	18.5	21.3	37	- 6	2.0	+0.0	5.7	0	0	30	02	5	6	2	0	1	9	4	1	1
	2330	49	1001.3	995.9	..	29.3	23.9	21.2	25.2	63	..	1.4	..	4.1	0	0	30	00	4	12	7	0	4	2	0	1	1
SABAUR	0830	37	1003.6	999.5	-0.2	30.4	25.2	22.8	27.7	65	- 1	1.6	-1.5	8.7	0	3	26	00	1	17	2	1	1	5	2	2	0
	1730	37	998.4	994.3	-0.8	37.3	26.7	21.9	26.3	44	- 5	1.3	-1.8	7.7	0	1	28	10	1	5	0	1	1	4	7	2	0
JAMUI	0830	82	1003.8	994.8	+1.1	34.2	26.5	23.1	28.3	55	+ 5	0.5	-1.3	9.7	0	1	29	00	2	9	3	1	0	2	13	0	0
	1730	82	999.5	990.6	+1.3	38.3	27.7	23.2	28.4	43	+ 6	0.7	-1.1	11.8	0	3	27	00	6	1	1	0	0	4	18	0	0
DEHRI	0830	107	1002.1	990.4	+0.2	35.5	21.9	13.2	15.2	28	-10	0.5	-1.0	3.6	0	0	31	01	1	3	3	4	5	9	5	0	0
	1730	107	997.7	986.1	+0.3	39.2	22.4	11.3	13.4	19	- 2	0.3	-1.1	4.2	0	0	31	05	6	0	0	0	1	15	4	0	0
GAYA	0230	116	1000.8	987.9	..	28.2	19.3	13.2	15.2	41	..	0.9	..	6.3	0	2	23	02	4	2	3	9	3	2	0	6	0
	0530	116	1001.3	988.8	..	26.8	18.8	13.2	15.2	45	..	1.4	..	5.0	0	0	23	03	2	2	2	9	7	0	0	8	0
	0830	116	1002.7	990.0	+0.1	35.0	21.6	12.9	14.9	29	-10	0.7	-0.8	10.0	0	3	26	00	4	4	1	2	11	6	0	2	1
	1130	116	1002.3	989.8	..	39.9	22.6	11.2	13.3	18	..	0.6	..	13.2	0	7	23	02	3	0	0	0	11	11	2	1	1
	1430	116	999.7	987.3	..	41.5	22.6	9.6	11.9	16	..	1.1	..	24.1	0	19	12	05	1	0	0	0	5	15	5	0	0
	1730	116	998.3	985.9	+0.3	40.3	21.8	8.4	11.0	15	- 9	1.1	-0.8	20.6	0	18	13	02	1	0	0	0	4	13	11	0	0
	2030	116	1000.3	987.5	..	33.8	20.6	11.4	13.5	27	..	0.6	..	6.5	0	1	21	06	3	1	0	0	2	9	1	9	0
	2330	116	1001.2	988.4	..	30.3	20.2	13.5	15.5	36	..	0.6	..	7.7	0	3	18	01	7	0	2	4	3	4	0	10	0
UTTAR PRADESH EAST																											
KHERI	0830	147	1005.4	989.0	+2.9	30.6	20.5	13.4	15.4	37	-10	0.5	-0.5	9.2	0	3	28	00	0	14	0	0	0	17	0	0	0
	1730	147	997.9	982.1	+0.2	39.2	21.9	9.1	11.5	18	-11	0.3	-0.5	8.9	0	1	29	00	0	3	0	0	0	27	0	1	0
BAHRAICH	0830	124	1002.1	988.4	-0.7	31.6	22.5	16.9	19.3	44	- 6	0.7	-0.6	6.1	0	0	29	02	0	2	9	0	2	4	10	2	0
	1730	124	998.0	984.7	+0.0	39.3	24.6	15.9	18.1	27	- 4	0.5	-0.6	8.7	0	0	30	00	0	0	1	0	3	17	9	1	0
NAUTANWA	0830	99	1004.1	993.0	+0.9	30.8	22.8	17.8	20.4	49	- 2	0.2	-1.0	5.7	0	0	29	00	3	11	11	1	1	1	1	2	0
	1730	99	999.7	988.9	+1.4	37.7	23.5	13.9	15.9	29	- 4	0.6	-0.3	4.2	0	0	29	00	1	2	5	0	10	4	8	1	0
HARDOI	0830	142	1002.0	986.4	+0.2	33.8	21.5	13.3	15.3	30	-13	0.1	-1.0	2.2	0	0	24	00	0	2	0	1	0	21	0	7	0
	1730	142	998.5	983.2	+0.5	38.4	22.4	11.7	13.7	21	- 6	0.3	-0.8	3.4	0	0	28	00	0	0	0	0	0	26	2	3	0
GONDA	0830	110	1002.6	990.5	-0.5	33.5	21.9	14.1	16.1	34	-15	0.4	-1.0	3.7	0	0	30	05	0	12	0	0	0	0	13	1	0
	1730	110	998.4	986.5	-0.1	39.8	23.1	11.9	13.9	20	- 8	0.1	-1.0	4.0	0	0	25	00	0	2	0	0	0	4	19	6	0
LUCKNOW	0830	111	1003.1	990.9	+0.6	32.6	22.1	15.6	17.7	37	- 7	0.2	-1.0	5.6	0	0	28	00	0	0	0	0	0	28	0	3	0
	1730	111	997.7	985.8	-0.5	38.9	23.3	12.7	14.7	22	- 5	0.0	-0.9	7.0	0	0	28	00	0	0	0	0	0	27	1	3	0
LUCKNOW (AMOUSI)	0230	128	1000.1	985.8	..	27.6	18.1	10.5	12.7	36	..	0.5	..	4.4	0	0	19	03	0	2	0	1	0	5	8	12	0
	0530	128	1000.8	986.4	..	25.4	17.8	11.5	13.6	43	..	0.8	..	4.7	0	0	21	02	1	3	1	0	1	10	3	10	0
	0830	128	1002.2	988.2	+0.3	32.6	20.3	11.3	13.4	29	- 9	0.6	-0.6	10.8	0	1	28	01	1	5	1	0	2	8	11	2	0
	1130	128	1001.8	988.1	..	38.5	21.5	8.6	11.2	17	..	0.5	..	15.1	0	1	27	02	2	2	1	0	2	7	12	3	0
	1430	128	999.6	985.9	..	40.5	21.7	7.3	10.2	14	..	1.2	..	19.3	0	17	13	01	1	2	0	1	1	8	16	1	0
	1730	128	998.2	984.5	+0.8	39.7	21.2	6.2	9.4	14	- 6	0.5	-0.6	16.8	0	14	16	00	0	0	0	0	0	9	21	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — MAY , 1968 (VAISKHA 11-JYAISTHA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lat. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
UTTAR PRADESH EAST (CONTD.)																											
LUCKNOW (AMAUSI)	2030	128	999.9	985.9	..	33.3	20.1	10.2	12.4	26	..	0.2	..	5.2	0	0	21	00	0	1	0	0	0	10	10	10	0
	2330	128	1000.7	986.6	..	29.8	18.7	10.2	12.4	31	..	0.3	..	5.1	0	0	21	01	0	3	0	0	0	8	9	10	0
FAIZABAD	0830	102	1002.1	991.1	-0.4	31.8	21.8	15.2	17.3	39	-10	0.7	-0.9	5.4	0	0	30	03	0	4	4	1	0	13	4	1	1
	1730	102	998.1	987.2	-0.1	38.2	22.8	13.0	15.0	23	- 7	0.3	-1.3	3.9	0	0	25	01	1	1	0	0	0	20	2	6	0
GORAKHPUR	0830	77	1002.7	994.2	-0.3	32.1	22.7	16.9	19.3	43	-13	0.4	-1.1	2.5	0	0	31	03	5	11	2	0	1	7	2	0	0
	1730	77	998.1	989.8	-0.5	39.5	23.3	12.6	14.6	22	-14	0.5	-0.8	3.6	0	0	31	01	1	2	0	2	0	24	1	0	0
GORKHPUR P.B.O.	0230	78	999.7	991.0	..	30.0	19.5	12.7	14.7	38	..	0.1	..	5.5	0	0	26	01	1	6	2	1	2	12	1	5	0
	0530	78	1000.7	991.9	..	27.3	19.1	16.1	18.3	45	..	0.5	..	5.4	0	0	25	04	4	7	0	0	1	5	4	6	0
	1130	78	1001.7	993.2	..	36.1	22.1	14.3	16.3	31	..	0.4	..	9.6	0	3	28	01	0	2	8	2	6	6	6	0	0
	1430	78	999.3	990.7	..	38.2	21.6	11.3	13.4	24	..	0.7	..	15.5	0	8	23	02	1	1	3	0	5	9	10	0	0
	2030	78	999.4	990.8	..	34.5	20.6	12.4	14.4	27	..	0.2	..	6.2	0	0	26	00	2	6	0	1	7	10	0	5	0
	2330	78	1000.3	991.6	..	32.0	20.3	13.2	15.2	35	..	0.1	..	5.7	0	0	26	00	0	8	1	1	5	9	2	5	0
KANPUR	0830	126	1002.3	988.3	-0.3	33.3	22.2	15.3	17.4	35	+ 0	0.2	-0.7	9.7	0	0	29	04	1	1	0	4	0	15	4	2	0
	1730	126	998.5	985.1	+0.4	40.2	25.3	16.8	19.1	27	+ 6	0.2	-0.8	11.7	0	1	30	06	1	0	0	0	1	17	6	0	0
KANPUR (AERODROME)	0530	126	1001.2	987.2	..	27.4	17.9	10.3	12.5	35	..	1.3	..	10.6	0	3	25	04	0	2	1	0	1	12	8	3	0
	0830	126	1002.5	988.7	..	33.5	20.3	10.2	12.4	25	..	1.0	..	14.3	0	4	25	06	2	1	2	1	3	3	11	2	0
	1130	126	1002.2	988.6	..	39.4	21.9	8.7	11.2	17	..	0.7	..	17.4	0	8	22	05	0	0	1	0	4	8	12	1	0
	1730	126	998.7	985.2	..	40.6	21.7	7.5	10.4	15	..	0.7	..	15.8	0	8	22	06	1	1	0	0	3	5	13	1	1
	2330	126	1000.9	987.1	..	32.1	19.4	8.9	11.4	25	..	0.5	..	8.5	0	0	25	06	2	1	0	0	0	5	11	6	0
SULTANPUR	0830	97	1001.9	991.4	-0.9	34.1	21.5	12.4	14.4	29	-14	0.4	-0.9	2.5	0	0	21	05	2	2	1	0	0	7	4	10	0
	1730	97	998.4	988.0	-0.3	40.5	22.6	8.7	11.2	16	- 9	0.2	-0.9	4.3	0	0	27	01	0	2	0	0	1	16	7	4	0
AZAMGARH	0830	78	1002.4	993.9	+0.4	33.5	24.5	19.7	22.9	47	- 5	0.3	-0.4	5.4	0	0	31	09	1	6	1	1	0	12	1	0	0
	1730	78	998.3	990.1	+0.8	40.2	26.4	19.7	22.9	32	- 3	0.3	-0.2	6.4	0	0	30	01	0	3	0	0	0	26	0	1	0
FATEHPUR	0830		..	..	..	34.0	23.2	16.9	19.3	37	- 2	0.3	-1.0	7.9	0	1	30	04	2	1	1	0	4	10	9	0	0
	1730		..	..	..	40.5	25.3	17.1	19.5	26	+ 1	0.2	-1.1	9.7	0	0	30	01	1	0	0	0	0	9	19	1	0
BALLIA	0830	64	1003.9	996.9	+1.2	34.0	26.6	22.8	27.7	56	+11	0.3	-1.1	2.9	0	0	28	00	0	11	3	0	1	10	3	3	0
	1730	64	998.9	992.0	+0.3	39.4	25.4	16.8	19.1	31	+ 5	0.4	-0.6	2.1	0	0	21	00	1	4	0	0	1	13	2	10	0
BANDA	0830	121	1003.4	990.1	+0.9	34.3	24.8	20.4	24.0	46	+11	0.2	-0.6	2.1	0	0	30	00	2	0	0	0	26	0	2	1	0
	1730	121	999.5	986.5	+1.3	41.4	26.8	18.9	21.8	30	+ 5	1.4	-0.1	2.5	0	0	28	00	1	0	0	0	27	0	3	0	0
ALLAHABAD (BAMHRAULI)	0230	98	1000.2	989.3	..	28.4	19.3	12.8	14.8	39	..	0.4	..	2.2	0	0	18	02	0	2	1	0	0	7	6	13	0
	0530	98	1000.9	989.9	..	[illegible]	18.5	12.6	14.6	42	..	1.1	..	2.3	0	0	20	02	0	3	2	0	2	9	2	11	0
	0830	98	1002.3	991.9	+0.3	[illegible]	21.7	13.5	15.5	30	- 5	1.0	-0.4	6.8	0	0	29	03	1	0	1	2	1	12	9	2	0
	1130	98	1002.3	991.7	..	40.2	23.6	13.3	15.3	21	..	0.5	..	9.8	0	0	31	01	2	2	0	0	2	16	8	0	0
	1430	98	999.8	989.3	..	42.0	24.0	12.9	14.9	18	..	0.8	..	12.6	0	4	26	00	1	2	0	0	2	14	11	1	0
	1730	98	998.4	987.9	+0.6	40.8	23.5	12.8	14.8	19	+ 0	0.7	-0.8	9.5	0	0	30	05	2	0	0	0	0	5	18	1	0
	2030	98	1000.0	989.2	..	33.9	22.0	14.5	16.5	32	..	0.2	..	1.8	0	0	16	01	1	0	0	1	0	7	6	15	0
	2330	98	1000.7	989.9	..	30.6	20.4	13.5	15.5	36	..	0.1	..	2.8	0	0	14	00	0	2	1	1	0	5	5	17	0
VARANASI (BABATPUR)	0530	85	1001.1	991.4	..	26.9	18.2	11.0	13.1	39	..	0.7	..	4.0	0	0	24	00	0	3	1	5	11	3	1	7	0
	0830	85	1002.7	993.2	-0.1	33.8	20.6	10.5	12.7	27	-10	0.8	-0.5	11.2	0	1	29	01	1	3	1	1	5	14	3	1	1
	1130	85	1002.3	993.0	..	39.3	21.4	6.9	9.9	16	..	0.4	..	14.5	0	7	23	00	3	1	1	0	1	18	6	1	0
	1730	85	998.4	989.2	+0.1	40.3	21.0	5.1	8.8	13	- 9	0.4	-0.8	13.7	0	1	30	00	2	0	1	0	0	20	8	0	0
	2330	85	1000.8	991.2	..	30.8	19.1	9.7	12.0	29	..	0.2	..	4.8	0	0	18	00	1	4	0	0	0	11	2	13	0
VARANASI	0830	76	1002.8	994.3	+0.3	30.9	21.9	16.2	18.4	42	- 2	0.4	-1.2	1.4	0	0	21	00	1	2	0	0	1	15	2	10	0
	1730	76	998.8	990.5	+0.9	39.7	23.7	13.7	15.7	23	- 1	0.5	-0.9	3.6	0	0	27	00	1	0	0	0	0	19	7	4	0
UTTAR PRADESH WEST																											
MUKHIM	0830		..	..	..	19.8	12.4	6.4	9.6	43	- 1	0.5	..	0.9	0	0	7	00	2	0	0	0	0	5	0	24	0
	1730		..	..	..	22.2	13.0	5.5	9.0	35	- 2	1.9	..	5.4	0	0	27	01	2	0	2	0	0	0	22	4	0
TEHRI	0830		..	..	..	24.3	15.8	9.3	11.7	40	- 6	1.2	-0.6	2.3	0	0	23	01	11	2	2	0	0	2	5	8	0
	1130		(R)																								
	1730		..	..	..	33.7	18.3	6.4	9.6	21	- 4	3.7	+0.4	5.9	0	0	27	00	2	1	9	3	6	3	3	4	0
DEHRA DUN	0530	682	1002.7	927.5	..	21.8	16.3	12.9	14.7	57	..	1.1	..	0.3	0	0	3	01	1	0	0	0	0	0	1	28	0
	0830	682	1002.4	928.4	-0.3	26.6	19.9	15.9	18.1	52	+11	1.0	-0.8	0.3	0	0	4	02	0	0	0	0	1	1	0	27	0
	1130	682	1001.5	929.4	..	34.1	23.3	17.7	20.9	39	..	1.7	..	0.8	0	0	6	00	0	0	1	2	2	0	1	25	0
	1730	682	998.0	926.0	+0.3	34.2	23.5	18.1	20.8	40	+14	2.5	+0.0	3.5	0	0	29	01	2	0	0	5	14	6	1	2	0
	2330	682	1002.5	928.1	..	25.4	18.5	14.3	16.3	51	..	1.0	..	0.6	0	0	3	00	1	0	0	0	0	1	0	28	1
MANSIARI	0830		(R)																								
	1730		(R)																								
ROORKEE	0830	274	1003.4	973.2	+1.1	30.3	19.2	11.0	13.1	31	- 6	0.9	-0.9	1.0	0	0	15	00	0	0	0	0	0	0	15	16	0
	1730	274	999.8	970.5	+2.2	38.2	22.4	11.5	13.6	21	+ 1	1.3	-0.7	2.1	0	0	26	00	0	0	1	0	0	0	25	5	0
NAJIBABAD	0830	270	1003.9	974.0	+1.3	29.4	19.3	12.0	14.0	35	- 4	0.2	-0.8	2.5	0	0	24	00	0	3	4	0	1	8	8	7	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – MAY , 1968 (VAISKHA 11-JYAISTHA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
UTTAR PRADESH WEST(CONTD.)																											
NAJIBABAD	1730	270	999.7	970.6	+0.9	37.4	21.3	10.3	12.5	20	- 1	0.3	-0.4	4.0	0	0	28	00	0	1	0	0	1	17	9	3	0
MEERUT	0830	222	1002.9	978.4	+0.4	30.4	20.8	14.5	16.5	39	+ 1	0.0	-0.5	2.6	0	0	19	00	0	1	0	0	0	11	7	12	0
BAREILLY	0830	173	1002.2	983.2	+0.1	33.1	21.4	13.7	15.7	32	- 7	0.7	-0.6	11.1	0	2	28	01	0	3	0	0	2	20	4	1	0
	1730	173	998.2	979.6	+0.7	38.5	22.9	12.8	14.7	23	+ 0	0.7	-0.6	6.6	0	0	30	00	0	2	0	0	1	27	0	1	0
BAREILLY P.B.O.	0230	172	1000.1	981.0	..	29.2	19.1	13.3	15.3	38	..	1.1	..	5.4	0	0	27	02	0	3	0	0	0	14	8	4	0
	0530	172	1000.6	981.4	..	26.8	18.4	13.7	15.7	44	..	1.3	..	3.9	0	0	25	01	0	2	0	0	0	11	11	6	0
	1130	172	1002.0	983.2	..	35.8	22.5	16.0	18.2	32	..	1.0	..	10.0	0	1	14	01	1	2	2	0	0	9	16	0	0
	1430	172	..	..	..	..	..	..	..	..	..	1.8	..	12.1	0	1	30	01	0	0	1	1	0	8	20	0	0
	2030	172	1000.0	981.2	..	33.7	20.8	14.0	16.0	31	..	0.7	..	5.9	0	0	28	00	0	1	0	0	0	18	9	3	0
	2330	172	1000.7	981.8	..	31.0	19.9	13.8	15.8	36	..	1.0	..	5.5	0	0	25	00	0	0	1	0	0	13	11	6	0
ALIGARH	0830	187	1003.6	982.9	+1.2	31.3	19.7	11.3	13.4	30	- 5	1.2	+0.2	4.7	0	0	29	05	2	1	0	0	2	13	6	2	0
	1730	187	999.9	979.7	+1.7	38.4	21.0	8.0	10.7	16	- 6	1.8	+0.4	5.7	0	0	31	08	0	1	0	0	0	21	1	0	0
MAINPURI	0830	157	1003.4	986.1	+1.0	32.5	20.9	13.0	15.0	31	- 4	1.1	-0.3	3.5	0	0	28	00	1	2	0	0	0	24	1	3	0
	1730	157	999.0	982.2	+1.0	39.6	22.2	9.9	12.2	18	- 5	0.4	-1.1	4.1	0	0	27	00	0	0	0	0	0	26	1	4	0
AGRA	0830	169	1003.4	984.9	+1.0	32.5	24.0	19.8	23.1	47	+17	0.7	-0.4	4.1	0	0	23	00	1	0	1	0	9	0	12	8	0
	1730	169	999.7	981.6	+1.4	39.0	27.6	22.4	27.1	40	+19	0.6	-0.9	2.8	0	0	17	00	0	0	0	0	10	0	7	14	0
AGRA AERODROME	0230	169	1001.9	982.5	..	27.2	18.4	11.8	13.8	38	..	1.2	..	5.1	0	0	16	02	3	1	0	0	0	5	5	15	0
	0530	169	1002.0	983.0	..	25.5	17.6	12.0	14.0	44	..	1.6	..	8.2	0	0	28	06	1	1	0	1	0	10	9	3	0
	0830	169	1003.5	984.9	..	31.6	20.9	13.9	15.9	35	..	1.1	..	8.6	0	2	26	05	2	1	1	0	1	7	11	3	0
	1130	169	1003.2	985.0	..	38.0	22.7	12.6	14.6	22	..	0.8	..	15.0	0	5	25	09	1	1	0	1	1	3	14	1	0
	1730	168	998.4	981.5	..	39.0	23.3	12.5	14.5	21	..	2.0	..	17.5	1	4	26	15	2	0	0	0	0	4	10	0	0
	2330	169	1001.9	981.9	..	29.7	19.3	11.7	13.7	34	..	1.5	..	7.0	0	2	16	06	4	0	0	0	0	2	6	13	0
ORAI	0830	141	1002.5	988.1	+0.4	36.3	24.1	17.3	19.7	33	- 3	0.2	-0.7	3.2	0	0	30	05	9	0	1	1	1	1	12	1	0
	1730	141	999.6	984.5	+1.0	39.8	25.9	18.6	21.4	30	+ 3	0.0	-1.5	3.0	0	0	30	09	9	0	0	0	1	3	8	1	0
JHANSI	0830	251	1003.3	976.0	+0.6	33.3	19.7	9.0	11.5	23	- 3	0.5	-0.7	1.2	0	0	14	00	0	1	0	1	0	12	0	17	0
	1730	251	998.6	971.9	+0.4	39.7	20.8	5.9	9.3	13	- 2	1.3	-1.0	2.7	0	0	24	03	0	2	0	0	0	14	0	7	0
MORADABAD	0830		..	..	..	30.5	26.6	25.1	31.9	71	..	0.0	..	4.5	0	0	26	00	5	0	1	0	0	1	19	5	0
	1730		..	..	..	38.6	30.0	26.6	34.8	51	..	0.0	..	8.0	0	0	30	00	0	0	0	0	0	28	2	1	0
HARYANA(INCLUDING DELHI AND CHANDIGARH)																											
CHANDIGARH	0830	347	1003.5	964.8	+1.5	29.1	18.7	10.9	13.0	34	+ 2	1.0	+0.2	2.6	0	0	22	00	2	0	0	0	2	0	18	9	0
	1730	347	998.4	961.2	+0.5	36.2	19.9	6.8	9.9	15	- 6	1.0	+0.2	5.0	0	0	27	09	0	0	0	0	10	0	17	4	0
AMBALA	0830	272	1002.8	972.8	+0.9	30.4	19.2	10.8	12.9	30	- 6	0.3	-1.1	2.1	0	0	29	00	4	0	4	0	1	0	20	2	0
	1730	272	999.9	976.6	+8.1	37.5	20.0	5.9	9.3	14	- 7	0.0	-1.6	2.8	0	0	30	00	1	0	0	0	6	0	23	1	0
AMBALA P.B.O.	0230	278	1001.0	970.2	..	23.3	19.9	14.3	16.3	43	..	0.8	..	6.3	0	1	19	01	0	0	2	1	0	1	15	11	0
	0530	278	1001.3	970.3	..	25.8	15.0	13.9	15.9	48	..	0.8	..	4.7	0	0	20	00	2	0	1	0	2	0	15	11	0
	1130	278	1002.2	971.8	..	35.7	22.2	15.5	17.6	31	..	1.4	..	8.4	0	0	25	00	1	0	2	1	1	0	20	6	0
	1430	278	1000.5	971.0	..	37.6	22.2	14.4	16.4	26	..	2.0	..	1.1	0	3	26	00	0	0	3	0	5	2	19	2	0
	2030	278	1000.6	970.3	..	33.5	21.3	15.0	17.0	34	..	0.7	..	5.0	0	0	21	02	0	0	0	1	2	2	14	10	0
	2330	278	1001.5	970.9	..	30.7	20.2	14.8	16.8	37	..	0.9	..	8.3	0	1	25	02	0	2	1	0	1	1	19	5	0
AMBALA AERODROME	0530	274	1001.6	970.7	..	22.8	17.0	12.7	14.7	54	..	1.6	..	0.8	0	2	19	01	2	0	0	1	3	7	7	10	0
	0830	274	1002.3	972.1	..	30.1	20.2	13.6	15.5	37	..	1.5	..	13.0	0	5	20	03	0	2	1	1	0	9	9	6	0
	1130	274	1001.9	972.2	..	35.8	22.1	13.1	15.1	27	..	1.5	..	16.0	0	8	22	00	0	0	0	3	5	10	12	1	0
	1730	274	998.8	969.7	..	36.7	22.1	12.4	14.3	24	..	2.2	..	18.4	0	10	20	00	0	0	0	2	5	17	6	1	0
	2330	274	1001.3	971.3	..	27.4	19.2	13.5	15.5	44	..	1.3	..	11.0	0	2	24	00	0	1	1	2	3	8	11	5	0
KARNAL	0830	249	1002.4	974.9	+0.4	29.7	19.2	11.5	13.6	33	- 8	0.5	-0.9	5.0	0	0	29	04	0	5	1	1	0	8	10	2	0
	1730	249	999.2	972.5	+0.7	37.6	20.1	5.5	9.0	14	- 5	1.0	-0.7	6.4	0	0	29	00	1	1	0	0	0	16	11	2	0
HISSAR	0530	221	1002.4	978.0	..	23.9	19.3	16.3	18.5	63	..	1.5	..	5.0	0	0	20	06	1	1	0	2	4	4	2	11	0
	0830	221	1003.7	979.1	+1.1	29.1	22.3	18.7	21.6	54	+13	0.8	+0.1	3.3	0	0	24	08	2	5	0	1	3	3	2	7	0
	1130	221	1003.6	979.3	..	36.9	25.2	19.3	22.4	38	..	1.3	..	6.6	0	0	29	07	0	1	2	2	4	9	4	2	0
	1430	221	1001.1	977.9	..	38.7	26.4	20.1	23.5	36	..	2.0	..	8.3	0	0	28	04	0	1	1	1	8	8	5	3	0
	1730	221	1000.1	976.2	+1.6	37.3	25.9	20.0	23.4	37	+13	1.8	+0.8	7.0	0	1	28	07	0	0	0	2	4	9	7	2	0
	2330	221	1002.7	977.8	..	28.3	21.4	17.3	19.7	52	..	1.2	..	6.8	0	2	21	05	3	2	2	0	5	6	0	8	0
NEW DELHI/SAFDARJUNG	0230	216	1001.4	977.3	..	28.1	18.8	12.1	14.1	38	..	1.4	..	6.2	0	1	20	02	0	0	1	0	1	6	11	10	0
	0530	216	1002.0	977.7	..	26.2	18.0	11.8	13.8	41	..	1.7	..	6.5	0	1	22	02	1	0	1	0	1	9	9	8	0
	0830	216	1003.3	979.4	+1.1	30.3	19.9	12.5	14.5	35	+ 4	1.8	+0.6	10.2	0	3	26	02	2	1	1	0	1	10	12	2	0
	1130	216	1003.1	979.6	..	36.1	21.4	11.2	13.3	23	..	0.9	..	13.7	0	7	23	07	0	0	0	0	3	5	15	1	0
	1430	216	1000.9	977.6	..	38.2	21.8	10.3	12.5	19	..	2.0	..	17.6	0	13	18	03	0	0	1	0	2	9	16	0	0
	1730	216	999.7	976.4	+1.8	37.7	21.3	9.5	11.9	18	+ 0	2.9	+1.1	15.3	0	10	21	01	1	0	0	1	2	9	17	0	0
	2030	216	1001.1	977.5	..	33.2	20.2	10.9	13.0	26	..	2.5	..	6.3	0	0	23	04	1	0	1	0	4	4	9	8	0
	2330	216	1002.1	978.2	..	29.9	19.5	12.2	14.2	34	..	1.7	..	6.3	0	1	20	03	2	0	1	1	1	3	10	10	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MAY ,1968 (VAISKHA 11-JYAISTHA 10,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			All means sea level or lat. in gen. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind speed (Km. p. h.)			Wind direction									
															03 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HARYANA (INCLUDING DELHI AND CHANDIGARH) (CONTD.)																											
PALAM AERODROME	0230	233	1001.8	975.8	..	27.6	17.2	8.9	11.0	34	..	1.2	..	8.6	0	0	27	07	1	0	2	1	8	6	2	4	0
	0530	233	1002.4	976.2	..	24.5	16.5	9.8	12.1	40	..	1.7	..	9.8	0	0	26	05	2	1	0	0	8	7	3	5	0
	0830	233	1003.5	977.8	..	29.3	19.0	10.8	12.9	32	..	1.5	..	13.7	0	4	26	06	2	0	2	0	3	8	9	1	0
	1130	233	1003.2	978.0	..	36.5	19.7	5.3	8.9	16	..	0.9	..	16.8	0	11	20	07	1	0	0	0	2	5	16	0	0
	1430	233	1001.3	976.3	..	38.9	21.2	6.6	9.7	16	..	1.6	..	20.3	0	16	15	08	1	0	0	0	0	5	17	0	0
	1730	233	999.9	974.9	..	38.3	20.9	6.4	9.6	15	..	2.7	..	21.6	0	17	14	08	1	0	0	0	5	6	11	0	0
	2030	233	1001.3	975.9	..	32.9	19.3	8.1	10.8	23	..	2.8	..	11.0	0	2	27	07	6	0	1	0	3	6	6	2	0
	2330	233	1002.2	976.5	..	29.3	18.2	8.9	11.4	30	..	1.9	..	9.0	0	1	26	04	4	0	2	1	6	5	5	4	0
GURGAON	0830		(R)																								
	1730		(R)																								
NARNAUL	0830		(R)																								
	1730		(R)																								
ROHTAK	0830		..	..	..	29.0	20.2	14.0	16.0	42	..	1.6	..	10.3	0	1	30	04	2	1	1	0	2	12	9	0	0
	1730		..	..	..	36.7	21.3	17.3	23.7	22	..	0.8	..	12.5	0	5	26	00	1	0	0	2	3	18	7	0	0
PUNJAB																											
PATHANKOT	0530	312	1002.2	967.2	..	23.1	16.1	10.0	12.3	45	..	3.5	..	13.8	0	4	23	01	17	3	1	1	0	2	2	4	0
	0830	312	1002.9	968.6	+1.2	29.6	18.2	8.9	11.4	28	+ 3	3.9	+1.4	13.3	0	5	24	03	16	2	1	4	1	1	1	2	0
	1130	312	1002.6	968.9	..	34.3	19.3	7.6	10.4	19	..	4.0	..	11.4	0	3	28	05	7	2	3	7	2	3	1	0	1
	1730	312	1000.1	966.4	+0.8	34.8	19.3	6.1	9.4	19	+ 0	4.4	+1.2	27.1	0	19	12	00	5	0	1	6	2	9	8	0	0
	2330	312	1002.9	968.2	..	26.4	17.0	9.0	11.5	34	..	3.0	..	15.6	1	7	19	06	13	4	0	0	0	0	4	4	0
AMRITSAR	0530	234	1002.9	976.2	..	21.1	16.5	13.0	15.0	60	..	2.8	..	11.2	0	2	27	11	5	0	0	2	2	3	6	2	0
	0830	234	1003.6	977.5	+1.2	27.7	19.0	12.8	14.8	41	+ 3	2.3	+0.4	15.0	0	9	19	11	4	2	1	1	2	3	4	3	0
	1130	234	1003.5	977.9	..	33.9	20.2	10.1	12.3	24	..	2.4	..	16.3	0	12	19	08	2	4	1	3	1	3	9	0	0
	1430	234	1002.0	976.5	..	36.5	20.8	8.6	11.2	19	..	3.0	..	20.3	1	11	18	06	2	3	0	2	1	9	7	1	0
	1730	234	1000.7	975.2	+1.7	34.9	20.0	8.6	11.2	21	+ 2	3.5	+1.8	20.6	0	17	2	08	0	1	0	3	2	5	12	0	0
	2030	234	1002.4	976.3	..	28.0	19.0	12.7	14.7	39	..	3.5	..	12.9	0	6	22	09	1	1	0	1	2	5	9	3	0
ADAMPUR AERODROME	0830	249	1003.0	975.4	..	28.7	18.0	9.4	11.8	31	..	2.8	..	12.3	0	7	18	06	3	2	3	0	0	1	8	6	2
	1730	249	1000.4	973.4	..	35.3	19.1	4.8	8.6	16	..	3.4	..	23.3	0	19	12	05	0	0	1	1	3	5	16	0	0
LUDHIANA	0830	247	1003.2	975.9	+0.9	29.2	19.6	12.2	14.2	35	- 2	1.7	+0.4	2.1	0	0	19	01	6	0	1	1	0	1	9	12	0
	1730	247	999.9	973.3	+1.4	36.9	20.8	8.3	10.9	18	- 4	2.6	+0.9	7.1	0	0	28	03	1	0	2	0	2	1	19	3	0
FEROZEPUR	0830	200	1005.0	982.5	+2.9	27.2	20.0	15.7	17.8	50	+ 2	1.0	-0.1	2.0	0	0	22	12	1	0	0	0	0	0	9	9	0
	1730	200	1003.3	981.5	+4.6	35.6	22.1	13.2	15.2	27	- 1	1.9	+0.7	4.0	0	0	16	15	1	0	0	0	0	0	0	15	0
HALWARA AERODROME	0530	242	1002.6	975.2	..	21.9	16.5	12.6	14.6	57	..	1.9	..	16.2	0	4	27	09	5	0	2	3	3	4	5	0	0
	0830	242	1003.1	976.4	..	29.5	19.5	12.2	14.2	35	..	1.8	..	18.6	0	8	23	08	2	2	2	2	2	2	10	0	1
	1130	242	1002.8	976.6	..	35.7	20.7	9.5	11.9	21	..	1.9	..	21.6	0	16	15	05	3	1	2	3	3	4	9	0	1
	1730	242	1000.0	973.9	..	36.3	20.9	9.9	12.2	22	..	2.3	..	23.0	0	17	14	06	1	0	0	3	1	4	15	0	1
	2330	242	1002.8	975.7	..	25.5	17.6	12.1	14.1	43	..	1.6	..	18.6	0	8	23	07	3	0	0	3	1	5	11	0	1
PATIALA	0830	251	1003.9	976.2	+1.7	29.8	19.9	13.6	15.6	38	+ 2	1.0	-0.7	7.2	0	0	14	05	0	0	5	0	0	0	4	17	0
	1730	251	999.7	972.8	+1.5	36.7	20.6	8.5	11.1	18	- 2	2.1	+0.1	9.3	0	0	21	01	0	0	2	0	0	0	18	10	0
BHATINDA	0830	211	1003.4	980.6	..	30.3	21.7	16.4	18.6	45	- 4	0.5	-0.5	3.0	0	0	24	00	2	0	5	0	3	0	14	7	0
	1730	211	1000.9	978.1	..	37.6	22.1	11.1	13.2	22	-17	0.6	-0.6	3.4	0	0	28	00	0	0	1	0	1	0	26	3	0
HIMACHAL PRADESH																											
MANDI	0830	761	1005.3	921.7	+1.0	23.3	17.1	13.0	15.0	56	+ 5	1.9	-0.2	0.0	0	0	0	00	0	0	0	0	0	0	0	0	0
	1730	761	1001.0	919.5	+2.1	31.5	16.2	10.8	12.5	33	+ 3	3.4	+0.3	0.0	0	0	0	00	0	0	0	0	0	0	0	0	0
BILASPUR	0830	587	1004.3	939.8	+1.0	25.0	19.0	15.3	17.4	56	+13	2.0	+0.0	1.8	0	0	17	00	4	1	9	1	0	0	2	14	0
	1730	587	999.7	937.2	+1.7	33.5	22.1	15.0	17.0	36	+ 9	2.0	-0.8	9.0	0	1	29	00	4	1	1	0	13	0	11	1	0
JAMMU AND KASHMIR																											
MISGAR	0830		(R)																								
	1730		(R)																								
GILGIT	0830		(R)																								
	1730		(R)																								
SKARDU	0830		(R)																								
	1730		(R)																								
LEH	0530		(R)																								
	0830	3514	3115.7	667.5	-0.1	8.9	3.3	- 3.6	4.5	42	+ 3	3.4	+0.0	2.1	0	0	14	00	4	0	0	9	1	0	0	16	0
	1730	3514	3067.5	664.3	+0.3	13.7	5.9	- 3.1	4.7	33	+ 6	4.8	+0.1	7.7	0	0	29	02	5	0	0	2	14	5	1	1	0
SRINAGAR	0230	1587	1486.6	840.3	..	11.7	10.3	9.4	11.8	86	..	3.7	..	1.9	0	0	18	00	0	0	5	0	1	0	12	13	0
	0530	1587	1489.7	840.0	..	10.6	9.9	9.4	11.8	90	..	4.0	..	2.2	0	0	20	00	0	0	9	0	0	0	11	11	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MAY ,1968 (VAISKHA 11-JYAISTHA 10,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lit. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
JAMMU AND KASHMIR (CONTD.)																											
SRINAGAR	0830	1587	1490.5	840.5	+0.0	14.0	11.6	9.9	12.2	77	+ 6	4.3	+1.1	2.5	0	0	22	02	0	1	9	0	2	0	8	9	0
	1130	1587	1489.7	842.4	..	18.0	13.5	10.3	12.5	61	..	4.6	..	3.0	0	0	27	01	0	0	9	0	1	0	16	4	0
	1430	1587	1476.7	839.5	..	20.0	14.2	10.6	12.7	54	..	5.2	..	3.4	0	0	26	03	0	0	4	0	0	2	17	5	0
	1730	1587	1476.4	839.0	+1.2	18.6	13.4	9.7	12.0	56	+ 7	5.7	+0.9	3.2	0	0	26	01	0	0	4	0	0	3	18	5	0
	2030	1587	1482.9	843.4	..	14.8	12.1	10.2	12.4	75	..	4.0	..	3.0	0	0	22	01	0	0	1	1	0	0	19	9	0
	2330	1587	1492.0	840.6	..	12.7	11.2	10.1	12.3	84	..	3.4	..	2.0	0	0	22	00	0	0	6	0	0	0	16	9	0
SRINAGAR AERODROME	0530	1666	1489.1	832.3	..	9.5	7.9	6.6	9.7	86	..	3.8	..	2.9	0	0	11	00	0	0	0	3	0	6	2	20	0
	0830	1666	1493.3	832.8	..	13.9	11.0	8.7	11.2	71	..	4.4	..	5.3	0	0	18	02	1	4	4	2	0	1	2	13	2
	1130	1666	1491.8	832.3	..	17.0	12.6	9.4	11.8	63	..	4.9	..	6.8	0	0	23	05	2	3	1	0	2	3	5	8	2
	1730	1666	1476.9	831.5	..	17.6	12.8	9.1	11.5	62	..	5.8	..	10.4	0	3	21	02	1	2	1	1	0	7	9	7	1
	2330	1666	1487.9	832.8	..	11.3	9.3	7.7	10.5	79	..	3.8	..	6.0	0	0	20	03	1	1	0	0	0	8	6	11	1
GULMARG	0830		(R)																								
	1730		(R)																								
QAZIGUND	0830		(R)																								
	1730		(R)																								
PANIHAL	0830		(R)																								
	1730		(R)																								
JAMMU	0830	366	1001.5	961.1	..	28.3	18.0	9.5	11.9	32	+ 0	2.8	+0.5	6.5	0	0	25	02	21	0	1	0	1	0	0	6	0
	1730	366	1001.6	962.0	..	34.4	20.0	9.1	11.5	22	..	2.3	..	1.8	0	0	16	00	14	0	0	0	2	0	0	15	0
JAMMU AERODROME	0530	292	1002.7	969.5	..	23.3	16.3	10.2	12.4	44	..	3.2	..	5.0	0	0	19	06	11	0	0	0	0	0	2	12	0
	0830	292	1003.4	970.9	..	28.4	18.6	11.2	13.3	32	..	3.7	..	8.0	0	2	20	04	12	1	1	1	0	1	2	9	0
	1130	292	1002.9	971.4	..	33.7	19.9	8.6	11.2	23	..	3.9	..	10.3	0	2	26	02	3	1	2	4	6	5	5	3	0
	1730	292	1000.7	969.0	..	34.3	19.7	7.2	10.1	20	..	4.3	..	16.9	1	6	21	00	4	1	0	5	4	11	3	3	0
	2330	292	1003.2	970.8	..	26.2	17.2	10.4	12.6	36	..	2.9	..	5.8	0	0	15	03	9	1	0	0	1	1	0	16	0
GULMARG (RESEARCH INSTITUTE)	0830		(R)																								
	1130		(R)																								
	1730		(R)																								
RAJASTHAN, WEST																											
GANGANAGAR	0530	177	1002.5	982.4	..	23.3	17.3	13.0	15.0	53	..	1.4	..	1.3	0	0	10	01	3	2	1	1	1	0	1	21	0
	0830	177	1003.6	983.8	+1.5	28.3	19.7	14.1	16.1	42	+ 9	1.4	+0.7	1.3	0	0	15	02	8	0	2	0	3	0	0	16	0
	1130	177	1003.2	984.1	..	35.1	21.4	11.2	13.3	24	..	1.9	..	2.7	0	0	28	02	4	2	5	1	8	1	5	3	0
	1730	177	999.5	980.5	+1.6	37.6	22.1	11.3	13.4	22	+ 4	2.0	+0.9	2.6	0	0	20	03	2	0	1	0	6	2	6	11	0
	2330	177	1002.4	982.8	..	27.3	19.4	14.2	16.2	44	..	0.5	..	1.4	0	0	9	00	4	0	4	0	0	0	0	22	1
ANUPGARH	0830		(R)																								
	1730		(R)																								
MAHAJAN	0830	187	1002.8	981.5	..	30.7	24.1	17.2	19.6	56	..	0.0	..	4.7	0	0	30	00	1	7	3	1	14	4	0	0	0
	1730	187	998.0	977.9	..	38.8	20.9	16.7	19.0	30	..	0.0	..	6.3	0	0	30	01	1	2	0	1	21	4	0	0	0
CHURU	0830	291	1004.0	971.8	+1.1	29.4	20.8	14.7	16.7	44	+ 7	1.2	-0.1	6.5	0	2	23	03	1	3	1	5	3	6	3	6	0
	1730	291	999.7	968.6	+1.3	38.1	24.4	15.1	17.1	30	+ 9	2.3	+0.0	13.6	0	8	23	04	0	0	0	1	5	12	9	0	0
BIKANER	0830	224	1003.7	979.0	+1.3	30.2	20.3	12.6	14.6	37	+ 6	0.6	+0.1	7.4	0	1	26	00	0	3	3	4	14	3	0	4	0
	1730	224	1000.0	975.9	+1.6	38.9	21.8	8.6	11.2	17	+ 1	2.1	+1.0	8.3	0	2	27	02	1	0	1	3	13	6	3	2	0
BIKANER P.B.O.	0530	224	1002.7	977.5	..	26.2	18.5	12.4	14.4	46	..	1.5	..	3.5	0	0	20	03	2	0	1	6	7	1	0	11	0
	1130	224	1003.4	979.1	..	37.0	23.1	13.8	15.8	28	..	0.9	..	6.3	0	0	28	04	2	0	1	7	8	6	0	3	0
	1430	224	1001.1	977.0	..	39.6	23.9	13.4	15.4	24	..	1.8	..	6.8	0	0	31	02	2	0	2	5	8	9	2	0	1
	2030	224	1001.3	976.9	..	34.4	22.3	14.0	16.0	33	..	2.5	..	3.1	0	0	19	03	1	0	0	2	3	6	4	12	0
	2330	224	1002.8	978.0	..	30.5	21.0	14.3	16.3	41	..	2.4	..	3.6	0	0	20	05	2	1	3	2	2	4	1	11	0
NAGAUR	0830	298	1003.9	971.1	+0.3	31.2	23.9	19.7	22.9	53	+18	0.3	-0.6	10.1	0	0	31	00	1	3	5	6	14	2	0	0	0
	1730	298	999.7	967.8	+0.7	38.5	25.3	17.9	20.5	32	+12	2.3	+0.3	10.5	0	0	31	00	3	0	0	7	13	6	2	0	0
PHALODI	0830	234	1004.4	978.5	+0.7	30.0	22.4	18.1	20.8	50	- 2	0.5	-0.2	14.0	0	3	27	00	0	1	5	7	10	6	1	1	0
	1730	234	1001.2	976.0	+1.3	39.6	26.4	19.2	22.1	32	+ 7	1.7	+0.3	13.6	0	3	28	00	0	0	0	4	12	12	3	0	0
JAISALMER	0830	242	1003.7	976.8	+0	..	..	..	..	..	.	..	.	17.0	0	13	16	00	0	0	2	11	12	2	2	2	0
	1730	242	999.4	973.5	+0	..	..	..	..	..	.	..	.	18.9	0	15	16	01	0	0	2	6	12	7	3	0	0
JODHPUR	0230		..	..	..	31.1	20.2	14.3	16.3	37	+ 8	1.1	+0.0	11.9	0	4	27	01	3	0	0	1	22	3	1	0	0
	0530		..	..	..	28.9	19.6	14.4	16.4	42	..	1.1	..	10.3	0	0	29	01	3	1	0	1	20	2	1	2	0
	0830		..	..	..	30.2	21.1	16.3	18.5	44	+ 1	0.9	+0.1	10.1	0	3	23	02	0	0	0	0	20	1	3	5	0
	1130		..	..	..	34.3	22.4	16.7	19.0	36	..	0.8	..	12.4	0	4	24	01	0	1	1	1	18	5	1	3	0
	1430		..	..	..	37.0	22.9	15.9	18.1	29	..	1.3	..	15.2	0	8	21	01	2	0	0	0	20	5	1	2	0
	1730		..	..	..	37.5	22.5	15.2	17.3	28	+12	1.5	+0.2	13.4	0	6	22	00	0	0	1	0	20	5	2	3	0
	2030		..	..	..	35.5	21.7	17.7	20.2	30	..	1.1	..	8.5	0	1	25	00	0	0	0	0	20	5	1	5	0
	2330		..	..	..	33.8	21.9	16.0	18.2	35	..	0.8	..	13.4	0	6	23	00	0	0	0	3	19	5	2	2	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — MAY , 1968 (VAISKHA 11-JYAISTHA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mb. At mean sea level or M. in gpm. of mean standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mb	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind speed (Km. P. h.) Calm or zero	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
RAJASTHAN WEST (CONTD)																											
BARMER	0530	194	1002.9	981.2	..	27.8	19.3	12.7	14.7	42	..	0.5	..	7.7	0	0	24	00	0	0	0	2	9	12	1	7	0
	0830	194	1004.6	983.6	+1.4	29.4	20.5	13.9	15.9	43	-14	0.6	-0.2	4.7	0	0	21	00	0	0	0	3	10	4	2	11	0
	1130	194	1004.6	983.4	..	36.2	22.2	13.3	15.3	27	..	0.5	..	5.3	0	0	22	00	1	0	1	1	14	4	1	9	0
	1730	194	1000.5	979.7	+1.2	40.7	22.8	10.6	12.8	17	- 8	1.1	+0.1	5.7	0	0	26	01	0	0	0	2	14	8	1	5	0
	2330	194	1003.1	981.8	..	33.8	21.1	12.0	14.0	28	..	0.4	..	9.5	0	3	19	00	0	0	1	0	11	9	1	9	0
JAWAI BANDH	0830	295	1005.4	972.8	+0.8	29.8	21.5	16.4	18.6	45	- 8	0.4	-0.6	3.3	0	0	26	00	0	2	5	5	12	1	1	5	0
	1730	295	1001.3	968.7	+0.6	37.4	22.8	16.9	19.2	25	- 9	1.3	-0.3	4.3	0	0	29	01	0	0	1	4	13	8	2	2	0
JALORE	0830		..	..	..	30.4	21.6	15.4	17.5	44	..	0.0	..	11.2	0	2	29	00	2	2	4	4	12	3	4	0	0
	1730		..	..	..	39.3	22.1	10.5	12.7	18	..	0.0	..	12.2	0	3	28	00	1	0	1	1	19	4	5	0	0
RAJASTHAN, EAST																											
PILANI	0830	301	1004.4	971.2	+1.0	29.3	26.1	19.4	22.5	57	+26	1.2	+0.6	9.1	0	1	27	01	2	2	4	1	8	7	3	3	0
	1730	301	1000.4	968.2	+1.6	37.4	26.2	20.6	24.3	40	+24	3.1	+1.6	15.0	0	11	20	01	3	0	3	1	7	7	9	0	0
SIKAR	0830	433	1004.0	956.0	-0.3	27.9	18.6	11.7	13.7	37	-12	0.7	-0.4	0.4	0	0	7	00	1	0	0	0	1	4	1	24	0
	1730	433	999.9	954.0	+0.7	37.3	20.8	8.4	11.0	17	-21	1.0	-1.2	1.3	0	0	20	00	0	0	0	0	0	14	6	11	0
ALWAR	0830	271	1002.8	973.1	+0.9	32.0	23.4	18.7	21.6	46	+ 4	1.7	+0.5	3.7	0	0	17	03	2	1	0	0	2	3	6	14	0
	1730	271	999.1	970.1	+1.0	37.7	25.7	19.5	22.7	36	+ 3	3.0	+0.5	3.3	0	0	30	02	1	0	0	0	5	8	14	1	0
JAIPUR (SANGANER)	0230	390	1002.3	959.1	..	26.7	16.4	6.9	9.9	30	..	1.5	..	5.5	0	0	26	09	4	1	1	1	0	2	8	5	0
	0530	390	1002.8	959.4	..	25.1	16.2	8.4	11.0	36	..	1.2	..	3.6	0	0	21	07	1	3	1	0	0	2	7	10	0
	0830	390	1003.7	961.1	+0.4	30.9	18.8	9.0	11.5	27	- 6	1.2	+0.5	8.2	0	2	23	03	0	3	1	0	1	7	10	6	0
	1130	390	1002.9	961.1	..	36.7	20.3	6.7	9.8	17	..	0.9	..	10.8	0	2	29	03	0	0	1	0	1	8	18	0	0
	1430	390	1000.7	959.2	..	38.1	20.2	4.5	8.4	14	..	2.2	..	12.8	0	4	27	02	0	0	0	1	3	15	10	0	0
	1730	390	999.3	957.8	+0.6	37.9	19.7	4.4	8.4	13	- 6	2.3	+0.6	11.2	0	1	29	02	0	0	0	1	2	12	13	1	0
	2030	390	1001.3	959.0	..	32.8	18.8	7.5	10.4	22	..	2.0	..	6.1	0	1	27	06	1	2	0	0	0	7	12	3	0
	2330	390	1002.6	959.8	..	29.3	17.8	7.4	10.3	26	..	1.6	..	6.9	0	2	26	07	3	1	0	0	0	6	11	3	0
DHOLPUR	0830	176	1001.5	981.9	-0.8	33.5	20.6	11.6	13.7	27	- 8	0.8	-0.5	1.2	0	0	9	01	0	0	0	0	0	7	1	22	0
	1730	176	997.3	978.2	-0.7	40.9	22.8	10.5	12.7	16	- 8	0.8	-1.6	1.8	0	0	18	00	0	0	0	0	0	15	3	13	0
AJMER	0830	486	1004.5	951.5	+0.2	29.7	19.6	12.8	14.8	37	- 2	1.1	+0.2	13.4	0	7	20	00	3	0	1	0	10	10	3	4	0
	1730	486	1000.8	949.4	+2.1	37.6	21.6	11.5	13.6	22	+ 2	1.6	+0.1	14.5	0	9	22	01	0	0	0	0	12	14	4	0	0
TONK	0830	272	1003.2	973.7	+1.2	31.0	15.8	10.3	12.5	26	-16	1.0	-0.1	8.0	0	0	30	02	1	1	1	0	2	18	4	1	1
	1730	272	998.0	972.2	+3.8	37.4	20.7	3.2	7.7	13	-11	1.7	-0.6	8.4	0	0	31	00	1	0	2	2	2	16	8	0	0
BHILWARA	0830	425	1004.7	958.8	..	30.2	18.0	7.3	10.2	26	..	0.7	..	8.4	0	0	31	02	3	1	0	1	9	7	8	0	0
	1730	425	1000.3	955.2	..	38.4	19.9	2.1	7.1	21	..	2.1	..	7.8	0	0	31	00	3	0	1	0	17	2	8	0	0
KOTA	0830	257	1004.0	975.9	+0.7	33.8	20.0	9.4	11.8	23	- 5	0.5	-0.3	11.0	0	3	28	01	0	0	0	0	1	15	8	0	6
	1730	257	999.7	972.3	+1.0	39.9	21.7	8.2	10.9	16	+ 0	2.2	+0.2	8.0	0	2	23	04	1	0	0	0	1	11	8	6	0
KOTA AERODROME	0530	274	1003.0	972.7	..	29.1	16.3	2.3	7.2	20	..	0.7	..	9.5	0	2	28	00	0	0	0	0	2	24	4	1	0
	0830	274	1004.4	974.5	..	33.5	18.2	2.9	7.5	17	..	0.5	..	17.6	0	12	19	02	1	1	0	0	1	16	10	0	0
	1130	274	1003.9	974.4	..	37.9	19.5	1.1	6.6	12	..	1.1	..	17.1	0	9	22	04	3	0	1	0	1	13	9	0	0
	1730	274	999.9	970.7	..	39.7	19.5	2.1	5.1	9	..	2.3	..	17.1	0	12	19	02	1	0	0	1	4	11	12	0	0
	2330	274	1002.9	972.9	..	32.9	17.7	2.3	7.7	16	..	0.9	..	13.3	0	6	25	02	0	1	0	0	12	13	3	0	0
CHAMBAL (RAWAT BHATTA DAM)	0830	351	1003.4	965.2	-0.3	31.9	19.1	8.7	11.2	25	-15	0.3	-1.0	3.7	0	0	20	02	2	0	0	1	5	3	7	11	0
	1730	351	998.7	961.3	-0.3	38.5	21.1	7.3	10.2	16	-12	1.4	-1.6	11.7	0	4	26	00	1	1	1	2	10	4	11	1	0
UDAIPUR	0230	582	1004.3	940.6	..	26.2	18.2	12.7	14.7	44	..	0.3	..	1.4	0	0	7	00	0	0	0	0	4	2	1	24	0
	0530	582	1004.5	940.5	..	24.7	17.7	12.7	14.7	48	..	0.6	..	0.7	0	0	4	00	1	0	0	0	2	1	0	27	0
	0830	582	1005.2	942.2	+0.8	30.0	19.8	13.1	15.1	37	- 1	0.3	-0.4	1.2	0	0	10	01	1	0	0	0	4	0	4	21	0
	1130	582	1004.1	942.2	..	35.3	21.1	11.5	13.6	23	..	0.7	..	6.7	0	0	30	01	0	1	0	1	21	2	3	1	1
	1730	582	1001.1	939.5	+1.2	35.7	21.4	12.2	14.2	27	+ 2	1.2	-0.7	8.0	0	1	28	00	1	0	0	5	13	8	1	2	1
	2330	582	1004.4	941.3	..	28.2	18.8	12.4	14.4	40	..	0.5	..	1.2	0	0	5	00	0	0	0	1	1	2	1	26	0
JHALAWAR	0830	321	1004.6	972.8	+4.3	32.6	18.6	6.7	9.8	21	-17	0.3	-0.5	4.4	0	0	27	00	1	0	0	0	8	15	3	4	0
	1730	321	999.3	965.5	+1.2	39.7	19.7	- 5.1	4.0	9	-11	1.9	-0.1	5.1	0	0	26	00	1	0	0	0	7	15	3	5	0
BANSWARA	0830		(R)																								
	1730		(R)																								
DUNGARPUR	0830		..	..	..	29.0	23.5	20.3	23.8	60	..	0.6	..	4.2	0	0	30	00	0	0	0	1	18	5	6	1	0
	1730		..	..	..	38.5	22.3	11.3	13.4	21	..	0.6	..	4.2	0	0	28	00	0	0	0	2	10	9	7	3	0
MADHYA PRADESH, WEST																											
GWALIOR	0230	207	1001.5	978.6	..	28.8	17.4	7.8	10.7	27	..	1.1	..	5.5	0	2	15	03	1	0	0	2	0	5	6	14	0
	0530	207	1002.1	979.1	..	27.5	17.1	8.2	11.1	30	..	1.5	..	4.9	0	4	20	01	0	0	2	4	2	6	6	10	0
	0830	207	1003.4	980.8	+1.2	33.6	20.0	9.6	12.3	24	+ 0	0.9	-0.3	7.2	0	0	31	02	2	0	4	0	1	9	13	0	0
	1130	207	1003.0	980.8	..	38.7	21.3	8.2	11.1	16	..	0.9	..	9.6	0	0	30	08	0	0	1	1	1	1	4	15	1
	1430	207	1000.6	978.6	..	40.7	21.7	7.4	10.4	14	..	1.4	..	11.0	0	2	29	06	0	1	0	0	1	7	16	0	0
	1730	207	999.3	977.2	+1.1	39.8	21.3	6.9	10.2	14	+ 1	1.9	-0.3	10.3	0	2	29	04	1	0	0	0	0	6	20	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – MAY ,1968 (VAISKHA 11-JYAISTHA 10,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH, WEST (CONTD)																											
GWALIOR	2030	207	1001.0	978.4	..	33.9	19.9	9.2	11.9	22	..	1.3	..	4.1	0	0	21	02	0	0	0	0	2	5	12	10	0
	2330	207	1002.0	979.1	..	30.0	18.2	8.7	11.3	27	..	1.1	..	2.5	0	0	14	05	0	0	0	2	1	2	4	17	0
SHEOPUR	0830	235	1004.2	978.3	+1.3	31.8	18.5	7.0	10.5	22	- 6	0.5	-0.7	5.7	0	1	28	02	0	1	0	12	5	8	1	2	0
	1730	235	999.6	974.6	+1.9	39.9	20.1	1.0	7.4	10	- 5	1.9	-0.5	15.3	0	9	22	07	0	0	0	1	3	13	7	0	0
SHIVPURI	0830	464	1003.9	953.8	..	32.6	18.2	7.2	10.4	21	..	0.5	..	8.5	0	1	25	02	4	0	0	0	3	13	4	5	0
	1730	464	998.9	950.0	..	38.2	19.9	5.2	9.8	15	..	2.3	..	11.2	0	5	23	01	0	0	0	0	3	16	8	3	0
NOWGONG	0830	229	1003.8	978.7	+0.9	32.3	19.3	9.1	11.8	24	- 9	0.5	-1.0	3.2	0	0	25	01	1	2	0	4	10	5	2	6	0
	1730	229	999.3	975.0	+1.4	40.5	21.2	5.8	9.4	13	- 9	0.7	-1.7	9.2	0	0	31	01	2	0	0	0	9	3	13	0	3
GUNA	0530	478	1003.7	950.8	..	25.1	15.6	7.7	10.8	33	..	0.9	..	5.3	0	1	27	02	1	2	4	4	6	6	3	3	0
	0830	478	1004.2	952.5	+0.8	32.7	18.2	6.8	10.3	21	- 8	0.3	-0.8	8.4	0	0	31	07	2	4	0	1	1	13	3	0	0
	1130	478	1003.1	952.3	..	37.7	19.8	6.4	9.9	16	..	0.4	..	11.7	0	1	30	08	1	1	0	0	1	12	8	0	0
	1430	478	1000.3	950.0	..	39.9	20.4	6.1	9.7	13	..	1.9	..	13.7	0	5	26	04	0	1	1	1	3	17	4	0	0
	1730	478	999.1	948.8	+0.9	38.9	19.9	5.5	9.3	13	- 5	2.2	-0.1	12.3	0	2	29	03	0	1	0	1	2	13	11	0	0
	2330	478	1003.0	950.9	..	29.6	17.3	7.9	10.8	26	..	0.7	..	7.3	0	2	24	05	1	0	0	1	2	15	2	5	0
NIMACH	0830	496	1005.6	951.7	+1.0	30.3	18.7	10.1	13.0	31	-15	0.8	-0.3	12.1	0	4	24	01	2	0	0	0	8	16	1	3	0
	1730	496	1000.7	948.2	+1.0	37.5	18.6	1.8	7.6	12	-11	1.4	-0.8	10.5	0	3	27	01	3	0	0	0	3	16	1	1	6
RAJGARH	0830	382	1004.9	963.3	+1.3	31.7	19.9	11.1	13.6	30	- 1	0.3	-1.0	12.0	0	3	25	06	1	0	0	0	0	14	7	3	0
	1730	382	1000.6	960.0	+2.2	38.8	20.8	6.5	9.8	14	- 3	1.3	-1.6	11.2	0	2	29	09	0	0	0	0	0	16	6	0	0
SAGAR	0830	551	1004.4	944.3	+0.7	28.3	15.7	4.3	8.7	24	- 5	0.2	-1.6	5.7	0	0	31	00	3	4	0	0	6	12	6	0	0
	1730	551	997.8	940.1	+0.4	38.5	21.8	11.6	13.8	21	+ 3	0.4	-2.5	7.2	0	0	31	02	7	7	0	1	3	8	3	0	0
RATLAM	0830	486	1006.1	952.9	+0.9	29.3	23.1	19.9	23.7	58	+ 1	0.2	-1.8	10.6	0	1	26	00	0	0	0	0	8	13	6	4	0
	1730	486	1001.0	949.5	+1.2	38.0	24.9	18.2	21.8	33	+ 8	0.9	-1.5	13.7	0	8	23	01	0	1	0	0	6	14	9	0	0
BHOPAL (BAIRAGARH)	0230	523	1003.0	945.7	..	27.1	14.9	3.2	8.1	22	..	0.3	..	12.4	0	2	28	02	1	0	1	1	1	14	10	1	0
	0530	523	1003.9	946.3	..	25.6	14.6	4.2	8.7	26	..	0.8	..	11.7	0	0	31	02	1	0	2	0	1	15	10	0	0
	0830	523	1004.7	948.1	+0.4	31.3	17.9	7.4	10.7	24	- 8	0.7	-0.5	20.3	0	21	10	02	2	1	0	0	1	10	15	0	0
	1130	523	1003.3	947.8	..	37.0	19.0	4.2	8.8	14	..	0.5	..	16.1	0	8	23	07	1	1	1	1	1	4	15	0	0
	1430	523	1000.4	945.4	..	39.3	19.1	2.3	7.3	11	..	2.0	..	16.7	0	13	18	04	1	1	0	0	4	12	9	0	0
	1730	523	999.3	944.3	+0.8	38.1	18.6	0.9	7.2	10	- 6	1.9	-0.6	17.3	0	12	19	03	0	0	0	0	1	17	10	0	0
	2030	523	1001.8	945.7	..	33.1	16.8	2.0	7.2	14	..	0.8	..	11.0	0	1	29	01	0	0	0	0	1	18	10	1	0
	2330	523	1003.3	946.5	..	30.0	15.8	2.4	7.6	18	..	0.4	..	12.8	0	3	25	02	0	0	0	0	0	16	10	3	0
UJJAIN	0830	489	1005.9	952.4	..	28.9	21.7	17.7	20.6	52	..	0.5	..	16.9	0	10	20	00	0	0	0	0	0	21	9	1	0
	1730	489	1000.4	948.6	..	37.7	22.7	13.7	16.5	25	..	1.2	..	18.3	0	13	17	02	0	0	0	0	1	18	9	1	0
NARSINGHPUR	0830	356	1004.3	965.5	..	32.1	22.3	16.3	19.0	41	..	0.5	..	5.4	0	0	31	00	1	0	1	0	10	17	1	0	1
	1730	356	999.0	961.4	..	40.1	25.4	17.1	20.4	28	..	1.8	..	2.1	0	0	31	00	1	0	0	0	24	1	5	0	0
HOSHANGABAD	0830	302	1005.9	972.6	+1.4	30.5	18.7	9.3	12.0	28	- 2	0.3	-1.7	2.0	0	0	31	00	0	0	0	1	30	0	0	0	0
	1730	302	999.7	967.6	+1.4	40.0	21.8	8.3	11.2	15	- 2	2.4	-0.9	2.0	0	0	31	01	5	0	4	1	18	1	1	0	0
INDORE	0530	567	1005.1	942.5	..	24.3	16.0	9.4	12.1	40	..	0.4	..	10.5	0	1	29	00	0	0	0	1	11	16	2	1	0
	0830	567	1005.7	944.2	+0.8	29.5	19.2	12.5	14.7	36	- 8	0.3	-1.0	16.9	0	9	22	02	0	0	0	0	0	19	10	0	0
	1130	567	1004.2	943.9	..	35.7	19.7	8.5	11.2	20	..	0.3	..	15.3	0	8	22	03	2	2	0	0	1	11	11	1	0
	1730	567	1000.1	940.4	+0.9	37.6	19.6	6.2	9.6	15	- 3	0.7	-1.6	19.1	0	16	15	01	1	0	0	0	0	16	13	0	0
	2330	567	1004.5	942.8	..	28.8	16.5	6.5	9.8	25	..	0.1	..	9.8	0	2	29	02	0	0	0	0	6	19	4	0	0
RAJPUR (JHABUA)	0830	293	1007.9	975.3	+1.4	27.8	21.8	18.3	21.1	58	- 1	0.1	-2.2	15.9	0	10	21	00	0	0	0	0	0	31	0	0	0
	1730	293	1003.0	971.5	+2.2	38.1	20.3	5.3	9.3	14	-12	0.0	-1.9	13.7	0	2	28	00	0	0	0	0	0	30	0	1	0
CHHINDWARA	0830	685	1003.8	930.6	+0.6	31.8	18.9	9.7	12.3	27	- 6	0.9	-1.4	11.5	0	3	28	04	1	1	0	1	0	17	7	0	0
	1730	685	998.9	927.4	+1.3	37.2	20.8	9.3	12.5	19	- 3	2.1	-1.5	6.3	0	0	30	00	0	1	1	1	2	4	21	1	0
SEONI	0830	619	1003.6	937.3	+0.6	32.2	18.7	9.0	11.7	25	- 6	1.2	-1.2	10.7	0	2	28	05	6	1	0	0	5	2	11	1	0
	1730	619	998.6	933.9	+1.0	38.1	20.0	6.7	10.1	15	- 9	2.5	-1.4	10.3	0	0	30	03	1	2	1	0	3	10	10	1	0
BETUL	0830	653	1005.0	934.8	+0.8	30.7	17.9	8.0	11.2	25	-14	0.9	-1.6	7.5	0	0	31	04	1	0	0	1	0	10	15	0	0
	1730	653	999.1	930.9	+0.7	37.7	18.9	3.7	8.1	13	- 8	2.5	-0.7	7.6	0	0	30	06	1	1	0	2	0	8	12	1	0
KHANDWA	0830	318	1005.7	970.7	+0.7	30.1	22.0	17.1	19.7	46	+ 5	0.2	-1.4	5.5	0	0	30	09	0	0	0	0	3	9	9	1	0
	1730	318	1000.2	966.4	+1.2	40.0	24.1	13.9	16.9	23	+ 5	1.2	-1.6	5.2	0	0	30	12	0	0	0	2	3	7	6	1	0
TIKAMGARH	0830		..	..	..	28.2	19.1	12.5	15.2	39	..	0.8	..	4.5	0	0	29	04	4	0	0	2	11	7	1	2	0
	1730		..	..	..	39.1	21.7	8.9	11.8	17	..	2.3	..	6.6	0	1	30	06	4	1	0	1	5	6	8	0	0
MADHYA PRADESH, EAST																											
SATNA	0530	317	1002.1	966.9	..	26.6	16.6	6.5	10.8	29	..	0.6	..	1.8	0	0	17	00	0	0	0	3	2	8	4	14	0
	0830	317	1002.9	968.5	+0.9	33.7	18.8	5.7	9.6	18	-12	0.5	-1.0	3.2	0	0	29	01	0	1	2	2	1	14	8	2	0
	1130	317	1002.2	968.3	..	39.0	20.3	3.6	8.6	12	..	0.4	..	6.6	0	1	29	03	1	2	2	0	2	11	9	1	0
	1430	317	999.6	966.1	..	40.9	20.5	1.3	7.5	10	..	2.1	..	7.4	0	0	31	02	0	2	1	1	2	13	10	0	0
	1730	317	998.5	964.9	+1.0	39.7	20.0	0.8	7.3	10	-11	1.4	-1.0	5.0	0	0	30	01	0	2	0	0	0	16	11	1	0
	2330	317	1001.6	966.8	..	30.5	17.7	6.4	9.9	23	..	0.1	..	1.9	0	0	14	00	0	0	0	2	1	7	4	17	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MAY , 1968 (VAISKHA 11-JYAISTHA 10,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lat. in gms. of mean standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH, EAST (CONTD.)																											
REWA	0830	299	1002.5	970.0	..	34.1	21.1	12.3	14.5	27	..	0.5	..	2.6	0	0	27	03	1	0	0	1	3	10	9	4	0
	1730	299	997.9	966.2	..	40.2	22.8	11.2	13.6	18	..	1.4	..	5.0	0	0	31	03	2	0	1	0	0	10	15	0	0
SIDHI	0830	272	1002.3	972.7	+0.5	33.2	21.0	12.1	14.9	30	- 3	0.0	-1.3	0.1	0	0	2	00	0	1	0	1	0	0	0	29	0
	1730	272	997.6	968.7	+0.7	39.7	23.3	13.4	15.2	23	+ 4	0.7	-1.3	0.4	0	0	4	00	1	2	0	0	0	1	0	27	0
UMARIA	0830	459	1003.5	953.9	+0.9	33.6	19.1	8.6	11.5	22	- 6	0.5	-1.5	4.0	0	0	30	04	1	6	2	0	5	9	3	1	0
	1730	459	998.3	949.9	+1.0	39.4	20.5	6.2	10.2	15	- 4	2.3	-0.9	5.2	0	0	31	08	0	0	0	0	3	15	5	0	0
JABALPUR	0530	393	1003.0	959.7	..	26.7	17.3	9.6	12.2	36	..	1.6	..	2.2	0	0	15	01	1	0	1	3	5	4	0	16	0
	0830	393	1004.1	961.5	+0.9	32.5	19.4	9.2	11.9	25	- 2	0.7	-1.0	4.5	0	0	25	00	1	0	2	1	3	16	2	6	0
	1130	393	1002.6	960.9	..	38.7	21.3	8.1	11.1	17	..	0.7	..	5.9	0	0	28	01	2	2	3	0	4	5	11	3	0
	1430	393	999.8	958.4	..	40.7	22.0	8.0	11.2	14	..	2.5	..	5.9	0	0	29	03	2	1	0	1	3	10	9	2	0
	1730	393	998.7	957.3	+1.1	39.5	21.6	8.0	11.2	16	- 1	2.6	-0.5	5.9	0	0	31	02	0	1	1	0	6	9	12	0	0
	2030	393	1001.2	958.8	..	33.1	20.6	12.0	14.1	28	..	0.5	..	1.2	0	0	9	02	0	0	1	1	0	5	0	22	0
	2330	393	1002.3	959.4	..	29.9	19.3	11.9	13.7	33	..	0.6	..	0.7	0	0	5	01	0	0	1	1	0	2	0	26	0
AMBIKAPUR	0830	611	1003.0	937.8	+0.5	32.4	20.7	13.3	15.9	33	- 3	0.9	-0.3	5.0	0	0	31	05	2	3	0	8	4	7	2	0	0
	1730	611	998.1	934.1	+0.7	37.7	22.3	12.7	15.6	25	+ 4	2.7	+0.2	7.1	0	0	30	13	1	1	0	0	1	11	3	1	0
JASHPURNAGAR	0830	779	1002.9	920.2	..	31.0	19.3	10.7	13.8	31	..	0.7	..	2.3	0	0	23	00	9	0	2	1	6	1	4	8	0
	1730	779	997.4	916.2	..	35.3	19.6	8.9	11.3	22	..	1.8	..	1.3	0	0	17	00	0	0	1	0	5	5	6	14	0
PENDRA	0530	625	1002.3	934.6	..	27.4	16.5	7.3	10.8	30	..	1.3	..	4.4	0	0	18	03	0	0	0	0	3	1	5	6	13	0
	0830	625	1002.9	936.2	+0.3	32.7	18.9	7.8	11.7	23	- 8	0.5	-1.7	9.5	0	6	21	10	1	0	0	6	2	2	5	4	1
	1130	625	1001.5	935.8	..	36.9	19.7	7.0	10.4	17	..	0.7	..	10.9	0	5	26	09	2	1	1	4	3	5	5	0	1
	1430	625	999.0	933.7	..	37.9	19.9	6.2	10.1	16	..	2.9	..	9.4	0	3	24	07	1	0	0	3	5	6	5	4	0
	1730	625	998.3	932.8	+0.9	36.8	19.5	6.1	10.0	17	- 7	2.0	-1.9	7.7	0	1	25	08	1	1	0	5	2	2	7	5	0
	2330	625	1002.0	934.7	..	29.6	17.2	6.9	10.6	25	..	1.1	..	4.0	0	0	25	04	0	0	0	2	1	10	8	6	0
MANDLA	0830	443	1003.8	955.9	+0.6	31.7	20.5	13.1	15.0	33	- 2	1.0	-1.5	4.5	0	2	13	04	0	0	0	4	0	0	4	16	3
	1730	443	998.4	951.8	+1.2	38.9	22.8	11.6	14.6	21	+ 0	1.7	-1.5	4.6	0	0	26	13	0	0	1	0	0	0	12	5	0
CHAMPA	0830	245	1003.4	976.7	+0.2	33.6	20.3	10.2	13.0	25	-11	1.9	-0.8	9.5	0	4	25	07	0	2	1	3	2	11	3	2	0
	1730	245	998.1	972.2	+0.7	41.5	21.3	4.5	8.8	12	- 6	2.5	-1.5	9.1	0	2	26	02	1	0	0	1	0	13	11	3	0
RAIGARH	0830	220	1003.6	979.6	+0.6	34.2	21.0	11.1	14.1	26	-15	1.5	-1.4	4.1	0	0	31	00	7	1	7	5	5	4	2	0	0
	1730	220	998.0	974.6	+0.5	41.1	21.8	7.0	10.4	13	- 7	2.1	-0.9	3.9	0	0	30	01	4	0	0	1	11	4	9	1	0
RAIPUR	0530	298	1002.4	969.6	..	28.9	19.9	13.4	15.9	40	..	3.2	..	4.1	0	0	23	00	0	2	0	4	8	4	5	8	0
	0830	298	1003.7	971.4	+0.6	34.4	22.4	14.5	17.3	32	- 3	1.5	-0.8	8.6	0	0	30	03	0	0	2	2	7	12	4	1	0
	1130	298	1002.5	970.7	..	39.8	23.5	13.2	15.7	22	..	0.7	..	9.4	0	1	30	03	2	1	1	1	3	17	3	0	0
	1430	298	999.5	968.1	..	41.8	24.0	12.9	15.3	19	..	2.5	..	8.0	0	0	31	01	1	0	1	4	4	11	9	0	0
	1730	298	998.6	967.0	+0.8	40.3	23.6	13.0	15.5	21	- 1	2.5	-0.9	7.4	0	0	29	04	2	1	0	1	2	11	8	2	0
	2030	298	1000.9	968.8	..	35.7	22.1	13.3	15.5	27	..	1.2	..	0.8	0	0	6	01	0	0	0	1	0	4	0	25	0
	2330	298	1001.6	969.2	..	33.1	21.0	12.9	15.0	30	..	1.3	..	4.1	0	0	20	00	0	0	2	3	1	8	6	11	0
KANKER	0830	402	1004.1	960.7	+0.5	33.6	26.3	23.0	28.3	55	+12	1.3	-2.0	4.3	0	0	20	00	1	0	1	1	9	7	1	11	0
	1730	402	998.9	956.6	+0.7	39.1	28.9	24.5	31.5	45	+16	2.0	-2.2	3.7	0	0	26	03	2	0	0	0	3	5	13	5	0
JAGDALPUR	0530	553	1004.1	943.3	..	24.4	20.0	17.4	20.1	66	..	2.9	..	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
	0830	553	1005.1	945.2	+0.7	29.3	22.1	18.4	21.3	53	+ 0	2.8	-0.3	0.6	0	0	27	00	0	1	0	13	9	2	2	4	0
	1130	553	1003.4	944.6	..	34.6	22.7	15.7	18.9	35	..	2.5	..	7.4	0	0	30	01	2	0	1	11	9	2	4	1	0
	1430	553	1000.2	942.1	..	37.2	22.8	14.1	17.1	29	..	3.5	..	7.7	0	0	29	02	2	0	0	10	5	3	7	2	0
	1730	553	999.9	941.4	+0.9	35.9	22.1	14.5	16.5	34	- 3	4.9	+0.0	6.3	0	2	23	01	1	2	2	7	5	3	4	6	0
	2030	553	1002.8	943.2	..	30.2	21.4	16.4	19.0	46	..	2.5	..	2.4	0	0	10	00	0	0	1	5	3	0	1	21	0
	2330	553	1003.8	943.7	..	27.5	20.7	16.9	19.5	54	..	1.7	..	2.4	0	0	11	00	0	2	0	5	2	1	1	20	0
GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																											
DEESA	0830	136	1006.6	991.5	+1.5	27.2	20.9	16.2	18.4	56	- 5	0.6	-1.3	4.8	0	0	27	00	0	0	6	5	11	1	4	4	0
	1730	136	1002.5	987.6	+2.1	39.2	21.2	5.2	8.8	15	- 8	0.8	-0.7	13.6	0	2	29	00	0	0	0	0	1	16	2	5	0	7
RADHANPUR	0830	30	1006.5	1003.2	+0.8	27.4	24.4	22.2	26.7	75	+ 8	0.1	-1.4	3.0	0	0	28	00	0	0	0	0	26	0	2	3	0
	1730	30	1002.3	999.1	+0.8	39.8	26.3	19.4	22.5	32	+ 4	0.0	-1.1	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
IDAR	0830	219	1006.9	982.5	+1.3	28.2	21.1	16.3	18.5	52	- 6	0.6	-0.9	3.5	0	0	25	00	0	1	0	0	5	19	0	6	0
	1730	219	1001.9	978.4	+1.3	38.9	20.0	2.0	7.1	12	-13	0.2	-0.9	7.8	0	0	30	00	0	0	0	0	7	21	2	1	0
AHMADABAD	0230	55	1005.1	998.8	..	28.2	21.0	16.4	18.6	50	..	0.1	..	9.0	0	1	26	00	0	0	1	0	4	19	3	4	0
	0530	55	1005.5	999.2	..	25.7	20.9	17.8	20.4	63	..	0.5	..	6.3	0	0	20	00	0	0	0	0	4	9	7	11	0
	0830	55	1007.2	1001.0	+0.5	28.5	22.4	18.9	22.2	57	-11	0.8	-1.0	9.4	0	0	25	00	0	0	0	0	6	13	6	6	0
	1130	55	1007.2	1001.0	..	34.9	22.7	15.0	17.0	32	..	0.4	..	12.4	0	1	30	01	0	1	1	2	9	13	4	0	0
	1430	55	1004.3	998.3	..	39.7	22.0	8.9	11.4	17	..	0.3	..	14.2	0	4	26	01	0	0	0	1	4	17	7	1	0
	1730	55	1002.4	996.4	+1.0	40.4	21.4	5.9	10.1	13	- 8	0.7	-0.6	16.4	0	9	22	01	0	0	0	1	4	21	4	0	0
	2030	55	1004.0	997.9	..	34.5	21.4	11.4	13.5	28	..	1.1	..	13.6	0	5	23	00	0	0	0	4	15	6	3	3	0
	2330	55	1005.5	999.3	..	31.1	21.3	14.2	16.2	39	..	0.2	..	10.9	0	0	30	00	0	0	1	3	11	14	1	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – MAY , 1968 (VAISKHA 11-JYAISTHA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lt. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
GUJARAT REGION (INCLUDING DAMAN DADRA AND NAGAR HAVELI (CONTD.)																											
DOHAD	0830	333	1006.7	969.9	+0.4	28.3	21.4	16.9	19.5	52	- 6	0.6	-1.1	21.9	0	20	11	00	1	0	0	0	7	21	2	0	0
	1730	333	1001.6	966.0	+0.7	38.1	21.1	8.0	10.7	18	- 2	0.4	-0.3	19.9	0	19	11	00	0	0	0	0	5	18	7	1	0
VALLABH VIDYANAGAR	0830	44	1007.6	1002.7	..	27.1	23.7	21.9	26.3	74	..	0.5	..	6.5	0	0	31	00	0	1	0	6	16	3	5	0	0
	1730	44	1002.8	998.1	..	39.0	25.2	17.7	20.2	30	..	0.1	..	8.9	0	2	29	00	0	0	1	0	21	5	4	0	0
BARODA AERODROME	0830	38	1007.9	1003.7	+1.5	28.7	23.6	20.9	24.7	64	+ 5	1.2	-0.7	14.3	0	8	23	00	0	0	0	4	16	7	3	0	1
	1130	38	1007.5	1003.3	..	34.4	23.0	16.0	18.2	35	..	0.5	..	11.9	0	5	23	00	0	0	0	1	14	9	4	3	0
	1730	38	1003.0	998.9	+1.6	38.8	22.4	10.9	13.0	21	- 4	0.4	-0.9	14.6	0	0	20	00	0	0	0	0	13	11	4	1	2
BARODA	0530	34	1005.9	1001.9	..	26.1	22.9	21.1	26.0	76	..	0.3	..	4.0	0	0	24	00	0	0	0	0	19	4	1	7	0
	0830	34	1007.8	1003.9	+0.7	28.4	24.0	21.8	26.1	67	+ 3	0.6	-1.1	4.4	0	0	27	00	0	0	0	0	20	5	2	4	0
	1130	34	1007.6	1003.7	..	34.8	23.8	17.6	20.1	37	..	0.3	..	4.4	0	0	30	00	1	0	2	0	18	5	4	1	0
	1730	34	1003.1	999.3	+1.1	39.6	23.6	13.5	15.5	22	- 7	0.2	-0.7	4.0	0	0	30	00	0	0	0	0	10	11	9	1	0
	2330	34	1006.2	1002.3	..	29.4	24.2	21.5	25.6	63	..	0.0	..	6.7	0	0	31	00	0	0	0	0	22	5	4	0	0
BROACH	0830		..	..	..	..	..	..	..	..	..	1.2	-0.7	5.7	0	0	31	00	0	0	0	0	26	3	2	0	0
	1730		..	..	..	..	..	..	..	..	..	0.3	-0.5	5.6	0	0	31	00	0	0	0	0	28	1	2	0	0
SURAT	0530	12	1006.5	1005.2	..	26.0	24.2	23.3	28.6	85	..	1.2	..	7.9	0	0	30	00	0	0	2	0	27	0	1	1	0
	0830	12	1008.4	1007.1	+1.0	28.7	24.9	23.1	28.3	72	+ 3	1.9	-1.6	8.1	0	0	30	00	0	0	2	0	25	0	3	1	0
	1130	12	1008.7	1007.4	..	32.5	24.9	21.0	24.9	52	..	0.6	..	13.7	0	7	24	00	0	0	0	0	27	0	4	0	0
	1730	12	1005.6	1004.3	+1.9	32.2	25.1	21.6	25.8	55	- 2	0.2	-1.5	18.5	0	16	15	00	0	0	0	0	31	0	0	0	0
	2330	12	1007.4	1006.1	..	27.6	25.0	23.7	29.3	80	..	1.0	..	12.3	0	2	29	00	0	0	1	0	29	0	1	0	0
SAURASHTRA AND KUTCH																											
NALIYA	0830	21	1006.6	1004.2	+0.7	27.7	24.9	23.6	29.1	79	+ 1	3.0	-0.1	11.0	0	5	24	00	0	0	1	0	19	9	0	2	0
	1730	21	1004.5	1002.1	+1.2	31.8	25.7	22.6	27.4	60	+ 3	1.1	-0.8	15.3	0	9	22	00	0	0	0	0	21	10	0	0	0
BHUJ (RUDRAMATA	0230	80	1005.1	995.9	..	25.8	23.9	22.9	27.9	85	..	0.2	..	13.4	0	8	18	00	0	0	0	0	16	9	1	5	0
	0530	80	1005.1	996.0	..	24.8	23.5	22.9	27.9	89	..	1.4	..	10.0	0	5	15	00	0	0	0	0	12	8	0	10	0
	0830	80	1006.3	997.3	+0.7	28.1	25.1	23.7	29.3	78	+12	0.6	-0.4	17.0	0	15	12	00	0	0	0	0	12	13	2	4	0
	1130	80	1006.4	997.5	..	35.4	25.9	20.8	24.6	46	..	0.0	..	21.4	0	17	14	02	1	0	0	1	8	14	5	0	0
	1430	80	1004.3	995.5	..	38.1	25.9	19.4	22.5	36	..	0.5	..	25.4	0	23	7	02	0	0	0	1	9	14	4	1	0
	1730	80	1003.3	994.5	+0.9	36.5	26.2	20.8	24.6	43	+10	0.4	-0.2	29.4	0	28	3	01	0	0	0	0	12	13	5	0	0
	2030	80	1004.6	995.6	..	30.5	25.6	23.1	28.3	67	..	0.2	..	23.1	0	21	10	00	0	0	0	0	15	15	1	0	0
	2330	80	1005.8	996.7	..	27.2	24.8	23.6	29.1	82	..	0.2	..	18.1	0	11	19	00	0	0	0	0	20	10	0	1	0
KANDLA AERODROME	0830	35	1007.1	1003.2	..	28.4	23.8	21.3	25.3	67	..	0.9	..	24.1	0	24	7	00	0	1	0	2	18	7	3	0	0
	1130	35	1006.9	1003.1	..	35.6	23.9	16.1	18.3	36	..	0.5	..	26.5	0	22	9	01	1	0	0	0	19	7	3	0	0
	1730	35	1003.6	999.8	..	37.3	24.2	15.6	17.7	32	..	0.4	..	35.5	0	29	2	00	0	0	1	2	20	7	1	0	0
NEW KANDLA	0830	14	1007.3	1005.7	+0.8	27.6	23.9	22.0	26.4	72	+ 0	2.5	+0.3	21.6	0	21	10	01	0	0	0	0	9	16	5	0	0
	1730	14	1004.3	1002.7	+1.3	32.9	25.3	21.0	24.9	54	+ 3	0.5	-1.1	38.0	0	28	3	00	0	0	0	1	16	14	0	0	0
MANDVI	0830	9	1007.4	1006.3	+1.4	27.8	24.8	23.4	28.8	77	- 7	3.0	+0.6	20.4	0	19	12	00	0	0	0	0	8	20	3	0	0
	1730	9	1005.3	1004.2	+2.0	29.8	26.2	24.6	30.9	75	- 8	2.1	+0.0	36.1	0	31	0	00	0	0	0	0	6	25	0	0	0
SURENDRANAGAR	0830	74	1007.4	999.0	+1.3	29.1	24.7	22.5	27.3	69	+ 2	0.6	-1.1	14.2	0	8	21	01	0	0	0	1	4	16	7	2	0
	1730	74	1002.7	994.6	+1.4	39.4	24.9	16.8	19.1	28	+ 2	1.5	-0.4	21.4	0	18	11	00	0	0	0	0	5	21	3	2	0
OKHA	0530	7	1006.2	1005.4	..	26.4	24.6	23.8	29.5	86	..	2.3	..	21.2	0	20	11	00	0	0	0	0	14	13	4	0	0
	0830	7	1007.8	1007.0	..	27.7	25.2	24.1	30.0	80	..	2.4	..	21.2	0	20	11	00	0	0	0	0	9	19	3	0	0
	1130	7	1008.6	1007.8	..	29.5	25.7	24.1	30.0	73	..	1.3	..	23.5	0	25	6	00	0	0	0	0	11	17	3	0	0
	1730	7	1006.0	1005.2	..	29.3	26.1	24.7	31.1	77	..	1.0	..	27.5	0	31	0	00	0	0	0	0	9	22	0	0	0
	2330	7	1007.3	1006.5	..	28.9	25.3	24.6	30.9	87	..	0.7	..	23.5	0	26	5	00	0	0	0	0	14	15	2	0	0
JAMNAGAR AERODROME	0530	23	1006.4	1003.8	..	24.0	23.0	22.5	27.3	92	..	2.5	..	19.1	0	12	19	00	0	0	0	2	25	4	0	0	0
	0830	23	1007.8	1005.2	+1.0	27.7	25.1	23.9	29.7	80	+10	2.2	-0.7	26.4	0	24	7	00	0	0	0	0	14	14	3	0	0
	1130	23	1008.0	1005.5	..	32.5	25.3	21.5	25.6	55	..	0.4	..	30.6	0	26	5	00	0	0	0	0	1	24	6	0	0
	1730	23	1005.1	1002.6	+1.9	32.5	25.7	22.4	27.1	57	+ 3	0.3	-0.7	38.5	0	30	1	00	0	0	0	0	0	26	5	0	0
	2330	23	1007.4	1004.8	..	26.6	24.5	23.6	29.1	84	..	0.2	..	23.8	0	22	9	00	0	0	0	0	17	13	1	0	0
DWARKA	0830	11	1008.6	1007.3	+1.6	27.6	26.6	26.2	34.0	93	+11	2.4	-0.5	9.6	0	1	30	00	0	0	0	0	7	21	3	0	0
	1730	11	1006.3	1005.0	+1.7	29.2	28.5	28.3	38.5	93	+15	1.6	-1.0	11.5	0	0	31	00	0	0	0	0	10	19	2	0	0
RAJKOT	0530	138	1006.0	990.3	..	23.5	21.6	20.5	24.1	84	..	1.6	..	15.9	0	11	20	00	0	0	0	1	19	9	2	0	0
	0830	138	1007.4	991.9	+0.0	27.3	23.8	21.9	26.3	73	+ 1	0.5	-1.6	22.0	0	25	6	00	0	0	0	0	10	15	6	0	0
	1130	138	1006.9	991.8	..	34.7	23.7	17.5	20.0	37	..	0.0	..	24.6	0	25	5	01	0	0	0	0	6	12	11	1	0
	1430	138	1004.3	989.4	..	38.2	23.8	14.7	16.7	25	..	0.1	..	28.8	0	25	6	01	0	0	0	0	3	14	12	0	1
	1730	138	1003.1	988.2	+1.1	37.8	23.5	14.6	16.6	27	+ 0	0.1	-1.6	36.3	0	29	2	00	1	0	0	0	2	10	17	0	1
BHAVNAGAR AERODROME	0830	11	1008.0	1006.8	+0.7	28.5	22.9	19.8	23.1	60	+ 6	0.4	-1.0	17.3	0	13	18	01	0	0	0	5	11	10	3	0	1
	1130	11	1007.9	1006.7	..	34.8	23.0	15.5	17.6	34	..	0.3	..	16.3	0	11	18	00	3	6	3	3	5	6	2	2	1
	1730	11	1003.6	1002.4	+1.0	37.0	24.8	18.1	20.8	35	- 2	1.6	+0.2	34.8	0	30	1	00	0	0	0	6	22	1	1	1	0
PORBANDER AERODROME	0830	7	1008.0	1007.2	+1.4	27.6	25.1	23.9	29.7	81	+ 0	2.6	-0.4	16.3	0	11	18	00	0	0	0	1	10	13	5	2	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MAY , 1968 (VAISKHA 11-JYAISTHA 10,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of mean standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SAURASHTRA AND KUTCH (INCLUDING DIU)																											
PORBANDER AERODROME	1130	7	1008.5	1007.7	..	30.0	25.5	23.3	28.6	68	..	1.4	..	22.6	0	22	9	00	0	0	0	0	15	14	2	0	0
	1730	7	1006.0	1005.2	+1.7	29.8	26.0	24.3	30.4	73	- 2	0.9	-2.0	28.1	0	31	0	00	0	0	0	0	9	22	0	0	0
KESHOD	0830	51	1008.2	1002.4	+0.8	27.2	24.1	22.6	27.4	77	+ 5	2.0	-0.6	11.7	0	2	27	00	0	0	1	0	8	14	6	2	0
	1130	51	1008.2	1002.5	..	33.5	23.7	18.2	20.9	41	..	0.5	..	17.7	0	10	21	00	0	0	0	1	6	19	5	0	0
	1730	51	1005.3	999.6	+1.0	32.5	24.0	19.4	25.8	47	+ 2	0.7	-0.6	21.7	0	23	7	00	0	0	0	2	3	23	2	0	0
MAHUVA	0830	9	1007.6	1006.6	..	25.4	24.3	23.9	29.7	92	..	1.8	..	3.2	0	0	25	01	0	0	0	3	11	8	2	6	0
	1730	9	1004.7	1003.7	..	30.9	25.0	22.5	27.3	60	..	1.9	..	12.9	0	5	26	00	0	0	0	7	19	5	0	0	0
VERAVAL	0230	8	1006.7	1005.8	..	25.9	24.7	24.2	30.2	90	..	1.9	..	12.5	0	3	27	03	0	0	0	0	0	14	13	1	0
	0530	8	1006.5	1005.6	..	25.1	24.0	23.5	28.9	91	..	2.5	..	8.3	0	1	25	09	0	0	[illegible]	0	1	9	7	5	0
	0830	8	1008.4	1007.5	+0.8	26.9	25.2	24.4	30.5	86	+ 4	2.4	-0.8	7.9	0	2	21	03	0	0		0	1	9	10	8	0
	1130	8	1008.9	1008.0	..	29.4	26.2	24.9	31.5	77	..	1.1	..	11.8	0	4	26	00	0	0		0	4	19	7	1	0
	1430	8	1007.5	1006.6	..	30.0	26.7	25.4	32.4	76	..	1.1	..	17.7	0	12	19	00	0	0	0	0	4	20	7	0	0
	1730	8	1006.3	1005.4	+1.5	29.0	26.5	25.4	32.4	81	- 1	1.5	-0.4	20.0	0	18	13	00	0	0	0	0	0	1	22	8	0
	2030	8	1007.2	1006.3	..	27.3	25.7	24.9	31.5	87	..	1.5	..	16.6	0	8	23	01	0	0	0	0	0	16	14	0	0
	2330	8	1007.9	1007.0	..	26.7	25.3	24.7	31.1	89	..	2.3	..	14.3	0	8	21	01	0	0	0	0	0	14	14	2	0
DIU	0830	15	1009.1	1007.6	..	27.1	24.6	23.4	28.8	80	..	1.7	..	11.4	0	1	29	01	0	0	0	0	2	3	14	10	1
	1730	15	1006.4	1004.7	..	29.0	25.5	23.9	29.7	74	..	0.9	..	25.1	0	29	2	00	0	0	0	0	13	17	1	0	0
KONKAN (INCLUDING GOA)																											
DAHANU	0830	5	1008.4	1007.9	+1.4	28.8	27.2	26.5	36.1	87	+ 9	0.1	-4.1	4.3	0	0	29	00	0	1	2	3	13	10	0	1	0
	1730	5	1005.9	1005.5	+1.6	30.7	28.8	28.2	38.2	86	+11	0.1	-2.3	10.8	0	0	31	00	0	0	0	0	10	20	1	0	0
BOMBAY (SANTACRUZ)	0230	14	1007.3	1005.7	..	26.2	23.7	22.5	27.3	80	..	2.6	..	1.8	0	0	9	01	0	0	0	1	2	2	3	22	0
	0530	14	1007.4	1005.8	..	25.4	23.5	22.5	27.3	84	..	2.9	..	2.1	0	0	13	02	0	7	1	0	2	1	0	18	0
	0830	14	1009.1	1007.5	+1.4	29.2	24.6	22.4	27.1	67	- 2	3.9	-0.3	4.5	0	1	18	01	4	2	1	1	5	2	3	12	0
	1130	14	1009.1	1007.5	..	31.3	25.1	22.2	26.7	59	..	2.4	..	14.5	0	5	26	00	0	0	0	0	5	20	6	0	0
	1430	14	1007.3	1005.7	..	31.4	25.5	22.8	22.6	61	..	1.6	..	18.9	0	16	14	01	0	0	0	0	2	21	6	1	0
	1730	14	1006.5	1004.9	+1.8	30.3	25.1	22.7	27.6	64	- 1	2.0	-0.9	19.7	0	15	16	00	0	0	0	0	0	20	11	0	0
	2030	14	1007.8	1006.2	..	28.0	24.6	23.0	28.1	74	..	2.6	..	12.3	0	2	27	00	0	0	0	0	1	16	12	2	0
	2330	14	1008.5	1006.8	..	27.0	24.3	23.0	28.1	77	..	2.5	..	8.7	0	0	26	02	0	0	0	0	2	13	9	5	0
BOMBAY	0830	11	1009.2	1008.0	+1.1	28.7	24.8	22.9	27.9	71	- 2	3.6	+0.0	5.3	0	0	27	01	0	3	4	2	2	5	8	4	2
	1130	11	1009.4	1008.2	..	31.1	25.4	22.9	27.9	62	..	1.8	..	9.9	0	0	31	00	0	0	0	0	6	17	6	0	2
	1730	11	1006.5	1005.3	+1.3	32.0	27.3	24.5	30.7	90	+22	1.6	-0.7	35.7	1	4	26	01	1	0	0	0	0	21	8	0	0
ALIBAG	0830	7	1009.1	1008.3	+0.6	28.4	25.0	23.4	28.8	75	- 1	4.2	+0.5	5.9	0	0	28	03	3	2	4	4	5	1	6	3	0
BHIRA	0830	96	1008.6	997.8	..	27.8	23.5	21.2	25.2	67	..	2.1	..	1.9	0	0	23	03	0	0	1	3	11	3	2	8	0
	1730	96	1004.6	994.1	..	35.0	24.4	18.7	21.6	40	..	1.0	..	6.8	0	0	31	00	0	0	1	0	16	5	9	0	0
HARNAI	0830	20	1009.1	1006.8	+1.4	28.1	24.7	23.3	28.6	75	- 3	2.0	-2.3	7.8	0	1	25	12	2	6	0	2	0	0	4	5	0
	1730	20	1006.8	1004.4	+1.7	28.8	25.8	24.3	30.4	77	- 1	2.1	-1.8	29.0	0	27	4	01	0	0	0	0	0	14	16	0	0
RATNAGIRI	0830	35	1009.0	1005.1	+1.4	28.3	24.7	23.0	28.1	73	- 1	4.4	+0.0	3.5	0	0	27	01	1	2	0	1	2	10	9	4	1
	1730	35	1006.5	1002.7	+1.7	30.1	25.5	23.5	28.9	68	- 1	4.5	+0.5	8.3	0	0	31	00	1	0	0	0	0	16	14	0	0
DEVGARH	0830	36	1009.2	1005.2	+1.2	28.4	24.7	23.0	28.1	73	- 5	4.0	-0.7	11.5	0	3	27	05	3	1	1	0	0	7	13	1	0
	1730	36	1006.6	1002.6	+1.5	30.7	25.9	23.8	29.5	67	- 5	3.1	-1.1	26.2	0	27	4	00	0	0	0	0	0	9	22	0	0
VENGURLA	0230	9	1008.0	1007.0	..	26.5	23.8	22.5	27.3	79	..	3.2	..	2.0	0	0	15	10	1	0	0	0	0	2	2	16	0
	0530	9	1007.6	1006.6	..	25.7	23.5	22.4	27.1	82	..	3.8	..	1.5	0	0	12	10	0	1	0	0	0	0	1	19	0
	0830	9	1009.6	1008.6	+1.3	28.9	24.5	22.4	27.1	68	- 5	3.9	-0.9	3.3	0	0	22	10	0	1	0	0	1	2	8	8	0
	1130	9	1009.4	1008.4	..	31.2	25.3	22.5	27.3	60	..	2.7	..	7.7	0	0	31	00	0	0	0	0	9	21	1	0	0
	1730	9	1006.8	1005.8	+1.4	30.1	25.1	22.8	27.7	65	- 3	2.6	-1.5	9.2	0	0	31	00	0	0	0	0	1	21	9	0	0
	2330	9	1009.2	1008.2	..	27.5	24.1	22.5	27.3	74	..	2.8	..	3.9	0	0	22	06	0	1	0	0	1	5	9	9	0
PANJIM	0530	60	1007.3	1000.5	..	26.0	23.5	22.3	26.9	80	..	3.1	..	7.1	0	0	29	12	6	5	1	1	0	0	4	2	0
	0830	60	1009.1	1002.3	..	27.9	24.1	22.3	26.9	72	..	4.4	..	7.0	0	0	29	08	11	6	0	1	1	0	2	2	0
	1130	60	1009.1	1002.4	..	31.0	24.9	21.9	26.3	59	..	3.7	..	17.5	0	12	19	00	0	0	0	0	9	17	5	0	0
	1430	60	1007.2	1000.6	..	31.3	25.0	22.0	26.4	58	..	3.0	..	20.7	0	18	13	00	0	0	0	0	3	23	5	0	0
	1730	60	1006.4	999.7	..	29.7	24.7	22.1	26.6	63	..	3.5	..	22.2	0	23	8	00	0	0	0	0	3	20	8	0	0
	2030	60	1008.0	1001.2	..	27.6	24.1	22.2	26.7	71	..	2.4	..	14.5	0	7	24	06	0	0	0	0	0	8	17	0	0
	2330	60	1008.6	1002.0	..	27.3	23.8	22.1	26.6	73	..	2.6	..	10.1	0	1	30	06	1	0	0	0	1	1	22	0	0
MORMUGAO	0530	62	1007.0	1000.1	..	27.2	24.3	22.9	27.9	78	..	5.2	..	9.7	0	2	26	05	8	2	0	1	2	5	5	3	0
	0830	62	1008.9	1002.0	+0.4	28.3	24.7	22.9	27.9	72	- 1	4.5	+0.0	8.6	0	2	27	05	10	3	0	1	1	5	4	2	0
	1130	62	1008.8	1001.9	..	30.1	25.3	23.0	28.1	66	..	3.6	..	14.6	0	6	25	01	0	0	0	0	12	13	5	0	0
	1730	62	1006.1	999.2	+0.5	29.7	25.2	23.2	28.4	68	- 4	4.3	+0.4	20.3	0	17	14	00	0	0	0	0	6	24	1	0	0
DABOLIM (NAVAL AIR STN.)	0530	52	1007.4	1001.6	..	26.8	23.9	22.6	27.4	78	..	4.2	..	6.9	0	0	26	07	7	4	1	1	0	0	6	5	0
	0830	52	1009.4	1003.6	..	28.2	24.4	22.5	27.3	71	..	4.1	..	7.3	0	0	29	11	10	1	1	1	0	1	4	2	0
	1130	52	1009.4	1003.6	..	30.3	24.8	22.2	26.7	62	..	3.8	..	14.2	0	2	29	04	0	0	0	0	1	7	19	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – MAY , 1968 (VAISKHA 11-JYAISTHA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C						Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															32 or more	20 to 31	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
KONKAN (INCLUDING GOA) CONTD.																											
DABOLIM (NAVAL AIR STATION)	1730	52	1006.7	1000.9	..	30.0	25.0	22.6	27.4	65	..	4.6	..	17.4	0	7	24	02	0	0	0	0	0	5	24	0	0
	2330	52	1008.8	1003.0	..	27.8	24.2	22.5	27.3	73	..	4.4	..	10.4	0	0	31	11	1	1	0	0	0	2	16	0	0
MADHYA MAHARASHTRA																											
NANDURBAR	0830	206	1007.6	983.9	+0.6	29.9	22.6	18.5	21.3	53	-10	0.0	-1.7	18.1	0	18	13	00	0	0	0	0	15	4	12	0	0
	1730	206	1003.0	981.1	+2.4	38.7	22.3	11.4	13.5	20	-10	0.0	-1.8	12.6	0	6	25	01	0	0	0	0	18	0	12	0	0
JALGAON	0830	201	1006.8	984.5	+1.0	29.9	22.3	17.9	20.5	49	- 5	0.4	-0.9	29.9	0	31	0	00	0	0	0	0	0	19	12	0	0
	1730	201	1001.2	979.8	+1.5	41.1	21.1	4.5	8.4	11	- 7	1.3	-0.8	26.5	0	23	8	01	1	0	0	0	0	18	11	0	0
MALEGAON	0830		(R)																								
	1730		(R)																								
OZAR	0230	608	1006.6	939.2	-4.8	22.5	18.2	15.4	17.5	66	+43	0.2	-2.0	14.6	0	7	21	00	0	0	0	0	1	16	11	3	0
	0530	608	1007.1	939.5	..	21.3	18.0	16.0	18.2	72	..	0.9	..	12.8	0	6	21	01	0	0	0	0	0	17	9	4	0
	0830	608	1007.5	941.1	..	27.2	20.5	16.8	19.3	55	..	0.9	..	15.9	0	11	19	00	0	0	0	0	0	10	20	1	0
	1130	608	1005.6	940.7	..	33.9	20.9	12.7	14.7	30	..	0.8	..	22.1	0	19	12	03	1	0	0	0	1	10	15	0	1
	1430	608	1002.8	938.6	..	36.5	21.5	12.3	14.3	25	..	1.1	..	21.8	0	16	15	00	0	1	0	1	0	11	17	0	1
	1730	608	1002.2	937.8	..	34.9	21.3	13.0	15.0	28	..	1.2	..	28.4	0	29	2	01	0	0	0	0	0	13	17	0	0
	2030	608	1005.5	939.5	..	28.7	19.5	13.7	15.7	41	..	0.6	..	21.2	0	20	11	00	0	0	0	0	1	17	13	0	0
	2330	608	1007.2	940.3	..	24.9	18.6	14.7	16.7	54	..	0.2	..	13.9	0	8	19	00	0	0	0	0	0	19	8	4	0
AHMADNAGAR	0830	657	1007.6	936.1	+1.1	27.2	17.9	11.4	13.5	38	- 6	1.7	-0.5	7.1	0	1	27	00	0	0	1	0	1	1	25	3	0
	1730	657	1000.3	931.7	+1.0	39.1	23.6	9.4	10.2	18	- 4	3.5	+0.0	12.9	0	6	24	01	6	0	1	0	2	1	18	1	1
PUONA AERODROME	0230	593	1006.7	941.0	..	22.9	18.1	15.0	17.0	63	..	0.7	..	19.5	0	11	20	00	0	0	0	0	1	29	1	0	0
	0530	593	1007.4	941.2	..	21.4	17.5	14.8	16.8	67	..	1.7	..	15.2	0	5	23	00	0	0	0	0	0	27	1	3	0
	0830	593	1007.9	942.7	..	26.1	18.8	14.1	16.1	49	..	1.9	..	20.1	0	15	16	00	0	0	0	0	1	29	1	0	0
	1130	593	1005.9	942.4	..	33.5	19.5	9.7	12.0	25	..	1.9	..	21.1	0	17	12	05	0	1	0	0	0	16	7	2	0
	1730	593	1002.3	939.3	..	34.6	21.0	12.5	14.5	27	..	2.4	..	32.5	0	30	1	00	0	0	0	0	0	22	9	0	0
	2330	593	1007.4	942.1	..	25.0	19.4	15.8	17.9	58	..	0.9	..	22.9	0	19	12	00	0	0	0	0	0	29	2	0	0
PUONA	0530	559	1007.6	945.3	..	22.1	17.3	13.9	15.9	62	..	2.0	..	2.3	0	0	10	00	0	0	0	0	0	9	1	21	0
	0830	559	1008.2	946.9	+0.9	26.8	19.1	14.2	16.2	47	- 7	2.4	+0.0	5.6	0	0	23	01	0	0	0	0	1	17	4	8	0
	1130	559	1006.3	946.4	..	34.1	19.6	9.7	12.0	23	..	2.1	..	9.0	0	0	31	02	1	1	0	0	1	13	13	0	0
	1430	559	1003.3	944.1	..	36.7	20.7	10.2	12.4	20	..	2.7	..	10.8	0	1	30	02	3	0	0	0	1	16	9	0	0
	1730	559	1003.0	943.4	+1.2	34.8	21.8	14.4	16.4	30	- 5	2.4	-0.3	14.1	0	6	25	01	0	0	0	0	0	21	9	0	0
	2030	559	1006.2	945.4	..	28.8	21.1	16.8	19.1	50	..	1.1	..	11.5	0	0	31	00	0	0	0	0	0	28	3	0	0
	2330	559	1007.7	946.2	..	25.9	19.8	16.1	18.3	56	..	0.8	..	7.0	0	0	24	00	0	0	0	0	0	23	1	7	0
JEUR	0830	521	1007.0	950.0	+0.9	28.4	20.1	15.1	15.6	45	-13	1.8	-1.0	11.6	0	2	29	10	0	0	0	0	1	3	17	0	0
	1730	521	999.9	945.2	+0.9	39.1	21.7	10.8	12.9	19	- 9	3.9	-0.1	11.4	0	4	27	06	2	4	0	0	0	8	11	0	0
BARAMATI	0830	551	1007.5	947.1	+1.2	27.1	20.7	17.0	19.4	55	- 4	1.2	-1.8	11.3	0	4	27	01	0	0	0	0	3	13	14	0	0
	1730	551	1000.7	942.7	+1.4	37.5	24.0	16.6	18.9	31	- 1	2.1	-2.2	14.6	0	7	24	05	0	0	0	2	2	5	17	0	0
SHOLAPUR	0530	479	1005.4	952.6	..	26.4	19.6	15.5	17.6	52	..	1.6	..	6.3	0	0	30	03	3	0	3	0	4	7	10	1	0
	0830	479	1007.0	954.7	+0.6	29.6	21.1	16.3	18.5	48	- 2	1.9	-1.1	5.7	0	0	30	01	7	0	2	0	2	1	17	1	0
	1130	479	1004.7	953.7	..	36.7	21.9	13.1	15.1	25	..	1.9	..	7.6	0	0	31	07	13	1	0	0	4	0	6	0	0
	1430	479	1001.5	951.1	..	39.7	22.7	12.6	14.6	21	..	3.3	..	7.7	0	0	31	04	15	0	2	0	4	3	3	0	0
	1730	479	999.9	949.6	+0.5	39.3	22.4	12.3	14.3	21	- 3	3.1	-1.4	8.0	0	0	31	03	16	0	2	0	3	5	2	0	0
	2330	479	1004.9	953.0	..	31.1	18.9	10.2	12.4	29	..	2.4	..	7.4	0	0	30	00	14	0	3	0	4	2	7	1	0
MIRAJ	0830	554	1008.3	949.0	+2.3	25.4	21.9	20.2	23.7	73	+ 0	3.4	+0.2	2.3	0	0	18	00	0	1	0	0	0	14	3	13	0
KOLHAPUR	1730	554	1001.7	947.9	+5.6	35.7	23.0	16.1	18.3	33	- 8	4.2	+0.0	3.8	0	0	25	01	0	0	0	0	2	20	2	6	0
	0530	570	1007.1	943.9	..	22.0	20.1	19.1	24.4	84	..	1.9	..	8.4	0	0	26	01	0	2	0	0	2	19	2	5	0
	0830	570	1008.3	945.4	+0.7	24.3	21.0	19.2	22.2	74	+ 1	3.0	-0.7	8.6	0	0	31	00	0	1	0	0	1	16	13	0	0
	1130	570	1006.6	945.3	..	32.0	21.5	15.5	17.6	39	..	2.2	..	10.7	0	0	30	02	2	1	0	0	1	15	9	1	0
	1730	570	1002.7	941.7	+0.7	32.3	23.1	18.6	21.4	45	- 5	3.5	-0.6	18.3	0	12	19	02	0	0	0	0	2	21	6	0	0
	2330	570	1007.8	944.9	..	24.1	21.3	19.9	23.2	78	..	2.1	..	11.5	0	2	29	01	0	0	0	0	3	22	5	0	0
NASIK	0830		..	..	..	27.6	20.8	17.0	19.4	53	..	.	..	..	.	..	..	00	0	0	0	0	0	0	0	0	0
MARATHWADA																											
AURANGABAD	0830	581	1007.1	944.1	+0.8	29.7	18.2	9.9	12.2	30	-17	1.0	-1.3	9.1	0	5	21	02	0	0	0	0	2	14	8	5	0
AURANGABAD (CHIKALTHAN)	1730	581	1000.9	940.0	+1.1	38.1	19.4	5.0	8.7	13	-11	2.4	-1.0	12.8	0	6	24	06	0	2	0	1	1	11	9	1	0
	0230	579	1004.6	941.2	..	26.7	17.1	10.0	12.3	36	..	1.0	..	13.2	0	5	22	00	1	0	1	0	1	19	5	4	0
	0530	579	1005.7	941.8	..	24.2	16.1	9.9	12.2	41	..	1.4	..	10.5	0	1	24	00	0	0	0	1	2	19	3	6	0
	0830	579	1006.3	943.5	+0.9	29.9	19.0	11.5	13.6	34	-16	1.2	-1.1	17.6	0	10	20	03	1	0	0	0	1	17	8	1	0
	1130	579	1004.5	943.0	..	35.8	20.2	9.6	11.9	21	..	1.1	..	23.7	0	21	10	09	3	1	0	0	1	9	8	0	0
	1430	579	1001.6	940.7	..	38.2	21.1	10.0	12.3	19	..	2.4	..	17.8	0	10	21	04	2	0	0	0	1	9	13	0	2
	1730	579	1000.4	939.5	+1.3	37.6	20.5	8.8	11.3	18	-11	2.7	-1.2	18.6	0	10	21	05	2	0	1	0	0	9	14	0	0
	2030	579	1003.2	941.2	..	32.8	18.9	9.0	11.5	24	..	1.9	..	14.8	0	8	20	02	2	0	1	0	1	13	9	3	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MAY , 1968 (VAISKHA 11-JYAISTHA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gram. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	28 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MARATHWADA (CONTD.)																											
AURANGABAD (CHIKALTHAN)	2330	579	1005.2	942.3	..	28.9	17.5	9.1	11.5	29	..	1.0	..	13.9	0	4	25	01	0	0	1	0	0	16	11	2	0
PARBHANI	0830	423	1005.2	959.1	-0.2	30.8	19.3	10.5	12.7	30	-18	1.0	-1.6	8.6	0	2	29	04	1	1	0	0	0	9	16	0	0
	1730	423	1000.1	955.5	+1.3	40.1	20.4	2.8	7.6	11	-13	3.4	-0.7	10.3	0	1	30	09	2	0	0	0	0	8	12	0	0
NANDER	0830	358	1005.7	966.5	..	31.2	21.4	15.0	17.0	39	..	0.9	..	7.7	0	0	29	00	0	0	1	0	9	0	19	2	0
	1730	358	999.6	961.8	..	40.2	25.5	17.8	20.4	28	..	1.8	..	5.7	0	0	24	00	4	0	0	0	7	0	13	7	0
BIR	0830	519	1007.3	950.8	..	29.4	19.5	13.2	15.2	38	..	1.6	..	7.6	0	0	30	01	0	0	0	0	1	1	27	1	0
	1730	519	1000.7	946.1	..	38.5	21.1	10.1	12.3	20	..	2.8	..	8.9	0	1	29	01	7	0	2	0	0	1	19	1	0
VIDARBHA																											
GONDIA	0830	313	1004.1	970.1	+0.6	33.2	21.9	14.0	17.0	34	- 3	0.4	-2.1	3.1	0	0	24	03	4	0	3	2	6	0	6	7	0
	1730	313	999.4	966.3	+1.5	39.8	22.3	9.3	12.6	18	- 2	1.0	-2.3	2.4	0	0	21	07	1	1	0	0	4	6	2	10	0
NAGPUR (SONEGAON)	0230	310	1002.0	967.8	..	29.0	18.8	11.1	13.4	34	..	1.1	..	5.5	0	1	20	02	0	0	1	0	0	4	14	10	0
	0530	310	1002.9	968.6	..	27.9	18.3	10.9	13.2	36	..	1.7	..	6.2	0	0	24	03	1	0	0	1	3	2	14	7	0
	0830	310	1004.1	970.4	+0.6	34.2	21.5	12.8	15.3	29	- 5	1.2	-1.6	14.1	0	10	21	01	2	0	2	2	2	3	19	0	0
	1130	310	1002.9	969.9	..	39.1	23.1	12.6	15.2	22	..	1.4	..	11.2	0	4	25	06	3	1	0	0	2	5	12	2	0
	1430	310	1000.1	967.2	..	41.0	23.3	11.4	14.1	19	..	2.9	..	13.0	0	6	24	02	4	0	1	1	0	9	13	1	0
	1730	310	999.0	966.1	+1.2	40.1	22.9	11.3	13.8	19	+ 0	2.8	-1.4	11.2	0	4	25	05	0	1	1	2	2	5	13	2	0
	2030	310	1001.3	967.7	..	34.3	20.8	11.2	13.6	25	..	1.5	..	4.8	0	0	23	03	0	0	2	0	2	7	9	8	0
	2330	310	1002.3	968.4	..	31.6	19.8	11.2	13.5	30	..	1.1	..	5.0	0	0	24	03	0	0	1	1	4	5	10	7	0
AMRAOTI	0830	370	1004.6	964.3	+0.3	32.1	22.2	16.0	18.8	39	+ 2	0.7	-1.7	4.5	0	0	31	01	2	1	0	1	4	13	9	0	0
	1730	370	999.4	960.3	+1.2	40.4	25.3	16.5	19.9	27	+ 6	1.7	-2.6	10.1	0	4	27	05	0	0	1	0	3	8	14	0	0
AKOLA AERODROME	0530	309	1003.3	969.0	..	28.0	16.9	6.8	10.2	27	..	1.6	..	9.3	0	1	30	00	0	0	1	1	1	16	12	0	0
	0830	309	1004.7	970.9	..	31.5	19.7	11.0	13.4	29	..	1.5	..	11.4	0	2	29	00	1	0	0	0	2	14	14	0	0
	1130	309	1003.7	970.5	..	38.0	20.5	5.9	9.8	15	..	1.5	..	12.3	0	1	30	03	2	0	0	0	0	13	13	0	0
	1430	309	1000.5	967.7	..	40.9	20.5	3.4	7.5	10	..	2.5	..	11.7	0	2	28	01	0	0	1	1	1	10	16	1	0
	1730	309	999.1	966.4	..	40.6	20.1	0.5	6.8	9	..	2.7	..	12.8	0	4	27	02	0	1	0	0	0	14	14	0	0
	2030	309	1001.1	967.7	..	36.4	18.5	2.1	7.6	13	..	1.4	..	7.4	0	0	31	02	0	1	0	0	2	10	16	0	0
	2330	309	1002.3	969.0	..	32.2	17.2	3.5	7.5	15	..	1.1	..	7.0	0	0	30	01	1	1	0	0	4	12	11	1	0
AKOLA	0830	282	1005.6	974.6	+0.8	31.6	21.0	14.1	16.2	35	- 4	0.9	-1.2	9.5	0	0	31	00	1	0	0	0	18	0	12	0	0
	1730	282	1000.0	970.1	+1.2	41.0	21.4	5.7	9.5	12	- 7	2.0	-0.8	10.9	0	2	29	01	1	0	1	0	9	0	19	0	0
BRAMHAPURI	0830	229	1004.7	979.5	-0.2	31.7	21.7	14.9	17.8	39	- 7	0.9	-2.0	6.3	0	0	29	07	1	0	3	5	8	1	4	2	0
	1730	229	999.8	975.2	+0.6	41.3	22.3	8.4	11.4	15	- 9	2.2	-1.0	5.0	0	0	30	07	1	0	0	2	3	11	6	1	0
BULDANA	0830	650	1006.0	935.5	+1.0	28.4	22.0	18.6	21.7	57	+ 6	0.5	-2.2	14.8	0	4	27	02	0	0	0	0	1	0	28	0	0
	1730	650	1000.2	932.0	+1.2	37.0	23.9	16.5	20.0	31	+ 6	2.1	-1.4	7.5	0	0	31	00	3	0	0	0	0	0	28	0	0
YEOTMAL	0830	451	1004.5	955.7	+0.7	32.4	19.6	10.9	12.3	26	-14	1.4	-1.7	10.8	0	2	29	03	1	0	0	2	1	13	11	0	0
	1730	451	998.9	951.5	+1.1	40.2	21.4	7.1	10.1	14	-11	2.6	-1.8	10.3	0	1	29	03	0	1	0	0	2	18	6	1	0
CHANDRAPUR	0830	193	1004.7	983.5	+0.2	32.4	20.5	11.6	14.5	30	- 6	1.4	-1.0	8.3	0	2	28	03	0	1	3	7	4	6	6	1	0
	1730	193	999.2	978.7	+0.7	41.6	22.0	6.9	10.4	13	- 8	3.0	-0.4	11.5	0	3	28	06	1	0	2	5	2	6	9	0	0
PUSAD	0830	334	1005.9	969.5	..	32.9	21.3	13.7	15.9	32	..	2.1	..	5.0	0	0	31	00	1	0	1	0	7	0	22	0	0
	1730	334	1000.7	965.4	..	40.9	23.7	12.4	15.3	19	..	4.0	..	7.3	0	1	29	01	7	0	1	0	4	0	17	1	0
SIRONCHA	0830	123	1005.9	992.2	+0.7	32.0	23.5	18.4	22.0	47	- 5	2.0	-1.3	1.5	0	0	20	01	1	0	10	3	0	3	2	11	0
	1730	123	1000.0	986.9	+1.0	41.6	23.9	12.9	15.1	19	- 8	2.7	-0.8	1.9	0	0	23	02	3	1	2	3	2	0	10	8	0
WARDHA	0830	283	1004.7	973.9	..	34.3	20.3	9.2	12.3	23	..	0.6	..	5.8	0	0	30	04	2	2	1	3	4	6	8	1	0
	1730	283	1000.1	970.0	..	40.7	21.5	5.8	9.9	13	..	1.9	..	5.4	0	0	31	08	3	0	1	1	3	6	9	0	0
BHANDARA	0830		..	..	..	33.8	20.5	10.6	13.2	26	..	.	..	1.9	0	0	22	01	4	1	1	0	11	1	2	9	1
	1730		..	..	..	40.4	21.5	6.4	10.2	14	..	.	..	2.6	0	0	21	00	1	0	4	0	11	2	2	10	1
COASTAL ANDHRA PRADESH																											
KALINGAPATAM	0830	6	1005.8	1005.2	+0.7	30.9	27.6	26.3	34.2	77	+ 1	+.2	-0.2	17.4	0	12	12	00	1	0	0	5	15	3	0	2	0
	1730	6	1002.5	1001.9	+0.9	30.7	28.0	26.9	35.4	81	+ 4	2.7	-2.1	17.8	0	9	17	00	0	0	0	9	15	1	0	0	1
VISHAKHAPATNAM	0230	3	1003.8	1003.4	..	28.3	26.7	26.0	33.8	87	..	2.7	..	7.1	0	0	26	00	0	0	0	0	15	9	2	5	0
	0530	3	1004.4	1004.0	..	27.9	26.3	25.6	32.8	88	..	4.0	..	5.2	0	0	21	00	1	0	0	1	12	5	2	10	0
	0830	3	1006.1	1005.7	+0.4	31.6	27.1	25.3	32.2	70	- 5	3.6	-0.8	16.8	0	15	13	00	0	0	1	3	15	8	1	3	0
	1130	3	1005.4	1005.0	..	34.7	28.2	25.7	33.0	59	..	3.2	..	21.9	0	21	10	00	0	2	1	11	16	1	0	0	0
	1430	3	1003.2	1002.8	..	34.6	28.6	26.3	34.2	63	..	2.6	..	25.8	0	25	6	00	0	1	2	12	16	0	0	0	0
	1730	3	1003.0	1002.6	+1.1	31.6	27.8	26.2	34.2	74	- 9	4.7	+0.0	17.8	0	12	19	00	0	0	1	11	18	1	0	0	0
	2030	3	1004.9	1004.5	..	30.2	27.5	26.3	34.6	80	..	3.6	..	10.7	0	3	26	00	0	0	0	5	20	3	1	2	0
	2330	3	1005.1	1004.7	..	29.2	27.0	26.0	33.8	84	..	3.7	..	8.7	0	3	20	00	0	0	0	2	17	4	0	8	0
KAKINADA	0830	8	1006.7	1005.7	+0.8	31.6	26.9	24.9	31.5	68	- 3	3.9	-0.6	10.4	0	0	30	00	0	0	0	5	1	23	0	1	1	0
	1730	8	1002.7	1001.8	+1.1	33.8	25.8	22.6	76.6	53	-11	2.8	-0.2	14.7	0	0	31	00	0	0	23	5	1	0	2	0	0
NIDADAVOLE	0830	12	1006.6	1005.2	+0.6	30.5	26.7	24.9	31.9	73	- 1	3.9	-2.2	4.3	0	0	31	03	0	3	0	11	6	6	2	0	0
	1730	12	1002.7	1001.3	+1.2	35.7	26.9	23.4	28.3	49	- 4	2.1	-2.8	4.6	0	0	31	01	0	2	6	18	0	3	1	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – MAY 1968 (VAISKHA 11-JYAISTHA 10,1890 SAKA)

*SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of mean standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
COASTAL ANDHRA PRADESH (CONTD.)																											
RENTACHINTALA	0830	106	1005.8	994.1	+0.8	32.3	24.2	19.7	23.5	49	- 6	3.3	-0.9	2.4	0	0	30	00	0	0	0	6	0	24	0	1	0
	1730	106	1000.7	989.3	+1.0	41.8	23.7	12.5	14.5	21	-10	3.3	-1.5	1.5	0	0	20	00	0	1	0	1	0	18	0	11	0
GANNAVARAM	0230	24	1003.7	1001.0	..	28.0	25.1	23.5	29.5	79	..	1.7	..	6.6	0	0	27	02	0	6	5	9	3	1	1	4	0
	0530	24	1004.3	1001.6	..	27.3	25.0	23.7	29.7	83	..	2.7	..	4.8	0	0	22	02	0	7	5	3	2	2	1	9	0
	0830	24	1006.2	1003.5	+0.8	31.4	25.8	22.9	28.6	64	- 1	3.5	-0.6	11.7	0	2	28	02	0	3	3	14	2	4	2	1	0
	1130	24	1005.3	1002.6	..	36.9	25.7	19.6	23.8	40	..	2.4	..	15.1	0	5	26	05	0	1	2	13	2	6	2	0	0
	1430	24	1002.5	999.9	..	39.2	25.7	18.3	22.0	33	..	2.3	..	14.5	0	5	26	03	0	1	6	12	4	3	2	0	0
	1730	24	1001.8	999.1	+0.8	36.9	25.5	19.0	23.2	40	- 3	2.9	-1.1	14.5	0	3	28	02	0	2	11	10	2	2	2	0	0
	2030	24	1004.4	1001.7	..	31.2	25.3	22.3	27.4	62	..	2.2	..	11.2	0	0	31	01	0	1	10	17	0	2	0	0	0
	2330	24	1004.9	1002.2	..	29.2	25.4	23.5	29.3	73	..	1.6	..	9.1	0	2	25	00	0	4	3	15	5	0	0	4	0
MASULIPATAM	0830	3	1006.1	1005.8	+0.5	31.0	26.4	24.2	30.5	68	- 3	4.1	+0.5	3.3	0	0	30	00	0	1	2	6	17	3	0	1	1
	1730	3	1002.3	1002.0	+0.7	32.9	27.3	24.2	31.7	63	- 2	2.8	+0.0	4.9	0	0	31	00	0	6	7	6	3	0	2	0	7
ONGOLE	0830	12	1005.5	1004.2	+0.1	32.5	27.5	25.3	32.6	67	- 7	0.0	-3.4	2.0	0	0	31	03	3	4	6	3	4	3	5	0	0
	1730	12	1002.3	1001.0	+0.7	35.1	29.0	25.8	35.0	63	-11	0.6	-2.9	3.1	0	0	31	06	8	2	12	0	0	0	3	0	0
NELLORE	0530	20	1004.7	1002.5	..	27.8	25.1	23.8	29.7	80	..	5.3	..	4.6	0	0	28	00	0	1	13	2	2	7	3	3	0
	0830	20	1006.1	1003.9	+0.5	32.3	26.4	23.8	29.7	61	+ 1	4.9	+0.6	7.0	0	2	29	00	0	0	17	1	2	11	0	0	0
	1130	20	1005.5	1003.3	..	37.9	26.7	21.5	25.8	40	..	4.2	..	8.9	0	1	30	00	0	1	10	0	5	6	9	0	0
	1430	20	1002.9	1000.8	..	39.3	27.2	22.1	26.1	39	..	4.8	..	7.7	0	0	31	00	0	1	8	0	3	9	10	0	0
	1730	20	1002.8	1000.6	+1.2	34.8	27.0	23.6	29.3	54	+ 0	5.1	+1.0	10.1	0	0	31	00	1	1	10	0	2	4	13	0	0
	2330	20	1005.2	1003.0	..	29.3	26.0	24.5	30.7	76	..	5.3	..	5.8	0	0	30	01	0	1	14	1	1	12	0	1	0
VISHAKHAPATNAM (SOLAR)	0830	66	1005.8	998.5	..	30.7	26.1	24.1	30.0	68	..	5.0	..	9.4	0	1	29	00	0	2	1	0	24	3	0	1	0
TELANGANA																											
RAMGUNDAM	0830	156	1005.2	988.0	+0.7	33.2	27.0	24.1	30.5	62	+18	1.3	-1.9	5.4	0	1	30	03	0	0	6	11	3	7	1	0	0
	1730	156	1000.0	983.3	+1.1	41.6	27.8	21.2	25.9	33	+10	2.5	-1.6	4.0	0	0	28	05	3	0	6	2	3	6	3	3	0
NIZAMABAD	0830	381	(R)																								
	1730	381	(R)																								
HANAMKONDA	0830	269	1005.1	975.7	+0.2	31.3	23.4	18.2	22.4	50	- 1	0.9	-1.8	2.1	0	0	30	03	0	1	3	15	1	4	3	1	0
	1730	269	1001.5	973.0	+2.1	40.3	23.4	12.3	15.0	21	- 3	0.9	-2.3	2.0	0	0	31	11	2	1	3	7	1	6	0	0	0
HAKIMPET AERODROME	0530	613	1004.4	937.5	..	26.2	19.6	15.3	17.9	55	..	4.4	..	14.9	0	8	23	01	0	0	7	2	7	9	5	0	0
	0830	613	1005.1	939.1	..	30.3	20.6	14.6	17.1	41	..	3.5	..	21.7	0	16	15	03	0	1	5	0	3	9	10	0	0
	1130	613	1003.5	938.8	..	35.7	21.7	12.9	15.7	27	..	2.7	..	21.0	0	17	14	09	2	2	2	0	3	7	6	0	0
	1730	613	1000.6	936.0	..	36.5	21.4	11.9	14.4	25	..	4.1	..	16.8	0	5	26	08	2	3	3	3	1	3	8	0	0
	2330	613	1003.8	937.8	..	30.0	20.3	14.3	16.7	41	..	2.5	..	11.3	0	6	21	01	1	3	4	5	4	4	5	4	0
BHADRACHALLAM	0830	111	1005.6	993.3	+0.2	31.0	24.6	21.1	25.6	58	- 3	3.1	-0.9	4.0	0	0	31	00	11	0	11	0	7	0	2	0	0
	1730	111	1000.3	988.4	+0.7	39.2	24.1	14.9	17.6	26	- 5	3.6	-1.6	4.5	0	0	31	00	19	0	9	0	3	0	0	0	0
HYDERABAD (BEGAMPET)	0230	545	1003.2	944.1	..	28.6	19.6	13.6	16.2	42	..	2.3	..	6.8	0	1	24	04	0	1	6	4	2	3	5	6	0
	0530	545	1004.4	944.9	..	27.1	19.5	14.6	17.1	49	..	4.0	..	8.9	0	4	21	02	0	1	4	2	2	4	10	6	0
	0830	545	1005.7	946.7	+0.6	29.8	20.1	13.6	16.4	40	-10	3.3	-0.2	13.5	0	12	19	06	0	1	2	4	4	3	11	0	0
	1130	545	1003.9	946.2	..	36.4	21.0	10.6	13.6	24	..	2.7	..	13.7	0	7	24	10	4	3	0	2	6	0	6	0	0
	1730	545	1000.1	943.0	+1.3	37.6	20.7	9.0	12.0	20	-13	4.6	+0.2	9.3	0	3	27	07	6	1	2	7	1	2	4	1	0
	2330	545	1004.1	945.3	..	30.3	20.3	13.9	16.5	38	..	1.8	..	5.8	0	1	24	02	1	1	6	6	1	1	7	6	0
KHAMMAM	0830	112	1006.1	993.6	+0.5	31.5	24.6	20.9	25.3	56	-11	3.4	-0.1	5.2	0	0	24	01	0	5	5	4	1	4	4	7	0
	1730	112	1000.3	988.3	+0.4	39.8	25.8	18.2	21.7	30	- 3	3.4	-0.9	1.7	0	0	15	01	0	3	3	2	0	3	3	15	0
MAHBUBNAGAR	0830	505	1005.9	951.0	+0.4	30.1	21.2	16.1	18.8	45	-12	4.2	-0.1	7.7	0	0	28	00	2	1	0	0	7	2	16	3	0
	1730	505	1000.4	946.9	+0.5	36.7	21.7	12.3	15.0	25	- 9	5.5	+0.4	5.0	0	0	29	02	4	4	2	0	5	7	5	2	0
RAYALASEEMA																											
KURNOOL	0830	281	1007.3	976.2	+0.9	30.3	22.6	18.1	21.0	49	- 5	3.1	-0.9	17.2	0	12	19	00	0	0	1	0	19	0	5	0	6
	1730	281	1001.0	970.9	+1.1	38.5	22.7	12.6	14.7	23	- 4	4.5	+0.3	6.1	0	2	27	00	5	0	5	1	4	0	8	2	6
NANDYAL	0830	212	1006.8	983.5	..	31.4	24.9	21.7	26.3	57	..	2.2	..	11.0	0	4	24	01	2	0	0	6	3	6	10	3	0
	1730	212	1001.1	978.4	..	38.4	25.4	18.5	21.8	32	..	4.3	..	10.4	0	6	23	05	2	4	2	2	3	3	8	2	0
ANANTAPUR	0530	350	1005.8	966.9	..	26.0	22.3	20.2	23.8	71	..	3.6	..	11.3	0	3	26	00	0	0	1	1	11	13	2	2	1
	0830	350	1007.5	968.9	+1.2	28.4	22.9	20.0	23.5	61	- 1	3.5	-0.8	12.7	0	5	23	00	0	0	0	0	7	19	2	3	0
	1130	350	1005.9	967.9	..	33.9	23.4	17.6	20.1	39	..	2.7	..	9.6	0	0	29	01	0	0	0	1	7	8	12	2	0
	1430	350	1002.6	964.9	..	37.5	23.3	14.8	16.9	27	..	3.3	..	6.3	0	0	26	07	0	0	0	1	3	4	11	5	0
	1730	350	1001.0	963.6	+0.8	37.5	23.1	14.1	16.5	26	- 6	4.1	-0.7	5.2	0	1	20	03	2	0	0	1	5	4	6	10	0
	2030	350	1003.5	965.7	..	33.0	22.3	15.8	18.3	38	..	3.0	..	7.5	0	3	14	00	2	1	0	2	5	5	1	14	1
	2330	350	1005.1	966.7	..	30.1	22.4	17.9	20.8	50	..	3.2	..	16.5	0	11	16	00	0	0	1	3	8	14	1	4	0
CUDDAPAH	0830	130	1007.2	992.8	+0.6	31.9	24.8	21.4	25.3	54	- 3	1.8	-1.6	3.1	0	0	20	00	1	1	0	0	0	18	0	11	0
	1730	130	1001.5	987.5	+0.7	39.1	25.7	18.9	22.1	31	-10	3.1	-1.0	0.9	0	0	6	00	0	3	1	0	0	2	0	25	0
AROGYAVARAM	0830	701	1007.5	931.7	+1.3	27.8	23.2	20.9	25.0	68	+ 8	3.6	-1.5	6.1	0	0	27	01	3	0	5	1	2	1	14	4	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MAY ,1968 (VAISKHA 11-JYAISTHA 10,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lit. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
COASTAL ANDHRA PRADESH (CONTD.)																											
ARUGYAVARAM	1730	701	1001.9	927.8	+1.0	33.5	24.3	19.8	23.5	48	+10	5.5	-0.3	9.3	0	0	31	02	15	0	8	0	3	0	3	0	0
MADRAS STATE (INCLUDING PONDICHERRY)																											
MADRAS	0830	6	1006.9	1006.2	+0.9	30.8	26.0	23.8	29.7	67	+ 1	4.2	-0.3	6.9	0	1	28	00	0	1	1	9	11	6	1	2	0
	1730	6	1003.3	1002.6	..	31.5	27.0	25.1	31.9	69	..	3.3	..	10.0	0	2	29	00	0	4	16	9	1	1	0	0	0
MADRAS (MINAMBAKKAM)	0230	16	1005.0	1003.1	..	28.4	25.9	24.9	31.5	82	..	2.0	..	8.7	0	1	23	00	0	0	7	14	2	1	0	7	0
	0530	16	1005.4	1003.7	..	27.7	25.6	24.7	31.1	84	..	3.9	..	8.2	0	0	25	00	0	0	4	16	4	1	0	6	0
	0830	16	1007.0	1005.3	+0.8	30.9	25.7	23.3	28.8	65	+ 2	4.5	+0.0	14.3	0	5	25	00	0	1	1	12	6	10	0	1	0
	1130	16	1006.2	1004.5	..	35.5	25.7	21.0	25.0	44	..	4.4	..	12.5	0	3	28	00	0	0	3	9	7	9	3	0	0
	1430	16	1003.7	1002.0	..	36.6	26.7	22.0	26.9	45	..	3.7	..	16.3	0	12	18	01	0	7	11	5	1	3	2	1	0
	1730	16	1003.3	1001.6	+0.8	32.8	26.5	23.7	29.3	61	- 5	3.4	-1.0	18.8	0	15	16	00	1	5	19	6	0	0	0	0	0
	2030	16	1005.6	1003.9	..	29.8	26.8	25.5	32.8	78	..	2.6	..	14.8	0	7	24	00	0	1	16	13	1	0	0	0	0
	2330	16	1006.1	1004.4	..	29.2	26.5	25.5	32.2	81	..	2.3	..	13.5	0	4	26	00	0	0	8	21	1	0	0	1	0
VELLORE	0530	214	1005.8	981.9	..	26.8	23.5	21.7	26.3	75	..	4.3	..	2.9	0	0	17	03	0	0	1	5	4	4	0	14	0
	0830	214	1007.4	983.7	+1.0	30.1	24.3	21.5	25.6	61	- 1	4.3	+0.6	6.1	0	0	27	01	0	0	1	1	3	20	1	4	0
	1130	214	1006.0	982.8	..	34.9	25.7	21.3	25.5	45	..	4.0	..	4.3	0	0	26	06	0	0	1	4	2	12	1	5	0
	1730	214	1002.3	979.1	+0.8	36.1	24.9	19.1	22.4	39	- 3	4.6	-0.3	4.9	0	0	28	03	4	1	4	6	1	8	1	3	0
	2030	214	1006.4	982.6	..	29.4	24.7	22.5	27.3	67	..	2.5	..	3.0	0	0	14	01	0	0	2	9	1	1	0	17	0
TAMBARAM AERODROME	0830	29	1006.8	1003.6	..	31.2	26.2	24.0	29.8	66	..	4.2	..	23.6	0	21	10	00	0	0	0	11	11	8	1	0	0
	1730	29	1003.7	1000.4	..	33.6	26.7	23.6	29.3	57	..	3.6	..	27.7	0	24	7	00	0	0	11	19	1	0	0	0	0
TIRUPPATTUR	0830	390	1011.2	967.5	+3.6	24.5	23.0	22.3	26.7	88	+21	6.1	+1.0	3.2	0	0	28	12	0	1	1	14	0	0	0	3	0
	1730	390	1006.5	964.0	+4.3	29.6	23.8	20.5	24.3	59	+14	7.2	+1.2	7.1	0	0	31	22	0	1	0	6	1	1	0	0	0
METTUR DAM R.S.	0830		..	..	..	29.0	23.6	21.0	24.7	62	..	2.2	..	4.9	0	0	29	00	10	0	5	0	11	0	3	2	0
	1730		..	..	..	35.7	24.6	18.6	21.8	38	..	3.5	..	9.7	0	0	30	00	1	0	4	0	23	0	2	1	0
CUDDALORE	0530	12	1005.8	1004.5	..	26.8	24.8	23.9	29.7	85	..	2.6	..	2.7	0	0	15	00	0	0	1	11	3	0	0	16	0
	0830	12	1006.8	1005.5	+0.0	29.9	25.5	23.5	28.9	69	+ 2	3.9	-0.5	9.2	0	0	30	00	0	0	4	8	15	3	0	1	0
	1130	12	1006.5	1005.2	..	34.1	26.2	22.6	27.6	52	..	3.9	..	9.3	0	0	31	00	0	0	12	5	8	4	2	0	0
	1430	12	1004.0	1002.7	..	34.2	27.2	24.5	30.4	58	..	3.2	..	12.1	0	1	30	00	0	0	22	1	4	3	1	0	0
	1730	12	1003.6	1002.3	+0.7	31.3	27.6	26.1	33.8	74	+ 2	2.8	-1.7	11.1	0	0	31	00	0	0	27	3	1	0	0	0	0
	2330	12	1006.1	1004.9	..	28.7	26.0	24.8	31.5	80	..	1.0	..	9.7	0	1	29	00	0	0	11	12	6	0	1	1	0
KALLAKKURICHCHI	0830	127	1006.9	992.8	+0.7	29.6	26.6	25.2	32.4	78	+11	2.6	-1.1	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	127	1002.3	988.5	+0.7	[illegible]	31.4	0.0	0.0	0	..	3.3	-1.4	..	.	..	..	..	..	..	..	..	..	..	..	..	..
SALEM	0530	278	1006.3	975.2	..	[illegible]	22.2	20.4	24.1	74	..	2.9	..	1.3	0	0	10	00	0	0	1	0	3	6	0	21	0
	0830	278	1008.3	977.0	+0.6	[illegible]	23.0	20.4	24.0	64	- 7	3.2	-0.8	2.5	0	0	19	00	0	1	1	1	11	4	0	12	1
	1130	278	1006.7	976.3	..	[illegible]	24.0	19.7	22.8	48	..	3.3	..	5.1	0	0	29	00	0	1	0	1	6	15	0	2	6
	1730	278	1002.6	972.5	+0.6	[illegible]	23.7	18.2	20.2	41	- 6	4.3	-0.8	3.2	0	0	19	00	1	1	1	2	5	8	0	12	1
	2330	278	1007.0	976.1	..	28.4	22.7	19.5	22.9	60	..	3.4	..	3.0	0	0	17	00	0	2	1	0	5	9	0	14	0
COIMBATORE (PILAMEDU)	0530	399	1007.1	962.5	..	23.3	22.3	21.8	26.1	92	..	2.5	..	13.5	0	4	23	00	0	0	0	10	17	0	0	4	0
	0830	399	1008.6	964.3	+1.0	26.1	23.4	22.2	26.3	79	+ 4	3.3	-1.3	11.2	0	4	19	01	0	0	0	7	15	0	0	8	0
	1130	399	1007.3	963.8	..	30.9	24.1	20.5	24.4	54	..	3.7	..	13.4	0	9	14	01	0	0	0	11	10	0	1	8	0
	1430	399	1004.2	961.1	..	34.0	24.5	20.0	22.9	46	..	3.8	..	24.5	0	23	7	00	0	0	2	12	16	0	0	1	0
	1730	399	1004.0	960.6	+1.0	30.8	24.0	20.6	24.3	55	- 1	4.4	-1.1	25.6	0	26	4	01	0	0	0	6	22	1	0	1	0
	2030	399	1006.9	962.8	..	26.9	23.4	21.7	25.9	74	..	2.3	..	20.1	0	10	21	00	0	1	0	5	24	1	0	0	0
	2330	399	1008.0	963.6	..	24.9	23.2	22.3	26.9	85	..	1.7	..	20.3	0	21	10	01	0	0	0	5	25	0	0	0	0
COIMBATORE	0830	409	1008.3	963.1	+0.7	26.4	23.1	21.5	25.6	75	+ 1	4.7	+0.2	6.3	0	0	31	00	2	0	0	9	18	0	2	0	0
NAGAPATTINAM	0830	9	1007.4	1006.8	+0.6	30.2	25.5	23.3	28.8	67	- 2	5.7	+0.8	11.4	0	4	27	00	0	0	1	9	11	9	1	0	0
	1730	9	1004.1	1003.1	+0.5	[illegible]	26.7	24.1	30.0	61	- 8	6.3	+1.9	19.0	0	18	13	00	0	0	11	10	7	3	0	0	0
TIRUCHCHIRAPPALLI	0230	88	1005.4	995.5	..	26.9	23.4	21.6	25.9	73	..	3.2	..	13.2	0	11	16	00	1	1	3	4	3	14	1	4	0
	0530	88	1005.8	996.0	..	26.1	22.9	21.3	25.3	75	..	4.0	..	13.1	0	9	19	00	0	0	2	3	6	17	0	3	0
	0830	88	1007.5	997.7	+0.5	29.0	23.9	21.3	25.5	64	- 3	3.8	-0.5	21.4	0	16	13	01	0	0	1	1	5	20	1	2	0
	1130	88	1006.8	997.1	..	33.4	24.6	20.2	23.7	46	..	3.5	..	20.0	0	13	18	00	0	0	1	4	8	17	1	0	0
	1430	88	1003.9	994.3	..	36.2	24.7	18.8	21.6	37	..	4.0	..	13.9	0	7	24	00	0	2	4	3	5	16	1	0	0
	1730	88	1002.9	993.3	+0.5	35.9	24.3	18.1	20.8	36	- 5	3.9	-1.1	11.7	0	3	28	00	1	4	11	2	4	6	3	0	0
	2030	88	1005.6	995.9	..	31.0	25.2	22.5	27.3	61	..	3.3	..	17.5	0	11	20	00	0	1	14	10	2	3	1	0	0
	2330	88	1006.8	996.9	..	28.4	24.1	22.0	26.6	69	..	3.2	..	12.6	0	4	27	00	0	0	6	9	5	10	1	0	0
VEDARANNIYAM	0830	4	1007.8	1007.3	..	30.6	26.8	25.2	32.1	73	..	4.8	..	6.0	0	0	31	01	0	0	1	10	19	0	0	0	0
	1730	4	1004.5	1004.0	..	30.9	26.4	24.5	30.7	69	..	3.6	..	6.5	0	0	31	00	0	0	4	14	13	0	0	0	0
ATIRAMPATTINAM	0830	6	1007.8	1007.1	..	[illegible]	25.9	29.7	31.5	70	..	2.0	..	7.2	0	0	31	00	0	0	0	3	15	4	9	0	0
	1730	6	1004.5	1003.7	..	[illegible]	26.9	25.1	31.9	70	..	2.7	..	21.6	0	22	8	00	0	0	3	16	11	0	0	0	0
MADURAI	0830	133	1007.9	993.1	+0.7	30.0	25.0	22.6	27.6	65	+ 4	4.4	-0.5	8.0	0	0	31	15	1	2	0	1	0	1	11	0	0
MADURAI AERODROME	0530	131	1006.1	991.3	..	26.1	23.1	21.5	25.8	77	..	2.1	..	8.7	0	1	22	09	2	1	0	1	0	0	10	8	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MAY , 1968 (VAISKHA 11-JYAISTHA 10,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADRAS STATE (INCLUDING PONDICHERRY)																											
MADURAI CARRIDORIME	0830	131	1007.8	993.1	+0.6	29.9	24.4	21.7	25.9	62	- 3	3.4	-1.9	15.3	0	8	22	10	3	1	0	0	1	4	11	1	0
	1130	131	1006.9	992.5	..	34.2	25.2	20.8	24.7	46	..	3.5	..	9.7	0	1	26	02	5	0	2	4	5	3	6	4	0
	1730	131	1003.4	989.1	+0.2	35.4	25.0	19.7	23.1	41	- 9	4.4	-1.9	13.3	0	8	19	00	2	6	9	7	1	1	1	4	0
TONDI	0830	5	1008.2	1007.6	+0.7	30.4	26.3	24.5	30.7	71	- 1	4.5	-1.4	7.2	0	1	30	01	0	1	6	13	7	1	2	0	0
	1730	5	1005.0	1004.4	+0.9	31.0	27.4	25.9	33.6	75	+ 0	5.0	-0.8	20.6	0	20	11	00	0	0	14	17	0	0	0	0	0
PAMBAN	0830	11	1007.5	1006.2	-0.1	29.3	26.5	25.3	32.2	80	+ 3	3.8	+0.2	13.3	0	4	27	01	0	0	3	13	9	4	1	0	0
	1730	11	1004.8	1003.5	+0.2	30.1	27.0	25.7	33.0	77	- 1	3.6	-0.4	18.2	0	16	15	00	0	0	3	17	10	1	0	0	0
TUTICORIN	0830	4	1008.2	1007.8	+0.7	30.6	25.0	23.4	27.1	62	- 4	2.4	-1.5	10.1	0	2	29	04	2	1	0	0	2	14	8	0	0
	1730	4	1004.8	1004.4	+0.7	32.3	26.6	24.0	30.0	63	+ 2	2.5	-1.2	14.5	0	6	25	00	0	0	5	19	4	3	0	0	0
PALAYANKOTTAI	0830	51	1008.2	1002.5	+0.8	31.8	25.0	21.8	26.0	56	- 4	3.1	-1.2	5.0	0	0	27	10	0	0	0	3	1	12	1	2	0
	1730	51	1004.4	998.8	+0.5	33.8	24.4	19.4	22.8	44	- 9	4.6	-0.9	16.8	0	5	24	02	0	3	8	1	3	11	1	0	0
KANNIYAKUMARI	0830	37	1008.3	1004.2	..	29.2	24.6	22.4	27.1	67	..	5.5	..	19.6	0	15	16	00	0	0	0	0	4	22	5	0	0
	1730	37	1005.7	1001.6	..	30.0	25.8	24.0	29.8	70	..	4.4	..	22.6	0	23	8	00	0	0	0	0	12	19	0	0	0
PONDICHERRY	0830	6	1007.2	1006.6	..	29.6	25.9	24.2	30.4	73	..	3.9	..	17.8	0	10	21	00	0	0	1	11	7	11	1	0	0
	1730	6	1003.4	1002.8	..	30.8	28.0	26.9	35.4	79	..	2.6	..	30.5	0	29	2	00	0	0	20	9	2	0	0	0	0
PORT NOVA	0830	3	1007.1	1006.8	..	30.7	25.3	22.7	27.7	63	..	4.1	..	11.7	0	1	30	00	0	0	4	4	19	2	2	0	0
TUTICORIN H.P.	0830	3	1008.1	1007.8	..	30.3	25.1	22.7	27.6	64	..	2.9	..	12.3	0	3	27	02	0	1	0	3	5	12	7	1	0
	1130	3	1007.5	1007.2	..	32.0	26.3	23.8	29.7	62	..	2.8	..	17.5	0	14	17	00	0	6	15	8	1	1	0	0	0
	1430	3	1004.8	1004.5	..	32.1	27.4	25.4	32.6	68	..	2.1	..	26.3	0	24	7	00	0	1	14	15	0	1	0	0	0
	1730	3	1004.2	1003.9	..	31.0	27.1	25.5	32.4	73	..	2.5	..	27.2	0	25	6	00	0	1	7	16	4	2	1	0	0
COASTAL MYSORE																											
KARWAR	0830	4	1009.7	1009.2	+1.8	28.8	25.4	23.8	29.7	74	- 6	4.5	-0.5	3.7	0	1	30	03	9	3	2	1	0	3	10	0	0
	1730	4	1006.9	1006.4	+1.6	30.2	25.7	23.7	29.3	68	- 7	4.5	-0.4	11.7	0	1	30	00	0	0	0	0	1	10	20	0	0
HONAVAR	0830	26	1009.6	1006.6	+0.8	27.6	24.5	23.1	28.3	76	- 3	4.4	-1.4	3.4	0	0	28	00	3	11	2	3	1	5	3	3	0
	1730	26	1006.9	1004.0	+1.0	30.8	25.6	23.5	28.6	65	- 7	4.4	-0.9	8.0	0	0	31	00	0	0	0	0	0	27	4	0	0
MANGALORE (RAJPUR)	0230	102	1007.5	996.1	..	26.6	24.1	22.8	27.9	80	..	5.4	..	2.1	0	0	7	01	0	1	1	0	0	2	2	24	0
	0530	102	1007.7	996.2	..	26.0	23.8	22.5	27.6	82	..	5.6	..	2.0	0	0	10	02	2	6	0	0	0	0	0	21	0
	0830	102	1009.2	997.9	+1.1	28.5	24.6	22.8	27.7	71	-10	5.8	+0.1	4.6	0	0	18	06	3	6	1	0	0	0	2	13	0
	1130	102	1009.0	997.7	..	31.7	25.0	21.8	26.3	57	..	4.9	..	15.0	0	3	27	02	0	0	0	0	8	14	6	1	0
	1430	102	1006.9	995.6	..	32.2	25.1	21.8	26.1	55	..	4.3	..	22.8	0	23	8	01	0	0	0	0	6	20	4	0	0
	1730	102	1006.2	994.9	+0.9	30.6	24.7	22.1	26.3	61	-13	5.3	-0.9	21.3	0	18	13	00	0	0	0	0	0	23	8	0	0
	2030	102	1008.4	997.0	..	28.1	24.4	22.7	27.6	73	..	5.3	..	11.2	0	2	25	02	0	0	0	0	0	10	15	4	0
	2330	102	1009.0	997.5	..	27.5	24.3	22.8	27.7	76	..	6.1	..	6.6	0	0	22	05	0	0	0	0	0	7	10	9	0
MANGALORE	0830	22	1009.1	1006.7	+0.4	29.0	25.5	23.9	29.7	75	- 2	4.8	-1.0	3.2	0	0	30	02	5	12	4	0	2	2	3	1	0
	1730	22	1006.5	1004.0	+0.7	30.7	26.4	24.5	30.7	69	- 3	4.6	-0.6	6.1	0	0	31	01	0	0	0	0	3	4	18	0	5
MANGALORE H.P.	0830	32	1009.0	1005.4	..	28.5	25.2	23.7	29.3	75	..	4.7	..	5.0	0	0	28	06	5	9	4	1	0	1	2	3	0
	1130	32	1008.9	1005.3	..	31.5	25.7	23.1	28.3	61	..	4.0	..	14.0	0	2	29	00	0	0	0	0	1	11	19	0	0
	1730	32	1006.3	1002.7	..	30.5	25.6	23.3	28.8	65	..	4.7	..	16.6	0	10	21	01	0	0	0	0	0	5	25	0	0
INTERIOR MYSORE, NORTH																											
BIDAR	0830	664	1005.6	934.1	+0.8	29.9	19.2	11.9	14.3	35	-16	3.3	-0.2	14.6	0	9	21	00	0	0	0	1	3	13	13	1	0
	1730	664	999.8	930.0	+0.9	35.9	20.2	9.2	12.2	22	- 8	5.6	+0.6	10.3	0	5	24	03	3	6	1	2	4	6	4	2	0
GULBARGA	0830	458	1006.5	956.4	-0.2	29.3	19.9	14.7	16.3	44	- 3	3.5	+0.3	10.8	0	1	26	01	0	0	0	3	0	18	5	4	0
	1730	458	1000.5	951.9	+1.1	38.0	21.0	10.3	12.3	21	- 5	5.8	+1.0	9.7	0	1	30	02	1	3	2	0	2	16	5	0	0
BIJAPUR	0830	594	1007.6	942.6	+0.7	26.1	21.1	18.2	21.3	60	+ 2	3.5	+0.1	9.5	0	0	30	03	2	0	0	0	6	11	8	1	0
	1730	594	1000.2	937.7	+0.4	37.3	23.9	17.3	19.7	32	+ 4	4.8	+0.1	5.2	0	0	27	02	2	1	3	0	1	6	12	4	0
RAICHUR	0830	400	1007.0	963.2	+0.6	29.5	21.9	17.4	20.0	49	-11	3.3	+0.6	7.4	0	0	31	00	2	0	5	0	10	1	13	0	0
	1730	400	1000.5	958.1	+0.6	38.3	22.1	10.8	13.3	20	-13	4.6	+0.4	6.1	0	0	30	00	9	0	9	0	1	2	9	1	0
BELGAUM	0830	753	1008.7	926.5	+0.5	24.3	20.5	16.5	21.3	71	- 7	3.7	+0.5	2.7	0	0	17	01	0	0	0	0	2	10	3	14	1
	1730	753	1003.1	922.9	-0.1	30.0	23.6	20.7	24.4	59	+ 1	3.0	-0.4	5.8	0	0	30	00	0	0	0	3	6	12	9	1	0
BELGAUM (SAMBRA)	0530	747	1007.9	925.4	..	20.5	19.1	18.3	21.0	88	..	3.7	..	6.5	0	0	23	00	0	1	0	2	2	16	2	8	0
	0830	747	1010.7	927.0	+1.0	23.9	20.0	17.8	20.5	70	- 4	3.6	-0.9	9.2	0	2	25	00	0	0	0	0	6	18	3	4	0
	1130	747	1009.4	926.7	..	30.8	20.1	13.1	15.7	36	..	2.4	..	11.5	0	2	29	08	4	1	0	1	2	9	5	0	1
	1430	747	1007.2	924.5	..	33.9	20.9	13.0	15.3	29	..	4.0	..	13.9	0	11	19	04	2	2	0	0	7	8	6	1	1
	1730	747	1006.5	923.8	+0.8	30.0	22.6	18.9	22.0	53	- 6	3.9	-1.0	22.6	0	26	4	01	0	0	0	0	3	25	1	1	0
	2030	747	1007.2	925.7	..	24.5	21.3	19.7	22.9	75	.	3.6	..	22.6	0	23	8	00	0	0	0	1	3	27	0	0	0
GADAG	0530	650	1007.3	935.5	..	22.0	20.8	20.2	23.7	90	..	4.1	..	9.6	0	0	30	00	0	0	0	0	11	19	0	1	0
	0830	650	1008.5	937.1	+0.5	24.4	22.1	21.0	25.0	81	+ 3	3.5	-0.7	7.3	0	0	31	00	0	0	0	0	8	23	0	0	0
	1130	650	1006.3	936.8	..	31.5	23.7	19.9	23.5	52	..	2.0	..	7.4	0	0	29	03	0	1	0	0	2	17	3	2	3
	1430	650	1002.6	934.2	..	35.9	24.3	18.6	21.8	38	..	3.1	..	7.4	0	0	31	01	5	2	0	0	5	10	6	0	2
	1730	650	1001.5	932.9	+0.5	32.7	23.5	19.1	22.1	46	- 3	4.7	-0.1	6.6	0	0	30	03	0	3	1	3	4	16	0	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – MAY 1968 (VAISKHA 11-JYAISTHA 10,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or bt. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
INTERIOR MYSORE, NORTH (CONTD.)																											
GASAG	2030	650	1005.8	935.3	..	27.6	23.7	21.9	26.3	72	..	3.6	..	15.0	0	4	27	00	0	0	0	0	10	16	5	0	0
	2330	650	1007.8	936.5	..	24.2	22.0	21.0	24.9	83	..	3.1	..	12.5	0	0	31	00	0	0	0	0	13	18	0	0	0
BIDAR A.F.	0530	665	1004.7	932.5	..	25.7	16.8	9.6	12.7	39	..	3.1	..	12.1	0	1	29	02	0	0	0	3	8	10	7	1	0
	0830	665	1005.7	934.1	..	29.9	18.2	9.2	12.3	30	..	2.5	..	18.3	0	13	16	04	0	0	1	0	2	10	12	2	0
	1130	665	1004.0	933.6	..	35.6	19.3	6.9	10.4	19	..	2.1	..	16.5	0	7	24	08	2	1	0	2	3	2	13	0	0
	1730	665	1000.9	931.0	..	36.1	19.8	7.4	11.2	20	..	4.2	..	16.1	0	6	25	06	2	3	1	5	3	5	5	0	1
	2330	665	1004.2	932.7	..	30.1	18.2	9.0	12.2	30	..	3.1	..	10.5	0	1	29	02	3	0	3	10	2	6	4	1	0
INTERIOR MYSORE, SOUTH																											
BELLARY	0830	449	1007.1	957.6	+0.3	27.2	23.5	21.6	25.9	72	+14	3.4	-0.8	6.5	0	0	21	02	5	0	0	0	1	2	11	10	0
	1730	449	1001.3	953.6	+1.0	36.6	26.9	22.5	27.6	46	+13	5.1	+0.5	8.1	0	0	28	04	3	2	3	1	0	4	11	3	0
CHITRADURGA	0830	733	1008.2	927.4	-0.2	23.5	20.7	19.3	22.4	78	+ 3	3.3	-1.6	8.2	0	0	29	00	0	0	0	0	6	23	0	2	0
	1730	733	1001.5	924.3	+0.5	33.5	21.9	15.6	17.8	35	- 4	3.0	-1.8	6.1	0	0	31	00	0	3	0	0	2	25	1	0	0
SHIMOGA	0830		..	..	..	..	..	..	..	..	..	4.9	-0.2	1.9	0	0	27	00	0	0	0	1	9	15	2	4	0
	1730		..	..	..	..	..	..	..	..	..	4.9	-0.1	3.7	0	0	31	00	1	0	0	0	6	23	1	0	0
AGUMBE	0830		..	..	..	24.4	21.1	19.5	22.7	74	..	.	..	..	.	..	..	01	6	1	0	0	17	2	0	4	0
	1730		(R)																								
BALEHONNUR	0830	907	..	..	..	23.5	20.8	19.5	22.7	78	-10	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
HASSAN	0830	960	1500.4	904.8	+0.3	21.6	20.1	19.3	22.4	87	+ 7	1.6	-3.0	6.5	0	0	25	00	0	0	0	0	7	16	2	6	0
	1730	960	1485.9	901.9	+0.6	28.7	21.6	17.4	20.5	53	-11	5.4	-0.4	9.5	0	0	28	01	0	0	0	0	8	18	1	3	0
BANGALORE	0230	921	1491.5	908.0	..	22.3	20.6	19.7	22.9	85	..	3.7	..	8.1	0	1	23	00	0	0	0	1	16	5	2	7	0
	0830	921	1510.0	909.7	+1.5	23.8	21.1	19.7	22.9	78	+ 3	4.5	-0.5	6.8	0	0	29	00	0	0	0	0	7	20	2	2	0
	1130	921	1519.7	909.5	..	29.3	22.6	19.3	22.4	55	..	4.0	..	7.0	0	0	31	01	0	0	0	2	12	12	4	0	0
	1430	921	1506.7	907.5	..	32.7	23.1	18.3	20.4	43	..	5.1	..	6.3	0	0	28	00	4	0	2	0	9	7	6	3	0
	1730	921	1491.2	906.5	+1.8	30.3	21.8	17.2	19.9	48	+ 2	5.9	+0.2	5.8	0	0	25	01	1	2	1	3	8	7	2	6	0
	2030	921	1500.8	908.3	..	25.8	20.7	17.8	20.8	64	..	5.2	..	5.2	0	0	18	00	0	0	4	1	9	3	1	13	0
BANGALORE AERODROME	0530	897	1478.1	909.5	..	21.0	20.0	19.5	22.7	91	..	5.3	..	9.7	0	0	26	01	0	0	0	0	10	14	1	5	0
	0830	897	1499.5	911.1	+0.7	24.0	21.3	19.9	23.2	78	+ 3	5.1	+0.1	14.1	0	7	23	00	0	0	0	0	10	18	2	1	0
	1130	897	1505.4	910.7	..	29.0	22.4	19.1	22.2	56	..	4.3	..	14.3	0	7	23	00	0	0	0	1	8	17	4	1	0
	1730	897	1476.6	907.5	+0.5	29.7	21.4	16.8	19.5	49	+ 0	6.1	+0.0	12.0	0	3	26	00	2	3	6	1	8	5	4	2	0
	2330	897	1492.8	910.7	..	23.5	20.7	19.2	22.4	77	..	5.0	..	12.0	0	6	21	00	1	0	0	3	11	10	2	4	0
MYSORE	0830	767	1009.0	925.1	+0.5	23.1	20.6	19.3	22.4	80	+ 1	3.4	-1.5	8.3	0	0	31	00	0	2	4	4	4	14	3	0	0
	1730	767	1003.1	921.7	+0.5	31.1	21.5	16.4	18.5	43	- 8	3.7	-1.8	11.6	0	3	28	07	1	2	0	7	8	6	0	0	0
YALANKA A.F.	0530	932	1480.9	906.3	..	[illegible]	19.8	19.2	22.1	89	..	4.5	..	16.0	0	5	25	01	0	1	2	1	7	17	1	1	0
	0830	932	1500.0	907.7	..	24.5	20.9	19.0	22.1	72	..	5.3	..	17.9	0	12	18	00	0	0	0	1	7	19	3	1	0
	1130	932	1506.3	907.4	..	29.9	21.6	17.1	19.7	47	..	4.4	..	17.8	0	12	19	01	0	0	0	3	3	19	5	0	0
	1730	932	1481.7	904.5	..	31.1	21.1	14.9	17.6	41	..	5.7	..	15.7	0	7	24	04	1	2	1	5	4	11	3	0	0
	2330	932	1493.4	907.2	..	23.6	20.1	18.2	21.0	73	..	5.1	..	16.3	0	7	23	00	0	2	0	7	6	13	2	1	0
KERALA																											
CALICUT	0530	5	1008.0	1007.4	..	26.1	24.6	24.0	29.7	88	..	3.3	..	1.3	0	0	13	00	1	8	0	2	0	2	0	18	0
	0830	5	1009.5	1008.9	+0.7	28.9	25.9	24.7	30.9	78	- 3	2.9	-2.7	1.5	0	0	15	00	1	1	0	1	1	1	10	16	0
	1130	5	1009.7	1009.1	..	30.9	27.3	25.5	33.4	75	..	2.7	..	4.3	0	0	29	01	0	0	0	3	0	19	6	2	0
	1430	5	1008.2	1007.6	..	32.6	28.1	26.6	34.2	72	..	2.7	..	4.9	0	0	31	00	0	0	0	4	3	23	1	0	0
	1730	5	1007.3	1006.7	+1.3	30.[illegible]	27.8	26.7	35.4	81	+ 5	3.7	-2.0	4.6	0	0	31	00	0	0	0	0	2	23	6	0	0
	2330	5	1009.2	1008.6	..	27.1	25.5	24.8	31.3	87	..	4.5	..	6.8	0	0	30	05	0	9	0	4	1	8	3	1	0
PALGHAT	0830	97	1009.3	998.4	+0.8	27.3	24.9	23.5	29.5	74	- 7	4.6	-0.5	12.5	0	0	31	01	0	1	0	0	0	28	1	0	0
	1730	97	1005.4	994.6	+0.3	31.7	25.2	22.0	26.6	57	-12	6.3	+0.5	14.7	0	0	31	00	0	0	0	0	1	29	1	0	0
FORT COCHIN	0830	3	1009.6	1009.3	+0.5	29.1	25.9	24.5	30.5	77	- 4	6.5	+0.2	4.8	0	0	27	03	11	3	0	0	0	3	7	4	0
	1730	3	1006.8	1006.5	+0.5	29.[illegible]	26.6	25.3	32.2	77	- 1	6.4	+0.1	12.4	0	1	30	01	0	0	0	0	0	11	19	0	0
COCHIN(NAVAL AIR STATION)	0230	3	1007.8	1007.5	..	26.1	24.9	24.4	30.5	87	..	4.7	..	2.6	0	0	8	02	1	2	0	0	0	1	2	23	0
	0530	3	1007.8	1007.5	..	25.3	24.4	23.9	29.7	91	..	4.5	..	2.8	0	0	12	01	3	5	1	0	0	0	1	19	1
	0830	3	1009.4	1009.1	..	28.3	25.5	24.3	30.4	79	..	4.5	..	3.5	0	0	15	00	3	8	4	0	0	0	0	16	0
	1130	3	1009.4	1009.1	..	30.7	26.2	24.3	30.4	69	..	5.0	..	13.0	0	0	31	03	1	0	0	1	1	7	18	0	0
	1730	3	1006.7	1006.4	..	30.1	26.1	24.3	30.5	71	..	5.0	..	15.9	0	0	31	00	0	0	0	1	2	11	17	0	0
	2330	3	1009.3	1009.0	..	27.1	25.3	24.5	30.7	86	..	5.0	..	5.7	0	0	18	06	0	2	2	0	0	1	7	13	0
ALLEPPEY	0830	4	1009.5	1009.1	+0.9	28.7	25.9	24.7	31.1	79	- 4	4.6	-1.9	5.4	0	0	30	02	12	4	5	0	0	1	6	1	0
	1730	4	1007.1	1006.7	+1.0	30.4	26.6	25.0	31.7	73	- 5	3.9	-2.5	18.5	0	13	18	00	0	0	0	0	0	7	24	0	0
PUNALUR	0830	34	1009.6	1005.8	+1.1	[illegible]	25.4	24.3	30.4	82	- 9	4.7	-0.7	0.5	0	0	1	00	0	0	0	0	0	0	0	1	30	0
	1730	34	1006.2	1002.5	+0.3	[illegible]	26.2	23.7	29.3	61	-16	7.1	+0.9	5.6	0	0	27	00	0	0	0	0	8	14	5	4	0
TRIVANDRUM	0230	64	1007.6	1000.3	..	26.[illegible]	24.5	23.9	29.7	88	..	3.6	..	3.7	0	0	18	04	0	0	0	0	0	0	1	13	0
	0530	64	1007.7	1000.5	..	25.4	24.2	23.6	29.3	90	..	5.1	..	5.7	0	0	25	09	4	0	0	0	0	0	12	6	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – MAY 1968 (VAISKHA 11-JYAISTHA 10,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
KERALA																											
TRIVANDRUM	0830	64	1009.3	1002.0	+0.2	27.9	24.9	23.6	28.9	78	- 6	5.2	-0.2	7.9	0	1	29	16	1	0	0	0	0	1	12	1	0
	1130	64	1008.9	1001.7	..	31.1	25.3	22.6	27.6	61	..	5.5	..	13.7	0	2	29	03	0	0	0	0	0	5	23	0	0
	1430	64	1006.9	999.7	..	31.6	25.6	22.9	27.9	61	..	4.0	..	17.6	0	8	23	00	0	0	0	0	1	9	21	0	0
	1730	64	1006.7	999.5	+0.3	30.1	25.6	23.6	29.3	68	- 9	4.7	-1.3	15.4	0	6	25	00	0	0	0	0	0	10	21	0	0
	2030	64	1008.8	1001.5	..	27.9	25.2	24.0	29.7	79	..	4.0	..	8.6	0	0	31	01	0	0	0	0	0	6	24	0	0
	2330	64	1009.3	1002.0	..	26.9	25.0	24.2	30.0	85	..	3.9	..	7.9	0	0	28	06	1	0	0	0	0	1	20	3	0
TRIVANDRUM AERODROME	0830	8	1009.8	1008.9	+1.1	28.8	25.1	23.4	28.9	73	- 9	5.3	-0.6	20.0	0	19	11	26	0	0	0	0	0	2	2	1	0
ARABIAN SEA ISLANDS																											
AMINI	0530	4	1007.4	1007.0	..	28.0	24.5	22.9	27.9	74	..	3.0	..	17.8	0	15	16	02	0	0	0	0	0	6	23	0	0
	0830	4	1009.3	1008.8	+0.3	29.4	25.1	23.1	28.3	69	- 6	3.3	-1.6	16.0	0	9	22	07	0	0	0	0	0	5	19	0	0
	1130	4	1009.4	1009.0	..	31.3	25.7	23.2	28.4	62	..	3.5	..	16.5	0	8	23	07	0	0	0	0	1	4	19	0	0
	1730	4	1006.8	1006.4	..	30.6	25.7	23.4	28.9	66	..	4.2	..	22.6	0	20	11	05	0	0	0	0	0	4	22	0	0
	2330	4	1008.9	1008.5	..	28.6	25.0	23.3	28.8	73	..	2.7	..	20.0	0	18	13	04	0	0	0	0	0	2	25	0	0
AGATTI	0830	4	1009.7	1009.2	..	28.7	25.5	24.1	30.0	76	..	3.9	..	7.7	0	0	31	04	0	0	0	0	0	3	24	0	0
	1730	4	1007.9	1007.4	..	30.1	25.7	23.8	29.7	69	..	4.7	..	11.2	0	2	29	04	1	0	0	0	0	3	22	0	1
ANDROTH	0830	5	1010.1	1009.6	..	29.1	25.5	24.0	29.7	74	..	5.1	..	3.0	0	0	26	00	1	0	0	0	0	1	19	5	5
	1730	5	1005.6	1005.1	..	30.5	26.1	24.2	30.4	69	..	5.6	..	4.1	0	0	28	08	0	0	0	0	0	5	9	3	6
MINICOY	0530	2	1008.2	1008.0	..	27.5	24.5	23.1	28.3	77	..	3.7	..	5.4	0	1	20	01	0	0	0	0	0	1	19	10	0
	0830	2	1010.1	1009.9	+0.7	29.0	25.4	23.7	29.5	72	- 5	4.7	-0.8	5.2	0	0	27	02	0	0	0	0	0	4	21	4	0
	1130	2	1010.3	1010.1	..	30.9	26.0	23.8	29.7	66	..	4.9	..	8.0	0	1	30	04	0	0	0	0	0	3	24	0	0
	1430	2	1008.6	1008.4	..	31.0	25.9	23.7	29.3	65	..	4.8	..	8.7	0	1	30	04	0	0	0	0	0	3	24	0	0
	1730	2	1007.9	1007.7	+1.0	30.0	25.5	23.4	28.9	68	- 9	5.3	-0.7	7.3	0	0	30	05	0	0	0	0	0	1	24	1	0
	2030	2	1009.3	1009.1	..	28.6	25.0	23.3	28.8	73	..	3.5	..	8.1	0	2	27	01	1	0	0	0	0	5	22	2	0
	2330	2	1009.9	1009.7	..	28.3	24.8	23.2	28.3	74	..	3.9	..	9.6	0	2	28	03	0	0	0	0	0	8	19	1	0
HILL STATIONS(EXCLUDING KASHMIR)																											
DALHOUSIE	0830	1959	1423.2	978.9	+1.4	17.6	13.1	9.4	11.8	63	+ 4	0.0	-1.7	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	1959	1413.1	798.4	+1.1	20.4	14.4	10.2	12.4	57	+ 3	0.0	-2.2	..	.	..	..	..	..	..	..	..	..	..	..	..	..
DHARMASALA	0830	1211	1495.4	878.4	-0.8	25.3	15.5	7.5	10.4	34	- 3	4.0	+1.8	0.8	0	0	23	00	12	5	2	2	1	1	0	8	0
	1730	1211	1464.1	873.8	-4.1	27.7	16.5	7.0	10.0	28	- 3	4.6	+1.8	1.3	0	0	30	00	1	1	1	1	24	1	1	1	0
BHUNTAR	0830	1096	1478.3	889.1	..	17.7	13.1	9.2	11.6	58	..	2.5	..	3.0	0	1	22	09	5	6	0	0	0	0	3	8	0
	1130	1096	1470.7	887.3	..	25.1	15.5	7.8	10.8	34	..	3.5	..	5.6	0	1	27	05	4	3	3	9	1	0	3	3	0
	1730	1096	1457.3	885.8	..	26.1	15.7	7.2	10.1	34	..	5.1	..	11.8	0	8	19	03	0	1	2	6	2	1	12	4	0
SIMLA	0830	2202	1456.7	780.1	-0.4	18.8	9.9	0.4	6.3	31	- 3	1.9	-0.1	1.5	0	0	23	00	3	0	11	0	7	0	2	8	0
	1730	2202	1443.3	779.2	-0.2	20.3	10.8	1.3	6.7	30	- 5	3.4	+0.2	1.9	0	0	30	00	3	0	9	1	8	1	8	1	0
GHANGARIA (KANJALIA TOK)	0830		(R)																								
BADRINATH	0830		(R)																								
JOSHIMATH	0830		..	..	..	18.6	11.6	4.9	8.7	43	+ 3	1.3	-0.5	6.7	0	0	31	00	6	17	6	1	1	0	0	0	0
	1730		..	..	..	21.6	13.5	6.2	9.5	40	+ 5	5.5	+0.3	6.3	0	2	29	02	3	6	6	2	4	3	5	0	0
MUSSOORIE	0830	2042	1448.5	794.0	-2.1	19.8	11.5	3.9	8.1	36	-10	1.0	-1.1	1.2	0	0	12	03	2	0	2	3	1	0	1	19	0
	1730	2042	1432.6	792.8	-2.1	21.5	12.0	3.5	7.9	32	-11	3.1	-0.6	3.4	0	0	27	03	1	0	4	11	6	0	2	4	0
MUKTESWAR(KUMAON)	0830	2311	3130.4	771.3	-0.1	17.4	9.2	0.2	6.2	33	-10	0.7	-1.0	5.5	0	0	25	00	1	2	1	1	1	11	8	6	0
	1730	2311	3127.0	770.0	+0.7	21.2	11.3	1.3	6.7	28	-15	1.8	-1.1	13.2	0	3	28	00	0	1	0	0	3	17	10	0	0
NAINITAL	0830	1953	1443.9	803.1	+0.5	20.6	12.2	5.0	8.7	35	- 8	1.0	-0.8	6.6	0	0	28	03	6	5	4	0	0	5	5	3	0
	1730	1953	1431.3	801.1	+0.2	21.3	13.1	6.0	9.3	37	- 4	1.1	-0.7	9.1	0	0	31	05	1	4	2	2	1	14	2	0	0
KALIMPONG	0830	1209	1477.0	876.9	+0.2	21.1	18.2	16.5	18.8	75	- 7	3.2	-0.6	6.2	0	0	31	00	4	0	8	0	0	0	19	0	0
	1730	1209	1445.8	873.7	-0.2	21.8	18.7	16.9	19.3	74	- 9	2.8	-1.4	6.1	0	0	31	00	0	0	29	0	0	0	2	0	0
DARJEELING	0830	2128	1477.2	788.5	-1.2	17.6	15.3	13.9	15.9	80	- 2	5.9	+0.0	0.2	0	0	2	00	0	0	0	0	2	0	0	29	0
	1730	2128	1457.1	786.5	-0.7	16.4	15.4	14.8	16.8	91	+10	6.7	+0.3	3.2	0	0	20	00	0	0	0	0	20	0	0	11	0
KOHIMA	0830	1406	(R)																								
	1730	1406	(R)																								
SHILLONG(C.S.O.)	0830	1598	1467.6	837.5	+0.7	20.2	16.7	14.[illegible]	16.7	72	+ 4	4.9	-0.6	7.7	0	2	28	00	1	1	1	1	10	11	5	1	0
	1730	1598	1440.9	834.9	+1.1	19.9	17.0	15.4	17.5	76	+ 1	4.2	-1.5	5.9	0	1	24	00	1	1	0	3	13	4	3	6	0
CHERRAPUNJI	0830	1313	1525.0	871.4	+4.7	19.1	18.0	17.3	19.7	90	+ 6	5.8	+0.8	5.9	0	0	31	00	6	0	0	0	25	0	0	0	0
	1730	1313	1511.9	870.0	+6.1	19.5	17.8	16.8	19.1	85	- 3	4.8	-0.4	6.1	0	0	31	00	6	0	0	0	25	0	0	0	0
ABU	0830	1195	1507.7	881.1	+2.6	24.9	15.0	5.6	9.1	31	- 5	0.1	-0.6	1.7	0	0	16	00	0	0	0	0	5	8	3	15	0
	1730	1195	1478.3	877.6	+0.7	29.4	17.2	6.4	9.6	26	- 4	0.0	-1.1	4.1	0	0	26	00	0	0	0	0	9	11	6	5	0
AIJAL	0830		..	..	..	22.3	20.3	19.4	22.5	86	+ 6	2.9	-1.3	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	23.0	20.2	18.7	21.6	80	+ 1	3.6	-0.3	..	.	..	..	..	..	..	..	..	..	..	..	..	..
PACHMARHI	0830	1075	1494.7	891.5	+0.4	27.9	16.5	7.2	10.5	28	- 5	0.7	-2.3	4.4	0	0	29	08	2	0	0	0	0	0	3	16	2	0
	1730	1075	1478.0	888.7	+0.6	33.5	17.6	4.4	8.5	17	- 6	1.8	-2.3	3.9	0	0	30	00	0	0	0	0	0	5	25	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MAY 1968 (VAISKHA 11-JYAISTHA 10,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mb. At mean sea level or ht. in gpm. of mean standard isobaric level	Mean pressure in mb. At station level	Mean pressure in mb. Departure from normal	Mean temperature in °C Dry bulb	Mean temperature in °C Wet bulb	Mean temperature in °C Dew point	Vapour pressure in mb.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	28 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HILL STATION (EXCLUDING KASHMIR)																											
MAHABALESHWAR	0830	1382	1503.8	862.2	+0.4	22.7	14.9	8.3	10.9	41	-18	1.0	-2.4	11.4	0	0	30	01	11	0	0	0	1	0	17	0	0
	1730	1382	1490.3	860.7	+0.9	26.8	20.5	17.1	19.5	56	-11	0.9	-2.3	10.8	0	0	31	00	0	0	0	0	0	0	31	0	0
MERCARA	0830	1152	1504.2	885.5	+0.9	21.2	19.0	17.7	20.4	81	- 7	4.4	-0.3	9.0	0	0	30	08	3	0	0	0	0	0	13	1	6
	1730	1152	1480.9	883.1	+0.5	24.7	21.2	19.4	22.5	73	- 7	5.3	+0.3	11.3	0	0	31	03	4	0	0	0	0	1	22	0	1
OOTACAMUND	0830	2249	1505.1	779.8	+0.6	15.5	12.6	10.0	12.7	71	- 5	1.8	-2.3	0.5	0	0	6	00	3	3	0	0	0	0	0	25	0
	1730	2249	1477.2	777.9	+0.4	18.2	14.8	12.5	14.7	70	- 5	4.5	-1.1	0.1	0	0	1	01	0	0	0	0	0	0	0	30	0
COONOOR	0830		..	..	..	22.0	16.0	12.0	13.8	54	- 8	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
KODAIKANAL	0830	2343	3160.2	771.4	+0.4	16.8	12.4	8.9	11.5	62	- 5	3.8	-0.5	8.8	0	1	29	07	12	1	5	0	0	0	5	1	0
	1130	2343	3170.0	771.6	..	19.5	14.0	10.0	12.4	55	..	4.6	..	10.3	0	0	30	06	9	5	6	2	0	0	2	1	0
	1730	2343	3143.0	769.9	+0.6	16.5	13.9	12.2	14.2	77	- 5	6.2	-0..	6.1	0	0	24	04	2	0	9	5	0	0	4	7	0
NEPAL																											
KATMANDU	0830	1324	1462.0	863.8	-1.9	21.1	16.2	12.6	15.0	60	- 3	1.2	-1.8	1.0	0	0	15	06	0	2	0	6	0	1	0	16	0
	1130	1324	1456.7	863.0	..	28.2	17.8	9.9	12.9	35	..	2.1	..	2.5	0	0	26	10	0	2	1	5	0	7	1	5	0
	1730	1324	1435.9	861.1	-1.7	24.7	17.4	12.1	14.7	50	- 5	5.1	+0.7	5.0	0	0	27	05	1	0	0	1	1	10	9	4	0
SIKKIM																											
LACHEN	0830		..	..	..	11.9	9.1	6.6	9.7	71	- 5	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
HYDROMETEOROLOGICAL OBSERVATORIES	1730		..	..	..	11.2	9.5	8.1	10.8	84	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
DAMODAR CATCHMENT																											
TILAIYA	0830		..	..	..	33.8	21.7	14.1	16.1	31	..	0.3	..	6.1	0	0	19	00	0	1	3	1	2	9	3	1	0
	1730		..	..	..	37.0	21.6	11.1	13.2	21	..	0.9	..	8.0	0	0	18	01	0	3	1	0	0	5	8	1	0
HAZARIBAGH	0830	615	1001.9	936.0	..	32.0	21.6	16.0	18.2	38	..	0.9	..	7.5	0	0	29	01	0	2	1	1	8	9	7	2	0
	1730	615	997.5	932.5	..	34.8	21.1	13.0	15.0	27	..	1.3	..	8.5	0	0	28	00	0	0	1	0	1	11	15	3	0
KONAR	0830		(R)																								
	1730		(R)																								
BOKARO	0830	242	1001.4	975.0	..	33.3	22.8	16.9	19.3	38	..	1.2	..	4.6	0	0	30	00	0	2	2	3	9	10	4	1	0
	1730	242	996.6	970.8	..	38.8	23.7	14.9	16.9	25	..	1.4	..	5.4	0	0	31	00	0	3	3	0	9	11	5	0	0
MAITHON	0830		..	..	..	36.5	22.7	14.3	16.3	27	..	1.3	..	2.3	0	0	30	00	2	0	11	1	15	0	1	1	0
	1730		..	..	..	38.4	22.9	13.3	15.6	23	..	2.5	..	2.7	0	0	31	00	4	0	14	0	12	0	1	0	0
RAMGARH	0830		..	..	..	34.3	21.5	13.2	15.2	28	..	0.4	..	6.2	0	0	30	01	0	7	1	1	1	15	1	1	3
	1730		..	..	..	38.3	21.6	9.8	12.1	18	..	1.8	..	6.6	0	0	31	04	0	3	0	0	2	14	4	0	4
PANCHET HILLS	0830		..	..	..	33.5	24.5	19.8	23.1	46	..	1.0	..	1.6	0	0	17	00	1	0	3	0	10	0	3	14	0
	1730		..	..	..	37.3	22.5	13.2	15.2	24	..	2.9	..	0.8	0	0	8	00	2	0	3	0	1	0	2	23	0
DURGAPUR	0830		..	..	..	42.2	24.8	21.2	25.2	52	..	0.3	..	18.2	0	13	18	04	0	0	1	16	5	1	4	0	0
	1730		..	..	..	37.4	26.3	21.1	25.0	39	..	1.5	..	14.7	0	9	20	04	0	2	0	12	2	2	7	2	0
MAHANADI CATCHMENT																											
GINABAHAR	0830		..	..	..	33.0	20.6	12.1	15.2	31	..	0.6	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
HIRAKUD	0830	159	1003.4	986.0	..	33.6	23.3	17.6	20.1	39	..	1.1	..	1.9	0	0	13	01	0	1	1	2	7	0	0	18	1
	1130	159	1002.3	985.2	..	38.8	23.5	14.5	16.5	24	..	0.8	..	2.4	0	0	20	03	0	0	3	3	6	3	1	11	1
	1730	159	998.6	981.6	..	40.1	23.1	12.3	14.3	20	..	1.6	..	1.1	0	0	9	00	0	0	0	2	6	0	0	22	1
BHIMKUND	0830		..	..	..	30.1	24.6	21.7	25.9	62	..	3.2	..	1.5	0	0	11	00	2	0	3	0	6	0	0	20	0
	1730		..	..	..	34.8	23.4	16.2	18.4	37	..	4.5	..	1.9	0	0	16	00	3	0	8	0	5	0	0	15	0
SONEPUR	0830		..	..	..	32.9	26.1	23.1	28.3	57	..	.	..	4.4	0	1	28	00	0	15	0	0	0	14	0	2	0
KHIJRAWAN	0830		..	..	..	33.3	22.0	14.5	17.1	34	..	0.9	..	11.2	0	5	26	01	3	4	2	0	10	7	4	0	0
	1730		..	..	..	38.7	21.8	8.5	12.3	19	..	1.6	..	10.6	0	3	28	05	6	1	0	0	4	8	7	0	0
NARMADA CATCHMENT																											
BAGRA TAWA	0830		..	..	..	33.1	19.3	8.0	11.2	22	..	0.2	..	11.4	0	0	30	02	2	0	0	2	13	10	1	1	0
	1730		..	..	..	37.8	20.4	3.4	8.2	11	..	1.1	..	11.2	0	1	29	03	2	0	0	5	5	11	4	1	0
PUNASA	0830		..	..	..	32.3	21.8	15.1	17.6	37	..	.	..	5.0	0	0	31	00	2	0	0	0	29	0	0	0	0
	1730		..	..	..	39.3	23.2	12.8	15.3	23	..	.	..	4.1	0	0	31	00	1	0	0	0	30	0	0	0	0
THIKRI	0830		..	..	..	34.9	26.2	22.2	26.9	48	..	0.9	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
SABARMATI CATCHMENT																											
DAROI	0830		..	..	..	27.6	21.2	16.7	19.0	55	..	.	..	..	.	..	..	00	0	0	0	0	0	0	0	0	0
	1730		..	..	..	38.7	22.6	11.4	13.5	21	..	.	..	..	.	..	..	00	0	0	0	0	0	0	0	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – MAY 1968 (VAISKHA 11-JYAISTHA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lit. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Cloud Amount (Oktas) Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
GANDAK CATCHMENT																											
JAMUSOM	0830		..	..	..	16.7	10.8	6.2	9.8	51	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	16.7	10.2	4.8	8.8	47	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
KHUDI BAZAR	0830		..	..	..	24.8	17.9	13.3	15.5	50	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	24.8	18.3	15.9	16.5	56	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TIMURE	0830		..	..	..	22.2	13.3	6.2	9.7	36	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	23.6	14.8	7.9	11.3	40	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
POKHARA	0830		..	..	..	25.2	18.4	14.5	17.1	50	..	0.9	..	2.4	0	0	21	00	0	2	4	8	5	1	1	10	0
	1130		..	..	..	29.0	19.6	13.4	16.1	41	..	1.7	..	3.7	0	0	31	00	0	7	13	7	4	0	0	0	0
	1730		..	..	..	26.7	18.9	14.0	16.3	53	..	4.6	..	5.2	0	0	27	06	2	3	7	3	1	1	3	4	1
GURKHA	0830		..	..	..	23.6	17.5	13.0	15.9	57	..	1.3	..	..	.	..	..	00	3	0	11	11	1	0	5	0	0
	1130		..	..	..	27.8	19.2	13.1	16.1	45	..	2.1	..	..	.	..	..	00	6	0	8	6	10	0	1	0	0
	1730		..	..	..	26.7	18.3	11.7	15.2	47	..	4.7	..	..	.	..	..	02	5	0	5	6	1	0	9	3	0
MUWAKOT	0830		..	..	..	25.8	17.8	11.7	14.7	45	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	27.1	18.0	10.7	14.3	42	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GHAGHARA CATCHMENT(TRANS HIMALAYAN REGION)																											
DAILEKH	0830		..	..	..	24.3	14.9	6.8	10.2	35	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	28.3	16.0	5.6	9.3	25	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GHAGHARA CATCHMENT																											
SALLYANA	0830		..	..	..	26.2	15.9	7.3	10.8	32	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	26.4	15.3	5.1	9.5	29	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BUTWAL	0830		..	..	..	31.9	21.3	13.5	16.9	36	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	37.2	21.4	9.8	13.7	24	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BAGHMATI CATCHMENT																											
KATMANDU	SEE UNDER NEPAL																										
KOSI CATCHMENT																											
CHAUTARA	0830		..	..	..	21.1	16.8	13.7	16.7	68	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	25.5	16.3	9.4	12.7	42	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
WALUNGCHUNG GOLA	0830		..	..	..	11.1	7.[illegible]	4.5	8.6	65	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	9.6	7.8	6.3	9.6	81	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TAPLETHUK	0830		..	..	..	21.6	17.2	14.2	16.4	64	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	21.0	16.8	13.8	16.1	67	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BHOJPUR	0830		..	..	..	21.2	16.4	[illegible].0	15.7	64	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	20.5	15.8	12.4	15.1	64	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TAPLEJUNG	0830		..	..	..	19.4	15.7	13.4	15.5	70	..	4.1	..	1.4	0	0	16	02	1	1	1	0	0	4	7	15	0
	1130		..	..	..	22.1	16.9	13.5	16.1	61	..	5.1	..	5.0	0	0	26	03	3	1	2	4	4	2	[illegible]	5	3
	1730		..	..	..	19.0	15.7	13.5	15.8	74	..	6.6	..	7.2	0	1	22	02	6	2	4	7	0	0	0	8	2
DKHALDHUNGA	0830		..	..	..	20.6	15.4	11.7	14.2	60	..	1.7	..	0.4	0	0	3	00	0	0	0	1	1	0	1	28	0
	1130		..	..	..	23.6	15.7	9.9	13.0	45	..	1.6	..	4.2	0	1	11	00	1	0	0	1	3	7	0	13	0
	1730		..	..	..	20.2	15.2	11.5	14.1	61	..	3.7	..	8.0	0	5	17	00	0	1	1	2	3	13	2	9	0
CHAINPUR	0830		..	..	..	22.8	18.6	16.2	18.5	67	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	23.3	18.8	16.2	18.7	65	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BARAHAKSHETRA	0830	146	1003.8	987.6	..	29.3	22.6	18.6	21.9	55	..	1.7	..	1.9	0	0	22	00	3	1	3	3	7	3	2	9	0
	1130	146	1002.6	986.6	..	32.7	24.6	20.3	24.1	49	..	2.1	..	4.3	0	0	30	00	0	0	0	0	10	20	0	1	0
	1730	146	999.4	983.4	..	32.6	23.7	18.4	22.2	47	..	2.6	..	1.8	0	0	17	00	0	0	1	1	7	7	1	14	0
TISTA CATCHMENT																											
GANGTUK	0830	1812	1465.4	816.6	..	17.2	15.2	14.0	16.0	82	..	5.1	..	1.5	0	0	17	06	5	0	0	2	1	1	2	14	0
	1130	1812	1459.0	816.4	..	20.8	17.4	15.5	17.6	73	..	5.7	..	5.6	0	0	29	01	1	1	0	12	14	0	0	2	0
	1730	1812	1437.4	814.1	..	18.4	16.4	15.4	17.5	83	..	7.2	..	3.5	0	1	17	02	5	0	3	4	3	0	0	13	1
GEZING	0830		(R)																								
	1730		(R)																								

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GOVERNMENT OF INDIA

मौसम विज्ञान विभाग

METEOROLOGICAL DEPARTMENT

भारतीय मौसम पुनरीक्षण

INDIA WEATHER REVIEW

1968

मासिक मौसम रिपोर्ट

MONTHLY WEATHER REPORT

जून

JUNE

भारत सरकार के प्राधिकार द्वारा वेधशालाओं के महानिदेशक के निदेशाधीन प्रकाशित
Published by the Authority of the Government of India Under the Direction of the Director General of Observatories

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INDIA WEATHER REVIEW, 1968

Monthly Weather Report

JUNE

MONTHLY WEATHER REPORT

FOR

JUNE 1968

C O N T E N T S

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MEANINGS OF SYMBOLS AND ABBREVIATIONS IN TABLES II AND III

Symbol/Abbreviation	Meaning
(a)	Mean/total for 30 days
(b)	Mean/total for 29 days
(c)	Mean/total for 28 days
(d)	Mean/total for 27 days
(e)	Mean/total for 26 days
(f)	Mean/total for 25 days
(g)	Mean/total for 24 days
(h)	Mean/total for 23 days
(i)	Mean/total for 22 days
(j)	Mean/total for 21 days
(k)	Mean/total for 20 days
(l)	Mean/total for 19 days
(m)	Mean/total for 18 days
(n)	Mean/total for 17 days
(o)	Mean/total for 16 days
(p)	Mean/total for 15 days
(q)	Mean/total for 14 days
*	Closed during winter months
(R)	Register not received, hence data not available
=#=	Data for less than 15 days, hence no means published
ds	Days
●	Data rejected
D.N	Data not available
E	Estimated

INDIA WEATHER REVIEW, 1968

Monthly Weather Report

JUNE

Published by the Authority of Government of India

Chief features :-

1) Advance of the southwest monsoon into the country outside northwest India, being behind the normal date by about a week except over Bihar State and Uttar Pradesh;

2) Formation of a depression over the head Bay of Bengal;

3) Generally good monsoon activity along west coast and over northeast India; and

4) Heavy rains leading to serious floods in Assam.

An upper air cyclonic circulation which developed over east Uttar Pradesh on 31st May moved westnorthwestwards and persisted over west Uttar Pradesh, Haryana and Punjab till 12th June. In association with it, there was good precipitation over the Western Himalayas and the adjoining plains. Simla recorded 7 cm of rain on 4th. Another upper air cyclonic circulation which had also formed over Orissa and southeast Madhya Pradesh at the end of May shifted slightly westwards and persisted over east Madhya Pradesh and adjoining areas during the first week of June. As a result, the heavy thundershower activity of the previous two weeks over Assam decreased; but the activity extended to the other parts of northeast India, east Uttar Pradesh, east Madhya Pradesh and adjoining Andhra Pradesh. Calcutta and Sriniketan recorded 8 cm of rain each on 1st, Malda 7 cm on 3rd, Dhanbad 8 cm on 4th and Purulia 9 cm on 7th. Over the Peninsula, there was fairly good premonsoon thundershower activity during the first week. Mangalore recorded 8 cm of rain on 1st.

The southwest monsoon which had remained weak over the Andaman Sea and the southern parts of the Bay of Bengal since 12yh May strengthened towards the end of the month. It also extended into the remaining parts of the south Bay and into east Central Bay by the end of the first week of June and into Assam by 9th, about a week later than the normal date. Some of the heavy rainfalls recorded in the Bay Islands and northeast India were : Car Nicobar 9 cm and Nancowry and Port Blair 7 cm each on 4th, Arrah 8 cm and Sagar Island 7 cm on 9th, Chaparmukh 17 cm, Golaghat 8 cm and Sibsagar 7 cm on 10th and Maya Bandar 10 cm, Port Blair and Sagar Island 7 cm each on 11th.

The southwest monsoon which advanced into the Comorin and Maldive areas by the end of May did not extend northwards for the next one week. It set in over Kerala on 8th, about a week later than the normal date. A feeble trough of low pressure developed over the extreme east central Arabian Sea off the Mysore coast on 8th. It persisted there for the next three days. Later it began to move slowly northwards and also became well marked. The trough was lying off the Gujarat coast by the middle of the month. Later it moved away westwards. Under its influence, the monsoon advanced steadily northwards and covered the Peninsula by the middle of the month. It also extended into Gujarat State as a feeble current in the course of the next four days. Some of the heavy rainfalls recorded during this spell were : Alleppey 9 cm on 10th, Calicut 15 cm, Fort Cochin 10 cm and Androth 9 cm on 11th, Karwar 19 cm, Dabolim (Goa) 17 cm, Panjim (Goa) 10 cm and Mangalore 9 cm on 12th. Honavar and Devgarh 14 cm each on 13th, Honavar 10 cm on 15th and Devgarh 10 cm and Karwar 9 cm on 16th. The monsoon activity was well maintained along the west coast during the second fortnight. Some of the noteworthy rainfall amouhts recorded were : Bhira 21 cm and Khandala 15 cm on 22, Ratnagiri 19 cm, Mangalore AP 13 cm and Mangalore 12 cm on 23rd, Mangalore 11 cm on 24th and Harnai 11 cm on 27th.

A low pressure area developed over the head Bay of Bengal on 11th and intensified into a depression by the next morning with centre about 200 kms southeast of Calcutta. Moving slowly in a northerly direction it crossed the west Bengal - East Pakistan coast by the morning of 13th. Continuing to move northwards it lay centred near Faridpur on 14th morning. Later it took a northwesterly course and weakened into a low pressure area by 15th morning over Bihar State and adjoining West Bengal. It persisted there till 17th. Thereafter it shifted eastwards and moved away across north Assam by 20th. Under its influence, the monsoon extended into West Bengal, Bihar State and Orissa in the course of the second week. The monsoon also advanced into east Madhya Pradesh and eastern parts of Uttar Pradesh by 20th. Some of the heavy rainfalls recorded were Balurghat 10 cm on 16th, Dhanbad 15 cm, Asansol 13 cm and Dum Dum 10 cm on 17th, Haflong 56 cm

Goalpara 22 cm, Dhubri 16 cm and Tangla 11 cm on 19th, Agartala 18 cm, Silchar 15 cm, Rangiya 13 cm and Tangla 11 cm on 20th and Majbat 16 cm and Pasighat 11 cm on 21st. According to press reports, the continuous heavy rains in Assam during the third week led to serious floods there causing severe damage to standing crops and disrupting traffic. About one million people were hit by the floods and a few people lost their lives. Although the floods showed signs of abatement at the beginning of the last week, another spell of floods followed immediately due to the increased activity of the monsoon there.

The seasonal trough of low pressure which had remained north of its normal position during the third week shifted southwards on 22nd and extended into the north Bay of Bengal. A low pressure area developed over the northwest Bay on 24th. It became well marked the next day and moving westnorthwestwards it persisted over northeast Madhya Pradesh and adjoining Orissa and Bihar Plateau till 28th. Later it shifted to Bihar State and persisted there till the end of the month. Under its influence, there was good monsoon activity over most parts of northeast India and in east Madhya Pradesh. The monsoon also advanced into west Madhya Pradesh and into the central parts of Uttar Pradesh at the beginning of the last week. Some of the heavy rainfalls recorded were : Jamui 10 cm on 24th, Sandheads 11 cm on 25th, Sibsagar 23 cm, North Lakhimpur 12 cm and Tezpur 11 cm on 26th, Cooch Behar 20 cm and Sibsagaf 18 cm on 27th and Pasighat 15 cm on 27th, 16 cm on 28th and 10 cm on 29th. According to press reports, all the rivers in Assam rose in spate again towards the end of the month. According to a report published by the C.W. & P.C. in their Flood News Letter, the preliminary assessment of flood damage by the Assam Govt showed that an area of 5,18,000 hectors had been affected by floods and a cropped area of 80,940 hectors was damaged.

The seasonal low over West Pakistan and adjoining northwest India was well marked during the second fortnight and there was good dust-storm or thunderstorm activity over the plains of northwest India. According to newspaper reports, Delhi was enveloped in a blanket of dust disrupting air traffic on 17th and 18th. The Western Himalayas received fairly good rainfall during the last week. The monsoon also advanced into the western parts of Uttar Pradesh by the end of the month.

Day temperatures remained generally above normal over the central parts of the country and north Peninsula during the month, being appreciably to markedly so on a number of days. They were also above normal over northwest India and Gujarat State during the first and last ten days of the month. Day temperatures over northeast India were mostly below normal, being appreciably to markedly so in many parts. They were also below normal over Uttar Pradesh during the second week and over east Madhya Pradesh, Vidarbha and adjoining Andhra Pradesh on many days during the last week.

The rainfall was in large excess in Gangetic West Bengal, Bihar Plains and Himachal Pradesh, in moderate excess in Bihar Plateau, Haryana and Punjab, in slight excess in the Bay Islands and North Assam. It was in slight defect in Sub-Himalayan West Bengal, Orissa, east Uttar Pradesh and Rayalaseema, in moderate defect in Jammu and Kashmir, Konkan, Madhya Maharashtra, Marathwada, Vidarbha and Telangana and in large defect in Rajasthan, west Madhya Pradesh, Gujarat, Saurashtra Kutch and Coastal Andhra Pradesh and normal over the rest of the country.

The mean maximum temperature was above normal in Jammu and Kashmir, East Rajasthan, west Madhya Pradesh, Gujarat, Marathwada, Vidarbha, Coastal Andhra Pradesh and Telangana and below normal in Gangetic West Bengal, Bihar, East Uttar Pradesh, Himachal Pradesh and west Rajasthan. It was normal over the rest of the country.

The mean minimum temperature was below normal in Gangetic West Bengal, Orissa, Bihar Plateau, Bihar Plains and East Uttar Pradesh. It was normal over the rest of the country.

The mean Relative Humidity in the morning was above normal in Bihar, Uttar Pradesh, Haryana, Punjab and Himachal Pradesh, below normal in Jammu and Kashmir, west Madhya Pradesh and Marathwada. It was normal over the rest of the country.

The mean Relative Humidity in the evening was above normal in Bihar, Uttar Pradesh, Haryana and Himachal Pradesh, below normal in East Rajasthan, West Madhya Pradesh, Gujarat and Marathwada. It was normal over the rest of the country.

The mean cloud amount in the morning was above normal in Uttar Pradesh and Himachal Pradesh, below normal in Haryana, Punjab, Jammu and Kashmir, Rajasthan and Saurashtra Kutch. It was normal over the rest of the country.

The mean cloud amount in the evening was above normal in Bihar Plains and East Uttar Pradesh, below normal in Punjab, Himachal Pradesh, Jammu and Kashmir, Rajasthan, Gujarat and Saurashtra Kutch. It was normal over the rest of the country.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 17 chief political divisions and the 33 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. IST of the date noted in the succeeding column; similarly the heaviest rainfall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. IST of the date given in the succeeding column.

Poona;
5th August 1968.

R. ANANTHAKRISHNAN
for Director General of Observatories

sg/

TABLE I - DIVISIONAL AND SUB-DIVISIONAL MEANS - JUNE ,1968 (JYAISTHA 11 - ASADHA 9,1890 SAKA)

DIVISION	Rainfall (millimetres)	Percentage of normal	Mean maximum temperature °C	Mean minimum temperature °C	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud Amount (Oktas) 0830 hrs IST.	Cloud Amount (Oktas) 1730 hrs. IST.
1	2	3	4	5	6	7	8	9
1.ASSAM(INCLUDING.	515.3	108	30.9	23.7	86	81	6.7	6.2
NEFA,N.L.ETC) .	+ 39.3		-0.3	-0.3	+ 1	+ 1	0.0	+0.3
2.WEST BENGAL .	435.7	132	32.0	24.7	84	79	6.6	6.2
.	+106.1		-1.7	-1.2	+ 4	+ 3	+0.7	+0.3
3.ORISSA .	180.0	88	34.6	25.0	78	70	5.9	6.1
.	- 24.0		-0.4	-1.4	+ 4	+ 2	+0.3	+0.1
4.BIHAR .	326.3	174	33.3	24.2	80	72	6.0	6.1
.	+139.2		-2.6	-2.2	+ 9	+11	+0.8	+0.7
5.UTTAR PRADESH .	90.0	86	36.9	26.1	67	54	4.2	3.9
.	- 14.5		-1.4	-0.9	+ 7	+10	+0.8	+0.6
6.HARYANA(INCLU. .	75.5	132	39.2	27.2	62	39	1.6	1.7
DELHI CHANDIGARH).	+ 18.2		-1.0	-0.1	+12	+ 7	-0.4	-0.2
7.PUNJAB .	58.0	135	40.9	26.4	54	31	1.0	1.2
.	+ 15.0		0.0	-0.1	+ 6	0	-0.9	-0.5
8.HIMACHAL .	181.7	212	35.6	22.8	69	49	3.1	1.8
PRADESH .	+ 96.0		-1.8	+0.6	+14	+11	+0.6	-1.5
9.JAMMU AND .	30.8	63	29.5	13.9	47	35	1.4	2.6
KASHMIR .	- 18.2		+1.9	0.0	- 8	0	-1.2	-1.1
10.RAJASTHAN .	6.7	17	40.2	28.8	53	29	1.4	1.8
.	- 31.6		+0.2	+0.5	- 3	- 7	-0.8	-1.1
11.MADHYA PRADESH .	93.0	66	38.6	26.0	59	40	4.3	4.8
.	- 47.2		+1.3	-0.3	- 3	- 7	-0.2	-0.5
12.GUJARAT STATE .	14.7	17	36.8	26.9	76	54	3.9	2.6
(INCLU.DIU ETC).	- 69.4		+1.0	-0.2	- 1	- 4	-0.8	-1.4
13.MAHARASHTRA .	185.4	65	35.2	24.8	73	56	5.1	5.3
STATE(INCL.GOA).	-101.7		+1.0	-0.1	- 2	- 3	-0.2	-0.4
14.ANDHRA PRADESH .	55.3	52	37.3	26.5	68	50	5.5	5.8
.	- 51.8		+1.3	+0.1	0	- 3	-0.2	-0.2
15.MADRAS STATE .	35.1	91	35.9	25.4	66	57	5.1	6.1
(INCL.PONDICH.).	- 3.3		+0.8	-0.4	+ 1	0	-0.2	+0.2
16.MYSORE .	298.0	99	30.9	21.9	82	64	6.4	6.5
.	- 2.8		+0.6	-0.1	0	- 3	+0.1	0.0
17.KERALA .	611.5	108	29.9	23.3	89	82	6.9	7.2
.	+ 43.1		+0.4	-0.4	0	0	+0.2	+0.3
SUB - DIVISION								
SUB-DIVISION								
1.BAY ISLANDS .	516.8	113	29.9	23.7	86	87	6.8	6.9
.	+ 58.1		+0.2	-1.0	+ 2	+ 1	+0.5	+0.2
2.NORTH ASSAM .	525.4	117	31.4	23.9	85	80	6.5	6.0
(INCLUDING NEFA) .	+ 78.2		0.0	-0.3	0	0	-0.1	+0.4
3.SOUTH ASSAM .	490.8	90	29.8	23.3	86	83	7.0	6.7
(INCL.N.LAND ETC).	- 55.2		-0.9	-0.3	+ 1	+ 2	+0.2	+0.4
4.SUB-HIMALAYAN .	525.0	88	30.9	23.8	86	79	6.9	6.0
WEST BENGAL .	- 74.8		-0.7	-0.8	+ 2	+ 1	+0.6	+0.4
5.GANGETIC WEST- .	408.2	166	32.4	25.0	83	79	6.5	6.3
BENGAL .	+161.7		-2.0	-1.4	+ 5	+ 4	+0.8	+0.3
6.ORISSA .	180.0	88	34.6	25.0	78	70	5.9	6.1
.	- 24.0		-0.4	-1.4	+ 4	+ 2	+0.3	+0.1
7.BIHAR PLATEAU .	278.7	144	33.2	24.0	77	70	6.3	6.6
.	+ 84.8		-2.7	-2.1	+ 9	+10	+1.0	+0.1
8.BIHAR PLAINS .	355.5	194	33.4	24.4	81	74	5.8	5.7
.	+172.6		-2.4	-2.1	+ 8	+12	+0.7	+1.0
9.UTTAR PRADESH .	93.5	84	36.8	26.5	70	57	4.6	4.3
(EAST) .	- 17.9		-1.8	-1.1	+ 7	+10	+0.8	+0.9
10.UTTAR PRADESH .	84.6	90	37.1	25.4	64	49	3.5	3.0
(WEST) .	- 9.5		-0.9	-0.8	+10	+ 9	+0.8	-0.1
11.HARYANA(INCLU. .	75.5	132	39.2	27.2	62	39	1.6	1.7
DELHI CHANDIGARH).	+ 18.2		-1.0	-0.1	+12	+ 7	-0.4	-0.2
12.PUNJAB .	58.0	135	40.9	26.4	54	31	1.0	1.2
.	+ 15.0		0.0	-0.1	+ 6	0	-0.9	-0.5
13.HIMACHAL .	181.7	212	35.6	22.8	69	49	3.1	1.8
PRADESH .	+ 96.0		-1.8	+0.6	+14	+11	+0.6	-1.5
14.JAMMU AND KASH- .	30.8	63	29.5	13.9	47	35	1.4	2.6
-MIR .	- 18.2		+1.9	0.0	- 8	0	-1.2	-1.1
15.RAJASTHAN(WEST).	0.0	0	38.0	28.7	57	29	1.3	1.3
.	- 24.9		-2.6	+0.4	- 1	- 4	-0.6	-0.8
16.RAJASTHAN(EAST).	12.2	25	41.5	28.9	50	29	1.5	2.2
.	- 37.1		+1.8	+0.7	- 4	- 8	-1.0	-1.3
17.MADHYA PRADESH .	51.6	42	39.4	26.2	56	34	3.8	4.2
(WEST) .	- 71.1		+2.0	0.0	- 7	-11	-0.5	-0.8
SUB-DIVISION								
SUB-DIVISION(CONTD*								
18.MADHYA PRADESH .	148.3	91	37.5	25.6	63	49	4.9	5.7
(EAST) .	- 15.3		+0.4	-0.8	+ 3	0	+0.1	0.0
19.GUJARAT REGION .	15.9	16	38.9	26.6	72	39	4.1	1.9
(INCL.DAMAN ETC).	- 84.5		+1.8	-0.1	- 4	-10	-0.7	-1.7
20.SAURASHTRAKUTCH.	13.9	19	35.5	27.1	80	64	3.7	3.0
(INCLUDING DIU) .	- 59.0		+0.7	-0.3	+ 3	0	-0.9	-1.3
21.KONKAN .	442.9	68	31.3	25.7	83	79	6.0	5.8
(INCLUDING GOA).	-209.5		+0.6	+0.1	- 1	- 1	-0.2	-0.2
22.MADHYA- .	61.1	59	35.2	23.4	75	56	4.5	4.8
-MAHARASHTRA .	- 42.7		+1.0	-0.1	+ 1	+ 1	-0.5	-0.6
23.MARATHWADA .	73.0	50	36.9	23.3	66	40	4.5	5.1
.	- 73.1		+1.5	-0.3	- 8	-10	-0.3	-0.8
24.VIDARBHA .	103.3	60	38.5	25.9	61	43	5.0	5.4
.	- 69.4		+1.2	-0.3	- 5	- 4	0.0	-0.2
25.COASTAL ANDHRA .	45.8	45	37.9	27.5	68	56	5.4	5.4
-PRADESH .	- 55.3		+1.6	+0.2	- 2	- 4	-0.3	-0.5
26.TELANGANA .	71.5	51	37.4	26.3	66	46	5.9	5.7
.	- 68.2		+1.1	+0.1	0	- 2	+0.4	-0.2
27.RAYALASEEMA .	48.6	77	35.8	25.1	69	44	5.1	6.6
.	- 14.8		+1.0	+0.3	+ 2	- 4	-0.8	+0.3
28.MADRAS STATE .	35.1	91	35.9	25.4	66	57	5.1	6.1
(INCL.PONDICH.).	- 3.3		+0.8	-0.4	+ 1	0	-0.2	+0.2
29.COASTAL MYSORE .	974.6	98	29.9	23.4	89	81	7.1	6.8
.	- 18.1		+0.6	-0.6	0	- 4	+0.1	-0.3
30.INTERIOR MYSORE.	113.8	99	33.0	22.5	78	58	6.5	6.8
(NORTH) .	- 1.3		+1.0	+0.2	- 1	- 2	+0.8	+0.7
31.INTERIOR MYSORE.	121.0	103	29.5	20.5	83	59	5.9	5.9
(SOUTH) .	+ 3.7		+0.4	-0.1	+ 2	- 4	-0.5	-0.6
32.KERALA .	611.5	108	29.9	23.3	89	82	6.9	7.2
.	+ 43.1		+0.4	-0.4	0	0	+0.2	+0.3
33.ARABIAN SEA- .	375.3	109	30.3	24.8	81	78	7.0	7.6
ISLANDS .	+ 30.4		+0.2	-0.8	0	- 2	+0.3	+0.5

Note :- The entries in the second line for each division and sub-division indicate departures from normal.

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER – JUNE 1968 (JYAISTHA 11 - ASADHA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
BAY ISLANDS																												
MAYA BANDAR	29.7	+0.3	32.0	17	24.0	-0.4	22.2	21	399.4	752.9	+172.5	124.0	05	21	- 0.4	14.2	10.7	-1.5	0	26	0	4	12	0	0	0	0	0
LONG ISLAND	30.7	+0.4	33.0	02	24.4	-0.3	22.0	21	238.0	498.4	- 21.8	138.6	24	22	+ 2.1	5.8	4.2	+0.8	0	24	0	0	9	0	0	0	0	0
PORT BLAIR	29.9	+0.8	31.9	16	23.8	-0.4	22.2	29	289.9	477.8	- 90.7	71.0	11	19	- 2.2	23.8	17.6	-2.2	1	27	0	0	11	0	0	0	7	0
CAR NICOBAR	30.2	0.0	31.6	20	23.2	-1.7	21.2	16	144.5	413.0	+ 16.2	88.4	04	22	+ 4.2	7.9	5.5	-0.3	0	22	0	0	0	0	0	0	0	0
NAN COWRY	29.8	+0.4	32.0	18	24.2	-1.0	21.8	04	152.7	508.4	+212.3	209.4	28	16	0.0	11.7	9.8	-2.0	1	22	0	0	0	0	0	0	0	0
KONDUL	29.1	-0.4	30.4	18	22.6	-2.4	20.9	20	157.7	450.3	+ 59.9	103.2	28	19	+ 1.1	7.8	5.8	-4.3	0	21	0	0	1	0	0	0	0	0
NORTH ASSAM (INCLUDING NEFA)																												
PASIGHAT	30.4	-0.3	35.7	12	23.1	-0.2	20.6	22	347.3	969.2	+157.4	160.0	28	18	- 0.9	4.9	6.2	+0.8	1	18	0	0	7	0	0	0	0	0
DIBRUGARH (MOHANBARI)	31.4	+0.5	35.4	13	23.9	-0.1	20.7	10	103.3	328.3	-138.2	95.6	20	16	- 2.1	7.3	5.6	+1.4	1	16	0	0	14	0	0	0	1	0
DIGBOI	31.6	+0.3	36.7	13	23.7	-0.3	20.9	05	97.0	317.2	- 21.8	48.9	20	18	+ 0.3	..	..	..	0	21	0	0	0	0	0	0	0	0
NORTH LAKHIMPUR	31.2	+1.1	35.0	13	22.9	-1.1	20.9	11	104.0	555.9	- 56.1	117.1	26	18	- 2.4	7.5	5.6	..	0	22	0	0	1	0	0	0	0	0
SIBSAGAR	..	..	..	..	..	..	..	..	184.3	1309.4	+896.9	255.0	26	17	- 0.8	..	..	..	0	20	0	0	0	0	0	0	0	0
GOHPUR	31.4	-0.9	34.6	13	23.8	-0.1	21.8	11	64.0	518.4	+248.7	81.8	07	17	+ 5.3	7.1	6.0	..	0	20	0	0	0	0	0	0	0	0
MAJBAT	31.6	..	35.1	13	24.3	..	22.5	10	196.7	318.8	-177.9	163.4	20	9	- 7.7	7.5	5.9	+2.1	0	9	0	0	0	0	0	0	0	0
JORHAT AERODROME	32.0	..	35.0	13	24.3	..	21.1	07	56.0	318.6	..	79.6	26	15	..	..	..	..	0	18	0	0	10	0	0	0	0	0
TANGLA	31.8	-0.1	35.0	25	24.7	+0.4	20.6	20	135.7	404.0	-118.1	111.9	20	14	- 0.8	7.0	5.0	+3.0	0	18	0	0	0	0	0	0	0	0
TEZPUR	33.1	+1.5	37.4	25	23.7	-1.0	22.3	10	139.2	406.4	+102.1	109.0	26	18	+ 1.7	4.3	4.2	+1.4	0	21	0	0	0	0	0	0	0	0
GOLAGHAT	31.9	+0.1	35.1	13	24.1	+0.1	21.9	10	77.0	398.8	+181.5	104.6	26	17	+ 2.3	..	..	..	0	19	0	0	0	0	0	0	0	0
RANGIA	31.2	-0.8	35.5	08	24.7	+1.0	22.9	20	40.2	480.6	- 15.6	131.8	19	17	+ 4.2	..	..	..	0	19	0	0	4	0	0	0	0	0
CHAPARMUKH	31.9	-0.2	35.1	14	23.4	-1.4	20.1	01	87.0	470.0	+154.7	69.4	26	18	+ 2.6	5.9	4.5	..	0	18	0	0	20	0	0	0	0	0
GOALPARA	31.2	-0.1	34.6	25	23.8	-0.2	18.4	11	77.2	581.0	+ 49.6	224.1	04	18	- 1.0	5.6	3.9	+1.1	0	21	0	0	0	0	0	0	0	0
GAUHATI (BHORJOR)	30.8	-0.4	33.4	08	24.3	-0.6	22.8	04	111.3	370.8	+ 5.4	49.6	10	20	+ 3.7	7.8	5.9	..	1	25	0	0	17	0	0	0	0	0
DHUBRI (RUPSI)	30.7	-0.7	34.3	07	24.3	0.0	22.9	04	144.7	685.1	+122.3	271.0	19	14	- 0.7	11.1	9.0	+4.6	1	22	0	0	11	0	0	0	0	0
DHUBRI	29.9	+0.1	33.7	09	24.1	-0.5	22.5	04	156.8	592.9	- 49.5	226.3	19	14	- 4.1	13.1	10.9	+4.1	0	18	0	0	3	0	0	0	0	0
LUMDING	32.6	+0.1	36.0	02	24.0	-0.2	21.7	02	50.6	225.7	- 11.3	72.0	10	17	+ 3.4	5.1	4.3	..	0	21	0	0	0	0	0	0	0	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																												
TURA	28.7	-0.6	31.8	22	23.3	+0.6	21.7	05	330.6	706.6	- 32.2	169.1	19	23	+ 1.4	7.2	6.8	+0.4	1	28	0	0	0	0	0	0	0	0
HAFLONG	..	..	..	..	..	..	..	..	168.9	350.7	-135.3	92.3	20	19	+ 0.2	..	..	..	0	23	0	0	21	0	0	0	0	0
SILCHAR (KUMBHIRGRAM)	31.3	-0.3	34.8	06	23.9	0.0	21.3	03	250.9	584.8	- 93.9	165.0	20	19	- 1.7	3.9	6.0	+0.1	1	24	0	0	13	2	0	0	0	0
SILCHAR	28.7	-2.6	33.5	06	24.8	+0.2	21.9	20	225.0	541.8	- 72.4	153.8	20	22	+ 0.4	2.5	1.5	-0.4	0	27	0	0	12	0	0	0	0	0
IMPHAL (TULIHAL)	28.1	-0.6	31.0	02	19.4	-1.8	15.2	02	103.9	296.3	+ 18.0	45.4	16	18	+ 3.0	5.4	3.0	-3.9	0	24	0	0	5	0	0	0	0	0
KAILASHAHAR	31.1	-0.7	33.8	06	24.1	-0.2	21.6	21	201.0	398.5	-185.9	50.7	20	22	+ 2.7	6.2	4.4	+0.1	1	26	0	1	17	0	0	0	0	0
AGARTALA	30.6	-0.9	33.6	06	24.3	-0.4	21.8	20	206.5	557.0	+115.1	177.9	20	20	+ 2.1	11.6	9.5	-0.1	0	26	0	0	11	0	0	0	2	0
SUB-HIMALAYAN WEST BENGAL																												
BAGHDOGRA	31.1	-0.2	35.6	08	23.1	-0.9	21.0	02	126.7	462.0	-166.6	50.6	09	21	+ 0.9	14.2	13.2	+5.5	0	22	0	0	13	0	0	0	0	0
JALPAIGURI	30.0	-0.6	33.5	07	23.6	-0.7	22.0	30	103.8	463.0	-220.8	75.8	30	19	- 0.5	11.2	9.1	+1.9	1	22	0	0	6	0	0	0	0	0
COOCH BEHAR AERODROME	30.5	-0.5	34.2	25	23.3	-1.0	21.4	04	169.7	665.6	-168.3	200.9	27	18	- 1.8	9.2	6.9	+1.7	1	24	0	0	18	0	0	0	0	0
BALURGHAT	31.5	..	35.8	24	24.8	..	22.2	03	92.8	489.0	..	93.8	16	19	..	8.8	8.0	..	0	21	0	0	0	0	0	0	0	0
MALDA	31.9	-1.7	37.4	03	25.2	-0.6	21.7	03	215.1	509.5	+256.8	80.6	16	23	+11.7	4.8	4.2	-4.2	0	25	0	0	20	0	0	0	0	0
GANGETIC WEST BENGAL																												
BERHAMPORE	32.1	-2.4	35.3	21	24.9	-1.1	20.8	04	138.8	380.2	+136.1	50.4	17	20	+ 7.3	7.9	5.8	-0.1	0	21	0	0	3	0	0	0	0	0
SURI	32.5	-2.8	38.9	22	24.6	-1.4	20.9	03	..	422.5	+244.8	128.8	23	18	+ 7.3	.	8.9	-1.4	0	23	0	0	4	0	0	0	0	0
ASANSOL	33.8	-2.3	40.0	01	25.2	-1.2	23.3	04	227.9	470.7	+227.9	133.9	17	16	+ 4.3	11.1	8.2	-0.4	2	21	0	0	14	0	0	0	0	0
SHANTI NIKETAN	32.3	..	39.1	01	24.9	..	18.7	10	124.7	411.7	..	82.2	01	16	..	11.9	11.1	..	0	25	0	0	23	0	0	0	0	0
KRISHNANAGAR	32.1	-2.2	36.3	01	24.2	-1.8	21.0	01	67.0	409.2	+147.8	66.0	23	18	+ 5.0	11.5	8.9	+0.9	2	24	0	0	7	0	0	0	0	0
PURULIA	33.1	-3.2	40.6	01	24.3	-1.8	20.4	03	181.1	378.0	+184.6	86.4	07	18	+ 7.2	8.8	6.7	-0.4	1	20	0	0	16	0	2	0	0	0
BANKURA	33.5	..	39.4	01	24.8	..	21.0	01	127.9	343.7	+ 85.9	59.5	16	16	+ 4.9	2.3	2.6	..	1	21	0	0	0	0	0	0	0	0
BURDWAN	33.5	-1.3	37.5	21	25.7	-0.4	23.0	03	115.0	307.9	+ 51.1	91.8	17	14	+ 2.0	10.5	8.6	+0.5	0	14	0	0	0	0	0	0	0	0
CALCUTTA (DUM DUM)	31.9	-1.9	35.5	21	25.1	-1.1	21.8	01	134.6	609.2	+353.3	99.8	17	18	+ 6.3	12.0	11.0	-1.4	0	21	0	0	14	1	0	0	1	0
CALCUTTA	32.1	-2.0	36.3	21	24.5	-2.2	20.4	01	178.8	598.3	+308.2	80.2	13	17	+ 4.1	7.9	7.4	+0.7	1	23	0	0	17	0	0	0	4	0
MIDNAPORE	32.5	-2.8	37.5	21	24.8	-1.7	21.5	01	23.8	238.6	- 13.6	44.4	17	17	+ 5.1	7.0	6.2	-0.5	0	19	0	0	0	0	0	0	0	0
CONTAI	31.7	-0.8	33.8	22	25.6	-0.9	20.4	01	0.0	379.0	+ 99.9	69.4	26	15	+ 3.5	14.5	11.8	-2.1	0	18	0	0	5	0	0	0	0	0
SAGAR ISLAND	30.9	-0.8	32.7	01	26.1	-1.3	20.7	01	102.1	442.9	+139.9	68.4	09	16	+ 4.1	23.2	24.3	-1.1	0	20	0	0	7	0	0	0	0	0
SANDHEADS	30.9	..	33.0	04	26.6	..	21.0	09	100.2	326.7	+136.4	113.8	25	12	+ 2.6	..	..	..	0	15	0	0	5	0	0	0	0	0
ORISSA																												
BARIPADA	33.7	-2.0	39.4	21	24.3	-1.9	21.3	05	173.9	332.5	+103.2	61.2	26	13	+ 1.2	3.7	2.5	-0.9	0	20	0	0	23	0	0	0	0	0
JHARSUGUDA	36.8	-0.7	44.4	03	25.7	-0.9	22.7	18	46.0	92.9	-129.2	16.0	24	10	- 0.5	11.4	9.4	-0.6	0	15	0	0	20	0	3	0	2	0
KEONJHARGARH	33.5	-1.0	36.9	03	22.1	-2.4	19.1	04	49.3	226.6	+ 49.7	36.4	06	13	+ 1.6	12.0	7.9	0.0	1	15	0	0	0	0	0	0	0	0
BALASORE	32.8	-1.5	37.1	22	24.9	-1.7	21.7	05	126.2	272.7	+ 60.9	71.8	30	15	+ 3.9	12.1	9.7	-0.9	0	20	0	0	2	0	0	0	0	0
SAMBALPUR	37.8	+0.6	45.1	02	25.5	-1.4	20.9	04	15.5	83.8	-154.5	40.0	24	5	- 5.4	18.2	12.4	+4.4	0	8	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - JUNE 1968 (JYAISTHA 11 - ASADHA 9,1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena - No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
ORISSA (CONTD.)																												
ANGUL	35.9	-0.4	40.6	10	24.9	-1.6	22.2	24	63.6	125.2	- 74.4	..	..	..	..	4.1	3.2	-5.9	. ..		0	0	7	0	0	0	0	0
CHANDBALI	33.0	-1.3	38.4	22	24.6	-1.7	22.0	12	113.8	193.2	- 1.4	41.8	06	11	+ 1.3	12.7	10.9	-1.9	0	12	0	0	0	0	0	0	0	0
BOLANGIR	38.1	+0.6	44.6	01	25.8	-0.4	21.6	25	14.4	103.6	- 73.4	53.8	25	6	- 3.0	7.4	11.0	+0.7	0	13	0	0	3	0	0	0	0	0
PHULBANI	34.8	..	41.5	01	23.6	..	20.3	04	3.2	112.3	..	27.0	04	10	..	8.3	4.9	..	1	14	0	0	0	0	0	0	0	0
CUTTACK	34.7	-1.1	39.9	10	26.0	-0.5	23.4	02	77.2	304.8	+ 73.9	46.0	02	14	+ 2.7	7.6	6.6	-0.6	0	16	0	0	11	0	1	0	0	0
TITLAGARH	38.1	+1.2	45.4	01	26.5	-0.2	23.3	23	23.8	89.9	-126.6	20.1	25	7	- 3.9	6.2	5.7	+0.3	0	12	0	0	11	0	0	0	0	0
BHUBANESWAR	34.4	-0.9	39.0	21	24.9	-1.5	21.8	12	198.2	278.3	+ 55.8	76.7	12	15	+ 2.6	19.2	16.9	-2.2	0	17	0	0	20	1	0	0	0	0
PURI	32.1	+0.4	36.6	23	24.1	-3.3	19.8	21	17.2	174.4	- 12.0	41.6	21	8	- 0.4	..	..	..	0	10	0	0	0	0	0	0	0	0
GOPALPUR	32.3	+0.1	36.6	18	25.9	-1.0	22.5	21	21.8	70.1	- 63.0	24.8	22	8	+ 0.6	20.5	18.2	+1.0	2	10	0	0	10	0	0	0	0	0
KORAPUT	30.7	+0.3	37.3	01	..	..	..	..	30.8	171.8	- 44.5	26.8	07	14	+ 4.7	19.8	17.4	..	0	20	0	0	0	0	0	0	0	0
BIHAR PLATEAU																												
DUMKA	32.7	-2.4	40.0	22	24.3	-1.7	20.6	03	158.9	402.1	+157.2	76.0	18	22	+10.1	10.9	7.3	+1.0	0	22	0	0	0	0	0	0	0	0
DALTONGANJ	37.7	-0.6	42.8	01	25.8	-1.8	23.4	23	52.6	80.2	- 73.2	26.0	11	8	+ 0.2	12.3	8.1	+0.9	0	10	0	0	1	0	0	0	0	0
HAZARIBAGH	31.2	-3.4	40.3	01	22.3	-2.4	20.0	11	195.7	322.6	+128.3	84.4	16	15	+ 5.0	11.4	9.6	-0.2	0	22	0	0	16	0	0	0	0	0
DHANBAD	32.3	-3.6	39.4	01	24.1	-1.8	19.0	04	219.0	441.0	+264.4	152.2	17	17	+ 7.0	2.4	2.2	-7.1	0	20	0	2	4	0	0	0	0	0
PANCHI AERODROME	30.7	-2.9	38.4	01	22.0	-2.2	20.1	04	161.8	268.8	+ 78.6	52.8	11	15	+ 5.3	12.6	10.4	-1.8	1	22	0	0	20	1	0	0	2	0
JAMSHEDPUR	33.6	-2.9	40.2	01	24.2	-2.8	21.0	05	103.7	279.2	+ 68.3	72.0	17	15	+ 4.7	10.2	8.2	-0.1	0	19	0	0	11	0	0	0	4	0
JAMSHEDPUR P.B.O.	33.4	-3.0	40.0	01	24.8	-1.9	20.4	05	89.5	248.6	+ 54.4	76.0	17	15	+ 4.9	10.7	7.8	0.0	0	20	0	0	19	0	0	0	1	0
CHAIBASA	34.2	-2.5	41.5	01	24.5	-2.2	22.1	17	67.3	187.1	+ 0.4	92.6	17	8	- 2.5	6.5	4.3	-0.2	1	16	0	0	9	0	0	0	0	0
BIHAR PLAINS																												
MOTIHARI	33.2	-1.4	35.8	01	22.3	-3.4	18.6	01	65.4	279.7	+ 76.8	45.4	29	16	+ 7.5	8.9	5.8	-0.3	0	19	0	0	2	0	0	0	0	0
FORBESGANJ	32.2	-1.4	35.4	14	24.4	-0.2	21.3	01	104.6	240.5	-141.4	42.2	30	13	+ 0.9	14.3	11.0	+2.3	0	18	0	0	9	0	0	0	0	0
DARBHANGA	33.2	-1.3	37.1	14	23.9	-2.1	20.4	03	62.7	248.1	+ 65.7	69.5	29	12	+ 3.5	4.8	3.7	-4.0	0	15	0	0	0	0	0	0	0	0
MUZAFFARPUR	32.8	..	36.4	03	25.5	..	22.3	01	58.3	292.1	+114.0	103.6	29	13	+ 5.1	9.6	7.1	..	1	19	0	0	7	0	0	0	0	0
CHAPRA	34.6	..	38.6	21	25.6	..	21.8	01	171.5	277.3	+143.3	87.3	24	9	+ 2.1	8.5	7.9	..	0	12	0	0	5	0	2	0	0	0
PURNEA	31.7	-1.5	36.1	03	22.6	-2.8	19.2	03	137.8	507.9	+249.8	74.9	17	14	+ 2.6	6.4	5.1	-1.2	0	19	0	0	0	0	0	0	0	0
PATNA	34.4	-2.3	38.9	14	25.9	-1.2	20.9	01	68.8	181.2	+ 23.2	35.4	29	11	+ 3.3	9.3	9.4	+0.4	1	14	0	0	2	0	0	0	0	0
PATNA AERODROME	33.6	-3.0	37.8	01	24.4	-2.4	20.5	01	142.8	302.3	+138.5	83.0	30	14	+ 6.6	12.1	9.4	+0.3	0	17	0	0	10	0	0	0	2	0
ARRAH	..	..	..	..	..	..	..	..	..	91.0	- 49.9	80.0	09	2	- 5.3	..	..	..	1	9	0	0	0	0	0	0	0	0
BHAGALPUR	32.4	-2.9	37.6	03	25.1	-1.3	19.5	16	165.7	459.0	+251.4	127.5	30	17	+ 8.3	7.7	9.1	+0.9	1	20	0	0	19	0	0	0	0	0
SABAUR	32.3	-2.6	37.2	03	23.3	-3.0	19.7	01	154.6	411.8	+241.4	61.0	15	18	+ 9.6	12.7	9.9	+0.8	1	23	0	0	17	0	0	0	0	0
JAMUI	33.7	-3.5	39.4	03	25.5	-1.8	23.5	23	376.4	1004.7	+896.2	260.5	15	18	+11.1	8.5	6.4	-1.1	0	18	0	0	0	0	0	0	0	0
DEHRI	35.5	-3.4	41.2	01	24.9	-3.2	21.2	19	57.5	126.4	- 2.1	34.4	28	10	+ 3.6	7.9	5.6	-1.6	0	11	0	0	1	0	0	0	0	0
GAYA	35.1	-3.5	42.3	01	25.9	-2.3	22.0	16	130.5	291.1	+187.7	78.8	16	13	+ 6.9	14.1	11.6	-0.5	2	18	0	0	20	0	0	0	6	0
UTTAR PRADESH EAST																												
KHERI	34.9	-3.0	43.0	01	25.3	-1.3	22.1	06	17.9	156.3	+ 21.6	58.0	24	10	+ 3.7	4.2	5.3	+0.1	0	12	0	0	13	0	3	0	0	0
BAHRAICH	34.4	-3.2	41.6	01	25.9	-1.1	22.9	23	43.2	102.9	- 52.6	33.8	23	9	+ 3.0	11.1	8.7	+0.3	0	12	0	0	9	0	0	0	0	0
NAUTANWA	33.6	-1.6	38.2	01	24.7	-1.2	22.4	01	73.3	206.5	- 27.6	44.6	19	13	+ 3.9	9.4	6.6	-1.9	0	15	0	0	0	0	0	0	0	0
HARDOI	37.4	-2.1	43.2	01	26.8	-0.8	23.2	30	83.8	83.8	- 40.5	53.6	26	3	- 1.1	11.3	9.4	+2.0	0	3	0	0	0	0	0	0	0	0
GONDA	35.1	-2.3	41.1	01	25.1	-1.8	21.2	04	25.6	81.3	- 90.4	30.6	11	7	- 0.3	9.4	7.0	-0.3	0	8	0	0	1	0	0	0	0	0
LUCKNOW	..	..	..	..	..	..	..	..	73.2	99.4	+ 10.5	39.2	13	7	+ 2.3	..	..	..	0	11	0	0	8	0	0	0	0	0
LUCKNOW(AMAUSI)	37.6	-1.3	43.5	01	27.2	-0.3	22.8	30	11.9	29.8	- 45.1	12.9	30	2	- 1.6	16.4	14.1	+2.3	0	7	0	0	13	0	2	0	0	0
FAIZABAD	35.7	-1.5	41.5	01	25.6	-0.6	22.9	04	90.5	148.6	+ 71.7	62.0	14	5	- 0.4	7.7	5.8	+0.6	0	7	0	0	3	0	0	0	0	0
GORAKHPUR	35.1	-1.3	39.9	01	25.5	-1.2	22.3	03	53.4	114.0	- 46.8	20.2	02	9	+ 1.4	8.7	6.5	-0.3	0	12	0	0	0	0	0	0	0	0
KANPUR	39.2	-0.7	44.3	01	27.3	-1.4	24.5	03	0.0	11.5	- 58.6	5.5	18	2	- 1.9	17.1	14.4	+0.9	0	4	0	0	7	0	2	0	0	0
KANPUR(AERODROME)	39.8	..	44.6	01	28.1	..	25.7	13	4.7	12.1	..	2.8	11	2	..	..	..	..	0	7	0	0	11	0	5	0	0	0
SULTANPUR	37.6	-1.0	43.4	01	27.0	-0.7	24.4	28	18.0	60.2	- 13.3	35.0	28	5	+ 0.6	6.0	5.2	-1.1	0	6	0	0	2	0	1	0	0	0
AZAMGARH	35.7	-2.8	40.9	01	25.3	-2.0	21.9	03	44.0	114.2	- 3.1	67.0	28	3	- 2.9	6.4	4.3	..	0	6	0	0	0	0	0	0	0	0
FATEHPUR	39.7	-0.4	44.3	01	27.9	-0.9	23.4	28	0.0	51.0	- 16.4	49.6	28	1	- 4.5	8.7	8.8	+1.8	0	2	0	0	0	0	1	0	0	0
BALLIA	34.9	-4.8	38.5	14	27.1	+0.3	21.5	01	45.0	186.0	+ 86.1	78.8	29	10	+ 6.0	8.6	7.2	+0.4	0	11	0	0	0	0	0	0	0	0
BANDA	41.7	+0.9	45.6	01	28.7	-0.7	23.2	30	15.0	61.2	- 6.8	41.4	30	5	+ 1.1	8.9	3.8	-0.9	0	7	0	0	0	0	0	0	0	0
ALLAHABAD(BAMHRAULI)	38.7	-1.1	45.2	01	27.4	-1.5	22.8	09	27.0	60.4	- 35.6	23.0	09	5	+ 0.4	9.8	7.8	-1.6	0	7	0	0	13	0	5	0	0	0
VARANASI(BABATPUR)	37.1	-1.8	42.5	01	27.0	-1.2	25.0	03	21.1	33.7	- 67.9	13.7	09	4	- 0.4	19.0	16.4	+4.4	0	8	0	0	6	0	6	0	0	0
VARANASI	36.6	-2.5	42.0	01	27.4	-0.9	24.9	28	17.4	82.8	- 5.9	69.4	28	2	- 3.5	8.9	7.3	-2.4	0	5	0	0	0	0	1	0	0	0
UTTAR PRADESH WEST																												
MUKHIM	24.5	-1.6	30.0	01	16.2	-1.0	12.3	03	141.1	238.2	+ 92.6	57.4	11	10	+ 1.0	..	..	..	3	17	0	0	20	1	0	0	0	0
TEHRI	34.9	-2.2	41.4	01	22.9	+0.4	18.7	03	29.6	133.1	+ 82.6	24.8	26	11	+ 7.5	3.9	3.6	..	0	16	0	0	7	0	0	0	0	0
DEHRA DUN	33.3	-2.0	40.6	01	22.7	-0.9	19.3	08	73.7	214.1	+ 29.7	37.4	28	17	+ 8.5	1.6	1.3	-2.3	0	20	0	0	23	0	0	0	0	0
MANSIARI	..	..	..	..	..	..	..	..	3.2	4.0	..	3.2	26	1	..	18.9	7.2	..	2	2	0	0	0	0	0	0	0	0
ROORKEE	36.8	-1.7	44.0	01	24.7	-1.2	21.1	28	16.4	77.1	- 20.9	48.5	28	5	0.0	10.3	8.5	+1.2	0	5	0	0	5	1	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER – JUNE 1966 (JYAISTHA 11 - ASADHA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
UTTAR PRADESH WEST (CONTD.)																												
NAJIBABAD	36.0	-2.5	42.7	01	24.4	-1.6	14.6	28	18.0	92.5	+ 4.2	47.0	28	7	+ 2.1	13.3	12.0	+4.6	0	7	0	0	6	0	0	0	0	0
MEERUT	38.1	-1.4	43.0	01	25.1	-2.3	20.0	20	..	50.0	- 28.2	42.0	20	2	- 1.8	.	9.0	+0.1	0	2	0	0	0	0	0	0	0	0
BAREILLY	37.1	-1.9	44.7	01	25.8	-1.7	21.4	28	26.7	89.8	- 24.5	27.4	27	6	+ 1.2	12.2	9.1	+1.8	1	11	0	0	2	0	0	0	0	0
ALIGARH	39.2	-0.8	43.1	01	28.1	-0.3	25.3	29	7.4	12.7	- 73.2	7.4	13	2	- 1.8	13.3	10.6	+1.3	0	4	0	0	2	0	2	0	0	0
MAINPURI	40.9	0.0	44.1	01	27.3	-1.3	24.6	25	11.3	28.5	- 27.9	8.2	25	3	- 0.4	..	..	..	0	5	0	0	1	0	2	0	0	0
AGRA	41.3	+0.8	44.0	15	30.0	+0.5	23.6	29	2.1	27.3	- 29.5	20.2	29	1	- 2.1	5.5	7.3	+0.4	0	2	0	0	0	0	1	0	0	0
AGRA AERODROME	41.3	..	44.2	18	28.7	..	22.6	07	0.0	13.2	..	13.2	29	1	..	..	..	..	0	1	0	0	6	0	2	0	0	0
ORAI	41.2	+0.8	44.0	01	28.6	+0.1	23.2	29	10.0	36.3	- 58.1	18.0	29	2	- 2.7	10.6	9.5	-1.3	0	7	0	0	0	0	0	0	0	0
JHANSI	42.4	+2.0	45.2	09	29.4	+0.1	23.1	27	0.0	20.5	- 61.0	20.5	27	1	- 3.7	6.8	8.0	-0.1	0	1	0	0	0	0	0	0	0	0
MORADABAD	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
HARYANA (INCLUDING DELHI AND CHANDIGARH)																												
CHANDIGARH	38.0	-1.5	41.6	01	25.5	-0.9	19.7	12	41.4	167.9	+106.2	62.4	28	7	+ 4.0	..	..	..	0	8	0	0	1	0	0	0	0	0
AMBALA	38.7	-1.8	43.0	01	27.0	-0.3	20.2	12	5.2	131.7	+ 58.8	72.0	12	5	+ 0.7	.	7.4	-1.2	0	6	0	0	2	0	3	0	0	0
AMBALA AERODROME	38.2	..	43.0	01	25.8	..	19.4	12	9.6	115.8	..	59.4	12	4	..	..	..	..	0	5	0	0	9	0	3	0	0	0
KARNAL	37.5	-2.1	42.0	01	25.9	-0.7	21.0	12	1.8	47.2	- 5.6	30.0	12	2	- 1.0	7.9	0.0	..	0	5	0	0	0	0	0	0	0	0
HISSAR	41.9	+0.6	44.5	08	29.1	+1.4	22.1	06	5.6	6.4	- 25.1	5.6	12	1	- 2.0	12.0	11.1	+1.0	0	2	0	0	2	0	2	0	0	0
NEW DELHI/SAFDARJUNG	39.8	-0.1	42.2	01	28.5	-0.2	23.7	29	18.4	24.2	- 43.4	13.8	29	2	- 1.7	16.1	13.4	-1.2	0	5	0	0	5	0	3	0	0	0
PALAM AERODROME	39.9	..	42.9	01	27.8	..	23.5	29	20.6	37.5	..	17.7	29	3	..	..	..	..	1	5	0	0	8	0	18	0	0	0
GURGAON	40.9	..	42.8	01	28.1	..	22.8	29	25.6	29.5	..	15.2	29	2	..	12.4	9.8	..	0	6	0	0	0	0	0	0	0	0
NARNAUL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
ROHTAK	40.3	..	42.7	24	27.1	..	22.1	12	20.4	20.9	..	20.4	29	1	..	16.8	14.4	..	1	2	0	0	3	0	1	0	0	0
PUNJAB																												
PATHANKOT	39.8	-0.4	43.4	15	26.1	0.0	20.9	28	0.0	129.1	+ 71.3	82.1	26	5	+ 1.6	..	..	..	0	6	0	0	16	0	4	0	0	0
AMRITSAR	40.9	+0.5	44.3	17	25.6	+0.4	21.4	06	0.0	16.7	- 10.5	9.8	10	3	+ 1.1	..	..	..	0	0	1	8	0	6	0	0	0	0
ADAMPUR AERODROME	39.9	..	43.2	17	25.9	..	21.1	06	0.0	62.2	..	44.0	28	4	..	..	..	..	0	4	0	0	8	0	5	0	0	0
LUDHIANA	41.6	+0.5	45.0	17	27.7	+0.6	21.6	29	0.0	42.0	- 7.3	31.8	28	2	- 1.3	..	..	..	0	2	0	0	2	0	0	0	0	0
FEROZEPUR	41.0	-0.1	44.4	10	25.2	-1.1	21.0	12	0.0	22.5	- 11.0	14.0	12	2	+ 0.3	4.0	4.0	+0.8	0	2	0	0	1	0	1	0	0	0
HALWARA AERODROME	40.4	..	43.7	17	27.0	..	20.5	12	3.6	59.0	..	31.0	12	2	..	..	..	..	0	2	0	0	5	0	4	0	0	0
PATIALA	38.9	-1.5	42.3	02	26.8	+0.1	19.7	12	0.0	84.5	+ 32.4	52.1	12	2	- 1.1	8.0	10.1	+0.8	0	2	0	0	4	0	2	0	0	0
BHATINDA	42.9	+0.7	45.2	08	27.0	-0.8	22.0	04	20.5	52.9	+ 14.7	40.3	11	3	+ 0.7	6.2	6.8	-1.1	0	3	0	0	0	0	0	0	0	0
HIMACHAL PRADESH																												
MANDI	34.6	-1.9	39.3	02	20.9	0.0	17.1	04	..	195.2	+ 86.6	38.2	28	12	+ 5.0	..	..	..	1	16	0	0	1	0	0	0	0	0
BILASPUR	36.5	-1.7	40.0	01	24.7	+1.2	20.5	03	36.0	168.2	+105.5	55.0	28	7	+ 1.7	6.4	5.0	-1.5	0	9	0	0	17	0	0	0	0	0
JAMMU AND KASHMIR																												
MISGAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
GILGIT	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SKARDU	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
DRAS	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SONAMARG	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
LEH	23.7	+2.6	28.3	25	6.4	-0.3	3.5	03	0.0	0.0	- 4.8	0.0	..	0	- 0.7	8.8	6.8	+0.3	0	0	0	0	0	0	0	0	0	0
SRINAGAR	30.8	+1.8	35.0	24	14.5	+0.1	11.4	03	4.2	33.4	- 0.9	18.5	27	3	- 0.4	4.5	4.3	+0.2	0	4	0	0	4	0	0	0	0	0
SRINAGAR AERODROME	29.7	..	34.0	24	14.6	..	10.0	03	0.5	11.7	..	8.2	04	1	..	..	..	..	0	4	0	0	13	0	0	0	0	0
GULMARG	21.8	+1.8	27.7	25	6.7	-0.2	3.5	05	8.5	41.6	- 46.0	25.6	04	4	- 3.7	11.6	7.8	+1.2	0	8	0	2	11	0	0	0	0	0
QAZIGUND	28.7	..	31.4	24	15.0	..	10.8	03	0.0	16.3	..	14.4	04	1	..	..	..	..	1	1	0	0	6	0	0	0	0	0
BANIHAL	30.7	..	34.0	24	15.5	..	11.7	01	6.3	26.9	..	10.2	04	3	..	..	..	..	0	6	0	0	12	0	0	0	0	0
JAMMU	41.5	+1.1	44.6	18	28.0	+0.3	21.0	01	0.0	48.2	- 21.1	14.8	28	4	+ 0.3	4.9	4.7	..	0	4	0	0	3	0	1	0	0	0
JAMMU AERODROME	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
GULMARG (RESEARCH INSTITUTE)	22.2	..	26.5	25	9.6	..	4.8	05	10.0	47.6	..	28.0	04	4	..	..	..	..	0	8	0	0	9	1	0	0	0	0
RAJASTHAN, WEST																												
GANGANAGAR	13.8	-8.3	47.0	08	30.3	+2.3	0.0	00	0.0	0.0	- 21.1	0.0	..	0	- 1.2	8.6	6.7	-4.0	0	0	0	0	1	0	3	0	0	0
ANUPGARH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
MAHAJAN	44.7	..	47.5	08	29.3	..	25.7	13	0.0	0.0	..	0.0	..	0	..	19.1	17.2	..	0	0	0	0	0	0	0	0	0	0
CHURU	42.9	+1.8	45.8	08	28.8	0.0	24.7	01	0.0	0.0	- 25.7	0.0	..	0	- 3.0	20.8	16.8	+1.7	0	0	0	0	0	0	0	0	0	0
BIKANER	43.0	+1.3	46.2	08	30.0	+0.7	28.3	01	0.0	0.0	- 27.9	0.0	..	0	- 2.2	18.6	17.4	+4.1	0	0	0	0	1	0	0	0	0	0
NAGAUR	42.3	+2.2	45.9	08	28.5	+0.4	22.5	22	0.0	0.0	- 14.2	0.0	..	0	- 1.2	19.9	17.7	+0.4	0	0	0	0	0	0	0	0	0	0
PHALODI	42.5	+1.7	47.3	04	27.4	-0.6	25.3	13	0.0	0.0	- 26.2	0.0	..	0	- 1.7	30.0	27.6	+2.0	0	0	0	0	0	0	0	0	0	0
JAISALMER	..	..	..	..	..	..	..	..	0.0	0.0	- 6.2	0.0	..	0	- 0.7	27.8	29.1	+1.9	0	0	0	0	0	0	0	0	0	0
JODHPUR	41.7	+1.6	44.8	07	28.7	+0.2	26.1	25	0.0	0.0	- 30.7	0.0	..	0	- 1.8	..	..	..	0	0	0	0	0	0	0	0	0	0
BARMER	..	..	..	..	..	..	..	..	0.0	0.0	- 21.8	0.0	..	0	- 1.2	10.5	10.7	-3.5	0	0	0	0	0	0	0	0	0	0
ERINPURA (JAWAI DAM)	39.5	+1.3	42.6	04	27.3	0.0	26.0	10	0.0	0.0	- 50.5	0.0	..	0	- 4.6	13.6	10.7	-2.2	0	0	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - JUNE 1968 (JYAISTHA 11 - ASADHA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
RAJASTHAN, WEST (CONTD.)																												
JALORE																												
RAJASTHAN, EAST																												
PILANI	42.5	+0.3	46.0	08	27.9	-1.2	22.8	11	6.6	12.2	- 3.2	5.6	11	2	+ 0.4	21.6	17.5	-2.8	0	3	0	0	3	0	0	0	0	0
SIKAR	41.1	+2.0	43.8	04	27.8	+0.3	24.0	01	0.0	0.1	- 41.1	0.1	02	0	- 3.3	1.4	1.2	-0.4	1	0	0	0	0	0	0	0	0	0
ALWAR	42.1	+1.2	44.5	08	30.1	-0.4	25.8	29	18.6	25.0	- 9.9	17.4	30	2	- 1.3	8.9	7.1	..	0	3	0	0	2	0	1	0	0	0
JAIPUR (SANGANER)	42.1	+2.9	44.7	08	29.6	+2.3	26.5	01	1.8	1.8	- 49.8	1.8	13	0	- 3.7	0.0	0.0	-7.8	0	1	0	0	3	0	3	0	0	0
DHOLPUR	43.4	+1.8	45.7	08	29.5	-0.9	22.2	30	6.0	50.0	+ 4.7	44.0	30	2	- 0.8	13.7	9.3	-0.4	0	2	0	0	2	0	2	0	0	0
AJMER	40.4	+2.3	43.8	06	29.1	+1.4	26.4	28	0.0	0.0	- 59.4	0.0	..	0	- 3.3	23.8	21.0	+6.4	0	0	0	0	1	0	0	0	0	0
TONK	42.8	+1.9	44.8	10	30.4	+1.5	28.2	09	0.2	0.2	- 23.2	0.2	13	0	- 1.6	19.8	14.7	+2.1	1	0	0	0	0	0	3	0	0	0
BHILWARA	41.5	..	44.0	08	27.9	..	25.7	22	0.0	1.9	..	1.9	02	0	..	15.1	14.0	..	0	1	0	0	1	0	1	0	0	0
KOTA	42.3	+2.0	44.6	08	29.9	+0.4	26.4	01	1.8	1.8	- 68.8	1.8	14	0	- 4.1	12.5	13.4	+4.3	0	1	0	0	0	0	0	0	0	0
KOTA AERODROME	42.6	..	45.6	08	31.4	..	27.6	27	0.2	0.2	..	0.2	14	0	..	21.1	21.1	..	1	0	0	0	5	0	2	0	0	0
CHAMBAL (RAWAT BHATTA DAM)	41.2	+1.8	44.6	08	29.4	+2.4	26.6	27	4.6	5.6	- 67.5	4.6	16	1	- 4.4	17.5	15.3	+2.8	0	2	0	0	6	0	3	0	0	0
UDAIPUR	38.0	+2.1	41.8	08	26.2	+0.9	23.9	28	0.0	2.4	- 5.4	2.4	16	0	- 4.4	9.7	7.1	-0.3	0	1	0	0	4	0	0	0	0	0
JHALAWAR	41.1	+2.0	44.7	08	27.6	+0.1	21.5	17	4.8	34.8	- 84.8	30.0	17	2	- 4.3	16.0	15.3	+3.8	0	2	0	0	5	0	0	0	0	0
BANSWARA	39.1	..	42.0	07	27.4	..	24.9	15	0.0	0.0	..	0.0	..	0	..	0.0	0.0	..	0	0	0	0	0	0	0	0	0	0
DUNGARPUR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MADHYA PRADESH, WEST																												
GWALIOR	42.3	+1.5	45.1	02	30.7	+0.5	25.0	30	4.0	18.0	- 32.6	14.0	30	2	- 1.7	15.0	11.5	+1.7	0	2	0	0	7	0	2	0	0	0
SHEOPUR	42.9	+2.5	45.3	08	30.8	+2.2	26.3	27	2.2	2.2	- 68.4	2.0	05	0	- 4.3	16.9	13.6	+3.4	1	1	0	1	4	0	1	0	0	0
SHIVPURI	40.2	..	42.5	17	26.1	..	19.5	27	43.8	59.0	..	42.4	27	2	..	15.8	12.3	..	0	4	0	0	0	0	0	0	0	0
NOWGONG	40.7	+0.7	44.5	01	27.6	-0.7	24.0	27	26.8	65.6	- 26.3	38.8	27	5	- 0.3	9.2	6.9	-1.3	0	9	0	0	9	0	0	0	0	0
GUNA	41.1	+2.6	44.1	03	27.4	+0.8	23.1	27	28.1	46.7	- 98.6	24.8	13	4	- 3.0	20.5	16.1	+3.1	0	6	0	0	8	0	0	0	0	0
NIMACH	39.0	+2.1	43.0	07	27.0	+1.1	25.8	20	36.0	36.0	- 62.0	34.6	14	1	- 3.4	21.2	21.2	+4.6	0	2	0	0	1	0	0	0	0	0
RAJGARH	41.0	+1.5	45.2	08	28.2	+0.9	23.7	27	15.5	26.3	- 81.6	9.2	14	4	- 0.3	19.1	18.1	+1.8	0	4	0	1	1	0	0	0	0	0
SAGAR	38.9	+2.0	43.3	01	20.1	-5.6	14.9	25	61.2	103.2	- 23.8	79.4	27	3	- 4.4	14.5	14.8	+3.8	0	6	0	0	5	0	0	0	0	0
RATLAM	38.3	+2.1	41.8	07	25.5	+0.2	24.0	27	0.1	0.3	- 95.2	0.1	27	0	- 4.7	22.5	19.2	+5.9	3	0	0	0	0	0	0	0	0	0
BHOPAL (BAIRAGARH)	39.0	+2.1	43.1	08	25.9	+0.5	21.4	17	14.0	67.9	- 80.4	32.8	27	4	- 4.1	24.9	21.3	+8.2	1	6	0	0	12	0	0	0	2	0
UJJAIN	36.5	..	41.0	02	25.6	..	23.1	27	0.0	4.4	..	4.0	16	1	..	27.5	25.1	..	0	2	0	0	1	0	0	0	0	0
NARSINGHPUR	39.4	..	44.4	02	25.1	..	20.8	17	21.8	142.4	..	53.0	27	6	..	11.6	7.8	..	0	8	0	0	3	0	0	0	0	0
HOSHANGABAD	40.1	+2.5	44.5	02	26.5	-0.1	22.8	27	3.0	25.3	-118.0	5.5	27	5	- 2.7	5.5	5.3	-1.5	0	6	0	0	0	0	0	0	0	0
INDORE	37.6	+1.9	41.8	07	24.8	+0.4	20.4	16	5.8	47.5	- 86.1	33.5	16	3	- 3.9	30.9	29.1	+2.1	0	4	0	0	4	0	1	0	0	0
RAJPUR (JHABUA)	37.1	+1.1	40.9	02	24.8	-0.6	22.0	15	0.0	44.2	- 71.5	31.0	15	2	- 2.5	24.7	22.2	+5.5	0	2	0	0	1	0	0	0	0	0
CHHINDWARA	36.7	+1.5	41.7	02	25.5	+0.6	20.7	17	16.8	102.4	- 46.2	50.4	17	8	- 1.7	..	..	..	0	10	0	0	8	0	0	0	0	0
SEONI	37.7	+2.2	43.0	02	24.8	+0.4	21.1	17	84.0	186.4	- 30.0	45.4	17	10	- 1.0	11.2	7.9	+0.2	0	12	0	0	9	0	0	0	0	0
BETUL	36.8	+1.8	41.8	02	23.7	-0.7	19.8	27	19.6	46.2	- 88.8	17.5	26	3	- 5.2	11.4	8.9	+0.4	0	7	0	0	2	0	0	0	0	0
KHANDWA	40.9	+3.4	43.4	02	25.9	-0.3	21.4	16	1.0	6.8	-128.6	3.0	27	1	- 5.5	22.0	19.5	+3.7	0	4	0	0	10	0	0	0	0	0
TIKAMGARH	40.7	..	43.8	15	27.3	..	23.0	27	23.3	144.7	..	106.3	27	3	..	13.1	10.0	..	0	8	0	0	17	0	5	0	0	0
MADHYA PRADESH, EAST																												
SATNA	39.5	+0.4	44.6	01	27.6	-0.4	23.7	27	30.7	67.1	- 47.7	32.8	27	4	- 1.9	11.5	9.8	+0.6	1	6	0	0	7	0	0	0	0	0
REWA	38.7	..	43.5	01	26.0	..	21.6	02	49.2	99.7	..	50.1	27	6	..	8.6	6.3	..	0	8	0	0	0	0	1	0	0	0
SIDHI	38.3	-1.5	44.4	01	25.8	-2.1	20.0	27	18.9	80.3	+ 22.9	21.4	19	6	+ 1.4	7.5	5.4	-3.7	0	11	0	0	0	0	0	0	0	0
UMARIA	38.1	+0.5	43.6	02	25.4	-1.4	21.7	18	17.8	79.3	- 84.1	20.8	17	6	- 2.9	10.5	7.2	+0.3	1	9	0	0	13	0	0	0	0	0
JABALPUR	38.9	+1.3	44.5	02	26.6	+0.2	22.0	17	55.0	152.3	- 4.7	46.7	28	6	- 2.3	11.9	8.4	-0.2	2	8	0	0	14	0	0	0	0	0
AMBIKAPUR	35.4	-0.4	41.7	01	23.9	-1.2	21.8	28	99.6	158.2	+ 15.2	46.7	27	11	+ 1.4	13.7	9.8	-0.3	0	14	0	0	6	0	0	0	0	0
JASHPURNAGAR	31.9	..	40.3	01	22.1	..	20.6	03	179.2	263.8	..	48.5	16	17	..	9.5	6.6	..	0	19	0	0	1	0	0	0	0	0
PENDRA	36.0	+2.4	41.7	01	24.9	-0.1	20.4	16	91.9	147.2	- 60.1	74.0	16	7	- 4.4	12.1	8.9	-0.6	1	13	0	0	19	0	0	0	2	0
MANDLA	37.7	+0.2	43.5	02	24.0	-1.3	20.4	16	66.2	161.6	+ 29.9	66.6	16	11	+ 2.3	9.2	5.6	-0.8	0	14	0	0	15	0	0	0	0	0
CHAMPA	38.5	-0.4	45.6	01	26.1	-1.7	22.2	25	62.6	216.6	+ 60.5	62.8	25	12	+ 3.4	11.1	8.8	+0.7	1	15	0	0	11	0	0	0	0	0
RAIGARH	38.5	-0.1	45.6	01	26.4	-1.3	23.2	29	7.6	124.3	- 43.4	75.9	29	4	- 4.5	9.0	7.8	+0.5	0	10	0	0	6	0	0	0	0	0
RAIPUR	38.1	+0.6	44.8	01	26.6	-0.2	22.7	27	12.8	162.0	- 57.5	51.1	15	9	- 0.4	12.8	11.6	-0.5	2	11	0	0	15	0	0	0	0	0
KANKER	36.1	+0.7	43.2	01	26.4	+0.4	22.4	25	47.0	219.8	+ 7.7	68.8	26	9	- 0.5	16.1	12.0	+2.3	0	11	0	0	10	0	0	0	0	0
JAGDALPUR	34.8	+1.3	42.5	01	23.8	-0.1	20.6	04	154.9	211.1	- 21.6	46.2	20	11	- 0.5	..	..	..	4	16	0	0	19	0	0	0	7	0
GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																												
DEESA	40.2	+1.3	42.7	04	25.3	-1.9	13.1	10	0.0	0.0	- 48.0	0.0	..	0	- 2.5	15.5	14.8	..	0	0	0	0	0	0	0	0	0	0
RADHANPUR	40.2	+1.4	43.1	04	26.7	+0.4	22.3	01	0.0	0.0	- 29.3	0.0	..	0	- 1.8	16.9	16.4	+1.9	0	0	0	0	0	0	0	0	0	0
IDAR	40.0	+2.2	42.9	09	26.5	+0.5	25.3	08	0.0	1.0	- 89.7	0.6	18	0	- 4.1	14.4	12.4	+1.0	0	2	0	0	0	0	0	0	0	0
AHMADABAD	40.7	+2.7	43.6	05	27.3	-0.1	25.6	04	0.1	3.7	- 81.6	3.6	22	1	- 3.3	10.7	10.9	+0.1	1	1	0	0	1	0	0	0	0	0
DOHAD	37.7	+1.8	41.0	01	25.6	0.0	22.3	15	0.0	4.8	-103.4	4.8	15	1	- 3.8	30.7	32.1	+2.5	0	1	0	0	2	0	0	0	0	0
VALLABH VIDYANAGAR	39.4	..	44.5	06	26.9	..	24.1	04	0.4	5.6	..	4.8	15	1	..	14.8	13.2	..	0	3	0	0	0	0	2	0	0	0
BARODA AERODROME	38.7	+2.0	42.0	01	27.4	+0.4	25.1	15	0.0	1.2	- 91.1	1.2	15	0	- 4.2	17.7	18.2	+2.6	0	1	0	0	2	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - JUNE 1968 (JYAISTHA 11 - ASADHA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena - No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
GUJARAT REGION (INCLUDING DAMAN DADRA AND NAGAR HAVELI)																												
BARODA	39.0	+1.8	42.5	02	27.6	+0.5	24.5	15	0.0	3.6	- 95.7	3.6	15	1	- 3.3	13.6	13.3	+3.5	0	1	0	0	0	0	0	0	0	0
BROACH	..	..	..	..	..	..	..	..	..	0.0	-154.2	0.0	..	0	- 7.4	8.1	5.8	-6.3	0	0	0	0	0	0	0	0	0	0
SURAT	34.3	+0.6	35.8	16	26.3	-0.8	23.9	19	40.2	128.4	- 68.2	49.6	19	4	- 3.4	19.5	15.5	+3.3	1	5	0	0	0	0	0	0	0	0
SAURASHTRA AND KUTCH (INCLUDING DIU)																												
NALIYA	33.5	-0.1	36.2	16	26.9	-0.1	24.4	01	0.0	0.0	- 51.7	0.0	..	0	- 2.3	28.5	23.8	+0.3	0	0	0	0	0	0	0	0	0	0
BHUJ (RUDRAMATA)	37.4	+0.7	40.3	05	27.0	-0.4	24.9	01	0.0	0.0	- 26.9	0.0	..	0	- 1.5	27.8	24.1	+3.1	0	0	0	0	0	0	0	0	0	0
KANDLA AERODROME	38.1	..	40.6	05	27.2	..	25.1	01	0.0	0.0	..	0.0	..	0	..	37.9	33.4	..	0	0	0	0	0	0	0	0	0	0
NEW KANDLA	35.2	+0.4	38.6	16	27.4	-0.2	25.9	01	0.0	3.8	- 53.9	2.4	18	0	- 3.0	37.9	33.7	+3.1	0	2	0	0	1	0	0	0	0	0
MANDVI	32.8	-0.2	34.4	16	27.5	-0.9	26.5	01	0.0	0.0	- 27.2	0.0	..	0	- 1.5	..	..	..	0	0	0	0	0	0	0	0	0	0
SURENDRANAGAR	40.3	+1.2	43.9	04	27.2	0.0	24.8	01	0.0	0.0	- 53.9	0.0	..	0	- 3.7	18.9	20.2	0.0	0	0	0	0	2	0	0	0	0	0
OKHA	32.5	..	35.1	17	27.3	..	26.0	01	0.2	0.2	..	0.2	18	0	..	27.6	26.1	..	1	0	0	0	0	0	0	0	0	0
JAMNAGAR AERODROME	36.5	+0.6	39.5	04	26.6	-0.5	24.2	01	8.4	10.7	- 50.5	9.7	19	1	- 1.8	..	..	..	0	2	0	0	0	0	0	0	0	0
DWARKA	31.8	-0.1	32.7	23	27.9	-0.3	26.7	01	3.0	5.0	- 39.2	3.0	19	1	- 1.1	14.4	14.0	-9.5	0	2	0	0	0	0	0	0	0	0
RAJKOT	39.1	+1.3	42.3	04	26.0	-0.2	23.5	01	0.0	12.4	- 80.6	9.2	15	2	- 3.3	34.6	32.0	+3.9	0	2	0	0	2	0	0	0	0	0
BHAUNAGAR AERODROME	39.1	+1.5	43.3	05	27.1	0.0	24.8	01	15.1	57.8	- 14.7	41.1	23	3	- 2.6	29.9	27.7	+2.4	1	3	0	0	3	0	0	0	0	0
PORBANDER AERODROME	32.8	+0.7	34.2	17	27.7	-0.3	24.8	01	3.8	8.8	- 75.6	5.0	19	2	- 2.2	25.2	20.9	..	0	4	0	0	0	0	0	0	0	0
KESHOD	35.0	+0.7	36.8	02	26.5	+0.1	24.7	19	29.2	36.5	- 84.4	28.8	20	3	- 3.8	..	..	..	1	4	0	0	1	0	0	0	0	0
MAHUVA	34.0	..	35.3	08	26.0	..	22.7	01	31.2	35.1	-104.6	24.5	23	2	- 3.1	23.0	18.3	..	0	5	0	0	0	0	0	0	0	0
VERAVAL	31.9	+0.6	33.5	17	27.1	-0.5	25.4	01	8.6	11.2	-102.6	5.8	20	2	- 1.6	24.2	24.3	+1.8	1	5	0	0	0	0	0	0	0	0
DIU	32.2	..	32.8	04	26.7	..	21.0	12	4.0	16.3	..	5.0	20	3	..	25.4	21.2	..	0	6	0	0	1	0	0	0	0	0
KONKAN (INCLUDING GOA)																												
DAHANU	33.2	+1.1	37.8	01	27.5	+1.1	24.8	19	92.9	161.9	-307.5	67.6	21	8	- 4.0	22.5	21.3	+2.9	0	8	0	0	0	0	0	0	0	0
BOMBAY (SANTACRUZ)	32.9	+1.2	34.7	16	26.3	+0.4	23.3	28	79.3	230.3	-360.8	94.8	28	9	- 5.8	20.2	15.7	+0.6	1	13	0	0	7	1	0	0	1	0
BOMBAY	32.7	+0.8	34.0	05	26.5	+0.2	23.3	28	42.5	178.0	-286.8	58.6	22	11	- 3.2	13.0	11.6	-1.2	2	16	0	0	1	0	0	0	6	0
ALIBAG	31.5	+0.7	34.3	05	26.2	+0.2	22.9	28	..	188.8	-322.3	36.2	27	11	- 4.2	.	20.8	+0.7	0	15	0	0	0	0	0	0	0	0
BHIRA	33.5	..	40.5	01	24.6	..	22.3	28	248.0	545.0	..	212.4	22	15	..	4.5	2.8	..	0	16	0	0	0	0	0	0	0	0
HARNAI	29.8	0.0	31.6	04	25.8	+0.1	23.0	27	64.2	342.4	-334.6	107.2	27	16	- 2.6	15.8	15.3	-0.8	0	16	0	0	0	0	0	0	0	0
RATNAGIRI	30.8	+0.3	33.4	04	25.3	+0.1	21.9	23	239.5	728.2	- 41.7	194.2	23	18	- 2.4	17.0	8.7	..	0	19	0	0	1	0	0	0	0	0
DEVGARH	30.9	+0.6	34.2	11	24.1	-1.2	20.9	28	295.0	734.4	+ 74.2	139.6	13	20	0.0	19.4	18.8	-2.3	0	21	0	0	2	0	0	0	0	0
VENGURLA	30.6	+0.4	34.0	11	24.6	+0.1	21.8	23	190.2	778.2	-155.2	162.7	23	18	- 3.8	11.3	7.2	..	1	20	0	0	7	0	0	0	0	0
PANJIM	29.9	..	32.9	04	24.7	..	21.2	24	225.0	715.0	..	100.8	12	21	..	17.1	14.7	..	1	22	0	0	6	0	0	0	0	0
MORMUGAO	29.6	+0.2	32.0	04	25.0	+0.3	22.3	24	202.9	644.3	-150.4	114.6	12	20	- 1.7	16.5	15.8	-3.2	0	22	0	0	4	0	0	0	0	0
DABOLIM (NAVAL AIR STN.)	..	..	..	..	25.0	..	22.2	24	272.5	776.3	..	168.3	12	22	..	12.5	10.1	..	0	24	0	0	10	0	0	0	0	0
MADHYA MAHARASHTRA																												
NANDURBAR	37.3	+0.8	42.5	01	25.8	-0.1	24.1	15	0.0	21.2	- 66.8	13.2	15	2	- 3.8	19.6	17.6	+2.7	0	4	0	0	0	0	0	0	0	0
JALGAON	39.7	+1.6	45.2	01	26.5	+0.5	23.4	24	3.0	23.4	-106.1	10.4	27	4	- 3.0	30.6	26.9	+6.0	0	4	0	0	0	0	0	0	0	0
MALEGAON	37.3	+1.2	42.6	02	22.9	-1.3	21.0	16	5.7	21.2	- 89.3	13.7	15	3	- 3.2	19.3	16.3	+3.1	0	3	0	0	0	0	0	0	0	0
OZAR	34.2	..	39.7	01	21.6	..	19.0	02	33.5	50.7	..	21.9	24	4	..	27.6	22.3	..	1	7	0	0	4	0	0	0	0	0
AHMADNAGAR	36.2	+2.5	41.6	02	22.7	+0.2	21.0	27	7.9	41.1	- 87.2	9.2	11	5	- 2.2	14.3	10.9	+0.7	1	8	0	0	5	0	1	0	0	0
KHANDALA	33.2	..	38.9	01	22.1	..	20.0	02	21.4	51.9	..	20.6	22	4	..	..	..	..	1	8	0	0	9	0	0	0	0	0
POONA AERODROME	33.2	+1.3	39.2	01	23.3	+0.4	20.0	02	19.9	67.1	- 40.3	38.6	22	4	- 3.0	16.4	13.1	..	4	8	0	0	5	0	0	0	0	0
POONA	34.9	0.0	41.9	03	23.0	+0.1	21.3	27	26.0	98.9	+ 10.1	22.1	30	7	+ 1.3	19.8	17.3	0.0	2	7	0	0	0	0	0	0	0	0
JEUR	35.1	+1.3	41.8	01	23.1	+0.2	20.6	09	3.2	70.7	- 17.5	32.4	09	5	- 0.6	20.2	17.0	+0.7	0	8	0	0	8	0	1	0	0	0
BARAMATI	34.9	-0.1	42.5	01	23.4	-0.1	21.0	27	49.2	105.8	- 7.7	21.7	06	9	+ 2.2	13.0	11.2	-1.3	1	16	0	0	5	0	0	0	0	0
SHOLAPUR	32.6	+1.0	40.4	01	21.9	-0.4	18.4	01	17.4	62.8	- 7.6	25.4	01	4	- 1.8	..	..	..	1	8	0	0	6	0	0	0	0	0
MIRAJ	31.0	+1.0	37.2	01	21.8	-0.2	20.0	23	34.9	99.0	- 14.5	22.2	23	8	+ 0.2	18.4	13.5	-4.1	0	13	0	0	2	0	0	0	0	0
KOLHAPUR	35.0	..	40.0	12	30.5	..	27.8	28	..	223.8	..	80.0	15	6	..	..	..	..	0	6	0	0	0	0	0	0	0	0
NASIK	..	..	..	..	..	..	..	..	..	15.0	..	13.6	22	1	..	..	..	..	0	2	0	0	0	0	0	0	0	0
MARATHWADA																												
AURANGABAD	36.4	+1.7	42.0	02	23.6	+0.4	21.6	27	25.2	54.4	- 79.7	26.3	15	5	- 2.7	22.2	21.8	+2.6	0	6	0	0	1	0	0	0	0	0
AURANGABAD (CHIKALTHANA)	36.3	+1.6	41.6	02	22.1	-0.9	20.0	27	37.2	56.1	- 94.1	23.3	15	4	- 4.8	20.9	18.3	-1.6	1	7	0	0	5	0	0	0	0	0
PARBHANI	38.0	+1.1	44.1	02	24.3	-0.4	21.0	27	25.0	108.4	- 45.5	45.4	27	8	- 0.1	15.1	12.7	-3.1	0	10	0	0	7	0	0	0	0	0
NANDER	37.9	..	44.6	02	24.2	..	21.2	28	41.2	111.8	..	40.6	27	9	..	11.1	10.4	..	0	10	0	0	4	0	0	0	0	0
BIR	36.7	..	43.0	01	24.4	..	21.4	27	14.4	42.7	..	12.2	13	5	..	.	10.2	..	0	12	0	0	1	0	0	0	0	0
VIDARBHA																												
GONDIA	38.5	+0.4	45.0	02	27.1	-0.3	22.9	27	35.3	174.3	+ 12.1	44.6	28	6	- 2.5	5.8	5.0	-2.0	0	9	0	0	3	0	0	0	0	0
NAGPUR (SONEGAON)	38.6	+0.2	45.1	02	26.7	-0.2	22.2	16	51.0	176.5	- 45.5	53.4	16	11	+ 1.1	17.5	15.2	+0.3	1	15	0	0	12	0	0	0	8	0
AMRAOTI	38.5	+1.5	45.5	02	25.9	+0.2	21.3	17	23.5	83.7	- 71.5	27.8	17	8	- 0.3	20.1	17.3	+1.7	0	10	0	0	8	0	0	0	0	0
AKOLA AERODROME	39.3	..	44.9	02	25.4	..	21.4	27	33.7	38.4	..	12.6	27	4	..	19.2	17.1	..	1	6	0	0	9	0	1	0	0	0
AKOLA	38.8	+1.4	44.2	02	25.9	-0.3	21.8	27	22.6	41.3	- 94.3	18.0	14	4	- 3.9	16.6	15.9	+1.2	1	5	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — JUNE 1968 (JYAISTHA 11 - ASADHA 9,1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20a	20b	21	22	23	24	25	26	27	28
BRAMHAPURI	39.2	+1.2	45.2	02	24.4	-2.0	19.6	26	31.3	112.0	- 23.5	67.2	26	5	- 3.7	11.6	9.5	+0.6	0	9	0	0	0	0	0	0	0	0
BULDANA	35.4	+1.5	40.7	02	22.3	-1.2	18.8	27	7.2	26.7	-132.7	15.5	27	2	- 6.8	14.8	14.3	-0.5	0	5	0	0	1	0	0	0	0	0
YEOTMAL	38.4	+1.5	44.7	02	25.4	0.0	21.3	17	13.0	89.4	- 95.7	27.6	17	8	- 1.2	23.1	21.0	+2.0	0	11	0	0	11	0	2	1	0	0
CHANDRAPUR	39.4	+1.7	46.2	02	28.2	+1.3	23.4	27	24.7	134.8	- 59.8	64.8	26	6	- 3.6	17.9	13.3	+3.3	0	9	0	0	13	0	0	0	0	0
PUSAD	37.5	..	45.0	02	..	..	..	..	17.4	76.2	..	19.6	26	8	..	16.4	13.3	..	0	9	0	0	6	0	0	0	0	0
SIRONCHA	39.3	+1.4	45.9	01	26.9	-0.8	20.3	29	20.0	81.2	-123.3	32.4	26	5	- 3.7	9.5	7.2	+0.2	0	8	0	0	0	0	0	0	0	0
WARDHA	39.2	..	46.3	02	25.0	..	20.6	17	43.6	146.4	..	69.8	17	7	..	14.1	12.2	..	0	12	0	0	2	0	0	0	0	0
BHANDARA	38.6	..	44.5	13	24.4	..	20.3	16	15.6	97.1	..	47.6	16	6	..	4.5	3.3	..	0	8	..	..	..	..	..	.	..	.
COASTAL ANDHRA PRADESH																												
KALINGAPATAM	34.2	+0.6	37.6	23	26.5	-0.6	22.6	02	7.1	76.7	- 35.8	31.4	08	7	+ 0.9	15.7	12.9	-2.1	0	9	0	0	5	0	0	0	0	0
VISHAKHAPATNAM	36.1	+2.4	39.0	23	27.4	0.0	21.9	03	22.6	85.2	- 15.6	26.9	02	4	- 2.3	20.1	15.9	+2.2	2	7	0	0	14	0	0	0	6	0
KAKINADA	37.6	+1.7	40.2	17	27.8	+0.7	24.2	06	16.8	35.5	- 86.2	15.6	30	3	- 4.3	15.3	11.3	-0.8	0	8	0	0	1	0	0	0	0	0
NIDADAVOLE	38.4	+2.3	42.4	08	27.4	+1.1	24.5	04	2.8	11.4	-143.6	7.6	03	2	- 6.1	18.6	13.4	+0.9	0	3	0	0	0	0	0	0	0	0
RENTACHINTALA	39.1	+1.3	45.6	01	28.2	+0.4	24.6	22	0.0	22.0	- 63.6	9.0	22	3	- 3.3	14.9	12.7	-1.8	0	3	0	0	3	0	0	0	0	0
GANNAVARAM	38.8	+1.3	43.5	01	27.6	+0.3	24.5	26	5.3	74.6	- 81.2	23.1	30	7	- 1.5	22.3	17.8	+0.2	0	8	0	0	3	0	0	0	0	0
MASULIPATAM	37.1	+0.7	41.3	11	26.2	-1.2	23.0	26	10.8	38.6	- 55.1	12.8	30	3	- 3.1	6.6	5.3	-9.2	1	8	0	0	1	0	0	0	0	0
ONGOLE	40.0	+2.6	45.2	01	..	..	..	..	0.0	27.7	- 20.9	10.5	30	2	- 1.5	13.6	11.4	-0.2	0	2	0	0	0	0	0	0	0	0
NELLORE	39.9	+1.7	43.8	01	28.6	+0.4	24.4	30	14.8	40.1	+ 3.5	18.4	18	4	+ 1.0	..	..	..	0	4	0	0	1	0	0	0	0	0
VISHAKHAPATNAM(SOLAR)	33.1	..	36.1	18	26.5	..	21.8	08	..	119.9	..	49.5	02	7	..	.	9.7	..	0	9	0	0	9	0	0	0	0	0
TELANGANA																												
RAMGUNDAM	39.0	+0.4	44.6	04	27.6	-0.6	22.8	18	23.6	69.7	- 92.5	23.8	18	4	- 3.1	10.5	10.1	+1.1	2	9	0	0	5	0	0	0	0	0
NIZAMABAD	37.6	+1.4	44.9	02	26.1	+0.7	21.7	26	14.2	113.4	- 35.2	29.2	26	9	+ 0.4	14.8	11.8	+2.9	0	12	0	0	5	0	0	0	0	0
HANAMKONDA	36.9	+0.4	43.3	01	26.7	0.0	23.3	27	28.4	68.6	- 77.5	10.8	30	8	0.0	12.3	12.8	-0.3	0	10	0	0	4	0	0	0	0	0
HAKIMPET AERODROME	35.9	..	42.4	02	23.7	..	20.8	26	6.7	104.8	..	28.8	26	9	..	..	..	..	0	13	0	0	9	0	0	0	2	0
BHADRACHALLAM	38.8	+1.2	45.0	01	28.5	+1.0	24.6	30	13.0	32.3	-129.5	11.0	15	4	- 6.0	9.7	8.5	-1.7	0	9	0	0	5	0	1	0	0	0
HYDERABAD(BEGAMPET)	35.6	+1.5	42.0	02	22.6	-1.5	19.7	27	21.4	82.7	- 31.1	36.2	22	9	+ 2.4	19.7	17.6	-6.2	1	15	0	0	6	0	0	0	8	0
KHAMMAM	38.2	+0.6	45.0	01	27.7	+0.5	24.3	22	2.5	57.1	- 65.4	29.5	30	3	- 4.2	13.1	10.8	-0.1	0	6	0	0	5	0	0	0	0	0
MAHBUBNAGAR	35.6	+1.8	42.2	04	24.6	+0.6	21.8	28	11.6	76.6	- 46.0	20.6	28	7	- 1.1	14.7	13.0	-2.2	0	11	0	0	1	0	0	0	0	0
RAYALASEEMA																												
KURNOOL	37.1	+1.5	42.6	03	25.1	+0.1	23.2	30	8.6	63.2	- 12.7	40.1	07	4	- 1.2	20.0	18.9	-2.2	0	7	0	0	0	0	0	0	0	0
NANDYL	38.3	..	42.9	01	26.2	..	23.6	30	8.6	40.8	..	10.8	30	5	..	17.1	14.7	..	0	8	0	0	3	0	0	3	0	0
ANANTAPUR	36.0	+1.3	40.5	03	25.3	+0.6	22.6	07	10.7	32.8	- 17.0	20.9	07	2	- 1.1	21.9	19.2	+0.8	2	3	0	0	6	0	0	0	0	0
CUDDAPAH	36.9	-0.1	40.9	04	27.3	+0.4	24.3	19	2.8	35.8	- 35.8	11.8	19	3	- 1.7	11.4	9.1	-0.8	0	6	0	0	0	0	0	0	0	0
AROGYAVARAM	33.3	+1.3	36.8	02	22.5	-0.2	20.0	07	11.0	62.5	+ 6.3	31.0	07	3	- 1.0	17.3	14.3	+0.5	0	5	0	0	0	0	0	0	0	0
MADRAS STATE(INCLUDING PONDICHERRY)																												
MADRAS	37.3	+0.6	39.7	17	27.2	0.0	22.1	20	0.0	123.4	+ 73.9	56.2	20	4	- 0.2	14.7	12.0	+2.1	0	7	0	0	4	0	0	0	0	0
MADRAS(MINAMBAKKAM)	38.0	+0.7	40.7	01	27.4	-0.2	23.3	19	0.0	25.6	- 19.1	8.8	20	4	+ 0.2	17.6	15.1	-1.3	0	6	0	0	6	0	0	3	0	0
VELLORE	37.0	+1.0	40.7	05	25.7	-0.6	22.7	19	0.0	125.4	+ 55.3	43.7	05	5	+ 0.2	12.2	11.6	+1.8	0	7	0	0	9	0	0	0	0	0
TAMBARAM AERODROME	39.4	..	42.7	05	27.1	..	22.8	19	0.5	43.4	..	10.9	21	5	..	..	..	..	0	6	0	0	6	0	0	0	0	0
TIRUPPATTUR	34.5	-0.4	37.3	10	22.6	-1.1	20.1	18	0.0	0.0	- 54.8	0.0	..	0	- 3.6	7.1	4.7	-2.8	0	0	0	0	0	0	0	0	0	0
METTUR DAM R.S	35.9	..	38.3	06	25.2	..	23.1	22	6.2	13.1	..	5.4	12	2	..	7.6	7.8	..	0	7	0	0	0	0	0	0	0	0
CUDDALORE	37.3	+0.4	40.6	05	26.8	-0.2	25.0	18	1.0	3.8	- 30.2	2.0	22	0	- 2.6	13.9	12.4	+0.6	0	3	0	0	1	0	0	0	0	0
KALLAKKURICHCHI	37.4	+0.3	40.8	06	..	..	..	..	0.0	48.6	- 6.1	22.0	07	5	+ 1.2	..	..	..	0	5	0	0	1	0	0	0	0	0
SALEM	35.3	+0.4	38.4	05	24.8	+0.4	23.0	19	9.1	76.3	- 7.0	30.5	19	6	+ 0.5	7.8	7.3	-2.3	0	7	0	0	8	0	0	0	0	0
COIMBATORE(PILAMEDU)	32.5	+1.1	35.8	07	22.2	-0.1	20.6	29	0.7	9.4	- 21.3	5.0	12	1	- 1.9	35.1	28.8	-3.8	0	6	0	0	1	0	0	0	0	0
COIMBATORE	31.9	+1.4	35.5	05	21.9	-0.6	21.1	29	..	12.8	- 22.8	3.2	23	3	- 0.5	.	14.7	-1.6	0	6	0	0	0	0	0	0	0	0
NAGAPATTINAM	37.2	+0.6	40.6	05	27.6	+0.6	25.5	07	2.0	3.6	- 23.1	2.0	20	0	- 2.0	17.0	14.2	+1.7	0	2	0	0	3	0	0	0	0	0
TIRUCHCHIRAPPALLI	37.5	+1.1	39.7	05	26.3	-0.2	23.8	01	4.1	22.8	- 16.8	7.4	01	4	+ 1.7	19.3	16.6	-2.3	0	7	0	0	3	0	1	0	1	0
VEDARANNIYAM	34.6	..	37.2	05	26.2	..	24.9	22	0.0	0.0	..	0.0	..	0	..	13.1	11.4	..	0	0	0	0	0	0	0	0	0	0
ATIRAMPATTINAM	34.7	..	39.0	05	26.7	..	24.0	07	6.2	13.0	..	6.2	22	3	..	20.0	14.8	..	0	3	0	0	0	0	0	0	0	0
MADURAI	37.5	+0.8	40.4	06	25.1	-1.2	23.7	21	..	47.4	+ 9.5	31.4	02	2	- 0.7	.	5.4	-4.2	0	2	0	0	3	0	0	0	0	0
MADURAI AERODROME	36.5	+0.3	38.9	05	25.1	-0.4	22.6	21	4.6	81.9	+ 41.3	39.8	02	3	0.0	15.8	13.3	-0.8	0	4	0	0	9	0	0	0	0	0
TONDI	34.8	+1.6	37.5	13	25.8	-0.3	24.7	01	0.0	15.5	- 17.0	6.2	18	1	- 0.7	21.4	15.5	-7.1	0	1	0	0	0	0	0	0	0	0
PAMBAN	31.9	0.0	34.1	05	26.4	-0.7	23.3	15	0.0	0.0	- 3.8	0.0	..	0	- 0.3	23.0	22.0	+1.7	0	0	0	0	0	0	0	0	0	0
TUTICORIN	35.7	+0.2	39.3	06	25.8	-1.0	24.2	14	0.0	0.0	- 4.9	0.0	..	0	- 0.5	21.2	17.3	-0.9	0	0	0	0	0	0	0	0	0	0
PALAYANKOTTAI	37.7	+2.4	39.8	17	..	..	..	..	0.0	0.0	- 10.2	0.0	..	0	- 1.0	18.1	14.4	-0.9	0	0	0	0	1	0	0	0	0	0
KANNIYAKUMARI	30.4	..	35.1	06	24.1	..	22.5	14	35.6	193.3	..	52.8	10	10	..	22.8	21.1	..	0	17	0	0	0	0	0	0	0	0
PONDICHERRY	36.6	..	40.7	05	26.4	..	23.9	23	0.0	22.8	..	17.2	23	2	..	18.0	15.8	..	0	3	0	0	2	0	0	0	0	0
PORTNOVO	36.9	..	39.5	04	24.7	..	21.3	18	..	9.8	..	5.2	19	2	..	.	13.3	..	0	3	0	0	6	0	2	0	0	0
TUTICORIN H.P	35.1	..	39.0	06	26.9	..	25.0	13	0.2	0.2	..	0.2	14	0	..	26.0	21.6	..	1	0	0	0	0	0	0	0	2	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - JUNE 1968 (JYAISTHA 11 - ASADHA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena - No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
COASTAL MYSORE																												
KARWAR	30.0	+0.6	33.2	14	24.5	-0.3	22.1	23	288.6	926.0	- 48.5	205.3	23	22	- 1.3	8.9	7.5	..	0	23	0	0	0	0	0	0	5	0
HONAVAR	30.0	+0.7	33.7	04	24.1	0.0	22.2	28	317.0	948.2	- 94.7	142.1	13	24	- 1.6	..	..	..	0	26	0	0	8	0	0	0	0	0
MANGALORE (BAJPE)	29.7	+0.6	34.2	01	23.0	-0.1	20.8	17	337.6	1011.3	+ 24.5	134.2	23	24	- 0.7	10.8	7.9	-0.5	0	25	0	0	8	0	0	1	0	0
MANGALORE	29.7	+0.3	32.6	05	22.1	-1.8	20.2	24	287.3	1017.7	+ 46.0	118.0	23	23	- 1.7	11.1	9.3	0.0	0	25	0	0	2	0	0	0	0	0
MANGALORE H.P.	29.8	..	33.3	05	23.6	..	21.3	28	320.6	917.6	..	98.2	21	22	..	11.5	9.5	..	0	25	0	0	14	0	0	1	12	0
INTERIOR MYSORE, NORTH																												
BIDAR	34.5	+1.2	41.6	02	23.1	+0.2	19.8	26	66.8	142.0	+ 15.5	49.8	23	7	- 0.4	20.5	18.8	-1.9	1	8	0	0	7	0	1	0	0	0
GULBARGA	36.0	+1.0	42.8	03	23.7	-0.1	20.0	08	11.0	90.9	- 15.5	41.0	08	6	- 0.8	19.7	16.2	-3.0	0	7	0	0	3	0	0	0	0	0
BIJAPUR	34.3	+1.0	41.5	01	22.5	+0.1	21.3	30	4.2	153.8	+ 77.6	64.2	10	5	- 0.1	13.7	12.5	-1.0	0	11	0	0	2	0	0	0	0	0
RAICHUR	34.4	-0.7	41.5	05	24.5	+0.4	20.4	07	15.9	98.7	+ 1.9	35.6	07	5	- 1.6	19.1	17.8	-2.9	0	9	0	0	0	0	0	0	0	0
BELGAUM	29.7	+2.2	36.6	01	21.0	+0.4	18.7	24	46.4	158.0	- 29.7	71.8	23	13	+ 0.7	8.8	6.0	-7.0	1	18	0	0	0	0	0	0	0	0
BELGAUM (SAMRA)	29.5	+0.8	36.2	01	20.9	+0.4	19.2	30	44.3	118.1	- 23.1	39.6	23	10	+ 2.1	20.9	16.1	-7.5	0	18	0	0	6	1	0	0	0	0
GADAG	32.5	+1.4	38.2	01	21.6	-0.3	20.5	30	17.2	34.9	- 36.2	13.0	06	4	- 1.3	19.1	17.2	-1.0	0	9	0	0	5	0	0	0	0	0
BIDAR A.F.	34.9	..	41.5	02	22.4	..	19.6	27	46.8	170.3	..	63.4	26	7	..	..	..	..	0	12	0	0	14	0	0	0	0	0
INTERIOR MYSORE, SOUTH																												
BELLARY	34.3	+0.6	39.0	01	24.7	0.0	20.4	07	129.0	133.0	+ 88.5	85.0	07	5	+ 1.9	15.5	14.6	+0.8	0	5	0	0	4	0	0	0	0	0
CHITRADURGA	31.4	+0.8	36.3	01	21.7	+0.3	20.5	29	20.2	47.0	- 14.7	13.6	29	6	+ 1.1	14.0	13.4	-0.8	1	10	0	0	4	0	0	0	0	0
SHIMOGA	..	..	..	..	..	..	..	..	54.8	83.7	- 62.1	24.3	07	6	- 3.9	7.8	5.8	-1.6	0	9	0	0	0	0	0	0	0	0
AGUMBE	25.4	..	30.4	01	19.2	..	18.0	29	..	1407.3	..	186.0	23	25	..	.	5.4	..	0	26	0	0	0	0	0	0	0	0
BALEHONNUR	27.1	+2.0	33.4	01	18.6	-0.2	17.0	25	..	356.4	- 45.4	53.2	24	17	- 3.8	..	..	..	0	22	0	0	1	0	0	0	0	0
HASSAN	25.6	-1.2	31.3	05	19.2	-0.2	18.4	29	32.2	70.2	- 13.9	16.6	23	7	- 1.7	11.2	7.9	-7.0	0	15	0	0	1	0	0	0	0	0
BANGALORE	30.0	+1.1	33.5	01	19.9	+0.2	18.4	24	11.8	177.9	+ 57.0	59.6	09	5	- 0.7	20.1	15.6	-1.5	1	11	0	0	3	0	0	0	2	0
BANGALORE AERODROME	29.9	+0.2	33.1	01	19.2	-0.7	17.8	24	9.4	91.2	+ 21.8	29.2	01	8	+ 2.0	..	..	..	2	11	0	0	5	0	0	0	1	0
MYSORE	28.1	-0.8	31.5	04	20.5	+0.3	19.1	10	15.4	58.2	- 2.3	39.4	01	3	- 2.5	19.4	14.5	+0.6	0	7	0	0	1	0	0	0	0	0
YALANKA A.F.	30.5	..	34.8	01	19.7	..	16.7	02	3.4	79.3	..	38.4	09	4	..	..	..	..	0	6	0	0	7	0	0	0	0	0
KERALA																												
CALICUT	29.7	+0.2	33.7	01	23.6	-0.2	22.0	29	240.6	1003.2	+179.0	152.8	11	25	+ 0.8	10.2	7.6	-2.2	0	25	0	0	1	0	0	0	0	0
PALGHAT	30.4	+1.1	36.0	03	23.2	-0.1	20.8	21	210.4	381.3	- 29.8	66.0	14	16	- 5.1	14.9	12.7	-0.3	0	21	0	0	0	0	0	0	0	0
FORT COCHIN	29.1	+0.1	31.9	05	23.1	-1.0	21.3	29	178.9	672.1	- 59.2	98.8	11	22	- 2.9	11.8	9.7	+0.6	0	24	0	0	4	0	0	0	0	0
COCHIN (NAVAL AIR STATION)	29.8	..	32.4	02	23.7	..	21.4	29	188.6	688.2	..	73.1	11	24	..	10.6	9.1	..	0	24	0	0	12	0	0	3	8	0
ALLEPPEY	29.5	0.0	32.8	01	23.9	0.0	22.3	30	211.4	848.6	+113.2	86.8	10	24	+ 0.5	13.2	11.6	-1.0	0	27	0	0	7	0	0	0	0	0
PUNALUR	31.1	+0.7	34.6	07	22.5	-0.8	21.3	16	117.0	605.0	+ 54.7	77.6	21	21	+ 1.9	3.7	2.8	-0.9	0	23	0	0	0	0	0	0	0	0
TRIVANDRUM	29.7	+0.3	32.9	06	23.0	-0.6	20.5	29	160.7	366.1	+ 9.7	70.4	12	19	+ 0.9	14.4	10.0	+0.4	0	25	0	0	4	0	0	0	1	0
TRIVANDRUM AERODROME	30.1	+0.4	32.4	07	23.7	-0.1	21.2	29	..	404.1	+ 34.1	64.7	12	16	- 1.3	.	11.9	+3.9	0	21	0	0	2	0	0	0	3	0
ARABIAN SEA ISLANDS																												
AMINI	30.5	+0.4	33.8	01	25.5	-0.4	23.6	24	177.0	401.2	+ 20.5	79.0	13	15	- 2.3	32.2	32.5	+2.8	1	21	0	0	5	0	0	2	0	0
AGATTI	30.6	..	32.0	02	..	..	..	..	129.1	431.2	..	50.7	17	18	..	25.4	20.4	..	0	22	0	0	8	0	0	0	0	0
ANDROTH	30.8	..	34.0	06	25.0	..	22.7	15	318.9	438.2	..	90.4	11	18	..	6.3	5.3	..	0	22	0	0	0	0	0	0	0	0
MINICOY	30.0	0.0	32.2	01	24.0	-1.3	21.4	12	172.3	349.4	+ 40.3	63.9	24	19	+ 1.6	17.6	15.6	-1.5	0	22	0	0	6	0	0	0	0	0
HILL STATIONS (EXCLUDING KASHMIR)																												
DALHOUSIE	28.0	+0.1	30.8	18	17.2	-0.9	11.2	04	19.6	84.6	- 35.0	32.4	26	7	+ 0.4	0.0	0.0	-4.8	0	11	0	0	3	0	0	0	0	0
DHARMASALA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
BHUNTAR	33.1	..	36.5	18	17.5	..	13.4	01	7.3	59.0	..	19.0	25	5	..	6.2	6.8	..	2	10	0	0	15	0	0	0	0	0
SIMLA	23.8	-0.5	27.3	01	14.4	-1.8	9.0	03	98.5	291.2	+142.1	67.9	03	15	+ 5.6	3.7	3.1	-0.6	0	17	0	0	0	0	3	0	0	0
DHARMPUR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
GHANGARIA (KANJALIA TOK)	20.2	..	21.9	02	10.1	..	7.4	29	..	152.2	..	40.0	26	12	..	0.0	0.0	..	0	14	0	0	0	0	0	0	0	0
BADRINATH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
JOSHIMATH	26.3	-1.1	33.2	10	16.1	-0.9	13.0	03	3.2	120.2	- 0.7	44.8	08	10	- 0.2	6.9	4.4	-1.5	0	11	0	0	0	3	0	0	0	0
MUSSOORIE	21.7	-2.4	28.1	01	13.4	-3.0	9.2	03	72.0	221.1	+ 10.1	63.2	28	13	+ 3.7	9.7	8.1	+0.8	0	17	0	0	9	0	0	0	0	0
MUKTESWAR (KUMAUN)	22.6	-0.6	27.8	01	13.2	-1.6	10.4	28	77.2	202.0	+ 26.0	72.0	24	12	+ 2.3	9.7	8.1	-7.3	0	17	0	0	9	0	0	0	0	0
NAINITAL	22.0	-2.0	26.0	01	15.7	-1.2	10.3	02	149.5	572.0	+298.7	80.0	24	22	+10.6	8.1	6.2	-1.3	0	25	0	0	0	0	0	0	0	0
KALIMPONG	25.9	+1.5	27.4	28	18.8	-0.1	17.0	04	133.5	362.9	- 46.3	48.6	18	20	+ 2.9	7.5	7.5	-0.3	0	28	0	0	0	0	0	0	0	0
DARJEELING	18.9	-0.4	22.3	26	13.2	-1.5	11.4	04	217.7	496.0	-101.1	58.6	22	23	+ 1.9	3.8	3.0	+0.4	0	27	0	0	0	11	0	0	0	0
KOHIMA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SHILLONG (C.S.O.)	23.5	-1.0	28.7	17	16.9	-1.0	15.0	03	149.1	477.5	+ 1.8	67.5	28	26	+ 5.7	6.9	6.1	+1.4	0	29	0	0	4	0	0	0	0	0
CHERRAPUNJI	21.4	-1.5	24.0	08	16.3	-1.0	14.0	10	493.4	3496.1	+817.9	485.3	16	27	+ 1.6	8.8	9.5	-2.4	0	27	0	0	0	0	0	0	0	0
ABU	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
AIJAL	24.6	-0.7	28.6	23	18.6	-0.1	16.2	20	27.9	70.6	-343.2	9.0	19	11	-10.2	..	..	..	2	25	0	0	0	0	0	0	0	0
PACHMARHI	32.3	+0.9	37.0	03	23.2	+0.7	19.0	27	16.4	50.2	-151.7	25.0	17	4	- 5.7	10.2	9.1	+1.4	0	6	0	0	10	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — JUNE 1968 (JYAISTHA 11 - ASADHA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena - No. of days with										
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
HILL STATIONS(EXCLUDING KASHMIR)																												
MAHABALESHWAR	24.0	+2.1	32.9	01	17.3	+0.4	14.4	27	180.9	493.8	-446.0	138.1	22	18	- 3.2	.	14.6	-0.2	0	19	0	0	1	20	0	0	0	0
MERCARA	23.0	+1.1	28.0	01	14.6	-2.8	11.4	29	170.2	412.6	-193.7	52.2	25	18	- 5.0	15.1	12.8	-0.7	1	21	0	0	4	0	0	0	0	0
OOTACAMUND	20.1	+2.1	23.6	01	10.2	-0.9	8.0	15	66.8	129.1	- 26.9	29.4	09	12	- 1.3	9.9	5.9	-4.1	0	18	0	0	1	0	0	0	0	0
COONOOR	23.6	+1.3	27.1	03	12.8	-2.4	9.6	05	..	54.8	- 8.0	13.6	09	7	+ 0.9	..	..	..	0	14	0	0	0	0	0	0	0	0
KODAIKANAL	19.1	+0.6	22.9	04	12.0	-0.2	10.5	07	106.7	126.6	+ 18.4	28.6	18	9	- 1.1	11.2	13.3	-1.3	3	15	0	0	8	0	0	0	0	0
NEPAL																												
KATMANDU	26.9	-2.6	29.6	01	18.8	-0.3	16.2	03	114.3	330.8	+123.3	48.4	09	21	+ 7.0	2.8	1.5	-0.2	2	27	0	0	16	0	0	0	0	0
SIKKIM																												
LACHEN.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
HYDROMETEOROLOGICAL OBSERVATORIES																												
DAMODAR CATCHMENT																												
TILAIYA	32.2	..	40.5	01	24.1	..	21.7	05	186.7	526.7	..	175.0	16	15	..	10.7	8.4	..	0	17	0	0	0	0	0	0	0	0
HAZARIBAGH	31.0	..	39.5	01	21.9	..	20.0	11	172.7	301.2	..	76.6	16	12	..	9.2	6.1	..	0	21	0	0	13	0	1	0	0	0
KONAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
BOKARO	34.2	..	42.0	01	23.9	..	19.7	04	103.9	321.0	..	98.4	30	14	..	11.0	8.4	..	0	20	0	0	0	0	0	0	0	0
MAITHON	33.5	..	39.5	21	23.3	..	20.5	17	239.6	398.2	..	153.1	18	15	..	4.7	4.1	..	0	22	0	0	22	0	0	0	0	0
RAMGARH	35.7	..	42.7	01	24.3	..	21.8	04	102.8	197.3	..	32.0	26	14	..	7.9	5.3	..	1	24	0	0	12	0	6	0	0	0
PANCHET HILLS	32.7	..	39.2	01	25.6	..	23.0	03	184.8	369.4	..	98.7	17	17	..	7.9	5.8	..	0	21	0	0	2	0	0	0	0	0
DURGAPUR	33.0	..	38.4	01	24.1	..	21.0	03	207.6	472.9	..	93.8	15	18	..	25.1	22.8	..	0	20	0	0	0	0	0	0	0	0
MAHANADI CATCHMENT																												
GINARAHAR	34.3	..	43.3	01	23.1	..	20.4	08	..	482.4	..	152.8	18	19	..	..	..	..	0	23	0	0	21	0	0	0	0	0
HIRAKUD	37.4	..	43.5	01	26.9	..	23.6	24	19.8	169.2	..	65.0	24	8	..	6.0	5.8	..	0	13	0	0	9	0	3	0	0	0
BHIMKUND	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SONEPUR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
KHIJRAWAN	36.4	..	43.5	01	25.9	..	22.1	25	54.4	230.2	..	69.8	26	9	..	16.5	12.3	..	1	13	0	0	10	0	0	0	0	0
NARMADA CATCHMENT																												
BAGRA TAWA	39.0	..	44.0	08	25.8	..	20.1	17	39.1	108.5	..	38.6	17	7	..	15.4	12.5	..	1	8	0	0	4	0	0	0	0	0
PUNASA	38.4	..	44.1	03	..	..	..	..	0.0	111.4	..	76.0	16	3	..	4.2	3.8	..	0	5	0	0	0	0	0	0	0	0
THIKRI	39.8	..	44.6	02	26.6	..	22.5	15	..	58.5	..	38.5	16	3	..	..	..	..	0	5	..	..	..	..	..	.	..	.
SABARMATI CATCHMENT																												
DAROI	40.3	..	43.0	06	26.4	..	24.2	25	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
GANDAK CATCHMENT																												
JAMOSOM	24.5	..	26.6	26	12.3	..	9.1	04	0.0	4.0	..	1.0	04	0	..	..	..	..	0	4	..	..	..	..	..	.	..	.
KHUDI BAZAR	27.9	..	30.2	09	20.4	..	18.1	01	103.6	552.1	..	63.8	28	28	..	..	..	..	0	29	..	..	..	..	..	.	..	.
TIMURE	25.4	..	28.9	01	17.0	..	14.4	03	20.4	155.3	..	17.8	27	19	..	..	..	..	0	23	..	..	..	..	..	.	..	.
POKHARA	28.7	..	31.3	26	21.0	..	18.4	01	88.4	733.7	..	105.9	16	17	..	5.9	4.1	..	0	26	0	0	17	0	0	0	0	0
GORKHA	27.5	..	30.6	09	18.8	..	16.7	05	41.3	403.1	..	111.7	19	17	..	..	..	..	1	24	0	0	12	18	0	0	0	0
NUWAKOT	28.7	..	33.0	01	20.6	..	18.0	03	110.1	181.7	..	39.0	21	13	..	..	..	..	0	14	..	..	..	..	..	.	..	.
GHAGHARA CATCHMENT(TRANS HIMALAYAN REGION)																												
DAILEKH	26.5	..	34.7	01	18.7	..	14.4	01	43.4	538.2	..	92.4	23	21	..	..	..	..	0	23	..	..	..	..	..	.	..	.
GHAGHARA CATCHMENT																												
SALLYANA	25.5	..	30.5	01	18.1	..	14.2	04	140.4	254.4	..	37.7	16	16	..	..	..	..	0	19	..	..	..	..	..	.	..	.
BUTWAL	33.1	..	36.9	09	24.7	..	21.4	11	104.2	402.6	..	102.0	16	19	..	..	..	..	0	22	..	..	..	..	..	.	..	.
BAGHMATI CATCHMENT																												
KATMANDU	SEE UNDER NEPAL				..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
KOSI CATCHMENT																												
CHAUTARA	27.1	..	30.1	01	18.1	..	14.9	03	49.7	200.3	..	32.1	21	11	..	..	..	..	0	17	..	..	..	..	..	.	..	.
WALUNGCHUNG GOLA	..	..	..	..	8.3	..	5.9	01	143.6	355.3	..	22.2	20	27	..	..	..	..	0	30	..	..	..	..	..	.	..	.
TAPLETHOK	26.7	..	30.7	26	17.8	..	16.2	03	106.6	459.0	..	58.8	27	26	..	..	..	..	0	27	..	..	..	..	..	.	..	.
BHOJPUR	23.0	..	25.1	21	17.7	..	14.3	03	139.5	321.1	..	46.9	19	15	..	..	..	..	0	21	..	..	..	..	..	.	..	.
TAPLEJUNG	23.7	..	26.3	26	16.0	..	13.5	03	68.5	276.2	..	34.4	18	23	..	4.8	2.8	..	0	29	0	0	3	13	0	0	0	0
OKHALDHUNGA	23.7	..	26.5	03	16.5	..	14.4	03	146.1	322.1	..	51.1	14	20	..	1.8	1.7	..	1	27	0	0	8	19	0	0	0	0
CHAINPUR	27.9	..	30.5	26	20.5	..	18.9	30	64.2	247.8	..	27.8	08	19	..	..	..	..	0	22	..	..	..	..	..	.	..	.
BARAHAKSHETRA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
TISTA CATCHMENT																												
GANGTOK	31.9	..	35.0	03	24.5	..	22.8	03	159.5	304.4	..	66.2	01	17	..	6.0	4.0	..	4	20	0	0	9	0	0	0	0	0
GEZING	27.3	..	26.9	26	15.9	..	14.4	04	105.4	415.5	..	43.9	10	25	..	..	..	..	0	30	0	0	4	26	0	0	0	0
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JUNE 1968 (JYAISTHA 11 - ASADHA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed K.m. per hour	No. of observations: Wind Speed (K.m.p.h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BAY ISLANDS																											
MAYA BANDAR	0830	28	1007.5	1004.3	+0.1	27.3	26.1	25.6	32.8	91	+ 5	6.6	+0.3	10.0	0	5	23	00	0	0	0	0	27	0	1	2	0
	1730	28	1005.6	1002.5	+0.1	26.4	25.6	25.3	32.2	94	+ 6	7.0	+0.7	15.5	0	9	20	00	0	0	0	0	27	2	0	1	0
LONG ISLAND	0830	25	1008.0	1005.1	+0.9	28.1	26.1	25.3	32.2	85	- 1	7.1	+0.7	2.7	0	0	27	00	0	0	0	0	27	0	0	3	0
	1730	25	1006.2	1003.4	+0.7	27.3	25.3	24.4	30.5	85	- 1	7.3	+0.7	3.2	0	0	25	00	0	0	0	0	25	0	0	5	0
PORT BLAIR	0530	79	1006.7	997.8	..	25.7	24.6	24.1	30.0	91	..	6.9	..	12.2	0	6	20	00	0	0	0	5	19	1	1	4	0
	0830	79	1008.1	999.2	+0.5	27.6	25.7	24.9	31.5	85	+ 2	6.9	+1.4	18.7	0	17	12	00	0	0	1	5	23	0	0	1	0
	1130	79	1007.3	998.4	..	28.1	25.5	24.4	30.5	81	..	7.2	..	25.6	0	23	7	01	0	0	0	3	17	8	1	0	0
	1430	79	1005.7	996.9	..	27.9	25.5	24.5	30.7	82	..	7.1	..	20.1	0	18	12	00	0	0	1	4	23	2	0	0	0
	1730	79	1006.1	997.1	+0.4	26.3	24.7	24.0	29.8	87	- 1	7.1	-0.3	16.1	0	10	19	00	0	0	1	3	20	4	1	1	0
	2030	79	1007.8	998.9	..	25.8	24.6	24.1	30.0	90	..	6.2	..	12.7	0	6	20	00	0	0	2	4	19	1	0	4	0
	2330	79	1007.4	998.4	..	25.7	24.6	24.1	30.0	91	..	6.6	..	13.1	0	10	18	00	0	0	0	4	20	4	0	2	0
CAR NICOBAR	0830	10	1008.9	1007.7	+0.4	27.8	25.5	24.5	30.7	83	- 1	7.2	+0.6	5.3	0	0	28	00	1	0	0	0	26	1	0	2	0
	1730	10	1006.7	1005.4	+0.1	27.3	25.2	24.3	30.4	84	- 2	7.4	+0.8	3.3	0	0	23	00	0	0	0	0	21	1	1	7	0
NAN COWRY	0830	26	1009.9	1007.0	+0.6	27.4	25.8	25.1	31.9	88	+ 5	6.1	-0.4	15.3	0	5	24	00	0	0	0	0	26	2	1	1	0
	1730	26	1007.8	1004.9	+0.5	27.0	25.5	24.9	31.5	88	+ 5	6.0	-0.5	13.6	0	4	26	00	0	0	0	0	26	3	1	0	0
KONDUL	0830	8	1010.6	1009.6	+1.2	27.5	25.5	24.5	30.7	84	+ 1	6.9	+0.4	7.2	0	1	28	00	0	0	0	0	21	0	0	9	0
	1730	8	1008.5	1007.6	+1.2	27.3	25.4	24.5	30.7	85	+ 1	6.7	+0.1	6.7	0	3	17	00	0	0	0	0	20	0	0	10	0
NORTH ASSAM (INCLUDING NEFA)																											
PASIGHAT	0830	157	1003.5	986.0	+0.1	26.3	23.9	22.8	27.7	82	- 1	6.5	-0.4	2.9	0	0	27	03	2	3	2	1	1	0	15	3	0
	1730	157	1000.0	982.6	+0.2	28.0	24.9	23.5	28.9	78	+ 0	5.9	+0.2	2.7	0	0	20	04	0	3	2	3	1	0	7	10	0
DIBRUGARH (MOHANBARI)	0230	111	1001.9	989.3	..	24.5	23.5	23.0	28.1	92	..	6.8	..	5.0	0	0	22	01	16	3	1	0	0	1	0	8	0
	0530	111	1002.7	990.0	..	24.4	23.6	23.2	28.4	93	..	7.2	..	4.2	0	0	22	00	17	3	0	1	1	0	0	8	0
	0830	111	1003.5	991.1	+0.6	26.9	24.8	23.9	29.7	84	+ 0	6.8	-0.3	6.0	0	0	29	01	13	7	3	2	1	1	1	1	0
	1130	111	1002.5	990.1	..	29.1	25.7	24.2	30.2	76	..	6.7	..	6.5	0	0	29	02	12	4	2	4	2	2	1	1	0
	1430	111	999.9	987.6	..	30.2	25.9	24.1	30.0	71	..	6.1	..	6.3	0	0	30	11	11	1	1	2	3	1	0	0	0
	1730	111	999.7	987.4	+0.4	28.8	25.7	24.3	30.4	78	+ 1	6.3	+0.3	4.7	0	0	24	04	12	2	3	2	1	0	0	6	0
	2030	111	1001.8	989.4	..	26.3	24.7	24.0	29.8	88	..	6.1	..	5.4	0	0	19	02	11	2	1	1	0	1	1	11	0
	2330	111	1002.2	989.6	..	25.2	24.1	23.5	28.9	91	..	6.5	..	5.5	0	0	24	01	17	5	0	0	0	1	0	6	0
DIGBOI	0830	152	1004.1	987.0	-0.1	27.2	25.3	24.5	30.7	85	+ 0	6.2	-0.8	2.2	0	0	30	01	3	9	3	3	2	4	5	0	0
	1730	152	1000.5	983.6	+0.0	29.0	25.8	24.4	30.5	78	+ 1	5.6	-0.9	2.6	0	0	30	05	6	9	1	3	2	2	2	0	0
NORTH LAKHIMPUR	0830	102	1003.4	992.0	+0.7	27.3	25.1	24.1	30.0	84	- 4	6.6	-0.4	5.0	0	0	25	05	10	3	2	1	4	0	0	5	0
	1130	102	1002.6	991.3	..	29.4	26.0	24.5	30.7	73	..	6.2	..	6.9	0	1	28	03	8	2	4	9	2	0	1	1	0
	1430	102	1000.3	989.0	..	30.3	26.1	24.3	30.4	71	..	5.4	..	7.9	0	0	28	00	9	5	1	12	1	0	0	2	0
	1730	102	999.8	988.4	+0.5	28.9	26.3	25.2	32.1	81	- 1	5.6	-0.3	7.2	0	0	30	02	9	5	2	10	0	1	1	0	0
	2030	102	1001.7	990.2	..	26.9	25.5	24.9	31.5	89	..	5.7	..	4.0	0	0	17	05	5	2	0	2	2	1	0	13	0
SIBSAGAR	0830	97	(R)																								
	1730	97	(R)																								
GOHPUR	0830	83	1003.5	994.2	..	27.3	25.3	24.4	30.5	85	- 2	6.7	..	2.4	0	0	17	00	1	2	0	0	0	2	0	13	12
	1730	83	1000.1	990.7	..	28.9	25.8	24.5	30.7	78	- 2	6.2	..	3.1	0	0	15	00	1	1	0	0	0	4	0	15	9
MAJBAT	0830		1003.2	999.8	+0.5	27.3	25.2	24.1	30.1	84	..	4.6	-1.8	3.0	0	0	27	00	16	0	9	0	2	0	0	3	0
	1730		1000.4	987.1	+1.7	29.2	26.3	25.1	31.9	79	..	7.4	+1.9	1.7	0	0	18	00	11	0	3	0	4	0	0	12	0
JORHAT AERODROME	0530	90	1002.2	972.0	..	25.0	24.5	24.3	30.4	96	..	7.1	..	3.3	0	2	5	00	4	0	0	0	3	0	0	23	0
	0830	90	1003.3	993.0	..	27.4	25.2	24.0	29.8	84	..	7.0	..	4.7	0	1	13	01	7	0	0	1	4	1	0	16	0
	1130	90	1002.3	992.0	..	29.6	26.0	24.5	30.7	75	..	6.1	..	6.6	0	1	17	01	8	1	0	0	5	3	0	12	0
	1730	90	999.3	989.1	..	28.7	25.9	24.7	31.1	80	..	6.0	..	3.3	0	0	10	00	7	0	0	1	0	1	1	20	0
	2330	90	1001.8	991.5	..	26.5	25.4	24.9	31.5	91	..	6.4	..	1.8	0	1	3	00	2	1	0	0	1	0	0	26	0
TANGLA	0830	78	1002.5	993.8	+0.6	27.6	25.5	24.5	30.7	84	- 1	6.3	+0.4	2.0	0	0	24	00	0	12	0	3	0	8	0	6	1
	1730	78	998.9	990.3	+0.6	29.7	26.4	25.1	31.9	77	- 1	4.9	+0.4	1.4	0	0	19	00	0	9	1	0	1	8	0	11	0
TEZPUR	0830	79	1003.4	994.5	+0.3	26.5	24.9	24.2	30.2	88	+ 3	6.1	-0.4	2.7	0	0	19	00	14	0	1	0	4	0	0	11	0
	1730	79	999.7	991.0	+0.7	29.2	26.3	25.1	31.9	80	+ 0	5.3	+0.1	1.6	0	0	13	00	11	0	2	0	0	0	0	17	0
GOLAGHAT	0830	95	1003.3	992.6	+0.4	27.1	25.2	24.3	30.4	85	+ 0	5.4	-1.1	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	95	999.2	988.6	-0.2	30.2	26.4	24.8	31.3	74	- 4	5.1	-0.2	..	.	..	..	..	..	..	..	..	..	..	..	..	..
RANGIA	0830	60	1004.1	997.4	..	27.6	25.7	24.9	31.5	85	+ 4	7.1	..	5.7	0	0	28	02	4	16	1	1	0	3	1	2	0
	1730	60	1001.0	994.3	..	29.2	26.5	25.3	32.2	80	+ 4	5.6	..	3.3	0	0	25	02	2	12	0	2	0	7	0	4	0
CHAPARMUKH	0830	66	1009.8	996.4	+0.7	26.8	25.4	24.9	31.3	89	+ 6	7.1	+0.6	3.2	0	0	25	01	0	5	13	2	1	3	0	4	0
	1730	66	1000.4	993.2	+1.1	29.0	26.5	25.5	32.6	83	+ 2	5.6	-0.2	1.9	0	0	12	00	1	1	5	1	1	3	0	2	0
GOALPARA	0830	38	1002.6	998.3	+0.7	26.5	25.2	24.7	31.1	87	+ 0	7.1	+0.2	1.9	0	0	27	06	6	7	2	5	0	1	0	3	0
	1730	38	999.0	994.8	+0.4	28.7	26.1	25.0	31.7	81	+ 1	7.0	+1.1	1.9	0	0	28	04	3	9	3	3	3	3	0	2	0
GAUHATI (BHORJOR)	0230	54	1000.8	994.6	..	25.6	24.8	24.4	30.5	94	..	6.4	..	2.6	0	0	10	01	5	0	0	3	0	1	0	20	0
	0530	54	1001.7	995.5	..	25.4	24.7	24.3	30.4	96	..	7.1	..	3.5	0	0	12	02	6	0	1	3	0	0	0	18	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JUNE ,1968 (JYAISTHA 11 - ASADHA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
															Wind Speed (Km. p. h.)			Wind direction									
			At mean sea level or lit. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
NORTH ASSAM (INCLUDING NEFA) (CONTD)																											
GAUHATI (BHORJOR)	0830	54	1002.7	996.6	-0.1	27.3	25.5	24.7	31.1	83	- 1	7.2	+0.5	7.7	0	1	23	06	11	4	0	0	0	1	2	6	0
	1130	54	1001.8	995.6	..	28.8	26.1	24.9	31.5	80	..	6.7	..	7.1	0	0	27	13	8	1	0	0	1	0	4	3	0
	1430	54	999.4	993.4	..	29.6	26.5	25.3	32.2	78	..	6.7	..	6.4	0	0	25	08	7	2	0	2	1	3	2	5	0
	1730	54	999.3	993.1	-0.1	28.5	26.2	25.3	32.2	83	+ 3	6.7	+0.6	8.6	0	0	28	04	3	2	0	1	3	5	2	10	0
	2030	54	1001.3	995.3	..	27.2	25.9	25.3	32.2	90	..	6.4	..	5.5	0	0	22	03	3	4	2	2	4	3	1	8	0
	2330	54	1001.4	995.3	..	26.2	25.3	24.9	31.5	92	..	6.5	..	3.5	0	0	10	01	4	3	0	0	2	0	0	20	0
DHUBRI (RUPSI)	0530	45	1001.1	995.9	..	25.3	24.7	24.4	30.5	95	..	7.4	..	5.9	0	0	21	00	10	6	0	3	1	0	1	9	0
	0830	45	1002.3	997.2	+0.6	27.3	25.6	24.9	31.5	86	+ 1	7.4	+0.9	7.5	0	0	28	01	5	11	4	1	5	0	1	2	0
	1130	45	1001.5	996.5	..	29.1	26.3	25.1	31.9	80	..	7.1	..	9.4	0	0	28	01	5	7	9	3	2	1	0	2	0
	1730	45	998.8	993.7	+0.6	28.4	26.1	25.1	31.9	83	+ 2	6.6	+0.9	5.3	0	0	21	00	6	6	2	1	5	1	0	9	0
DHUBRI	0830		..	..	..	26.9	25.4	24.7	31.1	88	+ 0	6.7	+0.6	6.3	0	0	26	02	10	9	1	1	3	0	0	4	0
	1730		..	..	..	27.8	25.9	25.1	31.9	85	- 1	6.1	+0.8	4.0	0	0	16	01	6	4	2	2	1	0	0	14	0
LUMDING	0830	149	1004.4	987.7	..	26.3	24.7	24.0	29.8	87	+ 5	7.0	..	2.0	0	0	17	01	0	10	1	2	1	1	1	13	0
	1730	149	999.6	983.3	..	30.3	26.2	24.5	30.7	71	..	5.7	..	1.3	0	0	11	00	0	3	2	2	2	1	1	19	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																											
TURA	0830	370	1002.9	961.8	-0.2	25.3	23.9	23.2	28.4	88	+ 0	7.9	+0.6	3.7	0	0	20	02	1	1	5	5	3	3	0	10	0
	1730	370	999.3	958.6	-0.3	26.8	24.8	23.9	29.7	84	+ 0	7.6	+0.8	5.6	0	1	25	02	2	5	4	4	4	5	0	4	0
HAFLONG	0830	682	1004.5	929.7	+0.4	23.6	21.9	21.1	25.0	87	+ 0	6.3	+0.0	2.1	0	0	30	00	0	0	0	0	30	0	0	0	0
	1730	682	..	..	..	24.8	23.2	22.5	27.3	85	+ 4	4.4	-1.3	2.1	0	0	30	00	0	0	0	0	30	0	0	0	0
SILCHAR (KUMBHIRGRAM)	0530	97	1001.3	990.3	..	24.4	23.8	23.5	28.9	95	..	7.4	..	3.5	0	0	15	00	4	10	0	0	1	0	0	15	0
	0830	97	1002.3	991.5	+0.2	26.8	24.9	24.1	30.0	86	+ 0	7.3	+0.7	4.5	0	0	21	00	6	12	1	1	1	0	0	9	0
	1130	97	1001.2	990.5	..	29.4	25.6	23.9	29.7	73	..	6.6	..	6.9	0	0	24	01	2	9	0	1	2	9	0	6	0
	1730	97	999.0	988.2	+0.4	27.9	25.4	24.3	30.4	81	+ 1	7.0	+1.2	4.3	0	0	17	00	1	6	1	2	1	6	0	13	0
SILCHAR	0830	29	1003.7	1000.4	+0.3	27.0	25.5	24.9	31.5	88	+ 2	6.6	-0.2	0.4	0	0	6	01	1	1	2	1	0	0	0	24	0
	1730	29	1000.3	997.0	+0.6	28.6	26.0	24.9	31.5	81	+ 0	6.5	+0.5	0.4	0	0	5	00	1	0	1	2	1	0	0	25	0
IMPHAL (TULIHAL)	0530	781	1004.5	918.9	..	21.7	21.2	20.9	24.7	95	..	7.3	..	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	0830	781	1004.9	920.0	+0.6	24.4	22.2	21.5	25.6	83	+ 3	7.3	+0.5	0.9	0	0	3	00	1	1	0	1	0	0	0	27	0
	1130	781	1003.6	919.2	..	25.9	22.7	21.2	25.2	76	..	7.2	..	6.5	0	1	16	00	0	2	2	3	3	0	4	13	3
	1430	781	1001.2	917.2	..	26.4	22.8	21.2	25.2	73	..	7.0	..	7.3	0	0	18	01	2	2	5	4	1	0	3	12	0
	1730	781	1001.4	917.0	+2.6	25.0	22.2	20.9	24.7	78	+ 3	6.9	+0.5	5.6	0	1	16	00	1	2	6	3	0	0	5	13	0
	2030	781	1003.8	918.7	..	23.3	21.9	21.2	25.2	88	..	6.6	..	0.7	0	0	3	02	0	0	0	1	0	0	0	27	0
	2330	781	1004.3	919.0	..	22.7	21.7	21.2	25.2	92	..	6.9	..	0.6	0	0	2	00	1	0	0	0	0	0	1	28	0
KAILASHAHAR	0530	29	1002.7	999.5	..	25.3	24.7	24.4	30.5	95	..	7.2	..	3.7	0	0	28	01	2	3	0	10	3	0	1	10	0
	0830	29	1004.0	1000.8	+0.4	27.5	25.8	25.1	31.9	87	+ 4	6.9	+0.1	4.9	0	0	27	01	2	8	0	8	6	0	1	3	1
	1130	29	1002.9	999.7	..	29.3	26.5	25.3	32.2	80	..	6.8	..	6.5	0	0	29	03	4	4	3	6	7	0	1	1	1
	1730	29	1000.9	997.7	+0.6	26.9	25.6	25.1	31.9	89	+ 9	7.3	+0.6	5.2	0	0	27	01	1	1	1	9	13	0	1	3	0
AGARTALA	0230	16	1000.4	998.6	..	25.4	24.6	24.2	30.2	93	..	6.3	..	11.2	0	3	25	00	0	3	15	8	1	0	1	2	0
	0530	16	1000.8	999.0	..	25.1	24.3	23.9	29.7	94	..	6.7	..	11.7	0	3	24	00	1	4	17	3	2	0	0	3	0
	0830	16	1002.0	1000.2	+0.1	27.2	25.3	24.5	30.7	85	+ 1	6.7	-0.1	15.0	0	9	20	00	0	6	12	10	1	0	0	1	0
	1130	16	1001.5	999.7	..	29.0	26.1	24.9	31.5	78	..	6.7	..	14.0	0	6	23	02	1	4	7	12	3	0	0	1	0
	1430	16	999.4	997.6	..	28.5	26.0	24.9	31.5	82	..	6.5	..	15.9	0	7	22	00	1	2	4	13	4	3	2	1	0
	1730	16	999.3	997.5	+0.4	27.3	25.4	24.5	30.7	85	+ 1	7.1	+0.5	13.5	0	4	24	00	1	1	10	13	1	1	1	2	0
	2030	16	1001.1	999.3	..	26.1	25.0	24.5	30.7	91	..	6.5	..	13.1	0	5	24	01	0	1	17	9	0	1	0	1	0
	2330	16	1001.3	999.5	..	25.8	24.9	24.5	30.7	93	..	6.7	..	11.2	0	4	22	00	1	3	12	9	1	0	0	4	0
SUB-HIMALAYAN WEST BENGAL																											
BAGHDOGRA	0230	131	1000.7	985.9	..	24.4	23.4	22.9	27.9	91	...	6.8	..	11.6	0	1	25	00	10	12	1	0	3	0	0	4	0
	0530	131	1000.9	986.1	..	24.8	23.8	23.3	28.6	92	..	7.1	..	11.3	0	0	26	01	7	14	2	0	2	0	0	4	0
	0830	131	1002.2	987.5	+0.7	27.3	25.0	23.9	29.7	83	- 1	7.0	+0.3	15.3	0	3	27	00	9	15	4	0	1	1	0	0	0
	1130	131	1001.7	987.1	..	29.3	25.7	24.1	30.0	75	..	6.9	..	16.2	0	5	25	00	11	13	3	2	1	0	0	0	0
	1430	131	999.3	984.7	..	30.0	25.9	24.1	30.0	72	..	6.6	..	16.1	0	2	28	00	6	18	3	2	1	0	0	0	0
	1730	131	998.8	984.2	+0.6	28.7	25.6	24.3	30.4	77	+ 0	6.4	+0.5	14.5	0	2	28	00	7	16	5	0	2	0	0	0	0
	2030	131	1000.8	986.1	..	26.2	24.2	23.3	28.6	84	..	6.1	..	11.6	0	2	26	01	7	17	1	0	2	0	0	2	0
	2330	131	1001.5	986.7	..	25.0	23.4	22.6	27.4	88	..	6.6	..	10.7	0	1	24	00	11	11	1	0	2	0	0	5	0
JALPAIGURI	0830	83	1002.3	993.0	+0.4	26.2	24.6	23.9	29.7	87	+ 0	6.9	+1.3	7.3	0	2	27	04	8	14	2	0	1	0	0	1	0
	1730	83	998.6	989.4	+0.2	28.3	25.6	24.5	30.7	80	+ 1	5.7	+0.8	6.3	0	2	25	03	8	12	2	1	1	0	0	3	0
COOCH BEHAR AERODROME	0830	43	1002.6	997.8	+1.1	26.9	25.3	24.6	30.9	88	+ 3	7.1	+0.3	11.7	0	6	21	02	3	16	0	3	1	0	0	3	2
	1130	43	1002.0	997.2	..	28.7	26.1	25.0	31.7	81	..	6.7	..	14.8	0	6	24	04	4	13	2	3	1	0	0	0	3
	1730	43	999.1	994.3	+0.9	28.5	26.0	24.9	31.5	81	+ 1	6.3	+0.5	8.3	0	4	17	00	2	13	2	3	0	0	1	9	0
BALURGHAT	0830	26	1000.2	997.3	..	27.9	25.8	24.9	31.5	84	..	6.3	..	4.5	0	0	30	01	3	16	7	2	1	0	0	0	0
	1730	26	997.1	994.2	..	28.9	26.1	24.9	31.5	80	..	5.5	..	4.3	0	0	29	01	5	15	8	0	0	0	0	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — JUNE 1968 (JYAISTHA 11 - ASADHA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lst. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SUB HIMALAYAN WEST BENGAL(CONTD.)																											
MALDA	0830	31	1001.0	997.5	+0.4	27.7	25.8	24.9	31.5	86	+ 5	6.4	+0.2	3.1	0	0	26	00	1	7	9	5	1	0	1	4	2
	1730	31	997.6	994.1	+0.4	29.1	26.2	24.9	31.5	79	+ 4	5.7	-0.1	2.5	0	0	24	00	4	9	7	2	0	0	1	6	1
GANGETIC WEST BENGAL																											
BERHAMPORE	0830	19	1000.8	998.8	+0.2	27.5	25.9	25.2	32.1	86	+ 6	7.3	+1.2	4.5	0	0	30	00	1	14	2	9	0	4	0	0	0
	1730	19	997.5	995.6	+0.7	29.2	26.5	25.3	32.2	81	+ 7	6.7	+0.6	3.4	0	0	26	03	1	9	0	13	0	0	0	4	0
SURI	0830		..	..	..	28.5	25.9	24.8	31.3	81	+ 5	7.2	+1.5	5.0	0	0	30	03	3	3	2	18	1	0	0	0	0
ASANSOL	0230	126	998.8	984.6	..	26.3	25.0	24.5	30.7	89	..	6.2	..	5.3	0	0	23	03	0	4	4	2	4	4	2	7	0
	0530	126	999.1	985.0	..	26.1	25.0	24.5	30.7	91	..	7.2	..	4.9	0	1	23	01	3	4	3	6	3	3	1	6	0
	0830	126	1000.4	986.3	+0.4	28.7	25.9	24.7	31.1	80	+ 6	6.7	+1.2	7.4	0	0	30	01	4	4	4	8	4	3	2	0	0
	1130	126	999.6	985.7	..	31.3	26.8	24.9	31.5	70	..	6.7	..	9.1	0	0	30	02	3	4	3	9	4	2	3	0	0
	1430	126	997.7	983.8	..	31.3	27.0	25.3	32.2	72	..	6.7	..	9.7	0	0	30	01	3	5	5	6	3	3	4	0	0
	1730	126	997.2	983.3	+0.9	29.7	26.5	25.2	32.1	78	+13	6.7	+0.4	5.6	0	0	25	01	2	5	5	5	2	2	3	5	0
	2030	126	999.3	985.2	..	27.9	25.9	25.1	31.0	85	..	6.2	..	5.7	0	0	26	01	4	5	7	3	3	1	2	4	0
	2330	126	999.7	985.6	..	27.0	25.4	24.7	31.1	87	..	6.1	..	6.5	0	0	29	03	0	5	8	5	3	2	3	1	0
SHANTI NIKETAN	0830	59	1001.0	994.3	..	28.0	26.0	25.1	31.9	85	..	6.5	..	5.8	0	0	30	02	5	4	6	8	5	0	0	0	0
	1130	59	1001.0	994.3	..	28.7	25.6	24.3	30.4	78	..	6.4	..	5.9	0	0	30	02	4	5	3	11	5	0	0	0	0
	1730	59	997.6	991.0	..	29.7	26.6	25.3	32.2	78	..	6.5	..	6.3	0	0	28	01	2	5	12	5	2	1	0	2	0
KRISHNANAGAR	0830	15	1000.9	999.3	+0.4	28.4	26.2	25.3	32.2	83	+ 2	5.4	-0.6	2.4	0	0	19	00	0	1	5	13	0	0	0	11	0
	1730	15	998.4	996.8	+1.0	29.5	26.7	25.5	32.6	79	+ 1	5.1	-1.1	1.1	0	0	14	00	0	0	2	12	0	0	0	16	0
PURULIA	0830	255	1000.6	972.4	+0.3	27.5	25.3	24.4	30.5	83	+13	6.8	+1.5	6.1	0	0	28	04	3	2	7	5	6	1	0	2	0
	1730	255	997.4	969.4	+0.7	29.2	26.1	24.9	31.5	77	+16	7.2	+0.5	8.3	0	1	29	02	6	5	8	2	3	2	2	0	0
BANKURA	0830	100	1000.1	989.1	..	28.1	25.8	24.9	31.5	83	..	4.8	..	1.5	0	0	20	03	0	4	1	3	0	2	1	10	6
	1730	100	997.5	986.5	..	29.5	26.6	25.4	32.4	79	..	4.4	..	1.1	0	0	12	00	0	2	0	4	0	2	0	18	4
BURDWAN	0830	32	1000.8	997.2	+0.6	28.7	26.6	25.7	33.0	82	+ 2	5.6	+0.8	7.7	0	0	30	01	2	9	6	6	3	2	0	0	1
	1730	32	997.5	993.9	+0.5	30.3	26.7	25.2	32.1	76	+ 4	5.1	-0.2	6.1	0	0	27	01	1	8	2	9	4	1	1	3	0
CALCUTTA (DUM DUM)	0230	6	998.8	998.1	..	26.5	25.4	24.9	31.5	91	..	6.0	..	7.5	0	0	23	01	1	5	5	7	3	0	1	7	0
	0530	6	999.4	998.7	..	26.2	25.2	24.8	31.3	92	..	6.9	..	6.9	0	0	25	01	1	6	4	7	3	1	2	5	0
	0830	6	1000.7	1000.0	+0.2	27.9	25.8	24.9	31.5	84	+ 5	7.1	+0.6	8.1	0	0	28	01	2	4	3	12	5	1	0	2	0
	1130	6	1000.1	999.4	..	29.8	26.6	26.3	32.2	78	..	7.1	..	9.3	0	0	30	01	3	1	6	13	5	1	0	0	0
	1430	6	998.2	997.5	..	30.4	26.9	25.5	32.6	76	..	7.2	..	10.5	0	0	30	01	0	5	7	12	4	1	0	0	0
	1730	6	997.7	997.0	+0.3	29.5	26.6	25.4	32.4	80	+ 3	6.9	+0.5	9.5	0	0	30	01	3	1	6	13	6	0	0	0	0
	2030	6	999.7	999.0	..	27.9	26.3	25.6	32.8	87	..	5.7	..	9.1	0	0	28	01	0	2	5	18	1	0	1	2	0
	2330	6	999.9	999.2	..	27.1	25.8	25.3	32.2	90	..	5.7	..	8.9	0	0	29	02	1	2	6	13	3	0	2	1	0
CALCUTTA	0830	6	1000.8	1000.1	+0.4	28.4	26.0	25.0	31.7	83	+ 3	6.8	+0.7	7.5	0	1	25	01	3	0	10	5	6	0	1	4	0
	1130	6	1000.1	999.4	..	30.2	26.8	25.4	32.4	77	..	7.0	..	7.9	0	1	26	01	0	1	10	4	8	3	0	3	0
	1730	6	997.8	997.1	+0.4	29.5	26.4	25.1	31.9	78	+ 1	6.6	+0.3	7.8	0	0	27	00	0	0	9	11	5	0	2	3	0
MIDNAPORE	0830	45	1000.7	995.6	+0.5	27.7	25.8	24.9	31.5	86	+10	6.0	+0.6	3.5	0	0	28	04	7	0	1	8	8	0	0	2	0
	1730	45	998.0	993.0	+1.0	30.6	26.5	24.7	31.1	73	+ 1	5.9	-0.2	4.0	0	0	27	02	2	0	3	13	6	1	0	3	0
CONTAI	0830	11	1000.6	999.4	+0.4	28.8	26.4	25.4	32.4	83	+ 2	6.6	+1.3	11.5	0	8	20	01	5	0	0	11	5	2	4	2	0
	1730	11	997.9	996.7	+0.2	29.1	27.0	26.1	33.8	84	+ 2	6.7	+1.3	15.2	0	11	17	00	0	2	8	10	6	0	2	2	0
SAGAR ISLAND	0830	3	1000.4	1000.1	+0.1	28.9	27.0	26.2	34.0	87	+ 7	6.2	+0.2	21.6	0	16	10	01	1	2	3	10	6	2	1	4	0
	1730	3	997.8	997.5	+0.2	29.3	27.3	26.5	34.6	85	+ 3	6.2	+0.3	23.8	0	20	9	00	0	2	10	11	4	2	0	1	0
SANDHEADS	0530	10	999.3	998.2	..	28.7	26.6	25.7	33.0	85	..	6.6	..	25.9	0	20	10	00	0	0	0	7	16	4	3	0	0
	0830	10	1000.7	999.7	+0.1	29.3	26.9	25.9	33.4	82	+ 0	6.6	+0.8	24.1	0	17	13	01	0	0	2	8	15	1	3	0	0
	1130	10	1000.5	999.3	..	29.6	27.0	26.0	33.6	81	..	6.3	..	24.5	0	17	13	00	1	1	2	6	16	2	2	0	0
	1730	10	998.2	997.1	+0.3	29.4	27.1	26.1	33.8	83	- 2	6.0	+0.4	25.9	0	20	10	00	1	0	0	12	14	0	3	0	0
	2330	10	1000.0	998.9	..	28.6	26.9	26.3	34.2	87	..	4.0	..	27.6	0	18	12	00	0	0	0	10	18	2	0	0	0
ORISSA																											
BARIPADA	0830	54	1001.4	995.3	+0.9	28.8	26.2	25.1	31.9	81	+ 3	6.4	+0.7	3.3	0	0	24	04	4	1	4	7	3	0	1	6	0
	1730	54	998.5	992.5	+0.7	30.3	26.9	25.5	32.6	77	+ 2	6.2	+0.5	3.1	0	0	22	00	0	0	8	10	3	1	0	8	0
JHARSUGUDA	0230	230	998.9	973.3	..	26.8	24.2	23.0	28.1	80	..	6.3	..	7.8	0	1	26	02	3	3	5	4	6	3	1	3	0
	0530	230	999.3	973.7	..	26.4	24.1	23.1	28.3	82	..	6.4	..	6.2	0	0	25	01	5	1	3	6	5	3	1	5	0
	0830	230	1000.6	975.2	+0.5	29.2	25.0	23.1	28.3	70	+ 6	5.9	+0.4	11.3	0	3	26	00	4	1	5	2	7	8	2	1	0
	1130	230	999.4	974.4	..	33.0	25.7	22.3	26.9	56	..	5.7	..	12.6	0	7	22	01	1	3	4	1	6	10	3	1	0
	1430	230	996.6	971.8	..	35.2	25.8	21.4	25.5	49	..	5.6	..	14.4	0	7	23	02	3	0	2	2	7	11	3	0	0
	1730	230	995.8	970.9	-0.1	33.3	25.2	21.3	25.3	54	+ 2	6.5	+0.1	15.3	0	7	22	02	4	2	2	5	5	7	2	1	0
	2030	230	998.8	973.4	..	29.3	24.7	22.7	27.6	69	..	6.8	..	10.7	0	7	18	02	5	4	4	7	2	0	1	5	0
	2330	230	999.8	974.3	..	27.6	24.5	23.1	28.3	77	..	6.5	..	8.5	0	1	25	02	3	3	6	3	7	1	1	4	0
KEONJHARGARH	0830	463	1001.9	951.1	+0.6	26.1	23.9	23.0	28.1	84	+15	4.6	-0.5	2.3	0	0	30	04	0	5	0	6	0	15	0	0	0
	1730	463	997.2	947.3	-0.6	29.4	25.3	23.7	29.3	72	+ 9	5.5	-1.0	1.9	0	0	28	00	0	7	0	4	0	17	0	2	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JUNE 1968 (JYAISTHA 11 - ASADHA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lt. in gms. of normal standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point				Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															42 or more	20 to 41	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
ORISSA (CONTD.)																											
BALASORE	0830	20	1000.7	998.5	+0.6	29.0	26.1	24.9	31.5	79	+ 1	6.0	-0.7	9.8	0	4	23	01	2	2	1	5	13	0	3	3	0
	1730	20	997.9	995.7	+0.7	29.7	26.5	25.2	32.1	79	+ 2	6.0	-0.7	11.0	0	6	23	02	0	1	6	9	11	0	0	1	0
SAMBALPUR	0830	148	1000.3	983.9	-0.2	30.5	25.4	23.1	28.3	66	- 3	5.2	-0.3	2.1	0	0	19	01	0	0	0	0	14	3	1	11	0
	1730	148	996.0	979.7	-0.6	33.8	26.4	23.1	28.3	57	+ 0	5.3	-0.8	2.4	0	0	22	01	1	2	0	5	11	2	0	8	0
ANGUL	0830	139	1000.7	985.3	+0.1	29.4	25.6	23.9	29.7	73	+ 2	7.4	+1.4	2.6	0	0	23	06	0	9	0	3	0	5	0	5	0
	1730	139	996.8	981.5	-0.1	32.4	26.3	23.7	29.3	62	+ 5	7.6	+1.2	2.8	0	0	21	00	0	6	1	8	0	6	0	7	0
CHANDBALI	0830	6	1001.1	1000.4	+0.6	29.1	26.6	25.5	32.6	82	+ 3	6.9	+1.3	8.2	0	2	26	00	0	2	4	8	7	1	6	2	0
	1730	6	998.1	997.2	+0.3	30.1	27.1	25.9	33.4	79	+ 4	6.2	+0.8	9.0	0	2	26	00	1	4	9	5	5	2	2	2	0
BOLANGIR	0830	190	1000.6	979.6	-0.4	30.5	25.8	23.7	29.3	68	- 5	5.3	+0.0	5.4	0	0	30	00	0	2	2	19	5	2	0	0	0
	1730	190	996.4	975.8	-1.3	34.7	26.5	24.5	30.7	53	- 9	5.9	-0.4	3.5	0	0	29	00	0	3	6	12	6	2	0	1	0
PHULBANI	0830	464	1000.4	950.2	..	28.5	23.8	21.7	25.9	68	..	3.3	..	0.8	0	0	5	00	0	0	0	5	0	0	0	25	0
	1730	464	995.9	946.3	..	31.7	24.4	21.2	25.2	56	..	2.8	..	0.2	0	0	3	00	0	0	0	0	1	1	1	27	0
CUTTACK	0830	27	1001.6	998.6	+0.8	29.4	26.4	25.1	31.9	80	+ 4	5.4	+0.3	3.5	0	0	21	02	0	0	0	1	12	4	2	9	0
	1730	27	998.5	995.5	+0.9	31.2	26.8	25.0	31.7	71	+ 2	5.1	+1.1	5.9	0	1	24	00	2	1	3	0	15	4	0	5	0
TITLAGARH	0830	211	999.7	976.4	-1.0	29.3	26.7	25.6	32.8	80	+16	4.7	-0.1	2.0	0	0	30	00	2	0	1	0	25	1	1	0	0
	1730	211	995.8	973.0	-0.8	34.5	29.1	27.1	35.9	66	+15	4.6	-0.1	2.0	0	0	30	00	5	0	4	0	18	0	3	0	0
BHUBANESWAR	0230	46	999.7	994.4	..	26.9	25.6	25.1	31.9	89	..	6.4	..	13.7	0	8	19	01	1	1	3	9	9	0	3	3	0
	0530	46	999.8	994.6	..	26.6	25.4	24.9	31.5	91	..	6.9	..	9.2	0	4	19	01	2	1	0	7	6	4	2	7	0
	0830	46	1001.2	996.1	+0.6	29.1	26.5	25.4	32.4	80	+ 2	6.7	+0.6	14.9	0	8	19	03	1	1	0	6	12	3	1	3	0
	1130	46	1000.6	995.5	..	31.7	26.6	24.5	30.7	67	..	6.8	..	16.3	0	11	16	02	1	0	1	8	10	4	1	3	0
	1430	46	998.3	993.2	..	33.0	26.4	23.5	28.9	61	..	7.2	..	19.9	0	15	13	00	0	1	2	10	9	3	3	2	0
	1730	46	998.1	993.0	+0.3	30.3	26.4	24.7	31.1	73	+ 2	7.1	+0.9	21.7	0	16	13	01	1	1	2	12	9	2	1	1	0
	2030	46	1000.4	995.2	..	28.3	26.3	25.5	32.6	85	..	6.3	..	16.5	0	13	14	02	1	0	2	13	9	0	0	3	0
	2330	46	1000.6	995.5	..	27.4	25.9	25.3	32.2	88	..	6.2	..	13.6	0	8	17	01	0	2	0	9	10	3	0	5	0
PURI	0830		1001.3	1000.7	+0.4	29.7	27.7	26.9	35.4	86	+ 4	5.4	-0.5	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		998.9	998.2	+0.9	30.3	28.0	27.1	35.9	87	+ 2	5.3	-0.6	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GOPALPUR	0530	17	1000.0	998.1	..	27.7	26.4	25.9	33.4	89	..	6.9	..	11.5	0	7	18	02	0	0	0	3	18	1	1	5	0
	0830	17	1001.3	999.4	+0.3	29.2	27.0	26.1	33.8	84	+ 4	6.5	+0.8	12.6	0	9	19	00	0	1	2	3	20	1	1	2	0
	1130	17	1000.9	999.0	..	30.9	28.1	27.0	35.6	81	..	6.5	..	18.0	0	14	16	00	0	0	3	7	20	0	0	0	0
	1730	17	998.5	996.6	+0.3	29.5	27.5	26.7	35.0	85	+ 1	7.2	+1.5	19.2	0	15	14	00	1	0	0	3	23	0	2	1	0
	2330	17	1001.0	999.1	..	28.6	27.0	26.4	34.4	87	..	6.3	..	14.7	0	8	18	02	1	0	0	3	19	0	1	4	0
KORAPUT	0830	913	1456.6	984.6	+0.4	24.5	21.5	20.0	23.4	77	+ 0	6.2	+0.7	17.2	0	13	17	00	0	0	0	3	15	10	2	0	0
	1730	913	1433.6	901.7	-0.1	27.1	21.9	19.3	22.4	66	- 1	6.6	+0.6	24.4	0	17	13	00	0	0	0	4	13	6	7	0	0
BIHAR PLATEAU																											
DUMKA	0830	149	1000.3	983.8	+0.3	28.0	25.9	25.1	31.9	85	+ 9	6.3	+2.2	4.2	0	0	23	01	3	3	12	3	1	0	0	7	0
	1730	149	997.6	981.1	+0.9	29.3	26.2	24.9	31.5	79	+ 9	5.1	-0.1	2.9	0	0	18	00	3	4	4	4	1	2	0	12	0
DALTONGANJ	0830	221	998.4	974.2	-0.6	31.2	25.3	22.6	27.4	62	+ 6	5.4	+0.7	3.9	0	0	29	00	2	0	0	0	26	0	1	1	0
	1730	221	995.5	971.5	+0.4	32.4	25.2	21.8	26.3	57	+ 9	6.2	-0.8	5.1	0	0	28	00	15	0	0	0	2	0	11	2	0
HAZARIBAGH	0830	611	999.8	933.3	+0.0	26.1	23.1	21.8	26.1	78	+13	6.5	+0.4	6.6	0	0	29	02	2	1	5	7	4	4	4	1	0
	1730	611	996.5	930.6	+0.2	27.8	23.7	21.9	26.3	72	+13	7.1	+0.3	6.4	0	0	27	02	3	6	5	3	2	1	5	3	0
DHANBAD	0830	257	999.8	971.3	-0.4	27.5	25.2	24.1	30.0	82	+12	6.0	+1.3	3.2	0	0	27	00	6	3	10	1	2	2	2	3	1
	1730	257	996.4	968.2	..	29.6	25.5	23.7	29.3	71	..	6.0	..	3.0	0	0	28	00	4	0	18	0	2	0	4	2	0
RANCHI AERODROME	0530	652	998.9	927.7	..	23.4	22.2	21.6	25.8	90	..	5.5	..	10.0	0	2	20	01	1	4	0	2	10	2	2	8	0
	0830	652	999.8	929.0	-0.3	25.6	23.0	21.8	26.1	80	+11	5.6	+0.2	13.9	0	5	21	02	0	3	3	5	7	3	3	4	0
	1130	652	998.7	928.6	..	28.5	23.6	21.4	25.5	67	..	5.6	..	16.7	0	10	19	01	4	2	2	5	3	9	3	1	0
	1430	652	996.5	926.8	..	29.1	23.7	21.3	25.3	65	..	6.4	..	20.0	0	11	19	05	3	5	3	4	2	5	3	0	0
	1730	652	996.7	926.3	-0.3	26.3	23.2	21.9	26.3	77	+16	6.9	+0.8	14.7	0	3	24	03	4	4	4	3	2	4	3	3	0
	2030	652	999.1	928.3	..	24.8	22.8	21.9	26.3	85	..	6.4	..	11.6	0	3	20	01	5	0	4	3	5	3	2	7	0
JAMSHEDPUR	0830	129	1000.1	985.8	+0.2	28.2	25.3	24.1	30.0	79	+ 9	6.2	+1.0	2.7	0	0	27	02	1	3	2	1	3	8	6	3	1
	1730	129	997.0	982.8	+0.6	30.6	26.1	24.1	30.0	70	+10	6.6	+0.2	3.9	0	0	24	01	0	9	5	1	2	3	3	6	0
JAMSHEDPUR P.B.O.	0530	142	999.1	983.2	..	25.9	24.3	23.6	29.1	87	..	6.7	..	2.7	0	0	14	00	1	2	2	0	4	0	5	16	0
	0830	142	1000.3	984.6	+0.6	28.0	25.1	23.8	29.5	79	+ 9	6.6	+0.7	4.6	0	0	18	03	0	6	1	2	2	3	1	12	0
	1130	142	999.6	983.9	..	30.6	25.9	23.9	29.7	69	..	5.8	..	7.5	0	0	26	03	0	4	3	4	2	7	3	4	0
	1430	142	997.2	981.7	..	32.2	26.3	23.7	29.3	62	..	5.8	..	9.2	0	0	29	02	0	5	4	3	6	5	4	1	0
	1730	142	996.9	981.3	+0.4	30.0	25.6	23.7	29.3	70	+ 9	7.0	+0.1	8.5	0	1	25	03	0	8	5	0	3	3	4	4	0
	2030	142	999.1	983.3	..	27.8	25.0	23.7	29.3	79	..	5.5	..	5.7	0	0	23	01	0	4	5	1	4	3	5	7	0
	2330	142	999.7	983.8	..	26.9	24.8	23.9	29.7	84	..	4.7	..	4.5	0	0	19	02	0	7	2	1	6	0	1	11	0
CHAIBASA	0830	226	999.8	974.8	+0.0	28.7	24.6	22.7	27.6	74	+ 4	7.4	+1.0	4.8	0	0	26	00	4	0	4	1	14	0	3	4	0
	1730	226	997.0	972.2	+0.8	30.4	25.4	23.1	28.3	65	+ 2	7.3	+0.1	2.5	0	0	22	00	7	0	3	0	9	1	2	8	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JUNE 1968 (JYAISTHA 11 - ASADHA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BIHAR PLAINS																											
MOTIHARI	0830	66	1000.7	993.3	+0.7	28.2	25.9	24.9	31.5	83	+ 7	6.4	+1.6	4.8	0	0	28	01	4	15	4	2	1	1	0	1	0
	1730	66	997.8	990.4	+1.2	29.9	26.6	25.3	32.2	77	+10	6.3	+2.6	3.6	0	0	21	03	1	13	2	0	0	1	1	7	0
FORBESGANJ	0830	61	1001.4	994.5	+0.2	28.0	25.2	23.9	29.7	80	- 2	5.9	-0.3	9.0	0	2	28	00	0	24	3	1	0	2	0	0	0
	1730	61	998.0	991.3	+0.8	30.1	26.3	24.7	31.1	74	+ 3	5.2	+0.1	4.6	0	0	30	01	0	20	2	4	0	3	0	0	0
DARBHANGA	0830	49	1001.7	996.2	+1.4	28.9	26.3	25.2	32.1	80	+ 3	5.8	+0.5	3.9	0	0	21	00	4	13	4	0	0	0	0	9	0
	1730	49	998.1	992.7	+1.7	30.9	27.0	25.4	32.4	74	+ 8	4.5	+0.6	2.5	0	0	13	00	2	7	2	0	1	0	1	17	0
MUZAFFARPUR	0830		..	..	..	28.3	26.1	25.2	32.1	84	..	5.5	..	6.9	0	0	30	01	0	24	2	2	0	0	1	0	0
	1730		..	..	..	30.7	26.7	25.0	31.7	73	..	3.8	..	4.7	0	0	28	01	2	18	4	1	0	2	0	2	0
CHAPRA	0830	58	1000.1	993.7	..	29.5	26.1	24.7	31.1	75	..	5.5	..	2.7	0	0	28	00	18	1	7	0	2	0	0	2	0
	1730	58	997.2	990.8	..	31.6	26.0	23.5	28.9	64	..	5.5	..	3.6	0	0	30	00	19	0	8	0	2	0	1	0	0
PURNEA	0830	38	1001.3	997.0	+0.5	27.3	25.7	25.0	31.7	86	+ 5	6.2	+0.3	2.7	0	0	28	01	4	18	2	0	2	1	0	2	0
	1730	38	998.0	993.8	+1.0	29.4	26.2	24.8	31.3	77	+ 3	5.7	+1.0	2.7	0	0	28	01	7	16	2	1	0	1	0	2	0
PATNA	0830	53	1000.3	994.4	+0.8	28.6	26.1	25.1	31.9	82	+11	5.4	+0.5	8.0	0	0	30	00	23	2	3	1	0	1	0	0	0
	1730	53	997.0	991.1	+1.2	31.5	26.7	24.7	31.1	69	+12	5.7	+1.0	7.6	0	0	30	01	24	0	1	1	0	3	0	0	0
PATNA AERODROME	0230	60	998.0	991.3	..	27.1	25.2	24.3	30.4	85	..	5.8	..	9.0	0	2	25	03	1	20	1	1	1	0	0	3	0
	0530	60	998.3	991.5	..	26.6	25.1	24.5	30.7	87	..	6.4	..	8.5	0	0	26	00	4	17	3	0	1	1	0	4	0
	0830	60	999.8	993.1	+0.4	28.7	25.8	24.5	30.7	78	+ 6	6.0	+1.3	11.5	0	2	27	00	1	23	4	0	0	1	0	1	0
	1130	60	999.4	992.7	..	31.3	26.4	24.3	30.4	68	..	6.4	..	13.8	0	2	28	00	3	18	4	0	0	2	2	0	1
	1430	60	997.3	990.7	..	32.2	26.3	23.7	29.3	63	..	6.2	..	13.7	0	3	27	02	5	18	3	0	0	0	2	0	0
	1730	60	996.3	989.9	+1.1	31.2	25.9	23.5	28.9	65	+11	6.0	+1.7	11.8	0	4	26	01	6	18	1	0	0	1	3	0	0
	2030	60	998.3	991.6	..	28.8	25.8	24.5	30.7	79	..	5.0	..	10.9	0	3	24	01	5	19	1	0	0	1	0	3	0
	2330	60	998.8	992.1	..	27.9	25.5	24.5	30.7	82	..	5.4	..	10.6	0	2	25	00	2	21	3	0	0	0	1	3	0
BHAGALPUR	0530	49	999.1	993.6	..	25.9	25.0	24.6	30.9	93	..	6.6	..	3.5	0	0	29	00	3	13	11	1	0	0	1	1	0
	0830	49	1000.3	995.0	+0.2	27.9	25.9	25.1	31.9	85	+ 9	6.9	+1.4	4.2	0	0	30	00	3	13	12	0	1	0	1	0	0
	1130	49	1000.1	994.7	..	29.7	26.7	25.5	32.6	79	..	6.7	..	5.1	0	2	28	00	6	9	10	2	0	1	2	0	0
	1730	49	997.3	991.9	+0.8	29.6	26.6	25.4	32.4	79	+13	6.5	+1.2	4.1	0	0	29	01	5	11	7	2	1	1	1	1	0
	2330	49	999.8	994.3	..	27.0	25.7	25.1	31.9	90	..	6.1	..	4.5	0	1	29	00	2	14	11	2	0	0	1	0	0
SABAUR	0830	37	1000.7	996.5	+0.5	27.7	26.1	25.4	32.4	88	+ 9	6.8	+1.1	10.0	0	0	29	01	3	19	4	1	0	0	1	1	0
	1730	37	997.4	993.2	+0.9	29.6	26.9	25.9	33.4	82	+11	6.3	+0.7	8.6	0	0	26	03	5	15	2	0	0	0	1	4	0
JAMUI	0830	82	1001.3	992.1	+1.8	29.2	27.6	27.0	35.7	87	+20	4.1	-0.6	7.3	0	0	30	02	3	11	10	1	0	1	1	0	1
	1730	82	998.4	989.3	+2.3	30.3	27.5	26.4	34.4	81	+22	4.8	-0.4	6.4	0	0	28	01	6	7	6	2	0	2	4	0	0
DEHRI	0830	107	999.6	987.7	+0.9	30.0	25.9	24.1	30.0	72	+10	4.7	+0.5	3.3	0	0	28	02	5	9	5	1	3	2	1	2	0
	1730	107	995.9	984.1	+1.0	31.3	26.4	24.3	30.4	67	+19	5.7	+1.8	3.7	0	0	30	00	12	9	3	1	0	3	2	0	0
GAYA	0230	116	998.8	985.8	..	26.5	24.8	24.1	30.0	86	..	5.7	..	9.1	0	0	28	00	10	6	4	2	2	3	1	2	0
	0530	116	998.9	985.9	..	26.4	25.0	24.4	30.5	89	..	5.7	..	8.0	0	0	25	05	8	6	1	3	0	1	1	5	0
	0830	116	1000.1	987.2	+1.0	29.7	26.0	24.5	30.7	74	+17	5.2	+0.9	12.3	0	5	24	02	10	6	1	2	3	1	4	1	0
	1130	116	999.6	986.9	..	32.2	26.3	23.7	29.3	64	..	5.6	..	13.9	0	4	24	02	12	5	0	0	4	4	1	2	0
	1430	116	997.4	984.8	..	32.5	26.4	23.7	29.3	64	..	6.2	..	19.8	1	11	17	04	11	3	3	1	1	4	2	1	0
	1730	116	996.7	984.0	+1.5	31.1	25.9	23.6	29.1	67	+20	6.5	+1.5	15.5	0	8	20	03	11	3	1	1	1	4	4	2	0
	2030	116	998.6	985.7	..	28.8	25.9	24.7	31.1	80	..	6.0	..	11.1	0	5	21	01	11	7	0	3	1	0	3	4	0
	2330	116	999.3	986.4	..	27.7	25.5	24.5	30.7	84	..	5.9	..	9.6	0	1	29	03	15	3	3	4	0	2	0	0	0
UTTAR PRADESH EAST																											
KHERI	0830	147	999.9	983.5	+0.7	27.9	24.8	23.2	28.4	77	+ 7	6.1	+2.7	7.3	0	1	27	00	2	24	1	0	0	1	0	2	0
	1730	147	995.9	979.8	+1.0	32.1	26.3	23.6	29.1	63	+13	4.6	+1.9	4.4	0	0	28	01	1	21	1	1	0	3	0	2	0
BAHRAICH	0830	124	1000.5	986.7	+1.2	28.9	25.4	23.8	29.5	74	+ 6	5.6	+2.0	5.7	0	0	26	00	3	14	7	0	1	0	1	4	0
	1730	124	996.7	983.0	+1.4	32.1	26.0	23.3	28.6	61	+10	4.4	+1.3	5.3	0	0	23	00	1	4	7	9	0	0	2	7	0
NAUTANWA	0830	99	1001.2	990.1	+0.6	28.5	26.1	25.1	31.9	82	+10	5.0	+1.2	4.0	0	0	27	00	3	10	9	1	0	1	3	3	0
	1730	99	997.5	986.6	+1.0	31.5	27.8	26.3	32.2	76	+18	4.2	+1.5	2.9	0	0	29	02	2	9	12	0	0	0	4	1	0
HARDOI	0830	142	999.5	984.0	+1.3	31.9	25.5	22.4	27.1	59	- 3	3.2	+0.1	3.0	0	0	26	01	0	20	0	2	1	2	0	4	0
	1730	142	996.9*	981.4	+2.6	34.2	26.1	22.2	26.7	52	+ 9	2.7	+0.1	2.6	0	0	27	02	2	13	2	2	2	4	0	3	0
GONDA	0830*	118	1000.4	988.4	+1.3	30.3	25.8	23.9	29.7	69	+ 0	5.0	+1.2	3.2	0	0	27	00	1	25	0	0	0	1	0	3	0
	1730	118	996.9	984.9	+1.8	32.1	26.5	24.0	29.8	65	+14	4.2	+1.0	2.4	0	0	22	02	0	18	0	0	0	0	2	8	0
LUCKNOW	0830	111	999.8	987.7	+1.1	31.0	27.1	25.4	32.4	72	+11	3.7	-0.3	4.9	0	0	18	00	1	14	0	0	0	2	0	12	1
	1730	111	995.3	983.2	+0.4	33.6	27.7	25.2	32.0	62	+17	3.9	+1.1	1.5	0	0	8	00	0	3	0	0	0	2	0	22	3
LUCKNOW(AMOUSI)	0230	128	997.4	983.4	..	28.4	24.4	22.4	27.1	72	..	3.0	..	9.0	0	1	24	00	0	12	6	4	2	0	0	5	0
	0530	128	998.2	984.0	..	27.3	24.1	27.5	27.3	76	..	4.1	..	8.8	0	2	24	00	5	11	6	2	2	0	0	4	0
	0830	128	999.7	985.5	+0.8	30.2	25.1	22.7	27.6	65	+ 5	4.7	+1.2	1.5	0	0	30	00	2	12	11	1	1	0	1	0	0
	1130	128	999.3	985.3	..	34.0	25.7	21.8	26.1	50	..	5.2	..	16.1	0	8	22	00	7	11	6	1	0	2	3	0	0
	1430	128	996.8	982.9	..	36.1	25.8	20.8	24.6	42	..	4.9	..	12.1	0	5	24	04	8	8	5	1	0	2	3	1	0
	1730	128	995.4	981.5	+0.7	35.0	25.7	21.2	25.2	47	+ 6	4.2	+0.7	10.0	0	3	24	03	10	6	5	1	0	0	2	3	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JUNE 1968 (JYAISTHA 11 - ASADHA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lit. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
UTTAR PRADESH EAST (CONTD.)																											
LUCKNOW (AMAUSI)	2030	128	997.2	983.1	..	31.3	25.2	22.3	26.9	58	..	3.4	..	9.3	0	5	20	01	1	15	7	0	1	0	0	5	0
	2330	128	998.1	984.0	..	29.8	24.9	22.5	27.3	67	..	3.1	..	10.1	0	5	21	00	3	14	7	1	1	0	0	4	0
FAIZABAD	0830	102	1000.1	988.8	+0.5	29.7	25.8	24.1	30.0	73	+ 3	5.2	+0.4	4.9	0	0	27	02	4	10	9	1	0	1	0	3	0
	1730	102	996.4	985.3	+0.8	32.6	26.3	[illegible]	28.9	60	+ 8	4.7	+0.2	4.2	0	0	26	04	7	7	2	2	1	2	1	4	0
GORAKHPUR	0830	77	1000.6	992.1	+1.2	29.5	25.6	23.9	29.7	73	+ 1	5.7	+1.4	2.7	0	0	29	02	5	17	3	1	0	0	1	1	0
	1730	77	996.8	988.5	+1.4	31.6	26.1	23.6	29.1	64	+ 9	5.0	+1.4	2.7	0	0	30	03	2	15	3	3	0	3	1	0	0
GORKHPUR P.B.O.	0230	78	998.5	989.8	..	27.7	25.2	24.0	29.8	77	..	4.8	..	4.9	0	0	26	02	3	17	2	2	0	0	0	4	0
	0530	78	999.0	990.2	..	27.6	25.2	24.1	30.0	81	..	5.9	..	6.1	0	0	29	01	11	13	2	0	2	0	0	1	0
	1130	78	1000.0	991.4	..	31.3	26.1	24.2	30.2	67	..	6.5	..	10.4	0	1	28	00	3	12	9	0	2	1	2	0	0
	1430	78	997.9	989.3	..	32.4	26.1	23.8	29.5	62	..	6.6	..	8.6	0	1	28	00	6	13	3	2	1	1	3	1	0
	2030	78	998.4	989.7	..	29.9	25.6	24.2	30.2	73	..	4.6	..	5.6	0	0	25	02	5	12	2	0	1	2	1	5	0
	2330	78	999.3	990.5	..	29.0	25.6	24.3	30.4	76	..	3.9	..	5.5	0	0	27	02	7	12	3	2	0	1	0	3	0
KANPUR	0830	126	998.6	984.7	-0.2	31.7	26.5	24.3	30.4	66	+12	3.8	+0.7	9.6	0	0	28	00	0	22	2	1	1	2	0	2	0
	1730	126	995.3	981.7	+0.6	36.6	27.4	23.4	29.8	48	+10	3.3	+0.4	9.5	0	2	27	02	4	20	0	1	0	2	0	1	0
KANPUR (AERODROME)	0530	126	998.1	984.1	..	28.5	24.5	22.5	27.3	71	..	4.2	..	13.5	0	2	26	02	3	11	8	2	0	1	1	2	0
	0830	126	999.3	985.5	..	31.8	25.7	23.0	28.1	61	..	4.3	..	17.3	0	6	24	00	2	14	8	1	3	1	1	0	0
	1130	126	999.0	985.4	..	36.0	26.3	22.0	26.4	46	..	4.3	..	16.8	0	5	24	01	5	9	10	0	0	1	3	1	0
	1730	126	995.3	981.7	..	36.4	26.3	21.3	25.3	42	..	3.3	..	17.0	0	5	25	01	6	11	4	1	3	1	3	0	0
	2330	126	997.9	984.1	..	31.1	25.1	22.2	26.7	61	..	3.0	..	14.3	0	3	25	00	2	17	6	2	1	0	0	2	0
SULTANPUR	0830	97	1000.2	989.5	-1.3	31.4	26.0	23.6	29.1	65	+ 3	4.3	-0.6	2.9	0	0	18	00	4	11	0	2	0	0	1	12	0
	1730	97	996.1	985.5	+0.5	34.6	26.3	22.4	27.1	50	+ 1	4.5	+0.8	3.5	0	0	27	01	2	19	3	0	1	1	0	3	0
AZAMGARH	0830	78	999.8	991.2	+1.2	30.3	26.4	24.9	31.5	74	+ 2	5.4	+1.7	5.0	0	0	28	02	4	19	0	0	1	1	1	2	0
	1730	78	996.6	988.6	+2.2	33.0	26.5	23.8	29.5	60	+ 3	4.2	+1.3	3.9	0	0	25	02	1	18	0	1	0	3	0	5	0
FATEHPUR	0830		..	..	..	32.3	27.2	25.0	31.7	68	+14	3.6	+0.2	8.2	0	1	29	03	3	11	8	0	1	3	1	0	0
	1730		..	..	..	37.3	27.6	23.3	28.6	46	+ 5	3.1	-0.4	7.7	0	1	28	04	10	7	2	0	1	3	2	1	0
BALLIA	0830	64	1000.7	993.6	+0.7	29.6	26.4	25.1	31.9	78	+10	6.3	+2.7	1.7	0	0	19	01	3	11	3	0	0	0	1	11	0
	1730	64	998.1	991.4	+2.7	31.5	27.1	25.2	32.1	71	+24	6.4	+3.1	3.1	0	0	25	00	5	14	1	0	3	1	1	5	0
BANDA	0830	121	999.7	986.3	+0.7	33.3	28.0	25.4	32.4	64	+10	2.1	-0.6	2.7	0	0	30	00	15	0	1	0	14	0	0	0	0
	1730	121	996.1	982.8	+1.2	37.6	28.6	25.2	32.1	51	+ 7	3.1	-0.1	2.5	0	0	29	00	14	0	0	0	14	0	1	1	0
ALLAHABAD (BAMHRAULI)	0230	98	997.5	986.6	..	29.2	24.8	22.7	27.6	69	..	3.3	..	6.0	0	0	24	01	2	11	4	2	1	1	2	6	0
	0530	98	997.9	987.0	..	28.3	24.6	22.8	27.7	74	..	4.6	..	5.1	0	0	25	00	5	12	2	0	3	3	0	5	0
	0830	98	999.4	988.5	+0.5	31.2	25.8	[illegible]	28.6	64	+10	5.0	+1.0	8.1	0	0	27	03	7	9	2	0	1	4	1	3	0
	1130	98	998.9	988.2	..	34.8	26.6	[illegible]	27.9	52	..	4.8	..	9.8	0	3	26	01	12	6	3	1	0	3	5	1	0
	1430	98	996.5	985.9	..	36.9	26.6	[illegible]	26.1	44	..	5.1	..	9.7	0	2	28	06	7	3	0	0	0	1	4	0	0
	1730	98	995.5	984.9	+0.7	35.6	25.9	21.3	25.3	46	+ 8	4.4	+0.3	8.7	0	3	26	02	12	7	1	2	1	3	1	1	0
	2030	98	997.2	986.4	..	31.7	25.1	21.8	26.1	58	..	4.1	..	6.1	0	0	26	01	7	9	4	1	2	1	1	4	0
	2330	98	998.1	987.3	..	30.4	25.1	22.5	27.3	64	..	3.4	..	7.1	0	0	25	02	2	12	6	2	1	0	3	5	0
VARANASI (BABATPUR)	0530	85	(R)																								
	0830	85	999.8	990.3	+0.6	30.7	25.6	23.2	28.4	64	+ 3	2.9	-0.9	12.3	0	0	30	01	6	13	2	1	1	3	2	0	1
	1130	85	(R)																								
	1730	85	996.1	986.7	+0.8	33.8	25.5	21.5	25.6	51	+ 6	4.8	+0.9	14.0	0	2	28	03	12	6	3	0	4	1	1	0	0
	2330	85	(R)																								
VARANASI	0830	76	999.2	990.7	+0.3	30.7	25.9	23.8	29.5	68	+ 9	4.7	+0.4	2.5	0	0	19	00	3	7	3	0	0	5	1	11	0
	1730	76	995.9	987.4	+1.1	33.8	25.9	22.3	26.9	54	+ 9	6.3	+1.7	2.3	0	0	21	01	8	6	0	0	0	5	1	9	0
UTTAR PRADESH WEST																											
MUKHIM	0830		..	..	..	19.0	16.4	[illegible]	16.7	76	+14	4.0	..	1.5	0	0	11	00	0	3	1	0	0	0	7	19	0
	1730		..	..	..	20.6	17.3	15.3	17.4	71	+15	4.5	..	4.2	0	0	20	00	0	0	1	0	0	0	19	10	0
TEHRI	0830		..	..	..	25.4	22.1	20.8	24.6	73	+19	4.6	+2.2	1.1	0	0	14	00	6	0	3	0	1	3	1	16	0
	1130		..	..	..	31.4	23.2	[illegible]	22.4	50	..	4.7	..	2.5	0	0	17	02	4	3	1	0	6	1	0	13	0
	1730		..	..	..	30.7	23.1	[illegible]	22.5	53	+17	5.0	+1.1	3.9	0	0	21	00	0	1	8	3	7	2	0	9	0
DEHRA DUN	0530	682	999.3	925.0	..	23.8	22.1	[illegible]	24.7	81	..	5.4	..	0.9	0	0	6	02	2	0	0	0	0	0	2	24	0
	0830	682	1000.5	926.4	+1.0	25.6	22.7	21.3	25.3	78	+20	5.6	+2.4	0.8	0	0	8	06	0	0	0	1	1	0	0	22	0
	1130	682	999.4	926.3	..	29.8	24.2	[illegible]	25.8	63	..	5.5	..	0.7	0	0	8	02	1	0	3	1	0	1	0	22	0
	1730	682	995.6	923.0	+0.9	30.7	24.6	[illegible]	26.3	60	+17	5.0	+1.9	1.2	0	0	15	04	0	0	1	2	4	4	0	15	0
	2330	682	995.0	923.4	..	26.3	23.2	21.7	25.9	72	..	3.2	..	0.9	0	0	4	01	1	0	0	0	0	2	0	26	0
MANSIARI	0830		..	..	..	..	..	..	..	..	..	4.4	..	5.0	0	0	22	00	2	6	5	6	2	0	1	8	0
	1730		..	..	..	..	..	..	..	..	..	5.7	..	11.4	0	0	29	00	0	3	14	11	1	0	0	1	0
ROORKEE	0830	274	999.8	969.8	+1.2	29.9	24.2	[illegible]	25.3	62	+ 7	3.7	+0.4	2.1	0	0	28	00	2	0	26	0	0	0	0	2	0
	1730	274	995.8	966.3	+1.6	34.9	26.3	[illegible]	27.1	49	+12	3.2	+0.5	1.1	0	0	17	00	0	1	15	0	0	0	1	13	0
NAJIBABAD	0830	270	1000.7	971.1	+1.6	29.3	25.0	23.3	28.6	69	+10	2.9	+1.0	3.7	0	0	29	01	0	14	13	0	1	0	0	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — JUNE 1968 (JYAISTHA 11 - ASADHA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations													
			At mean sea level or lt. in gms. of mean standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction										
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
UTTAR PRADESH WEST(CONTD.)																												
NAJIBABAD	1730	270	996.6	967.3	+0.9	34.8	26.8	23.3	28.6	53	+13	1.2	-0.6	3.1	0	0	28	02	1	2	3	0	2	16	2	2	0
MEERUT	0830	222	999.4	974.5	+0.3	30.4	25.2	22.7	27.6	65	+11	0.4	-0.7	5.3	0	0	24	00	0	10	7	1	2	3	1	6	0
BAREILLY	0830	173	1000.1	981.0	+1.4	29.8	25.6	23.7	29.3	71	+13	4.6	+1.4	9.5	0	1	28	00	3	18	2	1	0	1	3	2	0
	1730	173	995.4	976.6	+1.1	34.4	27.5	24.2	30.2	58	+17	4.0	+1.2	4.1	0	0	26	04	1	15	0	0	1	5	0	4	0
BAREILLY P.B.O.	0230	172	997.5	978.6	..	28.4	25.0	23.5	28.9	75	..	3.4	..	10.5	0	1	28	00	2	16	10	0	0	0	0	2	0
	0530	172	998.5	979.3	..	27.7	24.5	23.2	28.4	77	..	5.3	..	7.8	0	0	26	00	4	13	9	0	0	0	0	4	0
	1130	172	999.7	980.9	..	32.4	26.5	24.4	30.5	65	..	5.8	..	12.4	0	7	23	00	1	15	11	0	1	0	2	0	0
	1430	172	997.1	978.5	..	29.5	26.9	24.5	30.7	60	..	4.6	..	9.3	0	0	28	00	6	9	9	0	0	2	2	2	0
	2030	172	996.7	977.8	..	31.6	26.3	24.4	30.5	67	..	2.9	..	9.1	0	0	29	00	4	17	7	0	0	0	1	1	0
	2330	172	997.7	978.7	..	29.7	25.6	24.1	30.0	73	..	2.7	..	10.3	0	1	28	00	0	21	8	0	0	0	0	1	0
ALIGARH	0830	187	999.4	978.7	+0.8	31.7	25.0	21.9	26.3	58	+ 8	3.0	+0.7	7.8	0	0	30	02	3	14	4	3	0	4	0	0	0
	1730	187	995.1	975.0	+0.9	38.2	25.9	19.8	23.1	36	- 1	2.7	-0.1	4.5	0	0	28	04	1	15	0	0	0	8	0	2	0
MAINPURI	0830	157	999.2	981.9	+0.7	31.9	25.6	22.4	27.1	57	+ 6	4.5	+1.0	4.0	0	0	0	..	..	..	..	..	..	..	..	..	..
	1730	157	994.7	977.7	+0.4	38.4	26.8	21.2	25.2	40	+ 3	1.5	-2.0	3.0	0	0	0	..	..	..	..	..	..	..	..	..	..
AGRA	0830	169	998.9	980.4	+0.3	33.5	27.6	24.9	31.5	59	+11	3.4	+0.7	8.5	0	3	22	00	3	0	12	0	7	0	3	5	0
	1730	169	994.6	976.5	+0.1	39.0	28.6	24.3	30.4	46	+12	1.7	-1.4	1.4	0	0	7	00	0	0	1	0	3	0	3	23	0
AGRA AERODROME	0230	169	996.6	978.1	..	31.7	23.9	19.8	23.1	51	..	2.6	..	13.6	0	5	22	01	1	1	14	2	2	4	2	3	0
	0530	169	997.1	978.6	..	30.9	23.9	20.1	23.5	54	..	3.2	..	13.1	0	6	20	01	0	3	10	4	2	4	2	4	0
	0830	169	998.8	980.4	..	33.9	25.5	21.6	25.8	50	..	3.3	..	19.7	0	13	15	01	0	2	12	4	2	3	4	2	0
	1130	169	998.4	980.3	..	37.8	26.6	21.4	25.5	40	..	2.4	..	19.1	0	11	17	01	1	4	5	5	3	4	5	2	0
	1730	169	994.5	976.5	..	39.4	26.0	19.4	22.5	33	..	3.1	..	15.3	0	5	25	02	7	9	3	0	1	2	3	0	3
	2330	169	996.7	978.4	..	33.3	24.6	20.3	23.8	47	..	2.3	..	15.3	0	7	23	00	0	4	12	6	2	3	3	0	0
ORAI	0830	141	1000.7	985.3	+1.7	35.4	27.0	23.3	28.6	51	- 2	3.1	+0.5	3.4	0	0	26	06	10	0	1	0	2	1	6	4	0
	1730	141	996.9	981.7	+2.0	37.3	27.2	22.7	27.6	45	+ 3	2.2	-1.0	4.4	0	0	29	10	7	0	0	0	1	2	9	1	0
JHANSI	0830	251	998.3	971.1	-0.6	33.9	24.6	19.8	23.1	44	- 4	2.4	-0.8	2.1	0	0	18	02	0	3	0	1	0	12	0	12	0
	1730	251	994.4	967.7	-0.1	39.6	25.6	18.6	21.4	31	- 6	3.4	-1.1	3.4	0	0	23	04	0	5	0	10	0	4	0	7	0
MORADABAD	0830		(R)																								
	1730		(R)																								
HARYANA(INCLUDING DELHI AND CHANDIGARH)																											
CHANDIGARH	0830	347	998.5	960.1	+0.6	29.4	24.1	21.3	25.3	64	+18	2.6	+1.2	4.1	0	0	21	00	12	0	1	0	0	0	8	9	0
	1730	347	993.5	956.8	+0.1	36.4	25.2	19.9	23.2	38	+ 8	2.8	+2.0	2.8	0	0	16	00	0	0	4	0	2	0	10	14	0
AMBALA	0830	272	998.9	969.1	+0.7	30.3	24.5	21.3	25.3	61	+12	1.0	-1.1	2.4	0	0	26	00	4	0	21	0	0	0	1	4	0
	1730	272	994.4	965.4	+0.5	36.9	25.3	19.5	22.7	38	+ 6	0.6	-1.5	2.1	0	0	27	00	2	0	11	0	5	0	9	3	0
AMBALA P.B.O.	0230	278	996.4	965.9	..	[illegible]	24.2	21.5	25.6	60	..	0.9	..	9.9	0	5	16	00	1	2	14	0	0	1	2	9	1
	0530	278	997.5	967.2	..	[illegible]	23.7	21.5	25.6	65	..	1.9	..	8.6	0	2	23	00	0	4	17	0	0	0	4	5	0
	1130	278	998.8	968.6	..	33.7	25.8	22.9	27.9	55	..	2.2	..	10.5	0	3	25	00	0	6	17	0	2	1	2	2	0
	1430	278	996.7	966.2	..	36.6	26.3	22.4	27.1	45	..	2.1	..	7.3	0	0	27	01	1	0	17	2	2	3	1	3	0
	2030	278	994.9	964.9	..	34.0	25.7	23.0	28.1	51	..	1.3	..	4.9	0	0	17	00	0	2	9	0	1	3	2	13	0
	2330	278	996.0	965.7	..	32.0	25.0	22.3	26.9	57	..	0.7	..	7.6	0	1	23	02	1	3	14	0	2	1	1	6	0
AMBALA AERODROME	0530	274	997.4	967.0	..	27.4	23.6	21.6	25.8	72	..	2.4	..	13.1	0	0	27	00	2	18	4	0	1	2	0	3	0
	0830	274	998.7	968.6	..	30.2	24.8	22.1	26.6	64	..	2.2	..	16.5	0	6	23	00	0	22	5	0	1	1	0	1	0
	1130	274	998.4	968.7	..	33.1	25.6	22.0	26.4	54	..	2.5	..	19.2	0	9	21	01	2	9	10	2	1	3	2	0	0
	1730	274	994.2	964.8	..	36.5	26.0	20.9	24.7	42	..	2.3	..	13.7	0	0	29	00	0	7	4	3	4	9	2	1	0
	2330	274	996.0	966.1	..	30.8	24.6	21.4	25.5	59	..	1.1	..	9.7	0	1	21	00	0	15	3	0	1	3	0	8	0
KARNAL	0830	249	998.4	971.1	+0.3	30.4	24.9	22.2	26.7	63	+ 8	1.2	-1.0	6.0	0	0	29	00	3	13	8	0	0	4	1	1	0
	1730	249	994.2	967.5	+0.0	36.3	25.9	20.8	24.6	42	+ 8	1.0	-1.0	3.1	0	0	25	01	2	6	2	0	4	6	4	5	0
HISSAR	0530	221	1003.1	972.2	..	30.3	24.9	23.3	28.6	68	..	0.9	..	8.5	0	3	26	00	1	7	7	5	6	3	0	1	0
	0830	221	998.2	974.1	+0.0	32.8	27.3	25.1	31.9	64	+12	0.8	-0.7	8.5	0	6	19	00	0	5	7	4	5	4	0	5	0
	1130	221	997.7	973.9	..	37.6	28.7	25.2	32.0	50	..	0.8	..	10.0	0	5	20	00	1	3	6	0	6	6	3	5	0
	1430	221	995.5	972.3	..	40.7	29.9	25.9	33.4	44	..	1.7	..	10.0	0	4	24	04	3	3	1	0	4	9	3	2	1
	1730	221	993.7	970.6	-0.2	40.5	29.0	24.0	29.8	41	+ 8	1.5	-0.1	5.5	0	8	28	02	2	3	4	1	4	10	2	2	0
	2330	221	995.6	971.6	..	33.9	27.4	23.9	29.7	58	..	0.6	..	7.4	0	1	23	00	0	7	7	1	6	2	1	6	0
NEW DELHI/SAFDARJUNG	0230	216	996.9	973.2	..	31.4	24.0	20.1	23.5	53	..	1.8	..	9.8	0	2	22	00	0	5	12	1	2	3	1	6	0
	0530	216	997.7	973.8	..	29.4	24.0	20.9	24.7	61	..	3.0	..	10.3	0	3	24	01	2	8	9	1	0	6	0	3	0
	0830	216	999.0	975.3	+0.8	31.8	24.9	21.5	25.6	56	+ 8	2.2	-0.4	14.1	0	5	23	01	1	7	12	0	0	5	2	2	0
	1130	216	998.5	975.1	..	36.0	25.7	20.7	24.4	41	..	1.9	..	15.3	0	9	18	00	0	6	11	0	1	5	4	3	0
	1430	216	996.5	973.3	..	38.2	25.9	19.8	23.1	35	..	2.9	..	13.1	0	7	22	02	4	9	6	0	1	3	4	1	0
	1730	216	994.9	971.7	+1.1	37.7	25.3	19.1	22.1	36	+ 4	2.6	-0.2	10.7	0	2	25	03	5	7	2	1	2	4	3	3	0
	2030	216	995.6	972.2	..	34.9	24.9	19.9	23.2	43	..	2.2	..	6.0	0	2	16	01	0	10	2	1	0	3	1	12	0
	2330	216	996.9	973.3	..	32.4	24.6	20.5	24.1	51	..	1.4	..	7.7	0	2	19	00	0	10	6	0	2	3	0	9	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JUNE ,1968 (JYAISTHA 11 - ASADHA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lit. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HARYANA (INCLUDING DELHI AND CHANDIGARH) (CONTD.)																											
PALAM AERODROME	0230	233	996.6	971.1	..	31.0	23.5	19.5	22.7	52	..	1.3	..	15.8	0	9	19	01	0	2	14	2	3	6	0	2	0
	0530	233	997.4	971.7	..	29.5	23.6	20.7	24.4	59	..	1.7	..	17.4	0	14	13	00	0	3	15	1	2	4	2	3	0
	0830	233	998.8	973.4	..	31.7	24.5	20.9	24.7	54	..	1.7	..	22.0	0	17	12	01	1	2	14	4	0	4	3	1	0
	1130	233	998.5	973.6	..	36.5	25.4	20.2	23.7	39	..	1.0	..	20.9	0	19	10	01	1	0	13	3	1	3	7	1	0
	1430	233	996.5	971.6	..	38.6	25.8	19.3	22.4	34	..	2.0	..	16.0	0	11	18	02	2	5	10	1	4	1	4	1	0
	1730	233	994.7	969.8	..	37.8	25.0	18.1	20.8	34	..	1.7	..	17.0	0	12	17	04	3	7	5	2	1	3	3	1	1
	2030	233	995.3	970.3	..	35.2	24.5	18.7	21.6	40	..	1.8	..	14.2	0	9	19	02	3	4	12	2	0	4	1	2	0
	2330	233	996.6	971.3	..	32.6	24.2	19.8	23.1	49	..	1.4	..	16.2	0	10	19	01	0	6	13	4	3	2	0	1	0
GURGAON	0830		..	..	..	32.2	24.3	20.0	23.4	49	..	1.3	..	19.0	0	14	11	00	1	7	10	0	5	2	0	4	0
	1730		..	..	..	38.7	25.0	17.6	20.1	32	..	2.1	..	10.8	0	4	23	05	3	5	3	1	5	4	1	2	0
NARNAUL	0830		(R)																								
	1730		(R)																								
ROHTAK	0830		..	..	..	31.2	25.7	23.2	28.4	64	..	3.1	..	18.8	0	11	19	00	1	9	6	1	1	9	0	0	3
	1730		..	..	..	37.2	24.6	17.8	20.4	34	..	1.1	..	15.1	0	7	23	01	8	3	7	0	0	11	0	0	0
PUNJAB																											
PATHANKOT	0530	312	996.9	962.6	..	28.0	22.2	18.9	21.8	60	..	2.0	..	8.6	0	3	16	00	12	5	1	0	0	1	0	11	0
	0830	312	998.4	964.5	+0.5	32.2	23.9	19.4	22.5	49	+14	1.7	-0.9	12.1	0	4	23	00	4	11	6	5	0	0	0	3	1
	1130	312	997.5	964.2	..	36.3	25.4	19.7	22.9	40	..	1.8	..	15.9	0	4	25	01	1	4	6	15	1	1	0	1	0
	1730	312	993.8	960.7	-0.8	38.3	25.0	18.0	20.6	32	+ 4	2.5	-0.4	15.6	0	5	24	00	3	3	0	11	2	3	6	1	1
	2330	312	996.0	962.0	..	30.3	22.9	18.6	21.4	50	..	1.8	..	9.4	0	3	15	01	5	9	1	1	0	1	0	12	0
AMRITSAR	0530	234	996.6	970.7	..	26.6	22.4	20.0	23.4	60	..	1.3	..	11.5	0	4	20	02	5	9	6	0	0	1	1	6	0
	0830	234	998.0	972.4	+0.3	31.9	24.2	20.1	23.5	51	+ 5	0.9	-0.7	18.7	0	18	8	01	4	6	7	4	1	2	1	4	0
	1130	234	997.6	972.4	..	36.9	25.5	19.7	22.9	38	..	0.6	..	19.1	0	14	16	01	2	7	7	4	2	5	2	0	0
	1430	234	995.6	970.6	..	39.5	25.8	18.8	21.0	31	..	0.7	..	15.2	0	5	25	00	1	4	9	3	3	7	3	0	0
	1730	234	993.6	968.7	+0.0	39.7	25.1	17.0	19.4	28	+ 2	0.8	-0.1	12.8	0	5	22	01	1	2	4	4	3	7	5	3	0
	2030	234	994.9	969.5	..	33.3	24.9	19.7	22.9	46	..	1.1	..	15.0	1	5	22	03	7	4	0	1	4	6	3	2	0
ADAMPUR AERODROME	0830	249	998.4	971.1	..	31.3	23.3	19.0	22.0	50	..	1.8	..	22.0	0	15	13	01	1	4	12	4	2	0	4	2	0
	1730	249	994.3	967.8	..	38.4	24.1	15.9	18.1	28	..	1.3	..	16.7	0	5	23	03	0	3	5	2	2	4	9	2	0
LUDHIANA	0830	247	998.4	971.4	+0.1	32.0	24.9	21.2	25.2	54	+ 5	1.2	-0.9	6.0	0	1	20	00	1	0	14	2	0	0	4	9	0
	1730	247	993.7	967.6	-0.1	39.6	25.6	18.5	21.3	30	- 2	1.6	-0.2	5.7	0	1	24	00	2	0	8	0	2	3	10	5	0
FEROZEPUR	0830	200	998.3	976.4	+1.3	32.2	25.7	22.7	27.6	59	+ 6	0.7	-0.5	3.1	0	0	23	00	0	4	6	8	3	1	1	7	0
	1730	200	995.8	974.4	+2.6	39.7	27.2	21.4	25.5	36	+ 5	0.7	-0.1	2.4	0	0	26	13	2	2	0	1	0	0	8	4	0
HALWARA AERODROME	0530	242	996.7	969.9	..	27.6	23.1	20.5	24.1	67	..	1.4	..	19.5	0	1	28	00	1	11	12	2	2	0	1	1	0
	0830	242	998.0	971.6	..	31.9	24.6	20.9	24.7	53	..	1.3	..	27.8	0	7	23	00	1	9	11	1	3	4	0	0	1
	1130	242	997.7	971.6	..	35.9	25.4	20.1	23.5	41	..	0.9	..	27.4	0	8	22	00	0	6	14	3	1	4	2	0	0
	1730	242	993.7	968.0	..	39.0	24.9	17.1	19.5	29	..	1.4	..	21.8	0	1	27	00	2	2	6	1	2	7	7	2	1
	2330	242	995.9	969.5	..	30.4	23.9	20.4	24.0	55	..	0.7	..	19.1	0	2	28	03	2	8	9	1	1	2	4	0	0
PATIALA	0830	251	998.7	971.4	+0.8	30.4	24.5	21.5	25.6	61	+10	1.4	-0.3	16.5	0	12	10	00	0	0	20	0	0	0	2	8	0
	1730	251	994.5	964.4	-2.5	37.4	25.6	19.4	22.5	37	+ 6	1.4	-0.6	7.4	0	1	16	02	0	0	8	0	0	0	7	13	0
BHATINDA	0830	211	997.9	974.6	..	33.3	25.1	20.9	24.7	49	- 5	0.2	-1.8	5.1	0	0	27	00	1	0	16	0	6	0	4	3	0
	1730	211	993.3	971.0	..	41.1	24.6	15.2	17.3	23	-14	0.2	-1.4	2.9	0	0	28	00	1	0	1	0	3	0	23	2	0
HIMACHAL PRADESH																											
MANDI	0830	761	1000.5	918.0	+0.5	24.8	20.9	18.7	21.6	71	+14	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	761	995.6	915.5	+1.2	31.3	23.6	20.0	23.4	54	+13	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BILASPUR	0830	587	999.4	935.8	+0.1	27.9	23.1	20.8	24.6	67	+15	3.1	+0.6	1.5	0	0	11	00	1	0	4	0	1	0	5	19	0
	1730	587	994.7	932.7	+0.2	34.7	24.6	19.9	23.2	43	+ 8	1.8	-1.5	7.7	0	0	27	00	6	0	0	0	7	1	13	3	0
JAMMU AND KASHMIR																											
MISGAR	0830		(R)																								
	1730		(R)																								
GILGIT	0830		(R)																								
	1730		(R)																								
SKARDU	0830		(R)																								
	1730		(R)																								
LEH	0530	3514	(R)																								
	0830	3514	3082.0	665.5	-0.3	15.0	6.5	- 3.0	7.6	31	- 8	1.6	-1.5	5.8	0	0	5	00	1	0	0	1	2	1	0	25	0
	1730	3514	3037.8	662.8	+0.5	22.0	10.7	2.2	7.2	27	+ 3	2.3	-1.2	6.1	0	0	30	01	0	0	0	2	18	8	1	0	0
SRINAGAR	0230	1587	1433.7	835.0	..	16.2	15.1	13.9	15.9	78	..	1.5	..	1.2	0	0	10	00	0	0	2	0	1	0	7	20	0
	0530	1587	1433.7	835.2	..	15.5	14.3	13.3	15.3	89	..	1.6	..	2.4	0	0	20	00	0	0	12	1	0	0	7	10	0
	0830	1587	1444.4	836.3	-0.4	20.9	16.5	13.8	15.7	64	-11	1.3	-1.1	2.2	0	0	23	01	1	1	11	0	0	0	9	7	0
	1130	1587	1438.5	835.9	..	26.0	18.7	14.8	16.8	49	..	1.4	..	2.2	0	0	24	00	0	0	6	1	2	0	15	6	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JUNE 1968 (JYAISTHA 11 - ASADHA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Kms. per hour	No. of observations												
			At mean sea level or lat. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Kms. p. h.)			Wind direction									
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
JAMMU AND KASHMIR (CONTD.)																											
SRINAGAR	1430	1587	1365.7	835.3	..	29.3	19.5	14.5	16.5	41	..	1.6	..	2.0	0	0	22	00	3	0	5	0	1	0	13	8	0
	1730	1587	1410.0	833.4	-0.4	28.3	18.8	13.9	15.8	42	- 3	2.8	-1.1	2.4	0	0	19	02	3	0	2	1	3	2	6	11	0
	2030	1587	1420.6	838.0	..	23.1	17.3	14.3	16.3	55	..	1.8	..	6.6	0	0	24	00	2	1	3	0	2	3	13	6	0
	2330	1587	1375.5	835.0	..	19.7	16.3	14.3	14.3	72	..	1.4	..	1.7	0	0	16	00	0	0	8	0	0	0	8	14	0
SRINAGAR AERODROME	0530	1666	1440.9	827.8	..	15.1	11.8	9.1	11.5	67	..	1.8	..	4.4	0	1	13	00	0	1	1	3	5	1	3	16	0
	0830	1666	1447.1	828.8	..	20.9	15.5	12.1	14.1	57	..	1.4	..	5.6	0	0	21	08	0	4	2	1	1	0	5	9	0
	1130	1666	1440.3	828.6	..	25.5	17.1	12.1	14.1	44	..	1.7	..	7.3	0	0	24	07	6	2	0	0	2	3	2	6	2
	1730	1666	1414.1	826.2	..	28.0	16.7	9.0	11.5	32	..	3.3	..	10.7	0	3	22	06	1	0	1	1	4	6	6	5	0
	2330	1666	1435.7	827.7	..	19.7	14.4	10.9	13.0	57	..	2.2	..	8.3	0	1	19	05	1	1	1	2	2	3	5	10	0
GULMARG	0830	2655	3093.9	737.2	-0.5	17.5	11.8	7.0	10.1	53	-12	1.7	-0.8	3.3	0	0	21	00	13	1	0	0	1	0	6	9	0
	1730	2655	3085.5	736.6	..	19.1	12.5	7.3	10.2	50	..	3.5	..	5.5	0	0	20	00	7	0	3	0	4	0	6	10	0
QAZIGUND	0830		..	..	..	19.7	15.3	12.7	14.7	66	..	1.1	..	0.4	0	0	2	00	0	0	0	0	0	2	0	28	0
	1730		..	..	..	27.3	18.6	13.5	15.5	44	..	2.7	..	3.9	0	1	16	01	0	0	0	5	2	9	0	13	0
BANIHAL	0830	1630	1433.8	831.1	..	20.9	16.0	12.9	14.7	61	..	0.8	..	0.2	0	0	1	01	0	0	0	0	0	0	0	29	0
	1730	1630	1406.3	829.2	..	27.7	19.4	15.0	17.0	48	..	3.5	..	1.9	0	0	12	02	0	0	0	10	0	0	0	18	0
JAMMU	0830	366	996.4	956.9	..	33.0	22.9	16.8	19.1	40	- 1	0.8	-1.5	4.6	0	0	22	01	17	0	2	1	0	0	0	7	1
	1730	366	997.8	958.8	..	38.1	25.5	19.1	22.1	35	..	0.7	..	1.6	0	0	12	00	12	0	0	0	0	0	0	15	0
JAMMU AERODROME	0530	292	993.4	964.4	..	27.6	21.7	17.7	20.2	54	..	1.5	..	5.0	0	2	9	01	3	1	4	1	0	0	1	19	0
	0830	292	997.8	965.9	..	32.8	23.5	18.3	21.0	43	..	1.2	..	10.0	0	5	15	00	4	1	9	6	0	0	0	10	0
	1130	292	997.2	965.9	..	36.8	24.6	18.1	20.8	34	..	1.1	..	14.5	0	7	21	00	0	1	10	12	1	1	2	2	0
	1730	292	993.6	962.7	..	39.3	24.6	16.3	18.5	27	..	2.2	..	13.3	0	4	23	02	2	0	2	6	5	9	1	3	0
	2330	292	995.7	963.8	..	31.4	22.9	18.1	20.8	47	..	1.5	..	7.5	0	4	10	00	9	1	1	1	0	0	2	16	0
GULMARG (RESEARCH INSTITUTE)	0830		..	..	..	16.8	10.9	5.9	9.3	51	..	1.8	..	3.4	0	0	30	03	2	14	3	0	0	5	2	0	1
	1130		(R)																								
	1730		..	..	..	18.7	12.1	6.7	9.8	49	..	4.8	..	5.1	0	0	28	01	1	6	0	1	0	7	7	2	5
RAJASTHAN, WEST																											
GANGANAGAR	0530	177	995.9	976.3	..	30.2	23.1	19.2	22.2	53	..	0.8	..	3.4	0	0	15	00	2	2	1	0	9	1	0	15	0
	0830	177	997.0	977.8	-0.2	33.0	24.3	19.8	23.1	47	+ 2	0.5	-0.3	5.1	0	0	0	..	..	..	..	..	..	..	..	..	..
	1130	177	996.8	977.8	..	38.3	25.2	18.3	21.0	34	..	0.9	..	5.0	0	0	27	01	0	2	3	3	16	2	0	3	0
	1730	177	992.8	974.2	-0.3	42.4	26.2	17.8	20.4	25	- 2	2.2	+1.2	2.6	0	0	0	..	..	..	..	..	..	..	..	..	..
	2330	177	995.1	975.8	..	36.5	24.3	19.6	22.8	45	..	0.0	..	2.0	0	0	9	00	3	2	1	0	3	0	0	21	0
ANUPGARH	0830		(R)																								
	1730		(R)																								
MAHAJAN	0830	187	996.2	976.0	..	35.4	26.7	22.6	27.4	49	..	0.0	..	8.8	0	4	30	00	0	6	1	0	22	1	0	0	0
	1730	187	991.9	972.2	..	42.3	25.8	16.4	18.6	25	..	0.0	..	7.2	0	0	30	00	1	3	3	1	19	3	0	0	0
CHURU	0830	291	998.3	966.7	-0.9	33.4	25.3	21.3	25.3	51	- 1	0.5	-1.6	23.0	0	18	11	00	1	2	1	0	2	20	3	1	0
	1730	291	993.6	963.0	-1.1	41.6	27.3	20.6	24.3	31	- 1	1.5	-1.8	16.9	0	10	19	06	0	2	0	0	2	16	3	1	0
BIKANER	0830	224	998.8	974.3	+0.3	32.7	24.7	20.6	24.3	51	+ 2	0.4	-0.5	12.5	0	7	20	00	0	0	0	6	19	2	0	3	0
	1730	224	994.5	970.8	+0.5	41.9	24.7	14.3	16.3	21	- 7	1.4	-0.3	10.2	0	4	25	01	1	0	0	2	16	6	3	1	0
BIKANER P.B.O.	0530	224	997.2	972.6	..	31.3	23.2	18.4	21.1	48	..	1.5	..	11.5	0	5	22	00	0	0	0	0	22	4	1	3	0
	1130	224	998.0	973.9	..	37.9	24.7	17.1	19.5	28	..	0.3	..	12.7	0	6	24	01	0	0	0	0	20	9	0	0	0
	1430	224	995.7	972.0	..	42.1	24.4	13.7	15.7	20	..	1.0	..	10.5	0	4	26	00	0	0	1	2	18	8	1	0	0
	2030	224	994.6	970.7	..	39.4	23.7	14.0	16.0	24	..	0.9	..	7.3	0	0	25	00	0	0	1	2	18	1	3	5	0
	2330	224	996.0	971.9	..	36.7	23.1	14.7	16.7	28	..	0.7	..	8.6	0	0	27	02	0	0	2	2	19	1	0	3	0
NAGAUR	0830	298	999.5	967.0	+0.0	32.4	25.4	21.3	25.3	58	+ 3	0.8	-0.3	13.7	0	0	30	00	0	0	0	10	15	5	0	0	0
	1730	298	993.8	960.9	-2.0	40.7	28.2	22.6	27.4	37	+ 6	1.8	+0.2	11.6	0	0	30	01	0	0	0	7	18	3	1	0	0
PHALODI	0830	234	999.7	974.0	+0.1	31.1	26.7	24.0	29.8	67	+ 1	1.4	-0.2	33.9	0	27	3	00	0	0	0	8	16	5	1	0	0
	1730	234	995.8	971.0	+0.1	41.6	28.1	22.2	26.7	34	+ 0	1.0	-1.0	26.3	0	19	11	01	0	0	0	3	10	14	2	0	0
JAISALMER	0830	242	998.7	971.9	+0.0	28.5	0.0	0.0	0.0	0	..	.	..	35.4	1	27	2	00	0	0	0	15	15	0	0	0	0
	1730	242	994.0	968.5	+0.3	40.9	0.0	0.0	0.0	0	..	.	..	27.0	0	19	11	00	1	0	0	14	14	0	1	0	0
JODHPUR	0230	224	997.9	973.4	+5.2	32.9	23.0	17.2	19.6	41	+ 9	0.2	-1.1	19.0	0	11	19	00	0	0	0	0	14	15	1	0	0
	0530	224	999.0	974.2	..	30.0	23.2	19.5	22.7	54	..	1.3	..	19.6	0	13	16	00	0	0	0	0	11	17	1	1	0
	0830	224	1000.8	976.1	+0.5	31.2	24.4	20.9	24.7	55	- 5	2.2	-0.3	22.2	0	20	10	00	0	0	0	0	14	16	0	0	0
	1130	224	1000.0	975.7	..	36.0	24.8	18.9	21.8	37	..	1.0	..	22.3	0	18	12	00	0	0	0	0	16	13	1	0	0
	1430	224	997.4	973.5	..	40.4	25.4	16.3	18.5	29	..	0.7	..	21.8	0	17	13	00	0	0	0	0	14	16	0	0	0
	1730	224	995.7	971.8	+0.3	41.0	24.7	15.1	17.1	23	- 7	0.9	-1.3	19.5	0	13	17	00	0	0	0	0	13	16	1	0	0
	2030	224	996.7	972.6	..	36.4	24.2	16.3	18.5	29	..	0.8	..	15.0	0	5	25	00	0	0	0	1	17	12	0	0	0
	2330	224	998.0	973.6	..	35.1	24.7	16.7	11.0	35	..	0.3	..	14.4	0	5	25	00	0	0	0	0	19	11	0	0	0
BARMER	0530	194	998.8	977.3	..	28.7	23.9	21.2	25.2	66	..	2.4	..	9.4	0	1	26	00	0	0	0	1	22	4	0	3	0
	0830	194	1000.1	978.6	+0.1	30.2	24.5	21.8	26.1	62	- 7	2.1	-0.7	7.6	0	1	29	00	0	0	0	0	28	1	1	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JUNE 1968 (JYAISTHA 11 - ASADHA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
RAJASTHAN WEST (CONTD)																											
BARMER	1130	194	999.7	978.6	..	35.6	25.3	20.2	23.7	42	..	1.1	..	7.3	0	1	29	00	0	0	0	3	25	3	0	0	0
	1730	194	995.6	974.9	+0.4	41.7	26.1	18.0	20.6	26	- 9	0.5	-1.1	6.5	0	0	30	00	0	0	0	0	23	4	3	0	0
	2330	194	998.1	976.9	..	34.7	24.8	20.0	23.4	43	..	0.0	..	0.9	0	0	30	00	0	0	0	0	23	7	0	0	0
JAWAI BANDH	0830	295	1001.7	969.3	+0.4	30.3	24.5	21.6	25.8	61	-10	2.5	-0.8	6.2	0	0	30	00	0	0	2	4	20	4	0	0	0
	1730	295	996.6	965.3	+0.3	38.5	25.5	18.8	21.7	33	-13	1.1	-2.4	6.0	0	0	30	00	0	0	0	4	13	10	3	0	0
JALORE	0830		(R)																								
	1730		(R)																								
RAJASTHAN, EAST																											
PILANI	0830	301	999.5	996.1	+9.4	32.4	26.6	23.4	28.7	61	+19	0.6	-0.4	22.8	0	17	12	00	1	1	3	2	11	9	2	1	0
	1730	301	994.8	962.5	-0.6	40.8	27.0	20.2	23.7	33	+ 8	2.6	+0.6	18.0	0	13	17	03	3	2	2	0	6	7	7	0	0
SIKAR	0830	433	998.4	951.6	-0.7	31.2	20.4	15.7	22.9	53	- 7	0.6	-1.7	1.6	0	0	19	00	0	0	0	0	0	18	1	11	0
	1730	433	993.7	948.6	-0.4	40.2	25.0	17.3	19.7	29	-13	1.0	-2.3	1.6	0	0	18	00	0	0	0	0	0	9	9	12	0
ALWAR	0830	271	997.9	968.4	-0.3	33.5	26.5	23.4	28.8	56	+ 3	1.0	-1.4	2.5	0	0	21	02	2	1	3	1	1	10	1	9	0
	1730	271	993.3	964.7	-1.4	40.3	27.0	20.6	24.3	34	- 3	2.3	-1.6	2.7	0	0	26	06	3	0	1	2	3	4	7	4	0
JAIPUR (SANGANER)	0230	390	996.5	954.3	..	32.1	22.2	16.1	18.3	40	..	1.3	..	7.0	0	2	22	02	2	0	2	0	1	8	9	6	0
	0530	390	997.4	955.0	..	30.5	21.5	16.5	18.8	47	..	1.8	..	8.4	0	6	14	02	0	1	0	0	0	9	8	10	0
	0830	390	998.6	956.6	-0.5	33.8	23.3	17.6	20.1	40	- 7	1.3	-1.0	15.2	0	12	14	00	0	0	0	0	1	10	15	4	0
	1130	390	997.8	956.4	..	38.0	23.9	15.6	17.7	28	..	0.9	..	16.9	0	12	18	01	0	0	0	0	0	14	15	0	0
	1430	390	995.2	954.3	..	40.8	23.8	13.2	15.2	21	..	1.7	..	14.1	0	6	23	01	1	0	1	0	2	8	16	1	0
	1730	390	993.6	952.6	-1.0	40.2	23.2	11.9	13.9	20	-13	2.3	-0.8	12.2	0	5	25	03	1	2	1	0	0	10	13	0	0
	2030	390	995.1	953.7	..	36.6	22.7	13.8	15.8	27	..	1.9	..	7.5	0	0	27	02	1	3	0	0	0	10	11	3	0
	2330	390	996.6	954.7	..	34.2	22.5	15.3	17.4	34	..	1.7	..	8.2	0	1	25	01	0	3	1	1	4	14	2	4	0
DHOLPUR	0830	176	998.2	979.0	-0.5	33.9	25.4	21.3	25.3	48	+ 1	0.7	-2.3	2.5	0	0	13	00	0	3	1	1	0	7	1	17	0
	1730	176	993.7	976.0	-3.2	40.1	26.5	19.9	23.2	33	+ 0	1.2	-3.0	2.1	0	0	11	03	0	1	1	0	0	4	2	19	0
AJMER	0830	486	999.8	947.2	+0.1	30.5	22.8	19.1	22.1	52	- 4	2.6	+0.2	24.2	0	26	0	..	..	..	..	..	..	..	..	..	..
	1730	486	994.3	943.5	-0.2	39.1	23.7	15.4	17.5	26	- 8	1.3	-1.5	16.7	0	8	0	..	..	..	..	..	..	..	..	..	..
TONK	0830	272	998.2	968.8	-0.5	34.4	25.0	20.2	23.7	43	-16	2.0	+0.0	9.6	0	1	29	02	0	0	0	0	2	21	5	0	0
	1730	272	993.1	964.5	-0.3	41.4	25.4	16.3	18.5	25	-15	2.0	-1.3	9.2	0	0	30	00	1	1	1	1	5	16	5	0	0
BHILWARA	0830	425	1000.2	954.3	..	32.4	23.3	18.4	21.1	44	..	1.9	..	16.6	0	13	17	00	0	0	0	0	21	5	4	0	0
	1730	425	995.7	951.1	..	40.5	23.5	12.8	14.8	21	..	3.0	..	10.2	0	2	28	00	0	0	0	0	21	1	8	0	0
KOTA	0830	257	999.4	971.4	-0.2	34.7	25.2	20.5	24.1	45	- 2	2.0	-0.8	16.6	0	10	20	00	0	0	0	0	0	22	8	0	0
	1730	257	994.5	967.3	-0.5	41.0	25.8	17.9	20.5	27	- 8	2.8	-1.3	12.5	0	1	27	04	1	0	1	0	7	9	6	2	0
KOTA AERODROME	0530	274	997.9	968.1	..	32.4	22.9	17.4	19.9	43	..	1.7	..	21.3	0	16	14	02	0	0	0	0	14	12	2	0	0
	0830	274	999.7	970.0	..	34.4	23.9	14.9	16.9	40	..	1.9	..	25.0	0	21	9	01	0	0	0	0	8	17	4	0	0
	1130	274	999.1	969.9	..	38.3	24.4	16.6	18.9	29	..	2.5	..	26.1	0	24	6	01	0	0	0	0	6	10	13	0	0
	1730	274	994.7	965.8	..	41.0	23.9	13.3	15.3	21	..	3.2	..	21.1	0	17	13	04	1	1	1	1	9	5	8	0	0
	2330	274	997.6	968.1	..	36.1	23.1	15.2	17.3	31	..	1.8	..	21.8	0	21	9	01	2	1	0	1	12	10	3	0	0
CHAMBAL (RAWAT BHATTA DAM)	0830	351	998.9	960.9	-1.4	32.6	25.0	21.1	25.0	52	- 7	1.1	-1.8	11.9	0	6	22	00	0	0	0	0	11	7	10	2	0
	1730	351	993.7	956.7	-1.8	39.4	25.4	18.0	20.6	30	-15	3.0	-1.4	15.7	0	9	21	02	0	0	0	0	16	7	5	0	0
UDAIPUR	0230	582	999.6	937.0	..	29.5	22.7	19.2	22.2	56	..	0.8	..	5.3	0	0	21	00	0	0	0	2	13	5	1	9	0
	0530	582	1000.1	936.9	..	27.8	22.3	19.5	22.7	59	..	1.9	..	4.9	0	0	21	00	0	0	●	0	16	3	2	9	0
	0830	582	1001.1	938.3	+0.4	30.0	22.9	19.3	22.4	55	- 8	2.3	-0.9	5.3	0	0	28	00	0	0	0	1	19	3	5	2	0
	1130	582	1000.3	938.5	..	34.2	23.6	18.2	20.9	41	..	1.4	..	7.6	0	0	29	00	2	1	0	3	18	4	1	1	0
	1730	582	996.6	935.4	+0.4	36.6	23.9	17.3	19.7	34	-14	1.9	-2.2	7.0	0	0	27	00	0	1	0	1	11	11	3	3	0
	2330	582	999.8	937.4	..	31.8	22.8	18.4	21.1	47	..	0.5	..	4.8	0	0	18	00	0	0	0	1	11	5	1	12	0
JHALAWAR	0830	321	1000.5	965.4	+0.3	32.6	23.7	18.9	21.8	46	-15	2.7	-0.1	7.0	0	0	0	..	..	..	..	..	..	..	..	..	..
	1730	321	995.0	961.2	+0.0	40.4	23.4	13.6	15.7	25	-15	3.7	+0.0	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BANSWARA	0830	220	..	..	..	29.4	24.9	22.8	27.7	68	..	0.8	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	220	..	..	..	38.5	25.0	17.8	20.4	37	..	0.3	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
DUNGARPUR	0830		..	..	..	29.3	25.7	24.0	29.8	73	..	2.3	..	5.0	0	0	30	00	0	0	0	0	12	16	2	0	0
	1730		..	..	..	37.5	25.3	18.9	21.8	35	..	2.0	..	6.0	0	0	30	00	0	0	0	0	12	10	8	0	0
MADHYA PRADESH, WEST																											
GWALIOR	0230	207	996.5	974.0	..	33.1	23.9	18.9	22.1	45	..	2.3	..	9.2	0	1	29	01	1	3	11	5	4	4	1	0	0
	0530	207	997.3	974.6	..	31.8	23.8	19.5	22.9	50	..	3.5	..	7.1	0	2	23	00	1	3	7	4	2	8	0	5	0
	0830	207	998.6	976.1	+0.1	34.4	24.9	20.1	23.7	44	+ 2	2.7	-0.3	10.3	0	2	26	01	0	2	8	4	2	8	3	2	0
	1130	207	998.1	976.0	..	38.8	25.5	18.8	21.7	32	..	2.5	..	12.9	0	5	24	04	1	2	4	1	0	9	8	1	0
	1430	207	995.7	973.7	..	40.9	25.5	17.2	20.0	27	..	2.9	..	11.3	0	2	28	04	5	3	1	2	1	5	9	0	0
	1730	207	994.2	972.2	-0.1	40.3	24.7	15.9	18.3	26	- 5	3.0	-1.2	8.0	0	1	27	07	3	5	0	0	0	6	7	2	0
	2030	207	995.8	973.6	..	36.8	24.5	17.9	20.6	35	..	3.1	..	9.7	0	1	28	04	5	8	3	2	1	6	0	1	0
	2330	207	996.9	974.5	..	34.1	24.2	18.8	22.0	43	..	2.3	..	9.9	0	1	26	00	2	7	4	8	5	1	0	3	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JUNE 1968 (JYAISTHA 11 - ASADHA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lit. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Cloud Amount (Oktas) Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH, WEST (CONTD)																											
SHEOPUR	0830	235	999.3	973.8	+0.2	34.3	24.4	19.0	22.4	42	-10	3.1	-0.7	13.8	0	7	23	00	0	0	0	5	5	19	1	0	0
	1730	235	994.1	969.3	+0.2	41.3	23.8	12.5	15.2	20	-15	3.1	-1.6	19.4	0	16	14	05	2	1	0	2	6	6	8	0	0
SHIVPURI	0830	464	999.1	949.2	..	32.6	23.0	18.1	21.0	44	..	2.2	..	11.7	0	8	21	01	1	1	0	3	3	13	7	1	0
	1730	464	994.3	945.4	..	37.5	22.8	14.6	16.9	29	..	3.6	..	13.2	0	5	23	02	3	2	0	0	6	9	6	2	0
NOWGONG	0830	229	999.4	974.4	+0.2	32.2	24.7	20.9	25.0	53	- 1	3.7	+0.0	5.6	0	1	24	01	2	6	1	6	6	3	0	5	0
	1730	229	995.2	970.7	+0.5	37.2	24.9	18.1	21.4	37	- 6	4.2	-0.5	9.3	0	3	22	01	15	1	1	0	6	0	1	5	0
GUNA	0530	478	999.1	947.0	..	28.4	22.1	18.7	22.0	58	..	3.9	..	10.8	0	2	24	00	0	1	2	3	11	8	1	4	0
	0830	478	999.7	948.2	-0.1	32.3	23.9	20.0	23.5	50	- 6	3.8	+0.6	11.6	0	4	26	01	0	0	1	3	4	17	4	0	0
	1130	478	998.9	948.1	..	36.5	24.7	18.9	22.4	38	..	4.6	..	14.0	0	4	26	01	1	0	0	0	5	15	8	0	0
	1430	478	996.0	945.8	..	38.9	24.5	17.0	20.1	31	..	5.9	..	14.5	0	5	25	01	0	2	1	1	3	15	7	0	0
	1730	478	994.8	944.5	-0.1	38.3	24.0	16.6	19.3	31	-21	6.3	+1.9	17.9	0	14	16	01	2	0	0	1	1	17	8	0	0
	2330	478	998.3	946.7	..	31.5	22.6	17.9	20.8	47	..	3.7	..	11.8	0	1	26	00	1	1	1	5	9	9	1	3	0
NIMACH	0830	496	1001.6	947.8	+0.5	29.5	22.9	19.6	23.1	56	-11	2.8	-1.0	24.9	0	22	8	00	0	0	0	0	12	18	0	0	0
	1730	496	996.4	944.2	+0.1	37.6	22.4	13.7	15.9	26	-17	2.3	-2.1	18.9	0	13	17	00	1	0	0	0	10	18	0	0	1
RAJGARH	0830	382	1000.6	959.1	-0.2	31.3	24.1	20.1	23.8	54	- 4	2.6	-0.8	21.5	0	16	14	01	0	0	0	0	3	22	4	0	0
	1730	382	995.9	955.4	-0.1	38.1	24.1	15.5	18.5	31	- 7	2.9	-1.8	16.7	0	9	21	04	1	1	1	0	3	19	1	0	0
SAGAR	0830	551	999.9	940.2	+0.1	28.7	19.4	13.0	15.7	42	-16	4.1	-0.1	9.2	0	1	29	00	6	6	0	0	7	9	2	0	0
	1730	551	995.3	937.1	+0.4	35.3	24.5	18.9	22.7	43	- 2	4.7	-0.6	8.7	0	0	30	05	6	6	0	0	5	4	4	0	0
RATLAM	0830	486	1002.5	949.4	+0.8	28.5	24.7	23.2	28.3	74	- 6	4.7	-0.8	21.7	0	19	11	00	0	0	0	0	10	16	4	0	0
	1730	486	996.9	945.5	+0.3	37.2	25.7	20.6	24.4	40	-11	2.9	-2.1	15.4	0	6	24	00	0	0	0	0	6	16	8	0	0
BHOPAL (BAIRAGARH)	0230	523	999.0	942.2	..	28.5	20.5	15.6	18.3	49	..	3.8	..	15.7	0	7	23	00	0	0	1	1	11	13	4	0	0
	0530	523	999.9	942.9	..	27.1	20.6	16.7	19.5	56	..	4.7	..	15.7	0	7	23	00	0	0	0	0	5	22	3	0	0
	0830	523	1001.1	944.4	+0.1	30.0	22.6	18.8	22.0	54	- 9	5.0	+0.9	22.9	0	24	6	01	0	0	0	0	0	18	11	0	0
	1130	523	999.9	944.2	..	34.8	23.5	17.6	20.6	39	..	4.8	..	21.2	0	18	12	03	0	0	0	0	1	13	13	0	0
	1430	523	996.8	941.8	..	37.7	23.2	15.2	17.8	29	..	5.7	..	19.2	0	14	16	04	0	0	0	0	4	13	9	0	0
	1730	523	995.7	940.5	+0.0	36.4	22.7	14.9	17.5	31	-10	5.9	+0.7	17.1	0	13	17	04	1	0	1	1	4	11	8	0	0
	2030	523	998.0	942.1	..	32.0	21.8	16.3	18.6	38	..	5.7	..	12.7	0	3	25	00	1	3	1	5	3	13	2	2	0
	2330	523	999.4	943.0	..	29.8	21.2	16.2	18.9	47	..	4.5	..	13.6	0	5	23	01	0	0	0	4	10	11	2	2	0
UJJAIN	0830	489	1002.2	948.7	..	28.1	25.1	23.9	29.7	79	..	4.6	..	26.5	0	26	4	00	0	0	0	0	0	24	6	0	0
	1730	489	996.6	944.7	..	36.2	25.5	20.7	24.7	42	..	4.4	..	26.5	0	25	5	01	0	0	0	0	2	19	8	0	0
NARSINGHPUR	0830	356	1000.7	961.8	..	30.4	24.7	21.8	26.4	63	..	3.7	..	7.3	0	0	29	00	1	0	0	0	12	14	1	1	1
	1730	356	995.6	957.6	..	36.2	26.0	21.1	25.2	45	..	5.8	..	2.9	0	0	30	02	4	0	0	1	13	4	6	0	0
HOSHANGABAD	0830	302	1002.3	969.1	+1.0	29.6	24.0	20.9	25.2	63	+ 1	2.9	-2.0	2.0	0	0	30	00	0	0	0	2	27	1	0	0	0
	1730	302	996.6	964.3	+0.5	37.3	24.8	17.8	21.0	35	- 9	4.4	-1.1	2.2	0	0	30	00	10	0	11	0	8	0	1	0	0
INDORE	0530	567	1001.3	939.2	..	25.5	21.4	19.2	22.4	69	..	3.0	..	21.9	0	21	9	00	0	0	0	0	12	17	1	0	0
	0830	567	1002.3	940.6	+0.5	27.9	22.5	19.8	23.2	62	-11	3.9	-0.6	26.0	0	23	7	00	0	0	0	0	4	22	4	0	0
	1130	567	1001.1	940.5	..	32.6	22.9	17.7	20.8	43	..	3.5	..	22.7	0	22	8	01	0	0	0	0	6	17	6	0	0
	1730	567	996.7	936.8	+0.2	35.6	22.1	14.3	16.6	30	-17	3.8	-1.1	21.4	0	18	12	00	0	0	0	0	6	17	7	0	0
	2330	567	1000.9	939.5	..	28.9	21.0	16.2	19.0	49	..	2.2	..	16.5	0	12	17	01	0	1	0	2	12	11	2	1	0
RAJPUR (JHABUA)	0830	293	1004.1	971.6	+0.3	28.0	24.1	22.2	26.9	71	- 5	4.8	-0.6	22.0	0	23	7	00	0	0	0	0	2	28	0	0	0
	1730	293	999.4	967.9	+0.5	36.2	23.8	16.6	19.4	33	-14	1.7	-2.2	19.7	0	16	14	00	0	0	0	0	4	26	0	0	0
CHHINDWARA	0830	685	1000.5	927.0	-0.1	29.3	22.6	19.0	22.4	58	- 6	3.6	-0.7	9.7	0	1	28	01	0	0	0	0	1	19	8	1	0
	1730	685	995.9	923.7	+0.2	33.8	23.6	18.2	21.6	45	- 8	5.1	-0.4	9.1	0	0	30	02	3	0	0	0	6	1	18	0	0
SEONI	0830	619	1000.4	933.8	+0.3	29.3	22.2	18.3	21.6	57	- 6	4.3	-1.0	11.1	0	1	28	04	0	1	0	1	8	9	6	1	0
	1730	619	995.9	930.3	-0.1	33.3	23.0	17.3	20.5	46	- 9	6.1	+0.0	11.8	0	4	25	05	0	0	1	2	5	6	10	1	0
BETUL	0830	653	1001.8	931.3	+0.4	28.5	22.3	19.1	22.4	59	-11	5.3	-0.2	11.5	0	2	28	01	0	0	0	0	0	17	12	0	0
	1730	653	996.2	927.4	+0.1	34.4	22.5	15.4	18.5	37	-14	6.1	+0.1	11.2	0	0	30	03	0	0	1	0	2	9	15	0	0
KHANDWA	0830	318	1002.8	967.8	+0.5	28.9	23.4	20.4	24.4	60	- 6	3.7	-0.9	5.0	0	0	29	05	0	0	0	2	3	12	7	1	0
	1730	318	997.2	963.1	+0.3	36.8	24.0	16.7	19.4	35	- 9	4.5	-0.9	4.5	0	0	30	05	1	0	0	3	7	9	5	0	0
TIKAMGARH	0830		..	..	..	30.6	24.4	21.2	25.5	60	..	3.2	..	10.9	0	3	27	01	1	1	3	3	10	10	1	0	0
	1730		..	..	..	38.6	25.7	19.0	22.4	37	..	4.8	..	10.6	0	2	27	08	6	1	1	0	4	5	4	1	0
MADHYA PRADESH, EAST																											
SATNA	0530	317	998.1	963.3	..	28.7	22.8	20.0	22.9	62	..	2.9	..	4.6	0	1	21	03	2	6	0	0	1	8	2	8	0
	0830	317	999.1	964.6	+0.4	31.8	24.2	20.1	24.0	52	- 1	3.1	-0.9	4.3	0	0	29	00	1	7	1	1	1	17	1	1	0
	1130	317	998.2	964.3	..	35.8	24.9	19.2	22.5	40	..	3.3	..	5.7	0	1	28	05	1	5	0	0	0	11	7	1	0
	1430	317	996.2	962.3	..	36.5	24.7	18.3	21.4	39	..	4.7	..	5.8	0	0	29	07	0	3	1	0	0	12	6	1	0
	1730	317	995.3	961.2	+0.5	35.2	24.3	18.1	21.4	41	- 3	4.7	-0.2	5.3	0	0	29	06	1	1	0	1	1	11	8	1	0
	2330	317	998.4	963.7	..	30.3	23.7	20.5	23.8	57	..	1.3	..	5.1	0	0	29	03	3	4	3	3	3	8	2	1	0
REWA	0830	299	998.6	965.9	..	31.8	25.0	22.1	26.1	58	..	4.3	..	4.3	0	0	25	02	5	2	2	1	1	8	4	5	0
	1730	299	994.9	962.8	..	35.1	25.5	20.6	24.7	46	..	5.3	..	5.5	0	0	30	06	6	2	3	0	2	5	6	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JUNE 1968 (JYAISTHA 11 - ASADHA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH, EAST (CONTD.)																											
SIDHI	0830	272	997.8	968.1	-0.8	31.1	25.5	22.9	29.1	63	+10	2.6	+0.0	1.4	0	0	17	01	2	11	0	2	1	0	0	13	0
	1730	272	994.9	965.6	+0.1	34.9	26.0	21.8	26.3	50	+ 9	2.8	-1.6	1.1	0	0	12	03	3	4	0	2	0	0	0	18	0
UMARIA	0830	459	999.7	950.0	+0.5	30.4	24.6	22.0	26.6	63	+ 8	4.6	-0.2	6.9	0	0	29	03	0	2	2	2	2	17	1	1	0
	1730	459	995.2	946.3	+0.1	35.0	25.2	20.5	24.9	48	+ 2	5.8	+0.0	6.1	0	0	29	05	1	0	1	2	0	14	6	1	0
JABALPUR	0530	393	999.1	956.1	..	27.8	22.7	19.8	23.5	64	..	4.9	..	2.9	0	0	16	00	0	0	0	3	7	6	0	14	0
	0830	393	1000.3	957.7	+0.4	30.8	24.0	20.5	24.3	57	+ 0	4.1	-0.6	5.8	0	0	25	00	1	1	0	1	4	17	1	5	0
	1130	393	999.2	957.2	..	35.2	25.0	19.7	23.2	44	..	4.1	..	6.5	0	0	29	02	0	0	1	1	2	20	3	1	0
	1430	393	996.5	954.8	..	37.3	25.3	18.8	22.4	39	..	5.4	..	6.8	0	0	29	03	0	0	0	0	3	15	8	1	0
	1730	393	995.4	953.6	+0.3	35.7	24.6	18.4	21.8	41	- 4	6.0	+0.3	6.9	0	1	27	04	6	1	0	1	4	6	6	2	0
	2030	393	997.9	955.4	..	31.6	24.0	20.0	23.7	55	..	4.4	...	2.9	0	0	14	04	2	0	1	0	2	5	0	16	0
	2330	393	999.3	956.5	..	29.6	23.6	20.4	24.3	61	..	3.8	..	3.0	0	0	18	00	3	2	1	4	6	2	0	12	0
AMBIKAPUR	0830	611	999.5	933.7	+0.0	28.6	23.8	21.5	25.9	67	+ 6	4.5	+0.9	5.4	0	0	24	03	1	3	0	6	5	6	0	6	0
	1730	611	996.0	931.0	+0.3	31.5	23.6	19.7	23.2	55	+ 4	6.4	+1.9	9.7	0	2	28	13	1	5	1	3	1	6	0	0	0
JASHPURNAGAR	0830	779	999.8	916.2	..	26.3	22.5	20.6	24.4	72	..	3.9	..	2.3	0	0	21	00	1	1	2	0	12	0	5	9	0
	1730	779	995.9	913.0	..	28.0	23.0	20.7	24.4	67	..	4.8	..	1.7	0	0	20	05	2	0	0	3	8	0	2	10	0
PENDRA	0530	625	999.1	931.1	..	25.5	21.7	19.6	23.2	72	..	5.3	..	5.4	0	2	19	02	0	0	2	9	3	0	5	9	0
	0830	625	999.6	932.4	-0.1	29.0	23.1	20.3	23.8	62	+ 2	4.2	-1.0	7.3	0	4	21	02	1	0	3	7	2	3	4	5	3
	1130	625	998.2	932.0	..	33.1	23.9	19.4	22.9	48	..	4.2	..	9.4	0	2	26	08	1	1	1	4	1	8	4	2	0
	1430	625	995.9	929.9	..	33.5	23.4	18.2	21.3	45	..	5.2	..	13.9	0	10	17	09	2	2	1	3	1	2	6	3	1
	1730	625	995.5	929.1	-0.2	31.9	22.8	17.9	21.0	49	- 6	5.1	-1.1	10.3	0	2	26	11	0	0	1	3	3	2	8	2	0
	2330	625	999.4	931.9	..	27.2	22.4	20.0	23.5	67	..	5.2	..	7.0	0	4	18	06	0	0	1	9	3	1	2	8	0
MANDLA	0830	443	1000.3	952.3	+0.3	29.3	23.9	21.2	25.3	64	+ 0	4.1	-0.4	2.8	0	1	6	02	0	1	0	1	1	1	1	23	0
	1730	443	995.5	948.2	+0.0	33.9	24.5	19.5	22.9	49	- 4	4.9	-0.8	6.2	0	1	19	07	0	0	0	4	1	0	6	10	2
CHAMPA	0830	245	1000.1	973.2	+0.0	29.7	24.9	22.6	27.6	68	+ 8	6.8	+1.3	9.3	0	4	23	02	1	4	2	1	5	11	1	3	0
	1730	245	995.5	969.1	-0.1	35.7	25.5	19.9	24.3	46	+ 1	6.8	+0.3	11.7	0	7	20	04	2	1	0	2	2	12	4	3	0
RAIGARH	0830	220	1000.5	976.3	+0.5	29.9	24.7	22.2	26.9	65	+ 4	6.1	+0.6	4.3	0	0	30	00	8	1	3	3	14	1	0	0	0
	1730	220	995.8	972.0	+0.2	35.5	25.0	19.4	22.9	44	- 4	6.7	+1.0	3.9	0	0	28	01	9	0	1	0	11	1	4	2	1
RAIPUR	0530	298	999.2	966.4	..	27.7	22.9	20.1	24.0	67	..	6.5	..	5.5	0	0	27	02	0	0	1	6	6	10	2	3	0
	0830	298	1000.5	967.9	+0.1	30.4	24.4	20.9	25.6	61	+ 0	6.4	+0.9	6.8	0	0	29	01	1	3	1	1	11	10	1	1	0
	1130	298	999.6	967.3	..	34.8	25.2	20.1	24.1	47	..	5.6	..	7.1	0	0	30	04	1	0	0	1	4	14	6	0	0
	1430	298	996.8	964.8	..	36.8	25.3	19.1	22.8	41	..	5.8	..	6.6	0	0	30	01	1	1	0	3	4	12	8	0	0
	1730	298	996.2	964.1	+0.0	34.0	24.5	19.4	22.9	47	- 2	6.3	+0.2	8.7	0	2	28	02	4	1	3	1	3	11	5	0	0
	2030	298	998.5	966.0	..	31.3	23.9	19.8	23.5	57	..	5.7	..	4.9	0	0	21	01	3	0	0	2	6	8	1	9	0
	2330	298	999.6	966.9	..	29.4	23.5	20.4	24.1	62	..	5.6	..	6.8	0	1	25	01	0	1	0	9	9	3	3	4	0
KANKER	0830	402	1000.8	957.1	-0.2	30.1	24.8	22.3	26.9	65	+ 1	5.9	+0.1	5.5	0	0	25	00	0	0	0	3	22	0	0	5	0
	1730	402	996.5	953.5	-0.3	34.4	26.2	22.5	27.3	53	- 2	5.5	-0.7	6.9	0	0	29	00	0	0	0	0	16	5	8	1	0
JAGDALPUR	0530	553	1001.4	940.8	..	24.5	21.9	20.6	24.4	80	..	7.2	..	3.7	0	1	12	00	0	0	0	6	5	1	1	17	0
	0830	553	1002.1	942.0	+0.4	27.3	23.1	21.1	25.2	70	- 1	6.7	+1.0	6.3	0	0	26	00	0	0	0	6	16	3	1	4	0
	1130	553	1000.6	941.3	..	31.4	23.9	20.5	24.1	55	..	5.9	..	9.1	0	0	30	00	0	0	0	5	14	8	3	0	0
	1430	553	997.9	939.2	..	33.1	24.1	19.9	23.4	49	..	6.5	..	9.1	0	1	27	00	0	0	1	3	10	10	4	2	0
	1730	553	998.1	938.7	+0.3	29.9	23.4	20.3	24.1	61	+ 0	7.3	+1.0	7.7	0	1	26	00	0	2	0	6	11	7	1	3	0
	2030	553	1000.3	940.2	..	27.0	22.7	20.6	24.4	70	..	6.1	..	5.4	0	1	20	00	0	0	1	8	10	1	1	9	0
	2330	553	1001.3	941.1	..	26.3	22.6	20.7	24.7	73	..	5.9	..	4.3	0	0	15	00	0	1	1	5	6	2	0	15	0
GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																											
DEESA	0830	136	1003.4	988.2	+1.8	29.0	24.8	22.9	27.9	70	- 4	5.2	+0.4	9.9	0	0	30	00	0	0	2	1	20	2	4	0	1
	1730	136	998.8	984.1	+2.0	39.3	24.9	17.0	19.4	28	-13	2.9	-0.8	16.0	0	9	21	00	0	0	0	1	0	21	0	4	0
RADHANPUR	0830	30	1002.7	999.4	+0.1	29.7	27.5	26.6	34.8	83	+ 5	2.2	-1.3	6.1	0	0	29	00	0	0	0	0	29	0	0	1	0
	1730	30	997.9	994.5	-0.6	39.3	29.3	25.4	32.4	46	- 1	0.1	-2.0	4.3	0	0	28	00	0	0	0	1	22	5	0	2	0
IDAR	0830	219	1003.5	979.2	+0.8	28.9	24.3	22.1	26.6	67	- 8	4.2	-1.3	6.1	0	1	29	00	0	0	0	0	13	17	0	0	0
	1730	219	997.8	974.3	-0.7	39.1	24.2	15.4	17.5	26	-21	1.6	-2.7	5.9	0	0	30	00	0	0	0	1	12	17	0	0	0
AHMADABAD	0230	55	1001.8	995.6	..	29.5	25.0	22.9	27.9	68	..	1.3	..	13.7	0	4	25	00	0	0	0	1	13	13	2	1	0
	0530	55	1002.1	995.9	..	28.0	24.6	23.1	28.3	75	..	1.8	..	10.8	0	0	29	00	0	0	1	0	14	12	2	1	0
	0830	55	1003.6	997.4	+0.8	29.8	25.5	23.6	29.1	70	- 7	3.9	-0.9	14.5	0	2	28	00	0	0	0	1	15	13	1	0	0
	1130	55	1003.1	997.0	..	34.5	26.0	22.1	26.6	49	..	3.1	..	16.9	0	6	24	00	0	0	0	1	13	16	0	0	0
	1430	55	1000.4	994.4	..	38.9	26.1	19.7	22.9	34	..	2.3	..	16.5	0	4	26	00	0	0	0	3	6	19	2	0	0
	1730	55	998.4	992.4	+0.8	39.4	26.1	19.4	22.5	33	- 8	1.8	-2.1	19.5	0	16	14	00	0	0	0	4	13	12	1	0	0
	2030	55	1000.2	994.1	..	33.5	26.1	22.7	27.6	55	..	2.3	..	18.2	0	10	19	00	0	0	0	10	15	4	0	1	0
	2330	55	1001.9	995.7	..	31.0	25.4	22.7	27.6	62	..	1.2	..	15.6	0	8	22	00	0	0	0	4	13	12	1	0	0
DOHAD	0830	333	1003.1	966.4	+0.2	28.1	23.9	21.9	26.3	69	- 6	4.0	-0.4	30.3	0	28	1	00	0	0	0	0	8	20	1	1	0
	1730	333	997.9	962.4	+0.3	36.8	24.4	17.6	20.1	34	-11	2.0	-1.6	26.7	0	25	5	00	0	0	0	0	8	21	1	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JUNE 1968 (JYAISTHA 11 - ASADHA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
GUJARAT REGION (INCLUDING DAMAN DADRA AND NAGAR HAVELI (CONTD.)																											
VALLABH VIDYANAGAR	0830	44	1004.1	999.2	..	28.5	26.1	25.0	31.7	82	..	3.2	..	10.5	0	2	28	00	0	0	0	1	28	1	0	0	0
	1730	44	999.2	994.4	..	38.0	27.7	23.4	28.8	47	..	1.4	..	15.1	0	7	23	00	0	0	1	3	25	1	0	0	0
BARODA AERODROME	0830	38	1004.2	1000.0	+1.1	29.9	25.3	23.2	28.4	68	- 7	4.3	-0.6	17.8	0	13	17	00	0	0	0	3	17	10	0	0	0
	1130	38	1003.6	999.4	..	34.1	25.2	20.9	24.7	47	..	3.3	..	19.0	0	14	16	00	0	0	0	1	14	15	0	0	0
	1730	38	999.4	995.2	+0.5	36.7	25.7	20.1	23.5	40	-12	1.7	-2.1	25.9	0	23	7	00	0	0	0	2	19	8	1	0	0
BARODA	0530	34	1002.8	998.9	..	28.1	25.3	24.0	29.8	79	..	2.0	..	5.7	0	0	29	00	0	1	0	0	26	2	0	1	0
	0830	34	1004.3	1000.4	+1.0	29.8	25.7	23.8	29.5	71	- 3	4.0	-0.3	5.8	0	0	29	00	0	0	0	0	22	7	0	1	0
	1130	34	1003.9	1000.1	..	34.1	26.0	22.1	26.6	50	..	2.7	..	8.0	0	0	30	00	0	0	0	0	25	5	0	0	0
	1730	34	999.7	995.9	+0.8	37.6	26.2	20.7	24.4	39	-12	0.9	-2.4	7.6	0	1	29	00	0	0	0	0	20	8	2	0	0
	2330	34	1002.9	999.0	..	30.2	26.1	24.3	30.4	71	..	1.1	..	10.7	0	1	29	00	0	0	0	0	30	0	0	0	0
BROACH	0830		..	..	..	..	..	..	..	..	..	4.2	-0.5	4.3	0	0	30	00	0	0	0	0	29	1	0	0	0
	1730		..	..	..	..	..	..	..	..	..	3.1	-0.2	5.0	0	0	30	00	0	0	0	0	30	0	0	0	0
SURAT	0530	12	1003.3	1002.0	..	27.7	25.5	24.6	30.9	83	..	3.3	..	10.4	0	2	28	00	0	0	0	0	30	0	0	0	0
	0830	12	1004.8	1003.5	+1.1	29.7	26.2	24.7	31.1	75	- 2	5.2	-0.9	9.1	0	1	29	00	0	0	0	0	30	0	0	0	0
	1130	12	1005.0	1003.7	..	32.2	26.5	24.0	29.8	63	..	5.2	..	15.1	0	7	23	00	0	0	0	0	30	0	0	0	0
	1730	12	1002.0	1000.6	+1.1	31.9	26.6	24.2	30.2	65	- 5	3.1	-1.2	18.7	0	19	11	00	0	0	0	0	30	0	0	0	0
	2330	12	1004.2	1002.9	..	28.9	26.1	24.9	31.5	79	..	3.0	..	15.1	0	10	20	00	0	0	0	0	30	0	0	0	0
SAURASHTRA AND KUTCH																											
NALIYA	0830	21	1002.2	999.8	+0.3	29.8	26.6	25.2	32.1	77	- 1	4.1	-1.2	23.9	0	21	9	00	0	0	1	1	27	1	0	0	0
	1730	21	999.9	997.5	+0.3	32.1	27.1	25.0	31.7	65	- 3	4.6	-0.8	21.7	0	20	10	00	1	0	0	1	23	5	0	0	0
BHUJ (RUDRAMATA)	0230	80	1001.0	991.9	..	27.9	26.2	25.5	32.6	87	..	1.4	..	18.9	0	15	15	00	0	0	0	0	26	4	0	0	0
	0530	80	1001.0	991.9	..	27.5	25.9	25.3	32.2	88	..	2.0	..	17.0	0	14	12	00	0	0	0	1	21	4	0	4	0
	0830	80	1002.1	993.1	+0.4	30.0	26.9	25.7	33.0	78	+ 6	3.5	-0.4	26.3	0	23	7	00	0	0	0	2	16	12	0	0	0
	1130	80	1001.8	993.0	..	34.5	27.6	24.7	31.1	57	..	2.1	..	27.8	0	24	6	00	0	0	0	3	17	10	0	0	0
	1430	80	1000.1	991.4	..	36.5	27.7	23.9	29.7	49	..	1.9	..	28.1	0	24	6	01	0	0	0	3	16	10	0	0	0
	1730	80	999.0	990.2	+0.7	35.1	27.5	24.2	30.2	54	+ 4	1.9	-1.1	27.9	0	25	5	00	0	0	0	1	20	9	0	0	0
	2030	80	1000.4	991.4	..	30.5	26.8	25.2	32.1	74	..	2.1	..	24.9	0	24	6	00	0	0	0	0	26	4	0	0	0
	2330	80	1001.5	992.5	..	28.7	26.6	25.7	33.0	84	..	1.3	..	22.9	0	20	10	00	0	0	0	0	27	3	0	0	0
KANDLA AERODROME	0830	35	1002.9	999.0	..	30.4	27.1	25.8	33.2	76	..	2.7	..	32.1	0	26	4	00	0	0	0	4	24	2	0	0	0
	1130	35	1002.5	998.7	..	34.8	27.9	25.0	31.7	57	..	2.2	..	34.8	0	28	2	00	0	0	0	5	22	3	0	0	0
	1730	35	999.6	995.8	..	35.9	27.8	24.4	30.5	52	..	1.6	..	37.3	0	28	2	00	0	0	0	3	25	2	0	0	0
NEW KANDLA	0830	14	1003.1	1001.5	+0.0	29.9	26.4	24.9	31.5	75	- 2	4.5	+0.2	29.9	0	27	3	00	0	0	0	2	10	16	2	0	0
	1730	14	1000.2	998.6	+0.1	33.7	27.2	24.3	30.4	59	+ 0	2.4	-0.2	39.1	0	29	1	00	0	0	0	0	15	15	0	0	0
MANDVI	0830	9	1003.2	1002.2	+1.2	29.6	27.2	26.1	33.8	81	- 7	5.1	+0.8	28.1	0	23	7	00	0	0	0	3	11	16	0	0	0
	1730	9	1000.9	999.8	+1.0	31.1	27.8	26.4	33.4	78	- 7	4.3	+0.4	40.0	0	30	0	00	0	0	0	1	10	19	0	0	0
SURENDRANAGAR	0830	74	1003.5	995.1	+1.0	30.2	26.6	25.0	31.7	74	- 5	3.9	+0.0	18.9	0	15	15	00	0	0	1	2	6	19	2	0	0
	1730	74	998.6	990.6	+0.7	38.7	27.0	21.6	25.8	39	- 9	3.2	-1.3	21.1	0	18	12	00	0	0	1	0	6	21	2	0	0
OKHA	0530	7	1001.9	1001.1	..	28.3	26.6	25.8	33.4	86	..	3.4	..	23.6	0	22	7	00	0	0	0	3	25	1	0	0	0
	0830	7	1003.4	1002.6	..	29.5	27.1	26.2	34.0	83	..	3.5	..	25.7	0	25	5	00	0	0	0	3	22	5	0	0	0
	1130	7	1003.8	1003.0	..	31.1	27.5	26.1	23.8	75	..	3.2	..	25.7	0	25	5	01	0	0	0	1	15	13	0	0	0
	1730	7	1001.3	1000.5	..	30.8	27.6	26.3	34.2	77	..	3.2	..	26.9	0	28	2	00	0	0	0	1	18	10	1	0	0
	2330	7	1002.9	1002.1	..	29.0	26.9	26.1	33.8	84	..	1.8	..	25.8	0	23	7	00	0	0	1	1	25	3	0	0	0
JAMNAGAR AERODROME	0530	23	1002.4	999.9	..	27.0	25.9	25.5	32.6	91	..	2.6	..	23.1	0	21	8	00	0	0	0	4	15	10	0	1	0
	0830	23	1003.5	1001.0	+1.2	29.9	27.4	26.4	34.4	82	+13	4.0	-1.0	31.0	0	29	1	00	0	0	0	2	16	12	0	0	0
	1130	23	1003.4	1000.9	..	33.9	28.4	26.2	34.0	65	..	3.0	..	35.5	0	27	3	00	0	0	0	2	4	21	3	0	0
	1730	23	1000.7	998.2	+1.8	33.2	28.1	26.0	33.6	67	+ 5	1.9	-1.6	40.9	0	30	0	00	0	0	0	1	3	19	7	0	0
	2330	23	1003.0	1000.5	..	28.7	26.3	25.2	32.1	82	..	1.4	..	31.9	0	29	1	00	0	0	0	2	13	14	1	0	0
DWARKA	0830	11	1004.0	1002.7	+1.5	29.2	28.4	28.1	38.0	94	+13	3.8	-1.1	16.3	0	6	24	00	0	0	0	2	17	8	0	0	3
	1730	11	1001.7	1000.4	+1.5	30.6	29.7	29.2	40.5	92	+15	3.9	-0.8	14.7	0	6	24	00	0	0	0	4	16	10	0	0	0
RAJKOT	0530	138	1001.9	986.6	..	26.2	24.8	24.1	30.8	88	..	2.1	..	20.7	0	19	11	00	0	0	0	4	23	3	0	0	0
	0830	138	1003.4	988.8	+0.8	29.0	26.2	25.0	31.7	79	+ 3	2.1	-2.6	29.3	0	26	4	01	0	0	1	0	25	3	0	0	0
	1130	138	1002.5	987.5	..	34.6	26.8	23.4	31.8	53	..	1.3	..	28.8	0	28	2	00	0	0	1	1	20	8	0	0	0
	1430	138	1000.3	985.4	..	37.8	27.1	22.3	26.8	42	..	1.5	..	33.5	0	28	1	00	0	0	0	2	16	10	1	1	0
	1730	138	999.1	984.2	+0.6	36.7	27.0	22.6	27.4	45	- 3	1.1	-3.6	38.5	0	27	3	00	0	0	0	4	13	10	3	0	0
BHAUNAGAR AERODROME	0830	11	1004.3	1003.1	+0.9	30.0	26.3	24.7	31.1	74	+ 9	2.9	-1.4	22.2	0	23	7	01	0	0	0	3	17	8	1	0	0
	1130	11	1003.9	1002.7	..	34.7	26.7	23.1	28.3	52	..	3.3	..	21.9	0	20	9	02	0	2	1	3	13	8	0	1	0
	1730	11	999.7	998.5	+0.4	36.0	27.6	23.8	29.5	51	+ 4	2.7	-1.9	38.1	0	29	1	00	0	0	4	14	8	4	0	0	0
PORBANDER AERODROME	0830	7	1003.6	1002.8	+1.1	29.6	26.7	25.5	32.6	79	- 5	3.1	-1.8	21.4	0	23	5	00	0	0	1	2	16	9	0	0	0
	1130	7	1004.2	1003.4	..	31.4	27.0	25.2	32.1	70	..	3.1	..	27.4	0	27	3	00	0	0	0	4	16	10	0	0	0
	1730	7	1001.8	1001.0	+1.3	30.9	27.3	25.8	33.2	74	- 5	3.0	-3.0	29.3	0	26	0	00	0	0	1	3	13	9	0	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JUNE 1968 (JYAISTHA 11 - ASADHA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gram. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SAURASHTRA AND KUTCH (INCLUDING DIU)																											
KESHOD	0830	210	1003.7	997.9	-0.2	29.5	25.7	24.0	29.8	73	- 2	3.8	-0.6	21.0	0	16	12	00	0	0	1	2	9	16	0	0	0
	1130	210	1004.1	998.4	..	33.1	25.6	22.1	26.6	53	..	3.7	..	24.9	0	21	9	00	0	0	1	1	8	20	0	0	0
	1730	210	1001.7	996.0	+0.2	32.1	25.6	22.7	27.6	58	- 5	3.6	-0.6	27.3	0	28	2	00	0	0	1	2	8	19	0	0	0
MAHUVA	0830	9	1003.8	1002.9	..	27.5	25.7	24.9	31.5	85	..	4.7	..	4.5	0	0	28	00	0	0	0	4	9	13	2	2	0
	1730	9	1001.2	1000.2	..	31.7	26.5	24.3	30.4	66	..	3.8	..	20.0	0	19	11	00	0	0	1	8	17	2	0	0	2
VERAVAL	0230	8	1003.1	1002.2	..	28.2	26.9	26.5	34.6	90	..	2.6	..	23.1	0	17	13	00	0	0	0	2	8	18	2	0	0
	0530	8	1002.9	1002.0	..	28.0	26.8	26.3	34.2	90	..	3.6	..	21.5	0	15	15	00	0	0	1	2	7	18	2	0	0
	0830	8	1004.4	1003.5	+1.0	29.0	27.4	26.7	25.0	88	+ 5	3.4	-1.4	17.9	0	14	12	00	0	0	1	1	4	17	3	4	0
	1130	8	1004.8	1003.9	..	30.8	28.2	27.2	36.1	81	..	3.2	..	18.1	0	15	13	00	0	0	1	2	6	17	2	2	0
	1430	8	1003.3	1002.4	..	31.3	28.6	27.6	36.9	81	..	3.5	..	23.5	0	19	8	00	0	0	0	3	6	17	1	0	0
	1730	8	1002.3	1001.4	+1.2	30.4	28.2	27.3	36.3	84	+ 0	3.8	-0.6	22.1	0	17	13	00	0	0	0	3	5	20	2	0	0
	2030	8	1003.1	1002.2	..	28.9	27.4	26.8	25.2	89	..	2.8	..	20.2	0	13	13	00	0	0	0	3	6	14	3	1	0
	2330	8	1004.1	1003.2	..	28.6	27.3	26.7	35.0	90	..	3.3	..	22.3	0	15	12	00	0	0	0	3	5	17	2	0	0
DIU	0830	15	1005.4	1003.6	..	29.4	26.6	25.5	32.6	80	..	3.6	..	16.4	0	8	21	00	0	0	2	1	3	22	1	1	0
	1730	15	1003.3	1001.4	..	29.5	28.5	26.7	35.0	77	..	3.3	..	21.5	0	23	7	00	0	0	1	1	13	14	1	0	0
KONKAN (INCLUDING GOA)																											
DAHANU	0830	5	1005.4	1004.9	+1.6	30.2	28.2	27.4	36.5	86	+ 0	4.2	-2.0	16.1	0	10	18	00	0	0	4	0	19	5	0	0	0
	1730	5	1003.2	1002.7	+1.6	31.4	29.2	28.3	38.5	84	+ 3	4.8	-0.5	22.1	0	18	9	01	0	0	0	0	19	7	0	0	0
BOMBAY (SANTACRUZ)	0230	14	1004.4	1002.8	..	27.7	25.5	24.4	30.5	82	..	4.9	..	13.5	0	4	24	00	0	0	1	5	10	12	0	2	0
	0530	14	1004.4	1002.8	..	27.5	25.3	24.3	30.4	83	..	5.2	..	12.5	0	6	20	00	0	2	4	2	3	14	1	4	0
	0830	14	1005.9	1004.3	+1.4	29.1	25.9	24.5	30.7	77	- 3	6.1	-0.2	13.1	0	2	28	00	1	1	4	4	4	13	3	0	0
	1130	14	1006.0	1004.4	..	31.3	26.6	24.6	30.9	68	..	5.7	..	18.0	0	12	18	01	0	0	0	3	10	14	2	0	0
	1430	14	1004.6	1003.0	..	31.8	26.8	24.8	31.3	67	..	5.7	..	20.7	0	21	9	00	0	0	0	0	10	15	5	0	0
	1730	14	1003.7	1002.1	+1.4	30.5	26.3	24.6	30.9	71	- 3	5.9	+0.0	20.4	0	16	14	00	0	0	0	1	11	15	3	0	0
	2030	14	1004.9	1003.3	..	28.8	25.8	24.5	30.7	78	..	5.3	..	15.3	0	5	25	00	0	0	0	3	10	16	1	0	0
	2330	14	1005.6	1004.0	..	28.4	25.7	24.5	30.7	80	..	4.8	..	14.7	0	3	27	00	0	0	0	4	11	14	1	0	0
BOMBAY	0830	11	1005.8	1004.6	+1.0	29.3	26.2	25.0	31.7	78	- 2	5.2	-0.5	11.2	0	3	23	00	0	0	2	4	7	13	0	0	0
	1130	11	1006.2	1005.0	..	31.3	26.9	25.1	31.9	70	..	4.6	..	12.6	0	4	26	00	0	0	3	4	7	13	3	0	0
	1730	11	1003.8	1002.6	+1.2	30.7	26.6	24.9	31.5	72	- 6	5.0	-0.5	13.6	0	4	26	01	0	0	0	3	8	17	1	0	0
ALIBAG	0830	7	1006.0	1005.2	+0.6	28.6	26.2	25.2	32.1	82	- 2	6.5	+0.5	14.3	0	8	21	00	1	4	5	3	8	2	6	1	0
RHIRA	0830	96	1006.0	995.2	..	27.3	24.8	23.7	29.3	82	..	6.1	..	0.9	0	0	11	02	0	0	1	0	4	2	2	19	0
	1730	96	1003.3	992.6	..	29.8	25.0	22.7	27.6	68	..	6.5	..	2.1	0	0	24	00	0	0	1	0	21	2	0	6	0
HARNAI	0830	20	1006.1	1003.8	+1.0	27.8	25.5	24.5	30.7	83	- 4	5.3	-1.0	8.9	0	3	15	01	0	2	3	1	2	6	3	8	0
	1730	20	1004.4	1002.2	+1.3	28.6	26.1	25.0	31.7	81	- 3	5.2	-0.9	22.6	0	16	11	00	1	0	0	5	3	16	2	3	0
RATNAGIRI	0830	35	1006.9	1002.9	+1.1	27.3	25.3	24.4	30.5	85	+ 0	6.8	+0.7	4.7	0	0	28	00	0	6	5	0	2	5	5	2	5
	1730	35	1004.6	1000.7	+0.9	29.1	26.1	24.8	31.3	79	- 1	5.9	-0.2	10.3	0	4	23	00	0	1	1	1	2	12	8	3	2
DEVGARH	0830	36	1006.9	1002.9	+1.0	27.1	25.2	24.5	30.8	86	- 1	6.4	-0.1	16.1	0	9	21	00	2	3	8	0	1	9	7	0	0
	1730	36	1004.8	1000.8	+0.7	29.0	26.3	25.1	31.9	81	- 1	5.8	-0.6	22.7	0	17	13	03	0	1	0	2	4	7	13	0	0
VENGURLA	0230	9	1006.4	1005.4	..	26.4	24.9	24.2	30.2	88	..	6.6	..	2.3	0	0	16	03	0	0	2	2	1	4	4	14	0
	0530	9	1006.0	1005.0	..	26.0	24.7	24.1	30.0	89	..	6.6	..	2.9	0	0	16	01	1	1	2	2	2	4	3	14	0
	0830	9	1007.5	1006.5	+0.8	27.3	25.2	24.3	30.4	84	- 2	6.8	+0.0	3.5	0	0	24	03	1	6	2	1	1	7	3	6	0
	1130	9	1007.7	1006.7	..	28.7	25.7	24.5	30.7	79	..	6.2	..	5.3	0	0	26	02	0	1	0	2	9	10	2	4	0
	1730	9	1005.4	1004.4	+0.7	28.2	25.6	24.5	30.7	81	+ 0	7.2	+0.5	6.3	0	0	26	01	0	1	1	2	6	10	5	4	0
	2330	9	1007.3	1006.3	..	26.8	25.1	24.4	30.5	87	..	6.3	..	4.5	0	0	21	02	0	0	1	1	3	9	5	9	0
PANJIM	0530	60	1005.7	998.9	..	25.7	24.3	23.7	29.3	89	..	6.9	..	12.1	0	6	22	05	0	4	4	2	3	3	7	1	0
	0830	60	1007.3	1000.8	..	26.6	24.7	23.8	29.5	85	..	7.1	..	9.3	0	1	26	02	4	4	2	1	3	6	5	3	0
	1130	60	1007.5	1000.7	..	28.1	25.3	24.0	29.8	79	..	6.7	..	14.5	0	10	17	01	3	1	2	1	5	9	5	3	0
	1430	60	1005.8	999.1	..	28.6	25.4	24.0	29.8	77	..	6.7	..	16.3	0	12	18	01	1	1	1	4	6	11	5	0	0
	1730	60	1005.1	998.3	..	27.7	25.0	23.7	29.3	79	..	7.1	..	16.1	0	12	15	01	1	0	1	1	6	11	6	3	0
	2030	60	1006.5	999.7	..	26.9	24.8	23.8	29.5	84	..	6.5	..	12.3	0	3	25	00	1	2	1	2	5	11	6	2	0
	2330	60	1007.2	1000.4	..	26.3	24.0	23.9	29.7	87	..	6.6	..	11.2	0	3	24	03	1	3	2	0	5	8	5	3	0
MORMUGAO	0530	62	1005.4	998.6	..	26.4	25.0	24.3	30.4	88	..	6.8	..	13.4	0	8	20	00	1	2	4	3	9	5	4	2	0
	0830	62	1006.8	999.9	+0.1	26.9	25.4	24.7	31.1	87	+ 4	6.5	+0.5	11.1	0	6	21	00	0	5	5	1	9	4	3	3	0
	1130	62	1007.0	1000.1	..	28.1	25.8	24.9	31.5	83	..	6.3	..	17.4	0	12	18	00	1	2	1	6	8	8	4	0	0
	1730	62	1004.7	997.8	+0.2	28.1	25.6	24.6	30.9	82	- 1	6.7	+0.7	17.8	0	15	15	02	2	0	0	3	12	9	2	0	0
DABOLIM (NAVAL AIR STN.)	0530	52	1005.9	1000.1	..	25.9	24.7	24.0	29.8	90	..	6.6	..	9.0	0	1	25	02	0	2	2	3	0	6	11	4	0
	0830	52	1007.5	1001.7	..	26.7	25.0	24.2	30.2	87	..	6.7	..	7.8	0	1	24	01	3	1	1	3	1	5	10	5	0
	1130	52	1007.7	1001.9	..	28.1	25.4	24.2	30.2	80	..	6.4	..	13.3	0	4	25	01	2	2	0	1	3	11	9	1	0
	1730	52	1005.4	999.6	..	28.1	25.4	24.2	30.2	80	..	6.8	..	13.8	0	3	26	03	2	0	1	1	2	8	12	1	0
	2330	52	1007.3	1001.4	..	26.9	25.2	24.5	30.7	87	..	6.9	..	9.8	0	2	24	02	1	0	0	3	0	9	11	4	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JUNE 1968 (JYAISTHA 11 - ASADHA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lt. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA MAHARASHTRA																											
NANDURBAR	0830	206	1004.3	981.4	+0.3	29.1	24.9	22.8	27.7	71	- 3	3.2	-1.6	19.8	0	15	15	00	0	0	0	0	10	2	18	0	0
	1730	206	1000.2	976.3	-1.0	34.6	24.7	19.6	22.9	44	- 6	2.2	-1.5	19.5	0	18	11	01	0	0	0	0	23	0	5	1	0
JALGAON	0830	201	1003.8	981.4	+0.8	29.1	24.4	22.1	26.6	67	- 5	3.9	-0.2	28.5	0	24	6	00	0	0	0	0	2	17	11	0	0
	1730	201	998.1	976.5	+0.4	37.6	24.4	16.7	19.0	33	- 9	4.0	-0.3	28.9	0	23	7	00	0	1	0	0	2	21	6	0	0
MALEGAON	0830	437	1004.5	956.7	+1.4	28.2	25.3	24.0	29.8	79	+12	3.2	-1.2	13.0	0	5	24	01	0	0	0	0	2	20	6	1	0
	1730	437	1000.9	953.3	+1.7	34.2	29.8	28.4	38.7	75	+27	3.5	-2.0	18.2	0	15	14	00	0	0	1	0	0	14	14	1	0
DZAR	0230	608	1003.8	936.9	..	23.5	21.4	20.4	24.0	82	..	3.2	..	19.3	0	14	16	00	0	0	0	0	1	26	3	0	0
	0530	608	1003.8	936.8	..	23.2	21.3	20.4	23.8	85	..	4.2	..	18.5	0	13	17	00	0	0	0	0	1	26	3	0	0
	0830	608	1004.4	938.0	..	26.1	22.2	20.3	22.5	71	..	4.3	..	25.2	0	22	7	00	0	0	0	0	1	24	4	1	0
	1130	608	1003.3	937.8	..	30.3	23.0	19.4	22.5	54	..	4.6	..	30.3	0	28	2	01	0	0	0	1	1	22	5	0	0
	1430	608	1001.1	936.2	..	32.2	23.2	18.6	21.4	49	..	4.3	..	28.8	0	26	4	00	0	0	0	0	2	20	8	0	0
	1730	608	1000.5	935.2	..	30.2	22.5	18.6	21.4	53	..	4.4	..	30.2	0	27	3	00	0	0	0	0	2	18	10	0	0
	2030	608	1003.1	936.9	..	26.4	22.2	20.1	23.5	70	..	3.6	..	25.7	0	26	4	00	0	0	0	0	2	26	2	0	0
	2330	608	1004.5	937.8	..	24.5	21.9	20.6	24.3	79	..	2.7	..	20.7	0	17	13	00	0	0	0	0	1	27	2	0	0
AHMADNAGAR	0830	657	1005.2	933.4	+1.0	25.6	21.6	19.6	22.8	70	- 2	5.6	+0.7	10.1	0	3	25	00	0	0	0	0	8	9	11	0	0
	1730	657	999.4	929.9	+0.9	31.8	22.7	17.5	20.0	48	- 3	6.1	+0.5	16.6	0	14	15	00	3	0	0	1	6	8	11	1	0
POONA AERODROME	0230	593	1004.8	939.2	..	23.3	21.0	19.8	23.1	81	..	3.9	..	21.4	0	17	13	00	0	0	0	0	1	28	1	0	0
	0530	593	1004.6	939.0	..	22.9	21.0	20.0	23.4	84	..	4.7	..	16.8	0	11	16	00	0	0	0	0	3	23	1	3	0
	0830	593	1005.2	940.1	..	25.7	22.0	20.3	23.8	72	..	5.4	..	25.7	0	23	7	00	0	0	0	0	4	25	1	0	0
	1130	593	1004.0	940.0	..	30.2	22.6	18.8	21.7	52	..	5.0	..	29.9	0	27	3	00	0	0	0	0	3	26	1	0	0
	1730	593	1001.7	937.6	..	29.1	22.6	19.4	22.5	58	..	5.3	..	33.8	0	30	0	00	0	0	0	0	5	23	2	0	0
	2330	593	1005.4	940.1	..	24.1	21.5	20.1	23.5	79	..	4.3	..	23.1	0	18	12	00	0	0	0	0	3	26	1	0	0
POONA	0530	559	1004.8	943.1	..	23.7	21.2	20.0	23.4	80	..	5.6	..	7.1	0	0	23	00	0	0	0	0	3	20	0	7	0
	0830	559	1005.6	944.2	+1.0	26.1	22.1	20.2	23.7	71	+ 0	5.9	+0.3	10.9	0	1	28	00	0	0	0	0	2	27	0	1	0
	1130	559	1004.5	944.0	..	30.1	22.8	19.1	22.1	54	..	5.6	..	12.8	0	4	26	01	0	0	0	0	4	23	2	0	0
	1430	559	1002.5	942.4	..	31.5	23.1	19.0	22.0	50	..	5.8	..	14.7	0	6	23	00	0	0	0	0	5	21	3	1	0
	1730	559	1002.3	941.7	+1.1	29.0	22.9	20.0	23.4	60	- 1	6.0	+0.2	15.6	0	7	23	00	0	0	0	0	3	27	0	0	0
	2030	559	1004.7	943.4	..	25.9	22.1	20.3	23.8	72	..	5.3	..	13.8	0	4	25	00	0	0	0	0	3	25	1	1	0
	2330	559	1005.8	944.2	..	24.8	21.8	20.3	23.8	76	..	5.0	..	9.9	0	0	27	00	0	0	0	0	5	21	1	3	0
JEUR	0830	521	1005.1	948.0	+1.1	26.6	23.5	22.2	24.6	78	+ 3	3.8	-0.7	10.7	0	2	28	02	0	0	0	0	1	19	8	0	0
	1730	521	999.8	943.9	+0.8	32.5	25.5	22.1	26.7	60	+ 9	4.5	-1.0	14.5	0	7	23	03	0	0	1	2	0	15	9	0	0
BARAMATI	0830	551	1005.0	944.7	+0.8	26.4	22.8	21.1	26.6	73	- 3	3.7	-1.0	15.7	0	6	24	01	0	0	0	0	3	22	4	0	0
	1730	551	1000.3	941.2	+0.6	31.5	24.0	20.5	24.1	54	- 4	4.6	-1.0	23.9	0	25	5	02	0	0	0	1	3	18	6	0	0
SHOLAPUR	0530	479	1004.1	951.1	..	24.5	22.1	20.9	24.7	81	..	4.4	..	4.1	0	0	26	03	1	0	0	0	9	8	5	4	0
	0830	479	1005.5	952.8	+0.7	26.8	23.1	21.5	25.6	74	+ 2	4.8	-0.3	6.3	0	0	30	01	4	0	0	0	18	1	6	0	0
	1130	479	1004.0	952.2	..	31.6	24.1	20.7	24.4	54	..	4.8	..	7.1	0	0	30	06	3	0	0	0	15	3	3	0	0
	1430	479	1000.8	949.6	..	34.6	24.8	20.4	24.0	45	..	5.4	..	6.1	0	0	30	00	7	0	0	0	16	1	6	0	0
	1730	479	999.7	948.4	+0.4	32.8	24.2	20.3	23.8	51	+ 2	5.9	-0.1	7.4	0	0	30	03	2	0	0	0	18	4	3	0	0
	2330	479	1004.6	952.0	..	27.0	22.7	20.6	24.3	70	..	5.3	..	5.7	0	0	28	01	3	0	1	0	17	0	6	1	0
MIRAJ	0830	554	1006.7	945.8	+1.1	24.9	22.7	21.7	25.9	83	+ 2	5.1	-0.8	1.9	0	0	12	00	0	0	0	0	0	12	0	9	0
KOLHAPUR	1730	554	1002.2	942.7	+0.7	29.6	23.8	21.0	24.9	62	- 2	5.5	-0.6	4.1	0	0	18	00	0	0	0	0	2	15	1	3	0
	0530	570	1005.1	942.0	..	22.6	21.3	20.7	24.4	89	..	5.5	..	7.1	0	0	20	00	0	0	0	0	3	16	1	10	0
	0830	570	1006.4	943.5	+0.8	24.1	22.0	21.1	25.0	84	+ 2	6.0	+0.0	8.1	0	0	25	00	0	0	0	0	2	16	7	5	0
	1130	570	1005.7	943.6	..	27.8	22.9	20.5	24.1	66	..	5.8	..	11.2	0	1	29	01	0	0	0	0	7	9	13	0	0
	1730	570	1002.8	940.9	+0.6	27.4	22.7	20.6	24.3	68	- 3	5.9	+0.0	16.4	0	8	22	00	0	0	0	0	4	21	5	0	0
	2330	570	1006.5	943.4	..	23.3	21.5	20.6	24.3	85	..	5.2	..	8.0	0	0	30	00	0	0	0	0	9	16	5	0	0
NASIK	0830		..	..	..	26.3	21.7	19.3	22.4	66	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
SANGLI	0830		(R)																								
	1730		(R)																								
MARATHWADA																											
AURANGABAD	0830	581	1004.8	941.3	+0.6	26.4	22.2	20.0	23.4	70	- 6	5.2	+0.0	22.8	0	20	10	00	0	0	0	0	1	28	1	0	0
	1730	581	1000.0	937.6	+0.6	33.5	22.6	16.7	19.0	41	-10	4.9	-1.3	15.7	0	9	21	01	0	0	0	1	2	16	10	0	0
AURANGABAD (CHIKALTHANA)	0230	579	1002.8	939.3	..	24.9	21.1	19.8	22.0	72	..	4.2	..	19.1	0	12	17	00	0	0	0	0	6	20	3	1	0
	0530	579	1003.3	939.5	..	23.9	20.9	19.3	22.4	77	..	5.2	..	15.9	0	6	23	00	0	0	0	0	2	23	4	1	0
	0830	579	1004.0	940.8	+0.5	26.7	21.8	19.2	22.2	65	-10	4.4	-0.2	23.2	0	21	9	00	0	0	0	0	3	23	4	0	0
	1130	579	1002.4	940.3	..	31.9	22.7	17.8	20.4	46	..	4.6	..	25.5	0	24	6	02	0	0	0	0	5	16	7	0	0
	1430	579	999.7	938.2	..	34.4	22.6	16.1	18.3	37	..	5.4	..	20.8	0	14	16	01	0	0	0	2	4	16	7	0	0
	1730	579	998.7	937.0	+0.4	33.0	22.3	16.3	18.5	42	- 9	5.1	-0.7	23.7	0	17	12	03	0	0	2	0	4	13	7	0	0
	2030	579	1001.6	939.0	..	29.2	21.9	18.0	20.6	55	..	4.5	..	21.1	0	16	14	01	0	0	0	0	7	17	5	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JUNE ,1968 (JYAISTHA 11 - ASADHA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations													
															Wind Speed (Km. p. h.)			Wind direction										
			At mean sea level or lat. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MARATHWADA (CONTD.)																												
AURANGABAD (CHIKALTHAN)	2330	579	1001.4	940.1	..	26.5	21.5	18.7	21.6	65	..	4.6	..	20.1	0	14	16	01	0	0	0	0	5	20	4	0	0
PARBHANI	0830	423	1000.1	957.6	+0.6	27.9	22.5	19.5	22.7	62	-10	3.8	-0.9	16.2	0	8	22	00	0	0	0	0	1	18	11	0	0
	1730	423	998.1	952.9	+0.4	35.1	23.0	14.9	16.9	36	-11	5.3	-0.3	14.8	0	6	23	02	1	0	0	1	4	12	9	1	0
NANDER	0830	358	1003.9	964.5	..	28.4	23.8	21.7	25.9	68	..	4.5	..	8.4	0	0	26	00	0	0	0	0	14	0	12	3	0
	1730	358	998.6	959.9	..	33.9	26.9	21.6	25.8	51	..	5.6	..	4.7	0	0	21	00	0	0	0	0	15	0	6	9	0
BIR	0830	519	1005.0	948.2	..	27.1	22.5	20.2	23.7	67	..	5.1	..	8.1	0	1	28	01	1	0	0	0	5	13	9	1	0
	1730	519	999.5	944.2	..	32.8	22.9	17.3	19.7	45	..	5.5	..	16.4	1	1	28	02	1	0	0	0	10	7	10	1	0
VIDARBHA																												
GONDIA	0830	313	1000.8	966.7	+0.1	30.7	24.1	20.3	24.7	57	- 6	4.1	-0.7	3.8	0	0	23	01	0	1	2	1	14	2	2	7	0
	1730	313	996.3	962.9	+0.3	35.1	24.5	18.3	22.1	43	- 4	4.1	-1.3	4.2	0	1	23	03	1	0	0	3	2	12	2	6	1
NAGPUR (SONEGAON)	0230	310	999.2	965.1	..	28.5	22.9	19.5	23.2	63	..	5.5	..	7.6	0	1	22	00	0	0	1	0	4	10	8	7	0
	0530	310	1000.0	965.8	..	27.4	22.4	19.4	22.9	66	..	5.8	..	6.3	0	1	22	01	0	0	0	1	3	14	4	7	0
	0830	310	1001.2	967.2	+0.1	30.5	24.0	20.5	24.4	60	+ 1	5.1	-0.1	9.9	0	2	27	01	0	1	0	1	3	14	9	1	0
	1130	310	1000.1	966.7	..	34.9	25.0	19.7	23.5	46	..	4.8	..	10.9	0	4	25	02	0	0	0	1	1	13	12	1	0
	1430	310	997.2	964.1	..	37.2	25.5	19.2	22.9	40	..	5.7	..	10.7	0	3	25	01	2	1	0	1	5	10	8	2	0
	1730	310	996.3	963.0	-0.1	35.1	24.5	18.5	22.0	45	- 1	6.3	+0.1	11.1	0	5	22	01	0	3	1	0	3	9	10	3	0
	2030	310	998.7	964.9	..	31.2	23.9	19.8	23.7	56	..	5.1	..	6.9	0	1	25	02	0	2	2	1	6	6	7	4	0
	2330	310	999.9	965.9	..	29.7	23.4	19.9	23.5	60	..	5.0	..	8.1	0	2	22	00	0	0	1	1	9	8	5	6	0
AMRAOTI	0830	370	1001.7	961.2	-0.2	29.2	24.5	22.3	26.9	68	+ 3	4.4	-0.6	9.2	0	0	28	00	0	0	0	0	5	14	9	2	0
	1730	370	997.2	957.5	+0.5	34.7	25.5	21.0	25.0	48	+ 5	5.5	-0.5	14.2	0	8	22	03	1	1	1	2	5	12	5	0	0
AKOLA AERODROME	0530	309	1000.6	966.4	..	27.5	22.2	19.4	22.4	63	..	4.8	..	10.9	0	1	29	00	0	0	0	0	4	20	6	0	0
	0830	309	1002.1	968.0	..	29.3	23.6	20.6	24.4	61	..	4.9	..	13.5	0	4	26	00	0	0	0	0	2	22	6	0	0
	1130	309	1001.2	967.7	..	34.1	24.6	19.5	23.2	45	..	5.1	..	15.1	0	5	25	00	0	0	0	0	1	19	10	0	0
	1430	309	998.3	965.2	..	37.3	24.4	17.0	20.0	34	..	5.3	..	12.4	0	2	28	00	0	0	0	1	3	20	6	0	0
	1730	309	996.5	963.5	..	36.8	23.8	15.8	18.9	34	..	5.7	..	14.1	0	3	27	01	0	0	0	1	1	20	7	0	0
	2030	309	998.7	965.2	..	32.8	23.1	16.9	20.4	44	..	5.1	..	13.5	0	7	23	00	1	1	1	1	7	15	4	0	0
	2330	309	1000.7	966.8	..	30.3	22.7	18.1	21.3	53	..	4.7	..	14.3	0	6	24	01	1	1	0	3	4	14	6	0	0
AKOLA	0830	282	1002.7	971.6	+0.4	29.4	23.8	21.0	24.9	62	- 4	4.4	+0.0	10.7	0	1	29	00	0	0	0	0	17	2	11	0	0
	1730	282	997.2	967.0	+0.3	36.6	24.2	16.9	20.0	36	- 7	4.8	+0.1	10.4	0	2	28	00	4	0	1	0	9	0	16	0	0
BRAMHAPURI	0830	229	1001.5	976.3	-0.9	30.4	23.7	20.1	23.8	58	- 8	5.2	+0.2	8.1	0	0	30	02	1	0	0	6	10	10	1	0	0
	1730	229	996.8	972.2	-0.7	36.0	25.4	19.9	23.7	45	- 1	5.4	+0.0	9.4	0	2	27	05	1	2	1	2	4	8	6	1	0
BULDANA	0830	650	1003.2	932.5	+0.8	26.6	22.1	19.9	23.2	68	- 7	5.7	+0.7	13.2	0	2	28	00	0	0	0	0	1	3	26	0	0
	1730	650	997.7	929.0	+0.7	33.6	22.7	16.7	19.5	40	-10	5.4	-0.3	7.6	0	0	30	01	3	0	0	0	0	0	26	0	0
YEOTMAL	0830	451	1002.1	952.9	+0.7	29.1	23.8	20.9	25.0	64	- 6	5.2	+0.1	20.8	0	20	9	00	0	0	0	0	3	21	5	1	0
	1730	451	996.7	948.6	+0.2	34.7	24.4	18.3	22.1	45	- 5	5.5	-0.3	12.6	0	4	24	02	2	1	0	2	4	16	1	2	0
CHANDRAPUR	0830	193	1001.9	980.6	-0.2	31.0	23.7	19.6	23.2	55	- 9	4.9	-0.1	13.8	0	8	22	01	0	0	1	2	5	13	8	0	0
	1730	193	996.9	976.1	-0.2	36.5	24.4	17.4	20.6	39	-10	5.9	+0.4	14.7	0	6	24	05	2	0	0	2	4	8	9	0	0
PUSAD	0830	334	1003.9	967.2	..	29.6	23.1	19.1	22.9	56	..	4.6	..	6.5	0	0	30	00	0	0	2	0	15	0	13	0	0
	1730	334	998.3	962.4	..	36.1	25.7	20.5	24.6	44	..	6.4	..	7.5	0	0	29	00	2	0	2	0	14	0	11	1	0
SIRONCHA	0830	123	1003.1	989.4	+0.6	31.0	24.9	21.9	26.6	61	- 5	5.8	+0.5	2.7	0	0	28	00	0	0	4	0	6	14	4	2	0
	1730	123	997.8	984.5	+0.1	37.3	26.4	21.0	25.3	44	- 4	5.3	-0.3	3.1	0	0	28	04	1	0	3	0	7	8	5	2	0
WARDHA	0830	283	1001.9	970.9	..	30.3	23.4	19.5	23.2	56	..	3.8	..	7.4	0	0	30	01	0	0	0	1	7	13	8	0	0
	1730	283	998.0	967.5	..	34.6	23.7	17.1	20.4	42	..	5.8	..	7.7	0	1	29	01	1	1	1	4	8	8	6	0	0
BHANDARA	0830		..	..	..	30.7	23.8	20.0	23.8	57	..	.	..	3.3	0	0	24	00	1	0	0	0	13	7	1	6	2
	1730		..	..	..	35.6	24.6	18.1	22.0	43	..	.	..	2.6	0	0	24	01	3	1	0	0	8	3	3	6	5
COASTAL ANDHRA PRADESH																												
KALINGAPATAM	0830	6	1001.8	1001.3	+0.5	29.0	26.8	25.9	33.4	81	+ 2	5.4	-0.5	13.6	0	7	21	03	1	0	0	9	10	2	2	2	1
	1730	6	998.6	998.0	+0.1	29.9	27.5	26.6	34.8	80	+ 3	5.4	-0.8	14.6	0	9	21	01	0	0	0	12	13	0	2	0	2
VISHAKHAPATNAM	0230	3	1000.8	1000.4	..	28.9	26.1	25.0	31.5	80	..	5.6	..	13.1	0	9	15	00	0	0	3	0	14	5	2	6	0
	0530	3	1001.2	1000.8	..	28.5	25.8	24.6	30.7	80	..	6.7	..	9.2	0	4	19	00	0	0	1	0	10	9	3	7	0
	0830	3	1002.4	1002.0	+0.5	31.0	26.7	24.9	31.5	71	- 9	5.8	-0.3	13.9	0	7	23	00	1	0	0	1	17	6	3	0	2
	1130	3	1001.4	1001.0	..	33.8	28.0	25.6	33.0	63	..	5.8	..	19.1	0	18	12	00	0	1	2	5	16	3	3	0	0
	1430	3	999.3	998.9	..	34.0	28.0	25.6	32.8	63	..	5.9	..	21.5	0	0	30	01	1	2	2	7	15	1	1	0	0
	1730	3	999.2	998.8	+0.3	31.6	27.2	25.4	32.4	71	-12	6.5	+0.0	16.6	0	7	22	00	0	2	1	4	15	3	4	1	0
	2030	3	1001.3	1000.9	..	30.0	26.8	25.4	32.6	77	..	4.0	..	9.9	0	5	20	00	0	0	0	3	13	6	3	5	0
	2330	3	1001.9	1001.5	..	29.2	26.4	25.2	32.1	79	..	5.2	..	10.5	0	4	22	00	0	1	3	1	12	7	2	4	0
KAKINADA	0830	8	1003.1	1002.2	+0.4	31.2	26.7	24.7	31.5	69	- 3	5.8	+0.7	13.5	0	8	22	00	1	0	4	0	23	1	1	0	0
	1730	8	999.1	998.1	-0.2	33.6	26.9	23.9	30.0	59	- 2	5.6	+0.5	14.0	0	2	28	00	2	0	17	1	8	1	1	0	0
NIDADAVOLE	0830	12	1003.7	1002.3	-0.2	30.7	25.8	23.6	29.3	66	-10	6.3	-0.2	10.5	0	3	27	02	1	5	0	1	2	17	2	0	0
	1730	12	999.2	997.8	-0.7	35.0	26.2	21.9	26.7	48	-10	6.6	-0.1	10.5	0	3	27	01	0	0	2	10	6	6	5	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JUNE 1968 (JYAISTHA 11 - ASADHA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lst. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															42 or more	20 to 41	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
COASTAL ANDHRA PRADESH																											
RENTACHINTALA	0830	106	1004.0	992.1	+0.2	30.8	24.8	21.5	26.4	59	- 2	5.6	-0.9	2.9	0	0	29	00	0	0	0	0	0	29	0	1	0
	1730	106	999.2	987.7	+0.4	37.8	25.4	19.3	22.2	36	- 7	5.3	-1.0	2.6	0	0	27	00	0	0	0	0	0	27	0	3	0
GANNAVARAM	0230	24	1001.5	998.9	..	28.8	25.3	23.8	29.3	75	..	5.3	..	11.6	0	5	20	00	0	0	3	6	8	5	3	5	0
	0530	24	1002.1	999.4	..	28.3	25.2	23.7	29.7	74	..	6.2	..	10.4	0	3	22	00	0	0	3	5	3	12	2	5	0
	0830	24	1003.8	1001.1	+0.7	30.6	25.3	23.1	29.7	65	+ 1	6.6	+0.8	16.1	0	12	17	01	0	2	1	0	4	17	4	1	0
	1130	24	1002.9	1000.3	..	34.6	25.7	21.3	25.6	47	..	5.9	..	18.0	0	10	20	00	0	4	1	1	3	16	5	0	0
	1430	24	1000.1	997.5	..	37.2	25.8	20.2	23.8	39	..	6.3	..	18.3	0	10	20	00	0	0	2	2	2	16	8	0	0
	1730	24	999.1	996.5	+0.2	36.2	25.5	20.2	23.8	41	- 7	6.4	+0.3	14.5	0	6	23	00	0	1	1	5	3	14	5	1	0
	2030	24	1001.6	998.9	..	31.7	25.5	22.5	27.6	59	..	5.0	..	15.2	0	8	22	00	0	1	3	9	5	9	3	0	0
	2330	24	1002.7	1000.1	..	29.7	25.2	23.1	28.3	68	..	5.3	..	16.5	0	10	20	00	0	1	1	9	8	10	1	0	0
MASULIPATAM	0830	3	1003.7	1003.5	+0.4	30.5	25.6	23.3	28.9	67	- 2	6.1	+1.1	2.9	0	0	28	00	1	2	1	1	6	8	8	2	1
	1730	3	999.6	999.3	+0.2	33.8	26.7	23.4	29.3	56	- 3	5.5	+0.4	4.7	0	0	29	00	0	1	2	4	9	2	6	1	5
ONGOLE	0830	12	1003.5	1002.2	-0.1	32.6	27.9	26.1	33.8	69	- 2	0.9	-4.1	2.6	0	0	29	01	0	0	1	0	1	10	16	0	0
	1730	12	999.7	998.4	+0.1	36.1	29.8	27.4	36.7	62	+ 0	1.0	-4.4	2.4	0	0	30	00	0	0	6	3	1	15	5	0	0
NELLORE	0530	20	1003.1	1000.9	..	28.8	25.2	23.6	29.1	73	..	6.1	..	4.8	0	0	24	00	0	0	4	1	12	6	1	6	0
	0830	20	1004.6	1002.4	+0.2	32.4	26.3	23.7	29.3	62	+ 5	5.7	-0.1	7.2	0	0	30	00	0	0	1	0	19	10	0	0	0
	1130	20	1003.8	1001.6	..	36.2	26.8	22.6	27.6	46	..	5.6	..	10.3	0	1	29	00	0	0	2	0	15	6	7	0	0
	1430	20	1001.5	999.3	..	38.5	27.3	22.2	27.1	40	..	5.8	..	9.9	0	2	28	00	1	0	2	0	14	4	9	0	0
	1730	20	1000.8	998.6	+0.3	35.5	26.9	23.1	28.3	50	+ 4	6.6	+0.5	8.9	0	0	30	00	2	2	8	0	14	1	3	0	0
	2330	20	1003.4	1001.2	..	30.5	26.0	24.1	30.0	69	..	6.3	..	7.5	0	0	29	00	2	1	12	0	9	4	1	1	0
VISHAKHAPATNAM (SOLAR)	0830	66	1002.1	994.7	..	29.9	25.7	23.8	29.7	70	..	6.5	..	5.1	0	0	28	00	0	0	0	0	20	8	0	2	0
TELANGANA																											
RAMGUNDAM	0830	156	1002.8	985.5	+0.6	30.5	27.3	25.8	33.6	76	+17	5.8	+0.3	6.5	0	0	30	00	0	0	1	3	3	23	0	0	0
	1730	156	997.5	980.7	+0.1	37.0	28.9	25.6	33.0	51	+ 9	5.1	-0.4	5.6	0	0	28	03	2	0	0	1	3	18	1	2	0
NIZAMABAD	0830	381	1003.7	961.8	+0.6	28.6	23.9	21.6	25.8	68	+ 3	4.7	+0.1	3.4	0	0	23	00	0	0	0	1	11	11	0	7	0
	1730	381	997.6	957.6	+0.6	35.7	27.9	24.7	31.1	57	+10	5.1	+0.0	2.1	0	0	16	01	0	0	0	5	4	6	0	14	0
HANAMKONDA	0830	269	1003.3	973.6	+0.3	29.3	23.9	21.1	25.3	63	+ 1	5.3	+0.4	2.3	0	0	29	06	0	0	0	3	1	15	4	1	0
	1730	269	999.1	970.5	+0.9	35.9	24.4	18.5	21.0	40	- 6	4.3	-1.0	2.0	0	0	30	12	0	0	1	9	1	0	7	0	0
HAKIMPET AERODROME	0530	613	1002.9	935.8	..	24.6	21.3	19.5	22.9	76	..	6.8	..	25.8	0	16	14	00	0	1	0	1	3	22	3	0	0
	0830	613	1003.8	936.3	..	26.4	22.1	20.3	23.5	70	..	6.3	..	30.1	0	26	4	00	0	0	0	0	2	22	6	0	0
	1130	613	1002.5	936.8	..	31.2	22.9	18.8	21.8	50	..	6.1	..	31.1	0	25	5	03	0	0	0	0	1	17	9	0	0
	1730	613	999.6	934.3	..	31.8	22.8	18.0	21.1	48	..	6.4	..	22.9	0	13	17	05	0	0	0	0	0	16	9	0	0
	2330	613	1002.7	936.1	..	26.7	22.1	19.5	23.2	68	..	6.1	..	21.4	0	10	20	02	0	0	0	1	7	16	3	0	0
BHADRACHALLAM	0830	111	1002.9	990.6	-0.1	30.5	24.8	22.3	26.6	62	- 2	6.0	+0.0	3.9	0	0	30	00	5	0	5	0	5	0	15	0	0
	1730	111	998.2	986.1	-0.2	36.5	25.2	19.3	22.7	39	- 8	5.2	-1.5	3.9	0	0	30	01	16	0	2	0	2	0	9	0	0
HYDERABAD (BEGAMPET)	0230	545	1002.2	942.7	..	26.3	21.8	19.4	22.9	69	..	6.0	..	15.8	0	12	17	03	0	0	0	0	2	17	7	1	0
	0530	545	1002.9	943.2	..	25.1	21.4	19.5	22.7	73	..	6.5	..	15.3	0	8	22	00	1	0	0	0	3	20	6	0	0
	0830	545	1004.3	944.7	+0.4	26.4	21.9	19.6	22.9	68	- 3	6.5	+0.7	17.9	0	11	19	01	0	0	0	0	1	14	14	0	0
	1130	545	1003.0	944.3	..	31.8	22.8	18.5	21.1	51	..	6.3	..	20.7	0	17	13	06	0	0	0	0	1	8	15	0	0
	1730	545	999.0	940.8	+0.4	32.7	23.0	17.0	21.0	46	- 8	6.7	+0.5	14.0	0	8	21	03	2	0	0	0	4	12	8	1	0
	2330	545	1003.0	943.7	..	27.5	22.1	19.2	22.7	64	..	6.3	..	15.1	0	12	16	00	1	0	0	0	6	15	6	2	0
KHAMMAM	0830	112	1003.6	991.1	+1.0	30.7	24.9	22.2	26.7	62	- 7	6.0	+0.5	5.9	0	0	25	02	0	3	2	0	1	13	4	5	0
	1730	112	999.1	987.1	+0.8	36.2	25.9	21.1	25.0	43	- 6	6.1	-0.1	3.9	0	0	25	07	0	2	1	3	1	7	4	5	0
MAHBUBNAGAR	0830	505	1004.8	949.4	+0.0	27.0	22.2	19.9	23.2	66	- 9	6.7	+0.4	10.1	0	0	30	00	0	0	0	0	7	15	8	0	0
	1730	505	999.3	945.5	-0.2	33.3	23.0	17.7	20.1	44	- 9	7.4	+0.9	7.5	0	0	30	03	0	1	0	0	5	12	9	0	0
RAYALASEEMA																											
KURNOOL	0830	281	1005.9	974.7	+0.6	27.9	23.0	20.4	24.1	63	- 6	5.6	-0.5	23.6	0	15	15	00	0	0	0	0	27	0	2	0	1
	1730	281	1000.1	969.9	+0.4	33.5	23.7	18.0	21.3	42	- 4	6.9	+0.6	18.6	0	10	20	00	1	0	0	0	14	0	12	0	3
NANDYAL	0830	212	1005.4	981.8	..	29.3	24.2	21.8	25.9	66	..	5.4	..	16.1	0	10	20	03	0	0	0	2	3	14	8	0	0
	1730	212	1000.1	977.2	..	34.9	25.2	20.3	24.1	45	..	6.9	..	16.6	0	10	20	10	0	2	1	2	1	7	7	0	0
ANANTAPUR	0530	350	1004.9	965.9	..	25.5	22.6	21.2	25.0	77	..	5.8	..	13.9	0	7	23	00	0	0	0	0	10	19	1	0	0
	0830	350	1006.1	967.4	+0.8	27.5	23.4	21.3	25.3	69	+ 0	5.3	-0.6	16.7	0	11	19	00	0	0	0	0	5	23	2	0	0
	1130	350	1004.6	966.5	..	32.2	24.1	20.0	23.4	49	..	5.7	..	19.1	0	10	20	00	0	0	0	0	2	22	6	0	0
	1430	350	1001.7	964.0	..	34.6	24.4	19.1	22.2	41	..	6.3	..	18.5	0	11	19	00	0	0	0	0	0	21	9	0	0
	1730	350	1000.8	963.0	+0.3	33.5	24.3	19.5	22.8	45	- 2	6.5	+0.3	20.4	0	14	15	00	0	0	0	0	3	19	7	1	0
	2030	350	1003.7	965.4	..	29.9	23.5	20.2	23.8	58	..	5.4	..	18.0	0	11	17	00	0	1	0	0	7	19	1	2	0
	2330	350	1005.2	966.5	..	27.6	23.4	21.3	25.3	69	..	5.4	..	23.5	0	24	5	00	0	0	0	0	5	22	2	1	0
CUDDAPAH	0830	130	1006.1	991.6	+0.3	30.1	23.9	21.1	24.6	57	- 6	4.3	-1.1	5.4	0	0	30	00	0	0	0	0	0	30	0	0	0
	1730	130	1000.5	986.1	-0.5	36.3	25.2	19.6	22.9	38	-11	6.0	+0.3	5.2	0	0	27	00	0	0	0	0	1	26	0	3	0
AROGYAVARAM	0830	701	1006.9	930.6	+1.3	25.7	23.6	22.5	27.6	87	+20	5.1	-0.9	13.8	0	9	21	00	1	0	0	0	2	2	25	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JUNE 1968 (JYAISTHA 11 - ASADHA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lst. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 42 or more	20 to 41	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
COASTAL ANDHRA PRADESH CONTD.																											
AROGYAVARAM	1730	701	1001.4	926.6	+0.3	31.4	22.9	19.1	21.7	52	+ 4	6.8	-0.1	14.4	0	1	29	00	0	0	1	0	6	0	23	0	0
MADRAS STATE (INCLUDING PONDICHERRY)																											
MADRAS	0830	6	1005.5	1004.8	+0.3	30.7	25.3	22.9	27.7	65	+ 5	5.2	-0.4	8.2	0	2	26	00	0	0	0	1	8	18	1	2	0
	1730	6	1001.8	1001.1	..	31.9	26.8	24.5	31.1	66	..	6.6	..	8.5	0	1	28	00	0	4	15	8	1	1	0	1	0
MADRAS (MINAMBAKKAM)	0230	16	1003.5	1001.8	..	28.8	24.3	22.1	26.6	68	..	4.5	..	12.8	0	2	28	00	0	0	3	13	8	6	0	0	0
	0530	16	1003.8	1002.1	..	28.1	23.8	21.7	25.9	69	..	5.1	..	10.5	0	0	28	00	0	0	1	7	13	7	0	2	0
	0830	16	1005.5	1003.8	+0.3	30.9	24.3	21.0	25.0	57	- 1	5.1	-0.7	15.5	0	7	22	00	0	0	1	3	9	14	2	1	0
	1130	16	1004.8	1003.1	..	34.7	24.7	19.6	22.8	42	..	5.1	..	17.2	0	9	21	00	0	0	1	1	6	18	4	0	0
	1430	16	1002.3	1000.6	..	36.5	25.3	19.7	22.9	38	..	5.6	..	13.7	0	4	26	00	1	4	0	3	9	10	3	0	0
	1730	16	1001.8	1000.1	+0.2	33.7	25.6	21.7	26.3	51	- 8	6.0	-0.4	16.1	0	10	19	00	1	6	10	6	3	2	1	1	0
	2030	16	1004.0	1002.3	..	30.4	25.6	23.3	28.9	64	..	5.1	..	15.0	0	6	23	00	0	1	11	13	4	0	0	1	0
	2330	16	1004.6	1002.9	..	29.6	25.3	23.3	28.6	69	..	5.3	..	14.8	0	4	25	00	0	0	3	17	8	1	0	1	0
VELLORE	0530	214	1004.7	980.7	..	26.5	22.5	20.4	24.0	70	..	5.2	..	5.8	0	0	22	02	0	0	0	0	6	14	0	8	0
	0830	214	1006.2	982.4	+0.5	28.8	23.3	20.5	24.1	62	+ 0	5.1	+0.1	8.6	0	0	27	00	0	0	0	0	1	24	2	3	0
	1130	214	1005.1	981.6	..	32.7	24.3	20.0	23.5	48	..	5.1	..	7.9	0	0	30	00	0	0	0	1	1	23	5	0	0
	1730	214	1001.6	978.4	+0.3	34.7	24.2	18.6	21.6	40	- 7	6.4	+0.3	7.2	0	0	29	02	0	1	0	2	3	18	3	1	0
	2330	214	1005.4	981.6	..	28.5	23.2	20.4	24.1	62	..	4.4	..	2.7	0	0	13	00	0	1	0	1	2	9	0	17	0
TAMBARAM AERODROME	0830	29	1005.3	1002.1	..	31.4	25.7	23.0	28.3	63	..	5.1	..	18.1	0	14	14	00	0	0	0	2	9	14	2	2	1
	1730	29	1002.3	999.1	..	34.8	26.4	22.6	27.6	51	..	6.3	..	24.7	0	21	9	00	0	0	8	13	7	2	0	0	0
TIRUPPATTUR	0830	390	1011.0	967.3	+3.4	24.5	22.6	21.9	25.9	85	+15	6.5	+0.6	3.5	0	0	30	16	6	0	0	8	0	0	0	0	0
	1730	390	1006.9	964.1	+3.8	28.5	23.5	21.0	24.9	67	+16	7.9	+1.1	7.8	0	0	30	07	7	0	1	15	0	0	0	0	0
METTUR DAM R.S.	0830	244	..	..	..	28.4	23.3	20.8	24.4	64	..	4.6	..	5.7	0	0	27	00	8	0	2	0	13	0	4	3	0
	1730	244	..	..	..	33.5	24.3	19.5	22.8	45	..	5.5	..	9.5	0	1	28	00	4	0	0	0	20	0	5	1	0
CUDDALORE	0530	12	1004.4	1003.1	..	27.5	23.6	21.6	25.9	71	..	4.2	..	1.7	0	0	8	00	0	0	0	3	2	3	0	22	0
	0830	12	1005.9	1004.6	-0.1	30.6	24.4	21.4	25.5	59	- 4	5.2	-0.1	7.2	0	0	29	00	0	0	0	3	22	4	0	1	0
	1130	12	1005.4	1004.1	..	34.8	25.1	20.3	23.8	44	..	4.3	..	8.3	0	1	26	00	0	0	3	1	16	5	2	3	0
	1430	12	1003.0	1001.7	..	36.1	25.5	20.2	23.8	41	..	4.5	..	9.5	0	2	27	00	0	0	11	0	12	4	2	1	0
	1730	12	1002.5	1001.2	+0.2	32.5	26.1	23.2	28.6	61	- 1	5.7	-0.2	9.7	0	1	27	00	0	0	20	1	7	0	0	2	0
	2330	12	1005.3	1004.0	..	29.1	24.5	22.3	26.9	68	..	3.8	..	6.8	0	0	22	00	0	0	13	1	8	0	0	8	0
KALLAKKURICHCHI	0830	127	1006.0	991.8	+0.5	29.7	25.7	24.0	29.7	72	+ 8	3.7	-0.9	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	127	1001.7	987.8	+0.2	34.6	27.5	24.3	30.7	57	+ 8	5.1	-0.7	..	.	..	..	..	..	..	..	..	..	..	..	..	..
SALEM	0530	278	1005.7	974.5	..	24.7	22.0	20.6	24.1	78	..	3.7	..	3.4	0	0	18	01	0	0	0	0	5	12	0	12	0
	0830	278	1007.0	976.3	+0.4	26.8	22.9	20.9	24.7	71	- 3	4.7	-0.5	3.5	0	0	15	01	0	0	1	1	3	5	4	15	0
	1130	278	1005.9	975.4	..	31.3	23.8	19.8	23.2	51	..	4.8	..	5.1	0	0	23	00	0	0	0	0	8	13	2	7	0
	1730	278	1003.0	972.1	-0.1	33.0	23.9	19.1	22.2	45	- 6	6.2	-0.2	6.2	0	0	24	00	0	1	0	1	8	10	2	6	2
	2330	278	1006.8	975.9	..	26.7	22.7	20.6	24.3	70	..	4.4	..	4.7	0	0	22	00	0	0	0	0	5	14	3	8	0
COIMBATORE (PEELAMEDU)	0530	399	1006.7	962.0	..	22.7	22.1	21.8	26.1	95	..	4.4	..	19.7	0	11	19	00	0	0	0	9	20	1	0	0	0
	0830	399	1007.8	963.5	+0.8	25.2	23.2	22.1	26.7	83	+ 6	5.2	-0.5	21.0	0	16	14	00	0	0	0	9	20	1	0	0	0
	1130	399	1006.6	963.0	..	29.9	24.8	22.3	27.3	65	..	4.9	..	28.6	0	25	5	00	0	0	0	10	19	1	0	0	0
	1430	399	1004.2	960.9	..	31.2	25.1	22.1	26.9	61	..	5.1	..	34.9	0	30	0	00	0	0	0	5	23	2	0	0	0
	1730	399	1004.6	960.7	+0.5	27.7	24.2	22.3	27.3	73	+ 7	5.6	-0.6	31.9	0	29	1	00	0	0	0	3	25	2	0	0	0
	2030	399	1007.2	962.8	..	24.8	23.0	22.0	26.6	85	..	4.8	..	26.6	0	29	1	00	0	0	0	9	19	2	0	0	0
	2330	399	1007.9	963.4	..	23.7	22.6	22.0	26.6	91	..	4.3	..	22.5	0	24	6	00	0	0	0	9	21	0	0	0	0
COIMBATORE	0830	409	1007.4	962.1	+0.2	25.5	22.4	20.7	24.4	75	+ 0	6.0	+0.1	12.1	0	0	30	00	0	0	0	3	26	1	0	0	0
NAGAPATTINAM	0830	9	1006.8	1005.7	+0.1	30.8	24.1	20.8	24.4	55	- 6	5.9	+0.5	16.4	0	10	20	00	0	0	0	0	11	18	1	0	0
	1730	9	1003.4	1002.4	+0.3	32.5	26.4	23.7	29.3	60	- 1	6.8	+1.3	20.9	0	24	6	00	0	0	0	5	13	12	0	0	0
TIRUCHCHIRAPPALLI	0230	88	1004.8	994.9	..	27.6	22.9	20.5	24.1	65	..	5.6	..	22.3	0	19	9	00	0	0	0	0	5	23	0	2	0
	0530	88	1004.9	995.0	..	27.0	22.6	20.3	23.8	67	..	5.7	..	22.9	0	19	11	00	0	0	0	1	7	21	1	0	0
	0830	88	1006.3	996.5	-0.2	29.7	23.7	20.6	24.4	59	+ 0	5.4	-0.1	30.3	0	26	4	00	0	0	0	0	7	22	1	0	0
	1130	88	1005.6	995.9	..	34.2	24.5	19.5	22.8	43	..	4.9	..	31.1	0	27	3	00	0	0	0	0	7	22	1	0	0
	1430	88	1002.9	993.4	..	36.6	25.0	19.2	22.1	36	..	5.3	..	26.1	0	26	4	00	0	0	0	1	6	20	3	0	0
	1730	88	1002.6	992.9	-0.1	34.5	24.2	18.9	21.8	41	- 2	6.2	+0.0	25.6	0	21	9	01	0	0	0	2	5	19	3	0	0
	2030	88	1005.2	995.4	..	30.4	23.8	20.4	24.1	56	..	5.9	..	26.1	0	22	8	00	1	0	2	4	7	15	1	0	0
	2330	88	1006.1	996.3	..	28.7	23.3	20.5	24.1	61	..	5.6	..	22.8	0	18	12	00	0	0	0	1	7	21	1	0	0
VEDARANNIYAM	0830	4	1006.8	1006.3	..	31.0	25.8	23.4	28.9	65	..	4.4	..	10.3	0	0	30	01	0	0	0	10	19	0	0	0	0
	1730	4	1003.6	1003.1	..	31.3	26.6	24.8	31.1	70	..	4.6	..	11.0	0	0	30	00	0	0	0	15	15	0	0	0	0
ATIRAMPATTINAM	0830	6	1006.5	1005.7	..	30.5	24.3	21.3	24.7	58	..	2.6	..	11.5	0	2	28	02	0	0	0	4	13	3	8	0	0
	1730	6	1003.6	1002.9	..	31.1	26.7	24.9	31.5	69	..	3.4	..	24.1	0	26	2	00	0	0	1	17	10	0	0	0	0
MADURAI	0830	133	1006.8	992.0	+0.1	30.0	23.9	20.8	24.7	58	+ 3	4.1	-1.6	3.5	0	0	13	00	0	0	0	0	1	4	8	17	0
MADURAI AERODROME	0530	131	1005.5	990.7	..	26.6	22.7	20.7	24.4	71	..	4.5	..	14.3	0	9	15	01	1	0	0	1	2	10	9	6	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JUNE 1968 (JYAISTHA 11 - ASADHA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point				Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADRAS STATE (INCLUDING PONDICHERRY)																											
MADURAI AERODROME	0830	131	1006.9	992.2	-0.6	29.9	24.3	21.5	25.8	61	+ 2	5.3	-0.2	15.9	0	7	22	00	0	0	2	4	6	10	7	1	0
	1130	131	1006.0	991.6	..	33.7	24.9	20.6	24.3	47	..	5.2	..	18.6	0	11	17	01	0	0	0	7	3	12	5	2	0
	1730	131	1003.3	988.9	-0.6	33.1	24.7	20.5	24.1	48	- 1	6.4	-0.1	29.9	0	25	4	02	0	0	3	0	3	18	3	1	0
TONDI	0830	5	1007.3	1006.7	-0.7	30.3	24.7	22.0	26.6	61	- 6	3.9	-1.4	9.2	0	0	30	00	3	0	0	12	14	1	0	0	0
PAMBAN	1730	5	1004.0	1003.4	-0.1	31.1	26.5	24.4	30.7	69	- 6	5.7	-0.1	22.4	0	22	8	00	0	0	8	15	3	4	0	0	0
	0830	11	1007.4	1005.8	-0.3	28.8	26.4	25.5	32.4	83	+ 6	4.8	+1.0	15.9	0	9	21	01	0	0	0	4	12	12	1	0	0
	1730	11	1004.4	1003.1	-0.1	29.5	27.0	25.9	33.6	81	+ 2	5.9	+1.5	24.9	0	22	8	00	0	0	4	14	11	1	0	0	0
TUTICORIN	0830	4	1007.8	1007.4	+0.2	30.3	24.0	20.9	24.7	57	- 3	4.8	+0.6	14.9	0	7	23	01	0	0	0	0	10	18	1	0	0
	1730	4	1004.7	1004.3	+0.1	32.4	24.9	21.3	25.3	53	+ 2	5.0	+1.0	24.7	0	19	11	00	0	0	1	3	5	21	0	0	0
PALAYANKOTTAI	0830	51	1008.0	1002.3	+0.8	30.8	24.6	21.5	25.8	58	+ 1	5.5	-0.1	16.5	0	5	24	00	0	0	0	0	1	25	3	1	0
	1730	51	1004.9	999.2	+0.4	31.9	24.5	20.9	24.7	53	+ 2	6.2	+0.1	20.0	0	23	7	00	0	1	1	0	5	21	2	0	0
KANNIYAKUMARI	0830	37	1008.6	1004.5	..	26.6	24.2	23.0	28.3	85	..	6.0	..	17.6	0	12	18	00	0	0	0	0	8	19	3	0	0
	1730	37	1006.4	1002.3	..	27.1	24.2	22.9	27.9	79	..	7.0	..	18.9	0	17	13	00	0	0	0	0	11	16	3	0	0
PONDICHERRY	0830	6	1005.7	1005.1	..	29.8	24.7	22.2	26.9	65	..	4.7	..	12.3	0	2	28	00	0	0	0	3	11	14	2	0	0
	1730	6	1002.2	1001.6	..	31.9	27.1	25.0	31.9	69	..	5.6	..	22.8	0	18	12	00	0	0	12	8	4	6	0	0	0
PORT NOVA	0830	3	1003.8	1003.5	..	31.4	26.3	24.3	30.0	68	..	4.7	..	13.9	0	5	25	00	0	0	1	0	26	0	3	0	0
TUTICORIN H.P.	0830	3	1007.5	1007.2	..	29.9	24.6	22.1	26.9	64	..	4.5	..	23.8	0	19	11	01	0	0	0	6	9	12	2	0	0
	1130	3	1006.9	1006.6	..	33.0	25.2	21.3	25.6	52	..	4.1	..	29.7	0	24	6	00	0	1	4	5	8	10	2	0	0
	1430	3	1004.6	1004.3	..	32.8	25.8	22.5	27.4	56	..	4.5	..	35.0	0	28	2	00	0	0	5	7	5	11	2	0	0
	1730	3	1004.3	1004.0	..	31.9	24.9	21.5	25.6	56	..	4.4	..	35.5	0	29	1	00	0	0	1	4	7	15	3	0	0
COASTAL MYSORE																											
KARWAR	0830	4	1008.0	1007.5	+1.1	26.9	25.3	24.7	30.9	88	+ 0	7.2	+0.2	5.1	0	1	25	02	0	5	6	2	0	6	4	4	1
	1730	4	1006.0	1005.5	+0.8	28.6	25.8	24.7	30.9	80	- 2	6.9	+0.0	9.2	0	1	29	00	1	1	5	0	4	3	14	0	2
HONAVAR	0830	26	1008.2	1005.2	+0.4	26.0	24.8	24.3	30.4	92	+ 3	6.6	-0.3	3.5	0	0	27	01	4	7	0	7	0	6	2	3	0
	1730	26	1006.0	1003.5	+0.6	28.1	25.7	24.7	31.1	82	- 4	6.8	+0.0	5.1	0	0	28	00	1	2	0	6	0	17	2	2	0
MANGALORE (BAJPE)	0230	102	1007.2	995.6	..	24.4	23.6	23.2	28.4	93	..	7.3	..	11.4	1	1	17	02	2	4	4	0	2	1	4	11	0
	0530	102	1007.2	995.6	..	24.0	23.3	22.9	27.9	94	..	7.3	..	6.5	0	0	20	01	2	8	3	2	2	1	1	10	0
	0830	102	1008.6	997.1	+0.1	25.1	24.0	23.5	28.9	91	+ 0	7.2	+0.2	8.8	0	2	19	00	1	4	7	3	2	3	1	9	0
	1130	102	1008.7	997.3	..	27.1	24.7	23.5	29.1	82	..	7.1	..	11.6	0	5	19	00	0	1	4	2	6	8	3	6	0
	1430	102	1006.8	995.4	..	27.9	24.9	23.5	28.9	78	..	6.6	..	17.3	0	12	15	00	0	2	1	1	6	13	4	3	0
	1730	102	1006.2	994.8	-0.4	27.1	24.6	23.5	28.9	81	- 4	7.1	-0.2	13.5	0	8	17	01	0	1	0	1	3	15	4	5	0
	2030	102	1007.9	996.4	..	25.7	24.3	23.6	29.3	89	..	6.9	..	9.0	0	0	24	01	0	4	3	3	5	5	3	6	0
	2330	102	1008.5	997.0	..	25.2	24.1	23.6	28.9	91	..	6.8	..	7.3	0	1	17	00	2	4	3	1	3	3	2	12	0
MANGALORE	0830	22	1008.8	1006.3	+0.5	25.9	24.2	23.4	28.9	86	- 3	7.3	+0.2	4.1	0	0	28	03	3	7	4	2	2	6	1	2	0
	1730	22	1006.4	1003.9	+0.0	27.9	25.3	24.2	30.0	81	- 4	6.5	-0.7	4.8	0	0	30	02	1	0	1	1	16	5	4	0	0
MANGALORE H.P.	0830	32	1008.1	1004.6	..	25.3	24.3	23.8	29.5	92	..	6.9	..	6.1	0	1	26	02	0	3	12	4	1	2	3	3	0
	1130	32	1008.3	1004.7	..	27.4	25.1	24.1	30.0	83	..	6.8	..	8.9	0	1	27	03	0	1	1	6	4	6	7	2	0
	1730	32	1006.1	1002.5	..	27.6	25.3	24.2	30.4	83	..	6.7	..	10.7	0	4	25	03	1	1	1	0	4	6	13	1	0
INTERIOR MYSORE, NORTH																											
BIDAR	0830	664	1004.3	932.0	+0.8	25.7	21.7	19.4	22.9	71	- 5	6.8	+1.1	20.9	0	13	17	00	0	0	0	1	10	18	1	0	0
	1730	664	998.9	927.8	+0.2	30.6	22.2	18.0	20.6	50	- 4	7.3	+0.8	16.9	0	14	16	02	0	0	0	2	5	13	8	0	0
GULBARGA	0830	458	1005.3	954.7	+0.4	25.7	22.2	20.4	24.1	72	+ 1	7.2	+1.7	13.3	0	2	27	00	0	0	0	0	6	21	2	1	0
	1730	458	999.5	950.2	+0.2	32.4	22.9	17.3	20.2	45	- 2	7.4	+1.1	13.2	0	4	26	00	0	1	0	0	2	25	2	0	0
BIJAPUR	0830	594	1006.2	940.7	+0.7	24.5	22.2	21.1	25.0	81	+ 6	6.5	+1.2	10.5	0	2	28	01	0	0	0	2	3	19	5	0	0
	1730	594	1000.0	936.6	+0.0	32.1	24.1	20.5	24.1	52	+ 0	7.2	+1.4	7.7	0	0	30	00	0	0	1	0	2	23	4	0	0
RAICHUR	0830	400	1005.8	961.7	+0.5	26.9	22.7	20.6	24.1	69	- 4	4.8	-0.3	10.1	0	0	30	00	1	0	8	0	12	1	8	0	0
	1730	400	1000.3	957.3	+0.3	32.9	23.3	18.0	20.8	45	- 5	6.0	+0.2	8.6	0	1	28	00	4	0	6	0	4	0	15	1	0
BELGAUM	0830	753	1007.7	925.3	+1.1	23.2	21.3	21.2	25.3	86	+ 1	6.8	+0.9	4.7	0	0	25	00	0	0	0	0	0	23	2	5	0
	1730	753	1003.5	922.2	+0.0	25.3	22.5	21.3	25.3	79	+ 3	7.1	+1.1	4.6	0	0	29	00	0	0	0	1	3	21	4	1	0
BELGAUM (SAMRA)	0530	747	1006.0	923.9	..	21.3	20.3	19.9	23.1	91	..	6.1	..	10.8	0	2	28	00	0	0	0	0	1	10	18	1	0
	0830	747	1007.0	925.2	+0.4	23.0	21.0	20.1	23.4	84	+ 0	6.8	+0.3	15.6	0	9	21	00	0	0	0	0	8	20	1	0	1
	1130	747	1006.1	925.2	..	26.5	21.8	19.5	22.7	66	..	6.1	..	22.1	0	19	11	00	0	0	0	1	5	23	1	0	0
	1430	747	1003.8	923.6	..	28.1	22.1	19.2	22.1	60	..	6.1	..	25.0	0	23	7	00	0	0	0	0	4	22	4	0	0
	1730	747	1004.0	923.0	+0.2	25.4	21.8	20.1	23.5	74	- 1	6.5	+0.1	25.7	0	27	3	00	0	0	0	1	4	23	2	0	0
	2030	747	1006.3	924.5	..	22.8	21.2	20.4	24.0	87	..	6.0	..	16.4	0	12	17	00	0	0	0	0	3	25	1	1	0
GADAG	0530	650	1006.0	934.2	..	21.9	21.0	20.5	24.1	92	..	6.2	..	10.9	0	0	30	00	0	0	0	0	16	14	0	0	0
	0830	650	1006.6	935.4	+0.8	24.1	22.0	21.3	25.0	82	- 6	6.3	+0.2	9.2	0	0	30	00	0	1	0	0	11	18	0	0	0
	1130	650	1005.5	935.3	..	28.6	23.2	20.6	24.4	63	..	5.6	..	13.0	0	3	27	00	0	0	0	0	13	17	0	0	0
	1430	650	1002.7	933.3	..	31.3	23.4	19.6	22.9	52	..	5.9	..	15.2	0	7	23	00	0	0	0	0	11	18	0	0	1
	1730	650	1002.0	932.7	+0.4	29.0	23.0	20.2	23.7	63	- 5	6.3	+0.1	11.8	0	1	29	00	0	0	0	1	5	24	0	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JUNE 1968 (JYAISTHA 11 - ASADHA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
INTERIOR MYSORE NORTH (CONTD.)																											
GADAG	2030	650	1005.7	934.6	..	24.5	21.9	20.6	24.4	79	..	5.0	..	15.3	0	4	26	01	0	0	0	0	7	22	0	0	0
	2330	650	1007.1	935.5	..	22.9	21.4	20.7	24.4	87	..	5.5	..	13.2	0	5	25	00	0	0	0	0	13	17	0	0	0
BIDAR A.F.	0530	665	1003.5	930.6	..	23.7	20.7	18.9	22.2	77	..	5.8	..	18.4	0	10	19	00	0	0	0	1	2	21	5	1	0
	0830	665	1004.5	932.0	..	25.9	21.2	18.7	21.8	67	..	5.7	..	24.5	0	26	4	00	0	0	0	0	6	21	3	0	0
	1130	665	1003.2	931.8	..	30.4	22.3	17.9	21.0	51	..	5.9	..	23.4	0	18	12	00	0	0	0	0	2	20	8	0	0
	1730	665	999.5	928.5	..	30.8	22.2	17.3	20.4	51	..	6.5	..	21.3	0	13	17	02	0	0	0	1	2	18	7	0	0
	2330	665	1003.6	931.2	..	25.9	21.5	18.9	22.4	70	..	6.1	..	18.6	0	12	17	00	0	1	0	3	7	16	2	1	0
INTERIOR MYSORE, SOUTH																											
BELLARY	0830	449	1006.1	956.5	+0.5	26.7	22.8	20.9	24.6	71	+ 4	6.3	+0.7	10.9	0	0	30	01	0	0	2	0	3	11	13	0	0
	1730	449	1001.2	952.8	+0.3	32.6	23.7	19.0	22.0	45	- 5	6.5	+0.7	14.2	0	7	23	00	0	0	0	0	7	4	19	0	0
CHITRADURGA	0830	733	1006.8	926.6	+0.4	23.2	21.0	19.9	23.2	82	+ 3	5.7	-0.8	13.1	0	0	29	00	0	0	0	0	11	18	0	1	0
	1730	733	1002.6	924.0	+0.3	28.2	22.0	18.8	21.8	58	- 5	4.6	-1.8	12.7	0	2	28	00	0	0	0	0	6	24	0	0	0
SHIMOGA	0830		..	..	..	..	..	..	..	..	..	6.1	-0.3	3.1	0	0	26	00	0	0	0	0	9	17	0	4	0
	1730		..	..	..	..	..	..	..	..	..	5.9	-0.4	3.8	0	0	30	00	0	0	0	0	2	27	1	0	0
AGUMBE	0830		..	..	..	22.5	21.1	20.0	24.0	87	..	.	..	3.9	0	0	28	00	2	0	0	1	25	0	0	2	0
BALEHONNUR	0830		..	..	..	22.0	20.6	20.0	23.2	89	- 3	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
HASSAN	0830	960	1485.8	903.6	+0.2	20.9	19.7	19.1	22.1	89	+ 4	6.5	-0.3	8.3	0	0	28	00	0	0	0	0	5	23	0	2	0
	1730	960	1472.7	901.6	+0.2	24.1	20.9	19.3	22.4	76	- 1	6.8	+0.1	6.6	0	0	30	01	0	0	0	0	3	23	3	0	0
BANGALORE	0230	921	1484.1	907.5	..	20.9	19.7	19.1	22.1	89	..	4.9	..	11.3	0	2	27	01	0	0	0	0	9	19	0	1	0
	0830	921	1494.3	908.5	+1.4	21.9	19.9	19.0	21.8	84	+ 2	6.4	-0.5	9.9	0	1	29	00	0	0	0	0	10	18	2	0	0
	1130	921	1503.5	908.4	..	26.3	21.2	18.7	21.4	63	..	6.3	..	12.5	0	4	26	00	0	0	0	0	12	17	1	0	0
	1430	921	1489.9	906.7	..	28.5	21.6	18.0	20.8	54	..	6.1	..	13.7	0	7	23	00	0	0	0	0	10	16	4	0	0
	1730	921	1481.5	905.9	+1.4	27.7	21.4	18.2	20.8	58	- 4	6.1	-0.8	11.1	0	5	25	00	0	0	0	0	10	17	3	0	0
	2030	921	1490.3	907.6	..	23.9	20.5	18.7	21.6	71	..	4.9	..	12.7	0	3	26	00	0	0	0	0	15	13	1	1	0
BANGALORE AERODROME	0530	897	1469.1	908.3	..	20.2	19.5	19.2	22.1	94	..	6.2	..	18.6	0	14	16	00	0	0	0	1	8	21	0	0	0
	0830	897	1483.6	909.8	+0.4	22.3	20.5	19.6	22.8	85	+ 5	6.6	+0.0	22.6	0	20	10	00	0	0	0	0	9	21	0	0	0
	1130	897	1488.9	909.5	..	26.2	21.7	19.4	22.7	67	..	6.2	..	25.2	0	24	6	00	0	0	0	0	9	21	0	0	0
	1730	897	1466.7	906.7	-0.2	27.4	21.3	18.5	21.3	60	- 1	6.2	-0.6	21.7	0	21	9	01	0	0	0	1	10	16	2	0	0
	2330	897	1480.8	909.6	..	21.8	20.4	19.7	22.9	88	..	4.9	..	18.9	0	16	14	00	0	0	0	2	10	18	0	0	0
MYSORE	0830	767	1007.7	924.2	+0.4	22.4	20.1	18.9	21.8	81	+ 0	3.8	-2.1	10.6	0	2	28	06	2	1	4	4	8	3	2	0	0
	1730	767	1004.3	921.6	-0.2	27.0	21.1	18.2	20.8	59	- 7	5.1	-1.3	17.3	0	8	22	00	0	0	0	6	10	11	3	0	0
YALANKA A.F.	0530	932	1470.3	905.4	..	20.5	19.3	18.7	21.6	89	..	6.2	..	21.5	0	22	7	00	0	0	0	0	5	22	2	1	0
	0830	932	1484.7	906.5	..	22.7	20.1	18.8	21.6	78	..	6.3	..	25.6	0	27	3	00	0	0	0	0	4	24	2	0	0
	1130	932	1488.9	906.2	..	26.7	21.3	18.5	21.3	61	..	6.3	..	27.5	0	26	4	00	0	0	0	0	3	22	5	0	0
	1730	932	1470.1	903.9	..	28.1	21.2	17.5	20.0	54	..	6.3	..	27.9	0	24	6	00	0	0	0	0	4	23	3	0	0
	2330	932	1483.8	906.4	..	22.1	20.0	18.9	21.8	83	..	5.4	..	21.8	0	19	11	00	0	0	0	0	6	23	1	0	0
KERALA																											
CALICUT	0530	5	1008.1	1007.5	..	24.6	24.1	23.8	29.7	96	..	6.2	..	2.2	0	1	16	03	1	11	0	0	0	2	0	13	0
	0830	5	1009.4	1008.8	+0.4	25.7	24.5	23.9	29.8	90	+ 0	6.5	-0.4	1.5	0	0	10	00	2	2	0	0	0	2	4	20	0
	1130	5	1009.6	1009.0	..	27.4	25.3	24.4	30.4	85	..	6.2	..	4.1	0	0	26	05	0	0	0	1	2	14	4	4	0
	1430	5	1008.5	1007.9	..	28.2	25.8	24.8	31.3	82	..	6.3	..	5.9	0	0	29	00	0	0	0	0	6	22	1	1	0
	1730	5	1007.6	1007.0	+0.6	27.2	25.1	24.2	30.0	84	- 1	6.8	-0.1	4.0	0	1	25	01	0	0	0	0	3	18	4	4	0
	2330	5	1009.5	1008.9	..	24.6	23.7	23.2	28.6	92	..	6.3	..	6.1	0	0	27	01	0	5	0	3	13	3	2	3	0
PALGHAT	0830	97	1009.0	998.0	+0.3	25.5	24.0	23.2	28.6	87	- 2	6.4	+0.0	11.3	0	0	30	00	0	0	0	0	2	27	1	0	0
	1730	97	1006.7	995.8	+0.4	27.4	24.1	22.5	27.3	76	- 6	7.4	+0.4	12.6	0	0	30	00	0	0	0	0	2	26	2	0	0
FORT COCHIN	0830	3	1009.6	1009.3	+0.1	26.4	24.9	24.2	30.4	88	+ 0	7.6	+0.3	5.3	0	0	23	01	6	6	0	1	1	4	4	7	0
	1730	3	1007.1	1006.8	-0.2	26.7	25.0	24.3	30.4	87	+ 3	7.5	+0.3	7.9	0	1	23	01	0	1	0	0	0	9	13	6	0
COCHIN(NAVAL AIR STATION)	0230	3	1008.4	1008.1	..	24.6	23.8	23.4	28.8	93	..	6.7	..	5.4	0	0	16	02	4	3	2	0	0	3	2	14	0
	0530	3	1008.1	1007.8	..	24.4	23.6	23.2	28.4	93	..	7.0	..	5.8	0	0	16	02	2	6	1	0	1	1	3	14	0
	0830	3	1009.5	1009.2	..	25.6	24.4	23.9	29.7	90	..	7.1	..	6.1	0	0	23	02	5	9	4	0	0	2	1	7	0
	1130	3	1009.7	1009.4	..	27.9	25.3	24.2	30.0	78	..	6.9	..	9.9	0	2	22	01	0	1	2	1	1	9	9	6	0
	1730	3	1007.5	1007.1	..	26.9	24.7	23.7	29.3	83	..	6.9	..	9.5	0	1	23	02	0	0	1	0	4	6	11	6	0
	2330	3	1009.8	1009.5	..	24.9	24.0	23.6	28.9	93	..	6.9	..	4.0	0	0	12	00	4	4	0	0	1	1	2	18	0
ALLEPPEY	0830	4	1009.8	1009.3	+0.6	26.0	24.9	24.4	30.7	91	+ 1	6.9	-0.2	7.4	0	4	25	01	8	5	7	0	0	2	6	1	0
	1730	4	1008.1	1007.7	+1.0	27.4	25.5	24.7	31.1	86	+ 1	6.7	-0.3	18.5	0	17	13	00	0	0	0	0	5	3	22	0	0
PUNALUR	0830	34	1009.9	1006.1	+0.3	25.3	24.3	23.8	29.7	92	- 1	7.2	+0.9	0.3	0	0	2	01	0	0	0	0	0	0	0	1	28
	1730	34	1007.2	1003.4	-0.2	28.7	25.4	24.0	29.7	76	+ 1	7.6	+1.1	4.0	0	0	22	01	0	0	0	2	6	9	4	8	0
TRIVANDRUM	0230	64	1008.3	1000.7	..	24.4	23.7	23.3	28.6	94	..	6.0	..	5.1	0	1	17	05	1	0	0	0	0	2	10	12	0
	0530	64	1008.3	1000.9	..	24.1	23.5	23.1	28.3	94	..	6.4	..	5.1	0	0	25	11	5	1	0	0	0	3	5	5	0
	0830	64	1009.8	1002.5	+0.2	25.5	24.2	23.6	29.3	90	+ 0	6.9	+0.3	5.6	0	0	24	14	2	0	1	0	0	0	7	6	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — JUNE 1968 (JYAISTHA 11 - ASADHA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
															Wind Speed (Km. p. h.)			Wind direction									
			At mean sea level or lst. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
KERALA																											
TRIVANDRUM	1130	64	1009.5	1002.2	..	27.5	24.9	23.7	29.3	81	..	7.2	..	11.9	0	3	27	06	2	0	0	0	1	9	12	0	0
	1430	64	1007.7	1000.5	..	28.6	25.2	23.7	29.3	76	..	7.0	..	14.8	0	8	22	05	1	0	0	0	0	14	10	0	0
	1730	64	1007.5	1000.2	+0.1	27.1	24.7	23.5	29.1	82	+ 0	6.9	+0.3	12.7	0	5	24	04	0	0	0	0	0	8	17	1	0
	2030	64	1009.5	1002.2	..	25.3	24.2	23.7	29.3	91	..	6.3	..	7.5	0	3	21	04	0	0	0	0	0	6	14	6	0
	2330	64	1009.9	1002.5	..	24.6	23.7	23.6	28.6	93	..	5.9	..	6.8	0	0	27	07	7	2	0	0	0	0	11	3	0
TRIVANDRUM AERODROME	0830	8	1010.1	1009.2	+0.4	26.4	24.4	23.5	28.9	85	- 1	6.9	+0.6	16.5	0	12	16	20	1	0	1	0	0	1	5	2	0
ARABIAN SEA ISLANDS																											
AMINI	0530	4	1006.9	1006.5	..	27.6	25.5	24.6	30.7	84	..	6.9	..	31.2	0	25	5	00	1	0	0	0	4	20	5	0	0
	0830	4	1008.5	1008.1	+0.3	28.1	25.8	24.8	31.5	82	+ 0	7.0	+0.5	31.5	0	23	7	01	0	0	0	0	5	18	6	0	0
	1130	4	1008.9	1008.5	..	28.8	26.0	24.8	31.3	79	..	6.9	..	31.2	1	24	4	00	0	0	0	0	3	19	7	1	0
	1730	4	1006.5	1006.1	..	28.8	26.1	24.9	31.5	80	..	7.1	..	34.1	0	28	2	00	0	0	0	0	4	22	4	0	0
	2330	4	1008.6	1008.2	..	27.9	25.8	25.0	31.5	84	..	6.4	..	34.1	1	23	6	00	0	0	0	0	6	20	4	0	0
AGATTI	0830	4	1008.7	1008.2	..	27.4	25.6	24.9	31.3	85	..	6.5	..	18.3	0	8	22	01	0	0	0	0	7	14	8	0	0
	1730	4	1007.3	1006.8	..	28.6	25.9	24.7	31.1	80	..	6.9	..	23.6	0	19	11	00	0	0	0	0	7	17	6	0	0
ANDROTH	0830	5	1009.3	1008.8	..	27.4	25.3	24.3	30.4	83	..	7.5	..	4.0	0	0	28	00	0	0	0	0	6	1	11	2	10
	1730	5	1005.5	1005.0	..	28.4	25.7	24.6	30.9	80	..	7.4	..	5.5	0	0	27	02	0	0	0	0	6	4	3	3	12
MINICOY	0530	2	1008.3	1008.1	..	27.0	24.6	23.5	28.9	82	..	6.8	..	12.1	0	4	25	00	0	0	0	0	1	24	4	1	0
	0830	2	1009.8	1009.6	+0.3	27.8	25.0	23.8	29.3	79	- 1	7.0	+0.2	13.3	0	6	24	00	0	0	0	0	1	22	7	0	0
	1130	2	1010.3	1010.1	..	28.6	25.4	24.1	29.8	77	..	7.2	..	13.7	0	7	23	00	0	0	0	0	3	20	7	0	0
	1430	2	1008.7	1008.5	..	28.2	25.2	23.9	29.7	78	..	7.4	..	12.3	0	4	25	00	0	0	0	0	0	23	6	1	0
	1730	2	1008.1	1007.9	+0.6	27.8	24.9	23.6	28.9	78	- 2	7.6	+0.5	14.7	0	5	25	01	0	0	0	0	2	23	4	0	0
	2030	2	1009.5	1009.3	..	27.2	24.6	23.4	28.8	80	..	6.5	..	14.5	0	9	20	00	0	0	0	0	3	24	2	1	0
	2330	2	1010.2	1010.0	..	27.3	24.8	23.7	29.3	81	..	6.4	..	15.9	0	10	19	00	0	0	0	0	5	22	2	1	0
HILL STATIONS (EXCLUDING KASHMIR)																											
DALHOUSIE	0830	1959	1395.1	796.8	+1.3	20.4	15.5	12.4	14.4	61	- 2	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	1959	1377.5	795.9	+1.2	24.4	18.3	14.8	16.8	57	- 1	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
DHARMASALA	0830		(R)																								
	1730		(R)																								
BHUNTAR	0830	1096	1439.9	884.4	..	23.1	18.7	16.2	18.4	66	..	3.0	..	2.8	0	0	21	03	2	6	4	4	1	0	1	9	0
	1130	1096	1432.3	883.0	..	28.9	20.7	16.3	18.7	49	..	3.8	..	12.9	0	7	22	00	0	3	9	16	1	0	0	1	0
	1730	1096	1411.1	880.8	..	29.7	20.8	15.8	17.9	44	..	4.0	..	10.7	0	2	28	00	0	3	10	11	3	1	2	0	0
SIMLA	0830	2202	1435.1	778.2	+0.2	19.2	15.2	12.7	14.7	69	+16	3.9	+0.8	1.6	0	0	24	00	3	0	7	0	9	0	5	6	0
	1730	2202	1414.2	776.9	+0.1	21.4	16.7	14.0	16.0	63	+10	4.8	+0.7	1.9	0	0	29	01	5	0	10	1	6	3	3	1	0
GHANGARIA (KANJALIA TOK)	0830		..	..	..	12.1	10.1	8.7	11.2	85	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BADRINATH	0830		(R)																								
JOSHIMATH	0830		..	..	..	19.9	17.4	16.1	18.3	79	+11	4.1	+0.2	2.7	0	0	30	00	2	4	6	1	9	6	2	0	0
	1730		..	..	..	23.2	21.1	20.0	23.4	82	+27	5.3	-0.7	4.0	0	0	30	02	3	1	0	1	10	4	9	0	0
MUSSOORIE	0830	2042	1434.8	792.4	-1.2	17.9	16.3	15.3	17.4	86	+18	6.4	+2.8	1.6	0	0	20	03	2	0	6	7	0	0	12	10	0
	1730	2042	1408.3	790.3	-1.8	19.7	17.8	16.6	18.9	83	+17	6.3	+2.0	2.3	0	0	25	02	1	0	6	10	4	0	2	5	0
MUKTESWAR (KUMAUN)	0830	2311	3104.3	769.3	+0.8	16.0	14.9	14.2	16.2	89	+22	3.0	-0.6	8.6	0	1	28	00	0	0	1	0	5	15	8	1	0
	1730	2311	3091.1	767.2	+0.4	19.3	16.7	15.1	17.0	78	+15	5.5	+1.6	9.7	0	3	25	00	0	0	0	0	5	18	5	2	0
NAINITAL	0830	1953	1435.3	800.6	+0.4	18.2	16.2	14.9	16.9	82	+19	6.8	+2.7	8.6	0	0	28	02	2	7	8	0	0	4	5	2	0
	1730	1953	1407.8	798.5	-0.1	19.9	17.2	15.7	17.8	78	+15	5.4	+1.7	8.1	0	0	30	03	3	5	3	0	0	15	1	0	0
KALIMPONG	0830	1209	1465.7	875.8	+1.8	21.3	20.0	19.3	22.4	89	+ 1	6.4	+1.1	5.5	0	0	30	00	0	0	23	0	0	0	7	0	0
	1730	1209	1432.2	872.3	+0.7	22.0	20.7	20.1	23.5	88	- 1	6.3	+1.3	5.5	0	0	30	00	1	0	26	0	0	0	3	0	0
DARJEELING	0830	2128	1461.1	787.0	-0.5	17.2	16.4	16.0	18.2	93	+ 4	7.8	+0.7	1.5	0	0	9	01	0	0	0	0	7	0	1	21	0
	1730	2128	1440.8	785.0	-0.4	16.8	16.2	15.9	18.1	95	+ 2	7.6	+0.5	2.0	0	0	9	01	0	0	0	0	7	0	0	21	1
KOHIMA	0830	1406	(R)																								
	1730	1406	(R)																								
SHILLONG (C. S. O.)	0830	1598	1448.8	835.5	+1.7	19.6	18.3	17.7	20.2	88	+ 9	7.2	+0.1	4.5	0	0	25	00	1	4	7	2	5	1	5	5	0
	1730	1598	1424.2	833.2	+1.7	19.6	18.2	17.5	20.0	87	+ 7	6.3	-0.7	5.3	0	0	24	00	0	2	5	4	9	3	0	6	1
CHERRAPUNJI	0830	1313	1500.8	868.9	+5.3	19.4	18.8	18.5	21.3	94	+ 0	7.0	+0.2	9.4	0	0	30	00	15	0	3	0	12	0	0	0	0
	1730	1313	1495.4	868.2	+6.9	20.1	19.2	18.7	21.6	92	- 1	8.1	+2.0	8.8	0	0	30	00	9	0	3	0	18	0	0	0	0
ABU	0830		(R)																								
	1730		(R)																								
AIJAL	0830		..	..	..	21.9	20.5	19.8	23.1	87	- 2	6.9	+1.0	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	21.6	20.8	20.4	24.0	90	- 2	6.7	+0.4	..	.	..	..	..	..	..	..	..	..	..	..	..	..
PACHMARHI	0830	1075	1454.5	887.8	+0.0	25.5	20.0	16.7	19.3	61	- 7	4.4	-1.3	6.5	0	0	30	01	1	0	0	0	3	11	14	0	0
	1730	1075	1433.7	885.0	-0.1	30.2	20.9	15.3	17.8	45	-10	5.9	-0.2	4.9	0	0	28	00	4	1	0	0	0	6	17	2	0
MAHABALESHWAR	0830	1382	1484.0	860.4	+1.3	18.9	18.1	17.6	20.1	93	- 2	6.5	-0.8	12.5	0	0	30	00	0	0	0	0	16	0	14	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JUNE 1968 (JYAISTHA 11 - ASADHA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HILL STATION (EXCLUDING KASHMIR)																											
MAHABALESHWAR	1730	1382	1467.4	858.7	+1.4	21.0	19.5	18.7	21.6	89	- 5	6.8	-0.6	11.4	0	0	29	00	0	0	0	0	19	0	10	0	0
MERCARA	0830	1152	1492.7	884.7	+1.0	19.2	18.5	18.2	20.8	93	- 2	7.5	+1.1	11.3	0	2	28	00	0	0	0	1	4	3	20	0	2
	1730	1152	1475.7	882.7	+0.4	21.0	19.5	18.8	21.6	89	- 5	7.4	+1.0	13.3	0	2	28	00	0	0	0	0	6	8	13	0	3
OOTACAMUND	0830	2249	1496.7	778.7	+0.9	14.4	12.8	11.8	13.7	85	- 3	4.8	-1.0	4.4	0	0	16	00	0	0	0	0	13	3	0	14	0
	1730	2249	1472.7	776.9	+0.4	15.6	14.0	12.9	15.0	85	+ 0	6.0	-0.7	4.6	0	0	21	00	1	0	0	0	9	11	0	9	0
COONOOR	0830		..	..	..	20.6	15.9	13.0	15.1	62	- 6	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
KODAIKANAL	0830	2343	3140.1	769.9	+0.2	15.2	12.8	11.0	13.2	77	+ 1	6.1	+0.4	8.9	0	2	24	04	0	0	1	2	0	7	12	4	0
	1130	2343	3149.5	770.2	..	17.7	14.6	12.6	14.7	73	..	6.7	..	9.9	0	2	25	06	0	0	0	1	0	5	15	3	0
	1730	2343	3125.2	768.7	+0.3	14.8	13.5	12.7	14.7	88	+ 1	7.3	+0.2	8.5	0	0	24	03	0	0	1	0	0	7	13	6	0
NEPAL																											
KATMANDU	0830	1324	1441.0	861.7	-0.9	21.7	19.8	18.9	21.8	84	+ 8	6.6	+1.2	1.1	0	0	13	04	0	2	3	3	0	1	0	17	0
	1730	1324	1414.7	859.1	-0.8	22.9	20.5	19.2	22.3	80	+10	6.8	+1.3	1.9	0	0	13	03	1	3	2	1	1	0	1	17	1
	1130	1324	1436.9	861.2	..	24.6	21.0	19.2	22.3	73	..	6.3	..	1.5	0	0	17	07	0	3	1	5	1	0	0	13	0
SIKKIM																											
LACHEN	0830		(R)																								
HYDROMETEOROLOGICAL OBSERVATORIES																											
DAMODAR CATCHMENT																											
TILATYA	0830		..	..	..	28.1	24.8	23.3	28.6	76	..	5.3	..	10.2	0	0	30	00	2	10	6	0	0	11	1	0	0
	1730		..	..	..	29.1	25.0	23.1	28.3	72	..	6.6	..	10.4	0	1	27	01	1	14	4	1	0	5	2	2	0
HAZARIBAGH	0830	615	999.3	932.5	..	26.3	23.9	22.9	27.9	82	..	5.3	..	9.2	0	1	29	00	3	5	2	3	6	10	1	0	0
	1730	615	996.2	929.8	..	27.3	24.7	23.7	29.3	82	..	6.2	..	6.3	0	1	25	00	4	9	2	1	2	4	4	4	0
KONAR	0830		(R)																								
	1730		(R)																								
BOKARO	0830	242	998.9	972.3	..	28.7	25.8	24.6	30.9	79	..	4.9	..	4.9	0	0	27	03	0	6	7	3	4	2	2	3	0
	1730	242	995.9	969.2	..	29.0	26.0	24.7	31.1	79	..	4.5	..	5.2	0	0	27	01	2	6	4	2	3	5	4	3	0
MAITHON	0830		..	..	..	28.8	25.4	23.9	29.7	75	..	6.1	..	3.0	0	0	30	00	2	1	14	3	7	3	0	0	0
	1730		..	..	..	30.0	25.7	23.8	29.5	70	..	5.5	..	3.0	0	0	30	00	6	0	18	1	4	0	1	0	0
RAMGARH	0830		..	..	..	28.7	24.5	22.5	27.3	70	..	5.1	..	5.7	0	0	30	02	0	12	2	0	1	8	1	0	4
	1730		..	..	..	29.2	24.4	22.1	26.6	67	..	6.1	..	6.9	0	0	27	05	0	3	0	2	3	10	1	3	3
PANCHET HILLS	0830		..	..	..	28.4	25.8	24.6	30.9	80	..	6.5	..	2.5	0	0	21	00	7	0	4	0	7	0	3	9	0
	1730		..	..	..	29.7	26.3	24.8	31.3	76	..	6.3	..	1.3	0	0	15	00	7	0	3	0	3	0	2	15	0
DURGAPUR	0830		..	..	..	28.2	25.8	24.7	31.1	82	..	7.1	..	15.3	0	6	24	03	0	4	2	19	0	0	2	0	0
	1730		..	..	..	29.9	26.0	24.3	30.4	72	..	6.4	..	19.5	0	13	14	02	1	1	3	18	1	0	1	3	0
MAHANADI CATCHMENT																											
GINARAHAR	0830		..	..	..	28.0	24.4	22.8	27.9	75	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
HIRAKUD	0830	159	1000.3	982.8	..	30.4	25.3	22.9	27.9	66	..	5.0	..	2.0	0	0	11	00	0	1	0	0	7	0	3	19	0
	1130	159	999.4	982.1	..	33.7	25.9	22.2	26.7	53	..	5.7	..	2.5	0	0	17	01	0	0	0	2	6	8	0	13	0
	1730	159	995.1	978.7	..	34.4	26.0	22.2	26.7	53	..	6.2	..	1.9	0	0	9	01	2	1	1	1	3	0	0	21	0
RHIMKUND	0830		(R)																								
	1730		(R)																								
SONEPUR	0830		(R)																								
KHIJRAWAN	0830		..	..	..	29.7	23.9	20.9	24.9	61	..	6.0	..	13.0	0	5	25	01	1	1	0	3	10	12	2	0	0
	1730		..	..	..	33.9	24.7	19.7	23.5	49	..	6.3	..	11.8	0	4	26	01	4	2	1	1	5	9	7	0	0
NARMADA CATCHMENT																											
BAGRA TAWA	0830		..	..	..	31.2	23.4	19.0	22.4	52	..	3.5	..	16.5	0	5	25	01	0	0	0	1	7	20	1	0	0
	1730		..	..	..	36.3	23.5	15.8	18.5	34	..	4.5	..	16.1	0	6	24	01	1	1	1	1	13	11	1	0	0
PINASA	0830		..	..	..	30.2	23.1	18.9	22.4	54	..	.	..	2.6	0	0	30	00	0	0	0	0	30	0	0	0	0
	1730		..	..	..	37.4	25.0	18.2	21.7	36	..	.	..	2.1	0	0	30	00	0	0	0	0	30	0	0	0	0
TIKRI	0830		..	..	..	30.5	24.5	21.5	25.8	60	..	4.4	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
SABARMATI CATCHMENT																											
DARDI	0830		..	..	..	29.2	25.3	23.6	29.1	72	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	38.7	26.4	20.5	24.1	36	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GANDAK CATCHMENT																											
JAMOSOM	0830		..	..	..	18.4	14.1	11.6	13.8	66	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	19.5	13.8	10.3	12.6	56	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
KHUDI BAZAR	0830		..	..	..	23.6	21.2	20.0	23.5	81	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	24.9	22.2	20.9	24.7	79	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TIMURE	0830		..	..	..	20.3	17.9	16.7	19.1	81	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	21.2	19.1	18.0	20.9	83	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JUNE 1968 (JYAISTHA 11 - ASADHA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lst. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
GANDAK CATCHMENT																											
POKHARA	0830		..	..	..	23.7	21.7	20.7	24.5	84	..	6.6	..	4.5	0	0	25	01	1	1	9	8	4	0	1	5	0
	1130		..	..	..	26.5	22.9	21.3	25.4	74	..	5.9	..	2.3	0	0	21	00	0	3	8	5	4	0	0	9	1
	1730		..	..	..	25.6	22.7	21.4	25.6	78	..	6.2	..	6.4	0	1	25	03	3	6	6	4	1	0	3	4	0
GORKHA	0830		..	..	..	21.6	20.6	20.0	23.5	91	..	7.1	..	..	.	..	..	01	2	0	2	11	2	3	5	4	0
	1130		..	..	..	24.4	22.0	20.9	24.8	81	..	6.5	..	..	.	..	..	01	2	0	9	4	7	1	6	0	0
	1730		..	..	..	24.8	21.7	20.2	23.8	76	..	6.2	..	..	.	..	..	02	2	2	4	2	6	0	8	4	0
NUWAKOT	0830		..	..	..	23.1	20.8	19.5	22.8	81	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	23.9	20.7	19.1	22.4	75	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)																											
DATLEKH	0830		..	..	..	21.5	19.6	18.6	21.5	85	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	24.0	20.7	18.9	22.0	75	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GHAGHARA CATCHMENT																											
SALLYANA	0830		..	..	..	22.1	19.6	18.2	20.9	79	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	22.0	19.5	18.0	20.8	79	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BUTWAL	0830		..	..	..	28.4	24.7	22.9	28.0	74	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	29.9	25.0	22.7	27.7	67	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BAGHMATI CATCHMENT																											
KATMANDU	0830																										
	1130		SEE UNDER NEPAL																								
	1730																										
KOSI CATCHMENT																											
CHAUTARA	0830		..	..	..	21.4	19.8	19.1	22.1	87	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	22.6	20.0	18.8	21.8	80	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
WALUNGCHUNG GOLA	0830		..	..	..	12.7	11.1	9.9	12.3	84	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	11.6	11.0	10.7	12.9	94	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TAPLETHOK	0830		..	..	..	21.8	19.6	18.5	21.3	82	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	21.0	19.4	18.5	21.4	86	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BHOJPUR	0830		..	..	..	20.2	18.7	17.9	20.6	87	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	19.6	18.7	18.3	21.0	92	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TAPLEJUNG	0830		..	..	..	19.6	18.4	17.8	20.4	89	..	7.5	..	1.6	0	0	16	02	1	0	0	2	1	4	6	14	0
	1130		..	..	..	21.8	19.6	18.6	21.4	83	..	6.8	..	3.8	0	0	27	04	1	0	3	2	3	3	11	3	0
	1730		..	..	..	20.7	19.0	18.1	20.8	85	..	7.0	..	3.0	0	2	18	01	0	1	5	6	1	3	3	10	0
OKHALDHUNGA	0830		..	..	..	19.1	18.2	17.7	20.3	92	..	7.2	..	1.7	0	0	9	00	0	1	1	1	1	4	1	21	0
	1130		..	..	..	21.6	19.6	18.7	21.5	84	..	6.7	..	1.1	0	0	9	00	0	1	0	3	2	3	0	21	0
	1730		..	..	..	19.2	18.2	17.7	20.3	91	..	7.1	..	2.3	0	0	14	01	0	1	0	0	2	9	1	16	0
CHAINPUR	0830		..	..	..	22.5	21.0	20.3	23.9	87	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	23.5	21.1	19.9	23.3	80	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BARAHAKSHETRA	0830	146	1001.7	985.4	..	27.5	25.1	23.9	29.8	81	..	5.7	..	0.9	0	0	9	00	0	0	0	1	3	3	2	21	0
	1130	146	1000.8	984.6	..	30.0	25.8	24.0	29.9	71	..	5.5	..	1.9	0	0	18	01	0	0	0	0	10	7	0	12	0
	1730	146	998.6	982.5	..	28.5	25.5	24.3	30.4	79	..	6.1	..	1.5	0	0	11	00	2	1	0	1	3	1	3	19	0
TISTA CATCHMENT																											
GANGTOK	0830	1756	1445.3	814.9	..	18.5	17.6	17.3	19.7	94	..	7.2	..	1.0	0	0	8	00	2	0	0	0	3	0	3	22	0
	1130	1756	1441.5	814.7	..	20.4	19.0	18.3	21.1	87	..	7.4	..	3.4	0	0	21	02	0	0	1	11	6	0	1	9	0
	1730	1756	1423.0	812.9	..	19.6	18.3	17.6	20.1	89	..	7.8	..	2.3	0	0	13	01	2	0	1	8	1	0	0	17	0
GEZING	0830		(R)																								
	1730		(R)																								

910
139
152
1968

भारत सरकार

GOVERNMENT OF INDIA

मौसम विज्ञान विभाग

METEOROLOGICAL DEPARTMENT

भारतीय मौसम पुनरीक्षण

INDIA WEATHER REVIEW

1968

मासिक मौसम रिपोर्ट

MONTHLY WEATHER REPORT

जुलाई

JULY

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INDIA WEATHER REVIEW, 1968

Monthly Weather Report

JULY

MONTHLY WEATHER REPORT

FOR

JULY 1968

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MEANINGS OF SYMBOLS AND ABBREVIATIONS IN TABLES II AND III

Symbol/Abbreviation	Meaning
(a)	Mean/total for 30 days
(b)	Mean/total for 29 days
(c)	Mean/total for 28 days
(d)	Mean/total for 27 days
(e)	Mean/total for 26 days
(f)	Mean/total for 25 days
(g)	Mean/total for 24 days
(h)	Mean/total for 23 days
(i)	Mean/total for 22 days
(j)	Mean/total for 21 days
(k)	Mean/total for 20 days
(l)	Mean/total for 19 days
(m)	Mean/total for 18 days
(n)	Mean/total for 17 days
(o)	Mean/total for 16 days
(p)	Mean/total for 15 days
(q)	Mean/total for 14 days
*	Closed during winter months
(R)	Register not received, hence data not available
-//	Data for less than 15 days, hence no means published
ds	Days
●	Data rejected
D.N	Data not available
E	Estimated

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Published by the Authority of the Government of India

Chief features :-

(i) Further advance of the monsoon to cover the entire country by 9th;

(ii) Strong monsoon activity over north India and along west coast with serious floods in Kerala and in many states in north India; and

(iii) Formation of a deep land depression and a deep depression over the Bay of Bengal.

A trough of low pressure which developed over the extreme east central Arabian Sea off the Mysore and Maharashtra coasts on 30th June moved slowly northwards and became unimportant off the Gujarat coast by 8th. Under its influence, the monsoon was strong along the west coast. It also advanced into Rajasthan by 7th and into the remaining parts of northwest India by 9th. Some of the heavy rainfalls recorded were Mangalore 13 cm and Mangalore AP 12 cm, Fort Cochin 11 cm and Calicut 10 cm on 1st, Mangalore 13 cm on 2nd, Mahabaleshwar 21 cm, Veraval 12 cm and Bhira 10 cm on 4th, Fort Cochin 11 cm and Calicut, Mangalore and Bhira 10 cm each on 5th, Calicut 10 cm on 6th, Khandala 18 cm and Mahabaleshwar and Bhira 14 cm each on 7th, Surat 14 cm on 8th and 12 cm on 9th. According to press reports, the continuous heavy rains in Kerala caused serious floods, inundating low lying areas and submerging vast areas of paddy crops. Although there was slight improvement in the rainfall position towards the end of the first week, it soon deteriorated with renewed strong monsoon activity during the next two weeks leading to prolonged serious floods, the worst affected areas being Calicut and Cannanore districts, as reported by the press. Besides, the severe damage to standing crops and public property, more than 50 people were reported to have been killed. Coastal Mysore was also affected by floods during the third week. Some of the noteworthy amounts of rainfall recorded along the west coast were : Calicut 17 cm and Fort Cochin 14 cm on 14th, Calicut 15 cm, Mangalore AP 14 cm and Mangalore and Agathi 13 cm each on 15th, Fort Cochin 13 cm on 18th, Panjim (Goa) 23 cm, Honavar and Harnai 18 cm each, Devgarh 16 cm and Mangalore 13 cm on 19th and Mangalore AP 26 cm, Mangalore 17 cm and Dabolim (Goa) 13 cm on 20th. There was a general decrease in the intensity of rainfall along the west coast during the last ten days of the July with consequent improvement in the flood situation in Kerala and coastal Mysore.

The monsoon was fairly active over northeast India at the beginning of the month. A low pressure area formed over northeast Madhya Pradesh and adjoining Uttar Pradesh on 4th. It moved slowly northwards to east Uttar Pradesh where it merged into the seasonal trough by 8th. Under its influence, the monsoon was quite strong over Uttar Pradesh and the central parts of the country with good rainfall over the remaining parts of north India. Some of the noteworthy amounts of rainfall recorded were : Sibsagar 19 cm and Najibabad 15 cm on 3rd, North Lakhimpur 17 cm on 4th, Lucknow (Amausi) and Pachmarhi 11 cm each on 6th and Narsinghpur 16 cm and Imphal 14 cm on 7th.

Another low pressure area developed over Bihar Plateau and adjoining Gangetic West Bengal on 8th and concentrated into a deep land depression by the morning of 9th centred near Krishnanagar. It moved slowly northeastwards and weakened into a low pressure area over the western parts of Assam by 12th. Later it became unimportant. Under its influence, there was a spell of heavy rainfall over northeast India. Calcutta recorded 18 cm of rain on 9th, the heaviest in July during the last fifty years. The other noteworthy amounts of rainfalls were : Sibsagar 31 cm, Dhanbad 19 cm, Shillong 17 cm, Berhampore 13 cm and Kailashahar 12 cm on 8th, Krishnanagar 26 cm, Bagati 24 cm, Jamshedpur 18 cm and Bilaspur 12 cm on 9th, Daltonganj and Midnapur 13 cm each on 10th, Berhampore 17 cm, Aijal 14 cm and Krishnanagar 12 cm on 11th, Tangla 17 cm and Tura 15 cm on 13th, Baghdogra 28 cm and Sibsagar, Cooch Behar and Bankura 12 cm each on 14th and Sibsagar 18 cm and Baghdogra 15 cm on 15th. The heavy rains caused serious floods in West Bengal and 10 people were reported to have been killed and about 5 lakh people affected by the floods there. The rivers in Assam also rose in spate and flooded vast areas.

A well marked low pressure area formed over northwest Madhya Pradesh and neighbourhood on 10th. It weakened on 12th and persisted as a feeble low over northeast Rajasthan and adjoining west Uttar Pradesh till 15th. In association with it, there was good monsoon activity over most parts of northwest India, Uttar Pradesh and the central parts of the country, the monsoon being particularly strong over east Rajasthan, Haryana and west Uttar Pradesh. Some of the very heavy rainfalls reported were : Shivpuri 24 cm on 9th and 22 cm on 10th, Jhansi 20 cm on 9th, Sheopur 21 cm on 10th and 28 cm on 11th, Nimach 14 cm on 11th, Sikar 24 cm on 13th, Gurgaon 28 cm on 14th, Karnal 24 cm and Meerut 12 cm on 15th, Nautanwa 13 cm and Gorakhpur 12 cm on 17th. The unusually heavy rainfall in many parts of Rajasthan resulted in heavy floods causing serious damage to life, property and public works and disrupting road and rail communications. About 45 people were reported to have died due to drowning, house collapse etc. and about half a million people and an area of 15,000 sq. kms. were affected by the floods.

A low pressure area formed over the northwest Bay of Bengal and adjoining land areas on 16th. It persisted there the next day. Later it moved westnorthwestwards and merged into the seasonal low over Rajasthan and adjoining West Pakistan by 20th. An upper air cyclonic circulation developed over west Rajasthan on 19th and shifted northwards to Punjab and adjoining areas on 20th. Later it moved eastwards to north Uttar Pradesh where it weakened off by 24th. Another upper air cyclonic circulation also developed over west Rajasthan on 23rd. Moving to Punjab and neighbourhood it became less marked by 25th. In association with these developments, the monsoon continued to be active over north India with increased activity over west Madhya Pradesh, Uttar Pradesh and Bihar Plains. Sibsagar recorded 21 cm of rain on 17th and 19 cm on 20th, Pasighat 14 cm on 20th and 13 cm on 21st, Cooch Behar 15 cm on 21st and 13 cm on 23rd, Bagdogra 13 cm on 22nd and Gorakhpur 17 cm on 23rd. As reported by the press, the heavy rains caused inundation due to flood waters in Haryana, Delhi area, Punjab, Uttar Pradesh and Bihar State. According to another press report, the village of Subagh in Meerut district was almost completely wiped out in a cloud burst on 18th night.

Under the influence of a low pressure wave moving from the east, a low pressure area formed over the central and adjoining north Bay of Bengal on 24th. It concentrated into a depression by the morning of 26th with centre near Lat. 18.0°N and Long 88.5°E. Initially it moved very slowly in a northerly direction and intensified into a deep depression by the morning of 28th when it was centred about 150 kms eastsouth-east of Chandbali. Later it moved westnorthwestwards and crossed the north Orissa coast near Chandbali on the night of 28th-29th. Continuing its westnorthwestward movement it weakened into a depression over Madhya Pradesh on 30th morning with centre near Jabalpur. The depression was lying centred near Jhalawar on 31st morning. Under its influence, the monsoon activity was well maintained generally over the country. The monsoon was particularly strong over the north Pehinsula and the central parts of the country. Some of the very heavy rainfalls recorded were : Phulbani 13 cm on 28th, Dharmsala 16 cm on 29th, Hoshangabad 23 cm, Gondia 19 cm, Mahabaleshwar 17 cm, Seoni 15 cm and Khandala and Bhira 14 cm each on 30th and Khandala 26 cm and Mahabaleshwar 16 cm on 31st.

The total rainfall for the month was in large excess in Haryana, Kerala and Arabian Sea Islands; moderate excess in South Assam, Punjab, West Madhya Pradesh and Coastal Mysore, slight excess over Bay Islands, Gangetic West Bengal, Bihar Plateau, East Rajasthan and Marathwada; slight defect in Orissa, Himachal Pradesh, West Rajasthan, East Madhya Pradesh, Konkan, Coastal Andhra Pradesh, Telangana, Rayalaseema and North Interior Mysore; moderate defect in Gujarat and Madhya Maharashtra and in large defect over Saurashtra - Kutch and Madras. It was normal over the rest of the country.

The mean maximum temperature was above normal in West Rajasthan, Gujarat, Saurashtra - Kutch, Vidarbha, Coastal Andhra Pradesh and Telangana; below normal over Haryana and Punjab. It was normal over the rest of the country.

The mean minimum temperature was below normal in Arabian Sea Islands. It was normal over the rest of the country.

The mean Relative Humidity in the morning was above normal in Haryana. It was normal over rest of the country.

The mean Relative Humidity in the evening was above normal in Haryana; below normal in west Rajasthan, Gujarat and Marathwada. It was normal over rest of the country.

The mean cloud amount in the morning was normal all over the country.

The mean cloud amount in the evening was below normal in Himachal Pradesh and Saurashtra - Kutch. It was normal over rest of the country.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 17 chief political divisions and the 33 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. IST of the date noted in the succeeding column; similarly the heaviest rainfall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. IST of the date given in the succeeding column.

Poona-5;

5th August 1968.

Y.P. RAO,

for Director General of Observatories

TABLE I - DIVISIONAL AND SUB-DIVISIONAL MEANS - JULY ,1968 (10 ASADHA - 9 SRAVANA,1890 SAKA)

DIVISION	Rainfall (millimetres)	Percentage of normal	Mean maximum temperature °C	Mean minimum temperature °C	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud Amount (Oktas) 0830 hrs. IST.	Cloud Amount (Oktas) 1730 hrs. IST.
1	2	3	4	5	6	7	8	9
1.ASSAM(INCLUDING.	479.2	113	30.8	24.2	88	82	7.0	6.1
NEFA,N.L.ETC) .	+ 55.4		-0.8	-0.3	+ 2	+ 1	+0.2	+0.1
2.WEST BENGAL .	479.0	116	31.7	25.3	86	82	6.6	6.4
.	+ 66.3		+0.1	-0.4	+ 1	0	-0.1	0.0
3.ORISSA .	315.9	87	31.5	24.7	85	81	6.4	6.5
.	- 46.6		+0.9	-0.5	+ 1	- 1	-0.4	-0.5
4.BIHAR .	315.0	98	31.9	24.8	86	81	6.7	6.6
.	- 6.5		-0.1	-0.8	+ 2	+ 3	+0.2	+0.1
5.UTTAR PRADESH .	349.1	106	32.7	25.1	85	76	5.9	5.9
.	+ 19.5		-0.3	-0.6	+ 3	+ 3	+0.1	+0.4
6.HARYANA(INCLU. .	373.2	184	33.9	25.3	82	67	4.7	4.5
DELHI CHANDIGARH).	+170.9		-1.4	-0.8	+ 6	+ 6	+0.3	+0.5
7.PUNJAB .	272.7	131	34.6	25.4	77	62	4.7	3.8
.	+ 63.8		-1.4	-1.0	+ 3	+ 3	+0.7	+0.1
8.HIMACHAL .	370.7	75	31.0	22.7	89	71	5.9	4.3
PRADESH .	-123.0		-0.9	-0.3	+ 3	0	-0.2	-1.4
9.JAMMU AND .	162.2	101	28.7	15.3	65	44	4.2	3.8
KASHMIR .	+ 0.9		+0.6	-1.0	- 2	+ 2	0.0	+0.1
SUB-DIVISION								
SUB-DIVISION								
1.BAY ISLANDS .	434.9	113	29.5	24.0	86	87	6.7	6.9
.	+ 50.1		+0.1	-0.5	+ 2	+ 1	+0.2	+0.4
2.NORTH ASSAM .	448.9	106	31.3	24.5	88	81	7.0	5.8
(INCLUDING NEFA) .	+ 26.5		-0.8	-0.4	+ 2	+ 1	+0.3	+0.1
3.SOUTH ASSAM .	552.7	129	29.7	23.5	87	82	7.1	6.6
(INCL.N.LAND ETC).	+125.3		-0.8	-0.2	+ 2	0	+0.3	+0.1
4.SUB-HIMALAYAN .	688.7	103	30.9	24.4	88	82	6.9	6.0
WEST BENGAL .	+ 23.0		-0.3	-0.9	+ 2	+ 1	0.0	-0.1
5.GANGETIC WEST- .	409.1	125	32.0	25.6	85	82	6.6	6.6
BENGAL .	+ 80.7		+0.2	-0.3	+ 1	0	0.0	0.0
6.ORISSA .	315.9	87	31.5	24.7	85	81	6.4	6.5
.	- 46.6		+0.9	-0.5	+ 1	- 1	-0.4	-0.5
7.BIHAR PLATEAU .	378.4	111	31.4	24.3	84	81	6.7	7.0
.	+ 38.3		+0.2	-0.5	0	+ 1	0.0	+0.1
8.BIHAR PLAINS .	278.8	90	32.3	25.2	87	81	6.8	6.3
.	- 32.1		-0.3	-0.9	+ 3	+ 4	+0.4	+0.2
9.UTTAR PRADESH .	349.3	108	33.0	25.9	85	77	6.4	6.2
(EAST) .	+ 25.0		-0.3	-0.4	+ 2	+ 3	+0.4	+0.6
10.UTTAR PRADESH .	348.6	103	32.0	23.9	84	74	5.2	5.3
(WEST) .	+ 10.3		-0.6	-0.9	+ 3	+ 3	-0.3	0.0
11.HARYANA(INCLU. .	373.2	184	33.9	25.3	82	67	4.7	4.5
DELHI CHANDIGARH).	+170.9		-1.4	-0.8	+ 6	+ 6	+0.3	+0.5
12.PUNJAB .	272.7	131	34.6	25.4	77	62	4.7	3.8
.	+ 63.8		-1.4	-1.0	+ 3	+ 3	+0.7	+0.1
13.HIMACHAL .	370.7	75	31.0	22.7	89	71	5.9	4.3
PRADESH .	-123.0		-0.9	-0.3	+ 3	0	-0.2	-1.4
14.JAMMU AND KASH- .	162.2	101	28.7	15.3	65	44	4.2	3.8
-MIR .	+ 0.9		+0.6	-1.0	- 2	+ 2	0.0	+0.1
15.RAJASTHAN(WEST).	90.3	88	37.9	27.1	69	47	4.1	4.6
.	- 12.5		+1.3	0.0	- 4	- 6	-0.4	0.0
16.RAJASTHAN(EAST).	275.1	121	34.6	25.4	77	65	5.2	5.7
.	+ 48.4		+0.7	-0.5	0	+ 1	-0.2	-0.1
17.MADHYA PRADESH .	457.5	128	31.5	23.6	85	74	7.1	7.1
(WEST) .	+100.6		+0.8	-0.2	0	0	+0.3	+0.2

DIVISION	Rainfall (millimetres)	Percentage of normal	Mean maximum temperature °C	Mean minimum temperature °C	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud Amount (Oktas) 0830 hrs. IST.	Cloud Amount (Oktas) 1730 hrs. IST.
1	2	3	4	5	6	7	8	9
10.RAJASTHAN .	191.9	112	35.9	26.1	73	57	4.8	5.2
.	+ 21.0		+1.0	-0.3	- 2	- 2	-0.2	-0.1
11.MADHYA PRADESH .	400.9	106	31.3	23.6	85	76	6.9	7.0
.	+ 22.5		+0.7	-0.3	0	+ 1	+0.1	+0.1
12.GUJARAT STATE .	166.3	57	33.7	26.2	82	67	6.0	5.5
(INCLU.DIU ETC).	-127.0		+1.7	+0.5	- 3	- 6	-0.6	-0.9
13.MAHARASHTRA .	373.1	89	30.5	23.3	85	74	6.7	6.8
STATE(INCL.GOA).	- 45.7		+0.7	-0.1	0	- 1	-0.1	-0.2
14.ANDHRA PRADESH .	141.3	81	33.1	24.9	76	63	6.3	6.5
.	- 32.1		+1.0	+0.3	- 2	- 3	-0.4	-0.3
15.MADRAS STATE .	21.2	36	34.5	25.0	69	62	6.1	6.7
(INCL.PONDICH.).	- 37.8		+0.7	-0.1	+ 1	+ 3	+0.3	+0.5
16.MYSORE .	469.7	119	27.7	21.2	87	75	7.3	7.3
.	+ 73.8		-0.3	-0.1	+ 1	0	+0.3	+0.2
17.KERALA .	978.5	199	27.8	22.4	93	88	7.4	7.5
.	+485.6		-0.9	-0.8	+ 3	+ 4	+0.6	+0.5
SUB-DIVISION								
SUB-DIVISION(CONTD)								
18.MADHYA PRADESH .	325.4	80	31.0	23.7	85	79	6.8	6.8
(EAST) .	- 81.6		+0.6	-0.2	0	+ 1	+0.1	-0.1
19.GUJARAT REGION .	236.2	70	33.9	25.6	82	62	6.3	5.8
(INCL.DAMAN ETC).	- 99.7		+1.7	+0.5	- 5	-10	-0.4	-0.5
20.SAURASHTRAKUTCH.	117.9	45	33.5	26.7	83	72	5.6	5.3
(INCLUDING DIU) .	-145.8		+1.7	+0.6	- 1	- 3	-0.4	-1.3
21.KONKAN .	748.9	89	29.2	24.6	88	86	7.0	6.9
(INCLUDING GOA).	- 94.7		+0.3	-0.1	0	0	-0.1	-0.2
22.MADHYA- .	117.4	73	30.4	22.5	84	72	6.2	6.4
-MAHARASHTRA .	- 42.6		+0.6	+0.1	+ 1	+ 2	-0.4	-0.5
23.MARATHWADA .	221.9	123	31.3	21.8	83	62	6.5	6.8
.	+ 41.5		+0.8	-0.3	- 2	- 7	-0.4	-0.5
24.VIDARBHA .	331.9	92	31.8	23.5	83	72	6.9	7.0
.	- 29.1		+1.2	-0.2	- 1	- 1	0.0	0.0
25.COASTAL ANDHRA .	121.1	76	33.9	26.1	75	66	5.6	6.0
-PRADESH .	- 38.4		+1.1	+0.4	- 3	- 3	-1.0	-0.6
26.TELANGANA .	207.8	87	32.2	24.1	79	64	6.9	6.9
.	- 32.2		+1.1	+0.3	- 2	- 4	+0.2	0.0
27.RAYALASEEMA .	70.4	80	32.8	23.9	72	56	6.6	7.2
.	- 17.6		+0.4	+0.2	0	0	-0.3	+0.2
28.MADRAS STATE .	21.2	36	34.5	25.0	69	62	6.1	6.7
(INCL.PONDICH.).	- 37.8		+0.7	-0.1	+ 1	+ 3	+0.3	+0.5
29.COASTAL MYSORE .	1516.9	137	27.5	22.9	92	90	7.9	7.8
.	+407.3		-0.6	-0.5	+ 1	+ 2	+0.5	+0.4
30.INTERIOR MYSORE.	166.1	85	29.0	21.6	85	70	7.3	7.3
(NORTH) .	- 28.8		+0.2	+0.2	+ 1	- 2	+0.6	+0.4
31.INTERIOR MYSORE.	211.7	99	26.4	19.9	87	72	6.9	7.1
(SOUTH) .	- 3.2		-0.7	-0.2	+ 3	+ 3	-0.1	+0.1
32.KERALA .	978.5	199	27.8	22.4	93	88	7.4	7.5
.	+485.6		-0.9	-0.8	+ 3	+ 4	+0.6	+0.5
33.ARABIAN SEA- .	455.5	166	29.0	23.8	83	79	7.1	7.5
ISLANDS .	+180.4		-0.4	-1.5	0	- 1	+0.9	+0.6

Note :- The entries in the second line for each division and sub-division indicate departures from normal.

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — JULY 1968 (10 ASADHA - 9 SRAVANA 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 to 8.2 mm.	Precipitation 8.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Duststorms	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
BAY ISLANDS																												
HAVELOCK BANDAR	28.7	-0.3	30.3	09	23.9	-0.3	21.4	18	308.0	683.2	+173.2	136.0	17	24	+ 3.3	19.0	14.9	+2.8	0	31	0	0	7	0	0	0	0	0
LONG ISLAND	30.0	0.0	32.6	21	24.2	0.0	22.2	17	292.8	609.2	+170.6	88.6	25	23	+ 3.4	7.4	5.5	+2.5	0	28	0	0	8	0	0	0	0	0
PORT BLAIR	29.0	+0.1	30.0	10	23.8	-0.3	22.3	24	123.1	551.0	+159.6	61.6	05	22	+ 2.5	27.0	21.6	+1.7	1	29	0	0	8	0	0	0	1	0
CAR NICOBAR	30.2	0.0	32.2	12	24.0	-0.4	20.7	19	66.1	223.2	-107.7	43.5	24	16	+ 0.8	5.4	6.2	+1.1	0	19	0	0	0	0	0	0	0	0
NAN COWRY	29.7	+0.5	31.5	11	24.7	-0.2	22.7	19	73.1	164.3	-118.7	48.0	19	11	- 4.9	11.9	10.7	-1.4	0	17	0	0	0	0	0	0	0	0
KONDUL	29.1	0.0	30.6	16	23.1	-1.8	20.5	12	41.8	378.2	+ 23.1	169.0	12	14	- 3.4	9.7	8.5	+0.4	0	14	0	0	0	0	0	0	0	0
NORTH ASSAM (INCLUDING NEFA)																												
PASIGHAT	29.7	-1.0	35.0	13	23.7	-0.1	22.1	23	311.6	860.7	-150.1	143.6	20	21	- 0.7	4.7	5.1	+1.9	0	23	0	0	5	0	0	0	0	0
DIBRUGARH (MOHANBARI)	30.6	-0.5	35.1	30	25.1	+0.8	23.2	22	100.7	502.4	- 13.7	78.4	14	22	+ 0.3	7.1	5.1	+1.2	1	24	0	0	14	0	0	0	0	0
DIGBOI	30.3	-1.2	37.4	29	24.3	0.0	22.9	21	138.1	450.0	- 86.5	76.2	06	23	+ 0.9	..	..	..	1	25	0	0	0	0	0	0	0	0
NORTH LAKHIMPUR	30.8	-0.2	35.2	29	23.7	-0.9	22.4	22	80.5	521.9	- 93.9	79.3	03	19	- 3.1	8.1	5.3	..	1	25	0	0	0	0	0	0	0	0
SIBSAGAR	31.2	-1.2	35.2	29	..	..	..	..	77.4	810.0	+333.5	236.0	02	18	- 1.8	..	..	..	0	27	0	0	16	0	0	0	0	0
GOHPUR	31.1	-1.9	35.4	29	24.6	-0.1	23.4	24	83.6	567.3	+230.9	103.4	07	22	+ 8.7	5.5	4.3	..	0	23	0	0	1	0	0	0	0	0
MAJBAT	31.7	..	35.7	29	24.8	..	23.4	12	60.4	302.2	- 2.1	73.2	04	14	- 0.3	7.6	5.0	+0.6	0	14	0	0	0	0	0	0	0	0
JORHAT AERODROME	31.8	..	34.9	29	24.9	..	21.7	24	59.8	487.8	..	68.5	17	25	..	..	..	..	0	25	0	0	14	0	0	0	0	0
TANGLA	31.7	-1.6	35.2	27	25.4	+0.4	24.1	18	52.7	480.2	+218.7	101.2	07	17	+ 4.4	4.1	5.4	+3.2	0	19	0	0	0	0	0	0	0	0
TEZPUR	31.8	-0.3	34.5	29	24.8	-0.5	23.8	05	41.6	204.6	-136.8	37.8	04	15	- 1.6	4.0	4.0	+1.5	0	21	0	0	0	0	0	0	0	0
GOLAGHAT	31.8	-0.9	35.6	30	24.4	-0.1	23.4	01	85.2	299.3	- 78.3	42.6	23	18	+ 0.3	..	..	..	1	22	0	0	0	0	0	0	0	0
RANGIA	32.7	-0.7	35.2	04	25.8	+0.9	23.9	17	33.4	285.3	- 3.6	58.8	17	17	+ 6.5	..	..	..	0	17	0	0	0	0	0	0	0	0
CHAPARMUKH	32.2	-1.1	35.1	29	24.2	-1.7	22.0	11	40.0	354.4	+ 56.1	65.6	24	14	- 3.7	5.9	5.1	..	0	14	0	0	3	0	0	0	0	0
GOALPARA	31.4	-0.9	35.1	06	22.3	-2.7	19.4	13	171.0	517.7	+ 71.4	104.5	12	19	+ 2.3	6.3	4.6	+1.4	0	22	0	0	0	0	0	0	0	0
GAUHATI (BHORJOR)	31.1	-0.6	33.5	31	25.2	-0.5	24.1	17	79.0	278.3	- 87.0	44.4	07	18	+ 2.7	8.2	5.7	..	1	23	0	0	16	0	0	0	0	0
DHUBRI (RUPSI)	31.0	-1.1	34.2	29	25.0	-0.6	23.2	23	166.6	531.9	+135.2	117.0	12	14	- 0.8	9.3	7.3	+2.8	0	20	0	0	10	0	0	0	0	0
DHUBRI	30.2	+0.6	33.7	04	24.9	-0.9	22.9	23	155.0	529.6	+ 99.6	98.8	20	18	+ 2.0	7.8	9.0	+2.9	0	22	0	0	0	0	0	0	0	0
LUMDING	33.0	0.0	35.8	02	24.6	-0.2	23.6	30	107.1	161.3	- 41.4	62.5	17	12	+ 0.8	4.9	3.6	..	0	16	0	0	0	0	0	0	0	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																												
TURA	28.8	-0.1	31.5	30	23.9	+0.7	22.7	22	455.7	839.3	+174.2	145.5	13	22	+ 1.1	5.8	5.3	-1.1	0	27	0	0	0	0	0	0	0	0
HAFLONG	25.7	-2.3	28.1	28	20.1	-1.4	19.7	17	70.2	392.0	+ 70.0	58.2	17	23	+ 4.9	..	..	..	0	25	0	0	8	0	0	0	0	0
SILCHAR (KUMBHIRGRAM)	31.6	-0.9	37.5	29	24.3	0.0	23.5	30	68.4	556.7	+ 38.8	60.9	03	24	+ 2.2	5.7	5.3	0.0	1	28	0	0	10	4	0	0	0	0
SILCHAR	29.9	-1.9	34.7	29	25.4	+0.3	24.4	11	118.8	614.6	+ 72.6	82.2	18	26	+ 3.0	1.7	1.2	-0.7	0	27	0	0	9	0	0	0	0	0
IMPHAL (TULIHAL)	28.8	+0.4	31.4	04	20.5	-1.3	19.2	20	69.5	265.2	+ 12.7	44.8	17	17	- 0.7	6.3	4.0	-2.5	2	23	0	0	2	0	0	0	0	0
KAILASHAHAR	31.6	-0.9	35.0	29	24.8	-0.1	23.4	12	249.2	741.9	+430.4	122.0	08	23	+ 5.6	8.8	7.8	+3.5	0	29	0	0	18	0	0	0	0	0
AGARTALA	31.2	-0.2	33.9	29	25.2	+0.3	23.8	10	120.6	459.5	+ 79.0	99.3	10	15	- 1.6	10.4	9.0	-0.4	2	20	0	0	14	0	0	0	0	0
SUB-HIMALAYAN WEST BENGAL																												
BAGHDOGRA	31.2	+0.2	34.2	27	23.8	-0.9	22.5	22	122.6	776.8	- 71.7	152.9	15	23	+ 0.1	11.4	10.6	+3.1	0	29	0	0	10	0	0	0	0	0
JALPAIGURI	29.9	-0.7	32.5	31	23.7	-1.3	22.3	20	115.0	723.8	- 50.1	..	..	..	..	7.4	7.0	+0.5	.	..	0	0	3	0	0	0	0	0
COOCH BEHAR AERODROME	30.7	-0.6	33.6	27	24.2	-1.2	22.4	20	238.7	998.3	+250.5	153.6	21	21	+ 1.8	7.0	4.8	+0.3	0	23	0	0	18	0	0	0	0	0
BALURGHAT	31.7	..	33.6	03	25.9	..	23.8	22	250.5	396.1	..	83.2	07	17	..	7.5	6.2	..	0	23	0	0	5	0	0	0	0	0
MALDA	31.7	-0.1	33.5	28	26.0	-0.2	24.6	12	70.0	255.9	- 36.7	28.2	06	22	+ 7.3	4.3	3.4	-5.0	0	28	0	0	17	0	0	0	0	0
GANGETIC WEST BENGAL																												
BERHAMPORE	32.1	-0.4	35.3	04	22.7	-3.3	0.0	00	254.6	395.2	+114.0	128.5	08	15	- 2.0	5.8	4.4	-1.2	0	20	0	0	0	0	0	0	0	0
SURI	32.1	-0.2	33.7	03	25.6	+0.1	24.1	14	..	450.1	+121.4	120.0	08	17	+ 2.1	.	7.3	-1.6	0	22	0	0	4	0	0	0	0	0
ASANSOL	32.5	+0.5	34.4	16	25.7	+0.1	24.1	23	145.8	399.2	+ 40.5	67.7	23	18	0.0	8.7	6.5	-1.6	1	24	0	0	17	0	0	0	0	0
SHANTI NIKETAN	32.0	...	34.6	03	25.9	..	24.2	14	109.4	267.5	..	79.9	08	15	..	8.5	9.4	..	0	22	0	0	24	0	0	0	0	0
KRISHNANAGAR	32.0	-0.3	34.8	26	25.2	-0.4	23.0	09	150.6	667.6	+381.3	260.0	09	14	- 2.6	7.7	6.8	0.0	0	21	0	0	5	0	0	0	0	0
PURULIA	32.1	+0.4	34.8	03	25.1	+0.2	24.1	14	61.8	289.3	- 49.5	71.4	09	18	- 0.3	8.2	6.1	0.0	0	20	0	0	15	0	0	0	0	0
BANKURA	33.0	..	35.0	06	25.6	..	24.1	10	104.7	442.4	+106.6	121.0	14	15	- 1.2	5.5	3.8	..	2	20	0	0	0	0	0	0	0	0
BURDWAN	33.5	+1.5	35.8	26	26.3	+0.5	25.0	10	165.0	347.0	+ 13.7	145.0	09	12	- 4.1	11.4	9.9	+2.8	0	12	0	0	0	0	0	0	0	0
CALCUTTA (DUM DUM)	32.0	+0.2	34.6	25	26.4	+0.4	24.4	30	146.5	455.9	+140.0	100.1	09	14	- 4.1	14.6	12.1	+0.6	2	22	0	0	11	0	0	0	1	0
CALCUTTA	32.2	+0.2	34.6	25	25.4	-0.9	23.5	13	208.6	494.6	+163.4	175.6	09	20	+ 3.1	9.9	7.7	+1.7	2	22	0	0	13	0	0	0	0	0
MIDNAPORE	32.1	+0.2	34.2	03	25.7	-0.1	24.5	14	105.8	395.4	+ 61.9	130.2	10	13	- 3.6	6.6	5.3	-0.1	0	16	0	0	0	0	0	0	0	0
CONTAI	31.3	+0.5	33.1	03	26.3	0.0	24.3	11	..	225.2	- 77.8	49.4	06	14	- 0.8	13.9	11.3	-1.0	0	20	0	0	0	0	0	0	0	0
SAGAR ISLAND	30.6	+0.3	32.2	25	26.8	+0.1	25.1	11	125.7	347.1	- 47.4	72.2	09	21	+ 4.3	24.3	24.4	-0.5	0	22	0	0	1	0	0	1	0	0
SANDHEADS	30.8	..	33.3	04	27.0	..	24.5	04	42.1	212.7	- 64.7	42.8	31	13	- 0.3	..	..	..	0	19	0	0	1	0	0	0	0	0
ORISSA																												
BARIPADA	32.7	+0.6	35.2	15	24.7	-0.7	23.5	24	123.2	251.7	-155.3	32.9	10	17	- 1.8	3.1	1.9	-0.5	1	22	0	0	23	0	0	0	0	0
JHARSUGUDA	32.1	+1.4	25.9	01	24.9	+0.3	23.5	03	44.5	328.1	-106.2	77.4	29	14	- 4.8	12.1	9.0	-0.6	1	20	0	0	15	0	0	0	0	0
KEONJHARGARH	30.3	+0.9	32.4	26	22.2	-1.1	20.7	24	149.0	340.4	+ 95.0	69.0	16	18	+ 1.8	12.5	6.5	-1.8	0	19	0	0	0	0	0	0	0	0
BALASORE	31.7	+0.4	33.9	16	25.6	-0.5	23.7	07	140.8	282.6	- 32.9	46.0	10	17	+ 2.7	12.3	9.7	-0.6	1	20	0	0	0	0	0	0	0	0
SAMBALPUR	32.5	+1.8	36.8	03	24.5	-0.4	21.4	11	51.4	316.5	-181.8	114.0	29	13	- 6.3	12.8	11.1	+2.8	0	17	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — JULY 1968 (10 ASADHA - 9 SRAVANA, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
ORISSA (CONTD.)																												
ANGUL	32.7	+1.5	35.2	02	24.5	-0.7	22.4	17	49.3	313.3	- 12.3	101.6	29	13	- 2.5	..	..	..	0	19	0	0	6	0	0	0	0	0
CHANDBALI	32.0	+0.6	35.4	15	25.1	-0.6	23.5	08	211.4	334.5	- 76.2	71.2	03	15	- 1.0	13.2	10.1	-1.1	0	19	0	0	0	0	0	0	0	0
BOLANGIR	32.9	+2.0	37.2	01	24.5	-0.1	22.6	17	156.0	412.5	- 52.2	140.2	28	11	- 4.7	8.0	8.9	-1.2	1	17	0	0	1	0	0	0	0	0
PHULBANI	30.5	..	33.5	01	23.3	..	22.2	20	53.8	317.0	..	134.4	28	12	..	3.0	5.1	..	0	19	0	0	3	0	0	0	0	0
CUTTACK	32.9	+1.3	37.1	14	26.3	+0.7	23.4	03	211.7	371.1	+ 18.0	138.5	03	13	- 2.9	7.3	9.5	-1.2	1	16	0	0	4	0	0	0	0	0
TITLAGARH	31.4	+0.3	34.2	23	24.7	+0.3	22.8	17	190.7	345.5	- 52.8	63.6	28	15	- 1.6	4.9	6.6	+2.2	2	22	0	0	10	0	0	0	0	0
BHUBANESWAR	32.2	+0.7	36.0	14	25.1	-0.4	22.4	03	183.9	322.9	+ 21.4	74.0	29	14	- 0.9	19.5	15.6	-0.3	0	17	0	0	12	0	0	0	0	0
PURI	31.3	+0.7	33.0	25	24.3	-2.4	21.6	29	107.7	216.1	- 65.6	56.0	29	10	- 1.9	..	..	..	0	15	0	0	0	0	0	0	0	0
GOPALPUR	31.1	+0.3	35.0	11	25.3	-0.8	21.9	16	159.7	344.5	+170.5	77.0	27	11	+ 1.6	17.9	14.8	-2.5	0	22	0	0	9	0	0	0	0	0
KORAPUT	25.6	+0.1	28.4	21	..	..	..	..	55.8	242.4	-222.2	54.8	27	19	- 0.9	17.7a	15.2a	..	1	22	0	0	0	0	0	0	0	0
BIHAR PLATEAU																												
DUMKA	31.7	-0.1	33.5	03	24.7	-0.6	23.4	08	214.0	384.0	+ 26.1	91.0	08	19	+ 0.8	9.0	6.3	+0.8	0	21	0	0	0	0	0	0	0	0
DALTONGANJ	33.3	+0.8	37.1	03	24.8	-0.7	22.9	25	166.8	219.4	-131.4	62.6	25	15	- 1.2	..	..	..	0	20	0	0	1	0	0	0	0	0
HAZARIBAGH	29.4	-0.1	31.9	09	22.8	-0.4	21.6	10	173.2	366.8	+ 45.0	59.1	08	16	- 1.7	11.0	8.6	-0.7	0	25	0	0	18	0	0	0	0	0
DHANBAD	31.6	+0.4	33.6	03	24.7	-0.1	23.5	09	247.2	619.6	+255.9	188.8	08	21	+ 2.4	..	..	..	0	22	0	0	6	0	0	0	0	0
RANCHI AERODROME	28.8	0.0	30.6	03	22.3	-0.7	21.3	11	116.7	294.2	- 12.4	35.1	04	18	+ 1.6	13.5	10.2	-1.4	1	23	0	0	20	0	0	0	0	0
JAMSHEDPUR	32.4	+0.4	34.8	02	25.2	-0.7	24.0	08	121.9	313.4	+122.2	175.5	09	19	+ 0.8	10.7	8.3	+0.5	1	22	0	0	13	0	0	0	0	0
JAMSHEDPUR P.B.O.	32.1	+0.1	34.0	02	25.6	+0.1	23.9	03	121.0	431.6	+146.0	144.0	09	17	+ 1.9	9.6	6.9	+0.5	0	23	0	0	20	0	0	0	0	0
CHAIBASA	32.2	+0.5	34.8	01	24.3	-1.0	23.0	02	89.4	197.9	-145.2	25.8	28	15	- 1.3	6.2	4.0	+0.1	0	24	0	0	11	0	0	0	0	0
BIHAR PLAINS																												
MOTIHARI	32.5	0.0	34.9	11	25.3	0.0	23.4	10	74.4	356.5	+ 6.5	73.4	11	13	- 1.1	..	..	..	1	19	0	0	0	0	0	0	0	0
FORBESGANJ	31.6	-1.0	34.8	11	24.9	-0.2	23.8	23	112.4	396.7	-127.4	71.6	14	17	- 1.1	11.2	8.6	+0.9	0	24	0	0	6	0	0	0	0	0
DARBHANGA	32.3	-0.1	35.1	10	25.3	-0.9	23.4	11	134.2	324.5	+ 10.8	54.0	11	15	+ 1.6	4.9h	4.2g	-2.8	1	19	0	0	1	0	0	0	0	0
MUZAFFARPUR	32.1	..	34.8	22	26.1	..	24.6	23	117.2	339.9	+ 24.9	49.2	23	20	+ 6.5	7.2	7.9	..	0	24	0	0	5	0	0	0	0	0
CHAPRA	32.8	..	35.0	06	26.1	..	24.1	15	131.2	313.6	+ 43.4	53.6	22	15	+ 1.7	6.3	5.5	..	0	20	0	0	3	0	0	0	0	0
PURNEA	31.1	-0.9	33.3	28	23.7	-2.2	22.2	23	123.9	383.5	+ 16.2	66.0	13	18	+ 1.8	5.1	3.4	-2.1	0	25	0	0	0	0	0	0	0	0
PATNA	33.0	+0.1	35.4	03	26.5	-0.2	24.9	27	90.8	188.4	- 87.7	33.4	14	13	- 0.2	6.7	6.9	-1.7	1	19	0	0	2	0	0	0	0	0
PATNA AERODROME	32.2	-0.5	34.5	03	25.1	-1.4	23.0	23	61.8	148.6	-132.3	30.0	24	15	+ 2.4	8.6	7.3	-0.6	0	19	0	0	13	1	0	0	0	0
ARRAH	..	..	..	..	..	..	..	..	..	39.2	-286.9	5.5	31	6	- 8.4	..	..	..	0	18	..	..	..	..	..	.	..	.
BHAGALPUR	32.3	-0.2	34.5	21	26.1	-0.1	24.0	21	90.9	239.6	- 13.4	53.7	21	17	+ 3.7	7.3	6.1	-0.5	0	21	0	0	14	0	0	0	0	0
SABAUR	32.2	-0.1	34.0	28	24.4	-1.9	22.2	21	78.4	207.2	- 49.1	65.0	21	17	+ 2.0	9.7	7.8	-1.3	0	22	0	0	27	0	0	0	0	0
JAMUI	32.8	+0.2	36.4	27	25.8	-0.5	24.0	22	104.8	268.4	+ 23.7	64.2	21	13	+ 0.2	3.7	4.8	-1.3	0	17	0	0	0	0	0	0	0	0
DEHRI	32.6	-0.4	36.0	04	24.6	-1.8	22.9	23	122.1	379.7	+ 97.5	130.1	08	19	+ 4.7	5.5	4.5	-1.7	0	22	0	0	3	0	0	0	0	0
GAYA	32.7	-0.8	35.0	03	26.0	-0.3	24.0	10	31.7	319.1	+ 24.0	89.7	08	15	+ 0.3	12.6	9.5	-1.8	1	20	0	0	29	0	0	0	1	0
UTTAR PRADESH EAST																												
KHERI	32.8	+0.1	37.3	03	25.9	0.0	22.5	18	74.8	325.7	- 3.6	112.6	22	13	- 0.9	6.5	4.3	-0.2	0	18	0	0	13	0	0	0	0	0
BAHRAICH	32.9	-0.1	37.8	03	26.1	-0.2	22.5	25	120.6	246.0	- 72.5	88.4	27	11	- 1.2	12.2	9.0	+1.2	0	17	0	0	1	0	0	0	0	0
NAUTANWA	32.6	+0.2	35.6	07	25.0	-1.2	22.0	23	146.6	532.4	+ 45.4	161.2	17	18	+ 3.7	9.8	7.0	-1.1	0	20	..	..	..	..	..	.	..	.
HARDOI	32.9	-0.7	38.2	03	26.1	-0.5	22.5	01	197.8	370.4	+ 35.7	107.0	05	13	+ 1.5	8.8	7.0	0.0	0	15	0	0	0	0	0	0	0	0
GONDA	33.0	+0.1	37.0	03	25.6	-0.6	22.6	25	167.6	419.6	+ 75.4	81.0	28	17	+ 2.7	8.1	6.0	-0.4	0	18	0	0	0	0	0	0	0	0
LUCKNOW	32.8	-0.8	37.6	03	25.7	-0.9	24.0	26	197.9	266.1	- 42.0	71.8	18	15	+ 1.9	..	..	..	0	15	0	0	1	0	0	0	0	0
LUCKNOW (AMAUSI)	32.9	-0.3	38.8	04	26.2	-0.1	24.3	25	213.5	357.5	+ 10.2	106.2	06	13	+11.7	12.1	10.0	-0.9	0	18	0	0	15	0	1	0	0	0
FAIZABAD	33.1	+0.1	36.4	05	25.6	0.0	23.2	22	137.6	431.5	+ 75.4	75.0	12	20	+ 7.8	5.6	4.0	-0.9	0	21	0	0	6	0	0	0	0	0
GORAKHPUR	32.8	0.0	36.7	07	25.2	-1.2	23.1	10	108.2	619.7	+261.0	166.2	23	19	+ 5.0	6.0	4.7	-1.6	0	23	0	0	0	0	0	0	0	0
KANPUR	33.5	-0.2	40.1	04	25.9	-0.7	23.9	22	169.2	310.7	+ 44.3	60.6	15	20	+ 7.4	12.0	10.4	-1.1	0	24	0	0	4	0	0	0	0	0
KANPUR (AERODROME)	33.8	..	40.6	04	26.0	..	22.5	15	161.3	283.7	..	69.8	28	18	..	..	..	..	0	25	0	0	12	0	1	0	0	0
SULTANPUR	33.3	-0.2	37.6	04	26.3	+0.1	23.3	25	83.2	262.8	- 68.1	77.2	22	14	+ 2.4	3.4	2.5	-4.3	0	17	0	0	3	0	0	0	0	0
AZAMGARH	32.7	-0.3	34.9	05	24.9	-1.2	22.4	21	161.4	321.0	+ 36.5	56.4	22	15	+ 1.1	4.6	3.4	..	0	21	0	0	0	0	0	0	0	0
FATEHPUR	33.4	-0.4	39.9	04	26.1	-0.6	23.7	27	165.7	298.4	+ 17.8	82.2	08	12	- 0.1	8.6	6.1	+0.2	0	16	0	0	2	0	0	0	0	0
BALLIA	32.3	-2.0	35.5	07	26.5	+0.6	17.0	31	109.6	376.8	+139.8	72.8	28	19	+ 7.2	6.5	5.9	-0.5	0	22	0	0	0	0	0	0	0	0
BANDA	33.6	-0.4	41.0	04	26.1	-0.3	24.2	21	90.2	425.6	+136.6	111.0	09	18	+ 4.4	3.2	1.7	-1.2	0	22	0	0	0	0	0	0	0	0
ALLAHABAD (BAMHRAULI)	33.9	+0.3	39.8	04	26.2	-0.4	24.2	22	63.9	170.3	-143.1	29.0	08	12	- 2.1	7.3	5.3	-3.1	0	20	0	0	15	0	0	0	0	0
VARANASI (BABATPUR)	33.1	+0.1	37.3	04	26.1	-0.3	24.0	21	121.0	248.3	- 97.5	95.5	08	13	- 2.1	13.5	11.6	+0.2	0	18	0	0	20	0	0	0	0	0
VARANASI	33.1	-0.4	36.0	04	26.4	-0.1	23.9	21	119.6	305.3	- 5.1	70.4	25	13	- 1.2	6.7	8.4	-0.6	0	19	0	0	0	0	0	0	0	0
UTTAR PRADESH WEST																												
MUKHIM	23.9	+0.5	25.8	05	17.0	-0.4	15.0	30	103.6	324.4	-178.9	53.0	18	20	- 1.4	..	..	..	2	24	0	0	11	8	0	0	0	0
TEHRI	33.3	+0.3	35.5	02	23.6	+0.3	21.1	25	132.5	264.7	+ 3.2	93.2	17	13	- 1.0	4.3	2.6	..	0	21	0	0	3	0	0	0	0	0
DEHRA DUN	30.0	-0.4	33.1	01	22.0	-1.1	19.8	25	255.3	595.5	- 60.1	91.2	08	24	+ 3.6	1.5	1.1	-1.6	0	27	0	0	16	0	0	0	0	0
MANSIARI	20.8	..	23.6	02	15.0	..	12.9	23	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
ROORKEE	32.7	-0.6	37.2	01	24.2	-1.3	22.0	23	165.3	296.7	- 14.7	84.8	15	16	+ 3.7	8.2	5.7	-0.1	0	19	0	0	7	0	0	0	0	0

TABLE II – SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER – JULY 1980

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena – No. of days with: Precipitation 0.1 to 0.3 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
UTTAR PRADESH WEST (CONTD.)																												
NAJIBABAD	32.7	-0.7	36.7	02	24.0	-1.3	20.0	03	143.3	349.1	- 55.3	148.0	03	14	+ 0.3	10.6	10.2	+3.6	0	18	0	0	0	0	0	0	0	0
MEERUT	33.0	-1.3	39.8	02	23.8	-2.6	21.3	24	..	222.0	- 7.9	118.0	15	7	- 3.4	..	8.0	+0.9	0	9	0	0	0	0	0	0	0	0
BAREILLY	32.7	-1.1	38.5	03	25.8	-0.4	23.7	04	146.7	331.3	+ 12.8	54.6	06	14	+ 1.5	9.5	6.7	+0.9	1	19	0	0	4	0	0	0	0	0
ALIGARH	33.6	-1.3	41.1	03	26.0	-0.7	22.0	23	174.2	318.5	+ 87.6	83.0	16	17	+ 7.1	11.4	8.5	+0.4	2	19	0	0	3	0	0	0	0	0
MAINPURI	34.2	..	42.2	02	25.4	..	22.6	23	47.8	120.1	..	21.5	19	4	..	..	..	..	2	6	0	0	3	0	0	0	0	0
AGRA	33.5	-1.3	42.4	03	26.1	-0.9	23.0	22	56.4	232.6	+ 37.0	64.1	22	15	+ 4.6	6.9	6.0	+0.2	0	18	0	0	0	0	0	0	0	0
AGRA AERODROME	33.9	..	42.0	03	26.0	..	21.1	06	110.8	298.4	..	75.0	22	18	..	..	..	..	0	19	0	0	9	0	1	0	0	0
ORAI	33.5	-0.5	41.4	03	25.6	+0.1	23.0	24	109.0	331.4	+ 32.1	76.2	08	16	+ 2.7	7.2	6.5	+3.7	0	16	0	0	0	0	0	0	0	0
JHANSI	33.6	+0.1	43.1	04	24.6	-1.3	20.5	23	128.5	563.7	+257.6	280.3	09	14	+ 0.3	6.1	6.2	+0.7	0	15	0	0	0	0	0	0	0	0
MORADABAD	31.9	..	35.6	22	25.1	..	23.4	22	148.5	231.5	..	95.4	21	11	..	5.1	4.6	..	0	14	0	0	0	0	0	0	0	0
UTTAR KASHI	31.7	..	34.9	02	19.3	..	17.4	25	71.4	307.1	..	60.6	04	19	..	..	..	..	0	22	..	..	..	..	..	..	..	..
HARYANA (INCLUDING DELHI AND CHANDIGARH)																												
CHANDIGARH	33.2	-0.6	38.2	04	23.8	-0.6	19.7	24	118.1	332.2	+ 55.7	64.6	09	14	+ 3.4	..	..	..	0	17	0	0	0	0	0	0	0	0
AMBALA	33.0	-2.2	39.5	02	25.2	-0.8	21.2	24	198.0	557.7	+309.5	100.2	21	18	+ 7.2	9.5	6.3	-0.8	0	19	0	0	0	0	0	0	0	0
AMBALA AERODROME	33.1	..	38.7	02	25.2	..	21.7	24	123.4	403.7	..	90.7	21	15	..	..	..	..	0	18	0	0	11	0	0	0	0	0
KARNAL	33.1	-1.8	39.3	02	24.6	-1.1	21.1	25	196.9	548.5	+355.6	242.0	15	12	+ 3.2	5.0	5.2	..	0	13	0	0	0	0	0	0	0	0
HISSAR	35.9	-1.4	43.9	03	26.6	-0.7	21.0	23	63.8	125.4	+ 17.7	27.4	23	10	+ 4.2	9.9	9.1	-0.5	0	14	0	0	10	0	0	0	0	0
NEW DELHI/SAFDARJUNG	34.1	+1.2	41.4	03	26.4	-0.8	21.0	23	249.0	302.0	+115.8	103.8	22	9	0.0	11.5	8.9	-1.4	2	14	0	0	7	0	1	0	0	0
PALAM AERODROME	34.1	..	41.0	03	25.6	..	21.0	23	148.4	218.5	..	80.6	15	8	..	..	..	..	1	13	0	0	8	0	1	0	0	0
GURGAON	33.9	..	42.3	03	25.3	..	21.6	24	54.8	474.1	..	282.2	14	9	..	..	..	..	0	16	0	0	0	0	0	0	0	0
NARNAUL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..
ROHTAK	33.9	..	41.4	03	24.8	..	19.4	23	172.1	399.5	..	132.2	23	13	..	12.6	10.1	..	0	14	0	0	1	0	0	0	0	0
PUNJAB																												
PATHANKOT	33.3	-0.8	40.3	03	25.2	+0.2	21.3	24	108.0	284.1	-159.8	67.0	22	12	- 1.6	..	..	..	0	15	0	0	13	0	0	0	0	0
AMRITSAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..
ADAMPUR AERODROME	34.4	..	41.6	03	25.0	..	21.2	22	220.1	523.2	..	130.0	29	11	..	..	..	..	0	14	0	0	16	0	1	0	0	0
LUDHIANA	34.8	-1.2	43.0	03	26.2	-0.6	21.4	24	101.8	208.6	+12.8	71.8	29	9	+ 0.3	5.7	4.4	+0.2	0	12	0	0	6	0	0	0	0	0
FEROZEPUR	35.9	-0.7	44.6	04	25.0	-1.6	21.0	21	166.7	250.5	+100.6	71.6	21	7	+ 0.8	3.5	3.2	+0.4	0	7	0	0	1	0	0	0	0	0
HALWARA AERODROME	34.4	..	42.1	03	25.6	..	21.3	24	84.6	198.4	..	51.3	09	11	..	..	..	..	0	12	0	0	12	0	1	1	0	0
PATIALA	33.2	-2.0	40.1	03	25.2	-1.2	20.8	24	237.6	425.7	+245.4	53.4	21	17	+ 8.7	6.2	7.4	-0.1	0	19	0	0	6	0	0	0	0	0
BHATINDA	36.0	-2.3	44.9	04	25.3	-2.2	20.3	24	44.8	194.6	+119.8	77.0	09	8	+ 3.6	5.5	6.2	-2.5	0	8	0	0	0	0	0	0	0	0
HIMACHAL PRADESH																												
MANDI	30.5	-0.7	36.1	02	21.4	-0.6	18.3	24	224.6	426.9	-120.2	53.3	08	20	- 0.3	..	..	..	0	21	0	0	2	0	0	0	0	0
BILASPUR	31.4	-1.1	36.8	03	23.9	-0.1	21.0	23	124.5	314.5	-125.7	117.0	09	13	+11.3	4.0	3.4	-1.3	0	14	0	0	7	0	0	0	0	0
JAMMU AND KASHMIR																												
MISGAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..
GILGIT	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..
SKARDU	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..
DRAS	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..
SONAMARG	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..
LEH	25.7	+1.0	30.8	28	8.8	-1.4	3.9	24	..	..	..	..	..	..	..	4.5	4.0	-1.2	.	..	0	0	1	0	0	0	0	0
SRINAGAR	30.6	-0.2	36.2	09	18.2	-0.2	12.3	24	11.9	41.5	- 14.6	23.2	14	3	- 1.8	4.4	4.0	0.0	2	8	0	0	7	0	0	0	0	0
SRINAGAR AERODROME	29.2	..	34.5	08	18.4	..	12.8	24	25.7	70.2	..	14.2	10	6	..	..	..	..	0	11	0	0	16	0	0	0	0	0
GULMARG	21.9	+0.5	27.9	03	9.8	-0.7	6.7	01	49.1	71.6	- 28.7	18.6	24	7	- 2.1	8.7	4.8	-0.5	1	13	0	0	6	0	0	0	0	0
QAZIGUND	27.9	..	32.7	09	18.6	..	13.6	24	42.6	81.5	..	18.2	24	7	..	..	..	..	0	10	0	0	15	0	0	0	0	0
BANIHAL	28.5	..	33.0	02	17.7	..	11.1	24	30.7	107.0	..	24.8	09	10	..	..	..	..	0	11	0	0	11	0	0	0	0	0
JAMMU	36.7	+1.3	42.1	05	24.4	-1.6	20.9	23	34.7	373.4	+ 46.0	65.8	12	14	+ 2.2	4.0	3.7	..	0	14	0	0	6	0	0	0	0	0
JAMMU AERODROME	34.0	..	42.0	03	26.1	..	21.6	24	95.7	448.3	..	88.6	12	19	..	..	..	..	1	19	0	0	19	0	1	0	0	0
GULMARG (RESEARCH INSTITUTE)	22.3	..	27.7	08	11.4	..	6.5	24	53.7	74.1	..	19.7	24	7	..	..	..	..	1	13	0	0	6	0	1	0	0	0
RAJASTHAN, WEST																												
GANGANAGAR	38.8	0.0	46.8	04	27.9	-0.2	20.6	23	0.0	21.2	- 53.1	11.4	23	2	- 2.0	6.9	5.8	-7.5	0	3	0	0	5	0	0	0	0	0
ANUPGARH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..
CHURU	37.2	+0.5	45.5	03	26.1	-1.0	22.6	25	128.5	205.5	+ 61.1	46.0	13	10	+ 3.2	13.1	10.0	-2.5	0	13	0	0	6	0	0	0	0	0
BIKANER	39.5	+0.6	45.3	03	28.8	+0.8	24.5	09	6.7	14.7	- 77.8	4.5	22	2	- 3.2	7.6	12.6	-0.2	2	8	0	0	6	0	3	0	0	0
NAGAUR	37.2	+0.8	45.0	03	26.8	-0.6	21.9	18	51.8	181.6	+103.6	97.0	11	6	+ 1.8	13.8	11.3	-3.5	0	6	0	0	1	0	2	0	0	0
PHALODI	39.6	+2.7	45.0	04	27.3	+0.2	21.2	07	0.0	51.6	- 17.2	29.1	07	3	- 1.0	17.3	20.7	-3.4	0	3	0	0	0	0	3	0	0	0
JAISALMER	..	..	..	..	..	..	..	..	0.0	56.7	- 25.5	33.2	07	2	- 2.1	22.9	22.9	-1.9	0	2	0	0	0	0	0	0	0	0
JODHPUR	37.9	+2.2	44.4	03	27.1	+0.3	21.9	20	27.8	133.3	+ 25.1	65.0	11	6	+ 0.1	..	..	..	0	9	0	0	9	0	4	0	0	0
BARMER	..	..	..	..	..	..	..	..	1.4	27.7	- 62.0	23.6	07	2	- 3.4	7.5	6.1	-4.3	0	3	0	0	3	0	1	0	0	0
BIRINPURA (JAWAI DAM)	35.0	+2.1	41.5	03	25.6	+0.3	21.8	12	61.2	120.0	- 66.2	37.7	12	8	+ 0.3	7.5	8.9	-1.6	0	9	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — JULY 1968 (10 ASADHA - 9 SRAVANA 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation: 0.1 & 0.5 mm.	0.3 mm. or more	Haze or dust	Mist	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
RAJASTHAN, WEST (CONTD.)																												
JALORE	38.7	..	42.1	03	..	..	..	..	0.0	68.8	..	22.1	12	5	..	12.6	12.0	..	0	7	..	..	..	..	..	..	..	
RAJASTHAN, EAST																												
PILANI	36.0	-1.0	44.5	03	25.0	-2.0	21.0	14	98.4	139.2	+ 32.7	59.6	10	8	+ 3.0	14.0	11.2	-3.7	0	11	0	0	0	0	1	0	0	0
SIKAR	35.4	+0.7	43.8	02	25.1	-0.9	21.0	14	144.6	451.8	+296.3	236.0	13	8	- 0.3	0.1	0.5	-8.7	0	9	0	0	0	0	0	0	0	0
ALWAR	34.2	-0.6	43.8	04	26.0	-1.3	21.4	23	117.0	290.0	+ 36.0	46.0	23	16	+ 5.5	6.6	4.7	-0.6	2	20	0	0	5	0	0	0	0	0
JAIPUR (SANGANER)	35.1	+1.0	44.0	04	25.8	+0.2	23.8	12	104.7	236.1	+ 48.6	48.4	12	11	+ 0.8	..	..	..	0	16	0	0	13	0	1	0	0	0
DHOLPUR	33.8	-0.4	43.7	04	25.6	-1.4	21.7	23	444.9	342.8	+113.1	100.6	10	15	+ 1.8	10.3	5.7	-2.0	0	16	0	0	4	0	0	0	0	0
AJMER	34.6	+1.4	43.2	03	26.0	+0.4	21.8	11	168.0	400.4	+241.4	102.0	07	13	+ 4.2	..	..	..	1	15	0	0	6	0	1	0	0	0
TONK	35.8	+0.3	44.2	05	27.4	+0.7	24.0	11	89.1	250.0	+ 79.8	94.8	12	14	+ 4.6	13.1	10.5	0.0	1	16	0	0	5	0	0	0	0	0
BHILWARA	34.4	..	42.5	03	26.3	..	23.0	11	47.2	174.0	..	60.1	22	7	..	12.4	12.0	..	0	12	0	0	4	0	1	0	0	0
KOTA	34.9	+1.6	43.0	04	25.0	-1.4	22.4	07	124.8	305.9	+ 34.4	49.6	13	14	+ 2.3	12.1	10.6	+2.4	1	17	0	0	2	0	0	0	0	0
KOTA AERODROME	34.6	..	43.2	03	26.3	..	24.4	10	108.6	286.2	..	58.2	13	17	..	16.9	16.7	..	1	19	0	0	12	0	0	0	0	0
CHAMBAL (RAWAT BHATTA DAM)	34.0	+1.4	42.1	03	25.2	+0.8	22.5	07	169.7	252.6	-146.0	67.7	07	11	- 1.4	14.0	11.0	+2.1	4	12	0	0	10	0	0	0	0	0
UDAIPUR	32.4	+1.7	40.0	03	23.8	-0.1	22.1	10	70.4	267.4	+ 53.3	100.8	31	13	+ 2.4	6.7	5.1	-1.2	0	13	0	0	10	0	0	0	0	0
JHALAWAR	34.1	+1.8	42.8	04	24.4	-0.5	22.7	07	52.6	121.4	-257.3	21.6	30	11	- 3.1	14.1	11.7	+2.1	0	14	0	0	4	0	0	0	0	0
BANSWARA	32.6	..	41.0	02	25.1	..	23.3	11	181.6	441.6	..	127.6	31	10	..	..	..	..	0	11	..	..	..	..	..	..	..	..
DUNGARPUR	32.8	..	40.4	02	..	..	..	..	155.1	487.0	..	158.8	31	13	..	12.6	10.6	..	0	15	0	0	0	0	0	0	0	0
MADHYA PRADESH, WEST																												
GWALIOR	33.2	-0.9	43.5	04	25.8	-0.8	22.0	23	185.3	558.2	+264.2	111.0	09	15	0.0	11.5	9.1	+1.3	0	23	0	0	15	0	0	0	0	0
SHEOPUR	33.9	+0.1	44.1	04	25.9	0.0	22.7	18	408.6	867.3	+561.8	280.8	11	11	- 1.6	11.6	10.2	+1.9	2	15	0	0	6	0	0	0	0	0
SHIVPURI	31.6	..	40.6	04	22.4	..	18.8	23	271.2	768.9	..	244.0	09	17	..	12.1	9.9	..	0	22	0	0	0	0	0	0	0	0
NOWGONG	32.7	-0.2	41.3	04	24.7	-0.7	22.4	23	162.0	432.6	+ 78.8	88.6	07	20	+ 6.1	8.8	6.6	-0.5	0	21	0	0	4	0	0	0	0	0
GUNA	31.9	+0.8	41.6	03	23.8	-0.2	20.1	09	150.0	400.9	+ 16.1	91.9	08	17	+ 0.9	15.2	12.6	+0.6	0	24	0	0	10	0	0	0	0	0
NIMACH	32.1	+1.2	40.1	03	24.0	+0.2	22.2	07	158.3	481.3	+213.8	136.2	11	15	+ 3.8	18.3	16.5	+2.0	1	17	0	0	10	0	0	0	0	0
RAJGARH	32.5	+0.4	42.1	04	24.4	+0.1	22.4	01	173.1	380.1	- 37.9	59.2	10	15	+ 0.3	18.5	14.2	+0.8	0	20	0	0	5	0	0	0	0	0
SAGAR	30.9	+1.2	38.5	05	21.4	-1.5	19.3	27	174.5	504.5	+163.7	163.9	07	19	+ 2.3	10.6	13.2	+2.7	0	19	0	0	2	0	0	0	0	0
RATLAM	31.6	+1.4	40.6	01	23.3	-0.1	20.1	11	127.5	419.4	+ 69.8	111.4	31	12	- 2.7	16.1	14.6	+3.1	1	14	0	0	1	0	0	0	0	0
BHOPAL (BAIRAGARH)	31.1	+1.2	39.4	01	23.0	-0.2	21.4	18	231.3	511.8	+ 21.1	97.7	31	19	+ 2.5	21.7	18.2	+5.0	0	22	0	0	8	0	0	0	0	0
UJJAIN	30.5	..	39.3	01	23.3	..	21.3	12	87.2	347.8	..	108.5	31	17	..	23.7	19.0	..	0	19	0	0	5	0	0	0	0	0
NARSINGHPUR	31.3	..	38.6	05	23.7	..	22.4	30	145.0	296.8	..	63.0	07	17	..	9.6	6.2	..	0	21	0	0	5	0	0	0	0	0
HOSHANGABAD	31.8	+1.6	41.3	01	23.3	-0.7	20.6	06	203.0	484.7	+ 45.5	126.0	30	14	- 2.3	8.6	7.3	+1.2	0	20	0	0	5	0	0	0	0	0
INDORE	29.9	+0.4	39.8	01	22.5	-0.1	21.6	03	166.1	422.7	+122.5	71.6	31	15	+ 1.2	28.8	23.6	-2.6	0	21	0	0	8	0	0	0	2	0
RAJPUR (JHABUA)	31.1	+0.5	38.0	02	23.6	-0.3	22.0	21	117.0	243.8	- 88.9	48.8	24	17	+ 2.4	17.6	15.0	+1.8	1	18	0	0	4	0	0	0	0	0
CHHINDWARA	29.3	+0.9	37.0	02	22.8	+0.4	21.5	19	124.5	296.9	- 26.5	60.8	30	17	- 0.1	..	..	..	0	20	0	0	2	0	0	0	0	0
SEONI	29.9	+1.2	36.9	03	22.8	+0.4	20.0	30	182.0	572.0	+152.1	147.0	30	15	- 3.3	10.5	8.1	+0.5	0	20	0	0	2	0	0	0	0	0
BETUL	28.9	+0.8	37.7	01	22.3	0.0	19.6	03	146.5	362.8	+ 24.3	61.7	30	19	+ 1.7	9.4	7.6	-0.7	0	23	0	0	4	0	0	0	0	0
KHANDWA	33.5	+2.6	40.8	04	23.4	-0.4	21.0	01	114.3	296.7	+ 29.2	61.0	30	12	- 0.7	19.1	14.3	+0.3	1	16	0	0	3	0	0	0	0	0
TIKAMGARH	33.0	..	40.0	04	24.7	..	22.6	23	124.4	350.5	..	52.2	04	18	..	11.4	9.5	..	0	22	0	0	5	0	0	0	0	0
MADHYA PRADESH, EAST																												
SATNA	32.5	+0.6	38.6	04	25.2	+0.1	23.4	27	94.2	186.3	-170.6	37.2	06	11	- 4.8	10.0	7.4	-0.2	1	17	0	0	3	0	0	0	0	0
REWA	32.6	..	39.0	04	23.9	..	21.5	26	182.8	267.5	..	60.4	07	11	..	7.8	5.5	..	1	17	0	0	0	0	0	0	0	0
SIDHI	32.9	-0.3	37.8	04	22.6	-2.6	17.0	22	77.6	235.6	- 85.3	57.0	05	11	- 3.4	7.3	4.8	-2.8	0	11	0	0	0	0	0	0	0	0
UMARIA	31.3	+0.7	37.1	04	24.1	+0.1	22.6	22	74.1	329.7	- 83.2	94.3	17	17	- 1.3	9.1	6.8	+0.6	0	20	0	0	4	0	0	0	0	0
JABALPUR	31.7	+1.4	38.5	03	24.4	+0.5	22.6	23	138.9	339.1	-150.3	49.8	23	19	+ 0.9	10.4	5.9	-2.3	2	20	0	0	7	0	0	0	0	0
AMBIKAPUR	29.9	+0.4	34.2	02	22.8	-0.4	21.6	24	133.8	306.8	-128.0	42.6	20	22	+ 4.3	11.3	8.6	-0.7	0	25	0	0	3	0	0	0	0	0
JASHPURNAGAR	28.0	..	32.2	01	21.8	..	20.7	10	130.8	411.8	..	39.2	05	22	..	9.2	6.7	..	0	26	0	0	0	0	0	0	0	0
PENDRA	29.0	+0.3	33.9	01	22.9	+0.1	21.7	30	224.1	424.6	+ 58.1	85.9	29	25	+ 6.6	11.1	8.9	+0.9	0	27	0	0	18	0	0	0	0	0
MANDLA	30.2	+0.1	36.4	03	23.1	-0.2	21.6	23	195.8	495.2	- 1.2	68.8	30	21	+ 0.5	7.3	4.7	+0.8	1	26	0	0	7	0	0	0	0	0
CHAMPA	31.7	+0.3	36.3	01	24.1	-0.8	22.6	30	38.6	268.6	-145.4	68.4	17	13	- 5.8	10.4	7.4	-0.9	0	24	0	0	8	0	0	0	0	0
RAIGARH	32.3	+0.8	36.0	03	24.7	-0.3	19.8	29	81.2	329.9	-145.3	57.4	06	16	- 2.6	9.1	6.6	-0.4	0	19	0	0	6	0	0	0	0	0
RAIPUR	31.0	+0.7	36.4	03	23.9	-0.2	22.3	25	88.8	362.3	- 8.5	104.7	29	18	+ 2.1	13.6	11.0	+0.8	1	23	0	0	9	0	0	0	0	0
KANKER	30.4	+1.3	35.0	01	24.5	+0.9	22.0	17	91.2	281.2	- 86.9	76.8	18	9	- 8.1	12.1	10.6	+0.6	2	11	0	0	4	0	0	0	0	0
JAGDALPUR	29.2	+1.1	32.7	16	22.5	+0.3	21.2	17	154.9	351.0	- 33.6	54.2	27	20	+ 0.7	..	..	..	0	25	0	0	12	0	0	0	0	0
GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																												
DEESA	35.9	+2.5	41.1	03	24.9	-0.6	23.1	31	43.8	191.4	- 53.2	86.2	09	5	- 5.1	13.4	12.7	..	0	5	0	0	0	0	0	0	0	0
RADHANPUR	36.0	+1.8	41.4	03	26.8	+2.4	21.7	30	14.0	69.0	-135.9	32.0	08	4	- 4.2	12.4	13.3	+1.2	0	4	0	0	0	0	0	0	0	0
IDAR	33.9	+2.2	40.8	03	25.1	+0.7	21.6	08	147.6	254.0	-225.1	82.8	31	8	- 5.6	11.0	7.9	-0.9	0	9	0	0	3	0	0	0	0	0
AHMADABAD	35.5	+2.3	41.0	02	26.4	+0.7	24.6	03	155.9	282.9	-141.3	87.1	09	7	- 6.4	9.2	8.9	-1.9	0	10	0	0	7	0	0	0	2	0
DOHAD	31.3	+0.9	39.2	02	23.8	-0.2	21.5	11	132.8	331.2	+ 68.2	90.0	11	11	- 1.7	26.5	26.1	-3.0	0	15	0	0	6	0	0	0	0	0
VALLABH VIDYANAGAR	34.1	..	40.3	02	26.0	..	23.8	03	109.4	231.0	..	73.4	03	9	..	10.2	10.5	..	0	11	0	0	4	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - JULY 1968 (10 ASADHA - 9 SRAVANA 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena - No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
GUJARAT REGION (INCLUDING DAMAN DADRA AND NAGAR HAVELI)																												
BARODA AERODROME	33.2	+1.1	39.6	02	25.8	+0.2	23.1	03	97.2	201.4	-142.2	63.0	03	9	- 5.2	14.1	14.2	+1.2	0	12	0	0	6	0	1	0	1	0
BARODA	33.8	+1.4	40.3	02	26.1	+0.7	22.6	22	86.3	317.8	- 51.3	121.1	31	9	- 6.9	10.4	9.7	+1.4	0	14	0	0	3	0	0	0	0	0
BROACH	..	..	..	..	..	..	..	..	..	0.0	-332.8	0.0	..	0	-14.6	7.5	5.5	-5.7	0	0	0	0	0	0	0	0	0	0
SURAT	31.6	+1.1	36.0	01	25.5	-0.2	20.9	14	274.6	558.2	+116.2	141.2	08	14	- 2.5	16.4	12.9	+1.1	0	18	0	0	0	0	0	0	0	0
SAURASHTRA AND KUTCH (INCLUDING DIU)																												
NALIYA	32.8	+1.0	35.4	02	26.8	+0.7	24.4	05	0.0	11.0	-294.1	11.0	05	1	- 7.8	26.1	22.0	+0.1	0	1	0	0	2	0	0	0	0	0
BHUJ (RUDRAMATA)	35.7	+2.7	39.8	03	27.0	+0.7	24.6	05	9.7	26.5	-123.9	20.7	05	2	- 3.6	25.3	21.9	+1.9	1	3	0	0	0	0	0	0	0	0
KANDLA AERODROME	36.6	..	40.6	03	27.1	..	25.1	31	19.2	50.8	..	48.4	31	1	..	34.4	31.8	..	0	3	0	0	3	0	1	0	0	0
NEW KANDLA	34.4	+1.8	37.5	02	27.1	+0.5	24.5	05	16.0	46.0	-137.4	15.4	04	4	- 4.0	33.1	29.8	+2.2	0	5	0	0	2	0	0	0	0	0
MANDVI	32.3	+1.2	33.5	05	27.1	+0.2	25.2	05	..	6.7	-205.3	4.5	05	1	- 8.2	.	33.0	-3.3	0	2	0	0	0	0	0	0	0	0
SURENDRANAGAR	36.8	+2.7	40.5	02	27.0	+1.1	25.4	03	..	60.1	-118.6	49.2	31	3	- 4.9	.	18.6	-1.7	0	5	0	0	1	0	1	0	0	0
OKHA	31.9	..	32.9	04	27.0	..	25.9	29	7.6	9.0	..	4.1	05	1	..	28.5	26.5	..	0	7	0	0	1	0	0	0	0	0
JAMNAGAR AERODROME	34.5	+2.2	37.0	15	26.4	+0.2	24.4	05	83.7	93.5	-132.3	38.5	06	5	- 3.1	..	..	..	1	8	0	0	2	0	0	0	0	0
DWARKA	31.5	+1.3	33.2	03	27.8	+0.9	26.3	05	12.8	8.6	-178.3	8.0	04	1	- 5.3	24.2	24.7	-2.4	1	2	0	0	0	0	0	0	0	0
RAJKOT	35.1	+2.5	39.4	02	25.4	+0.5	24.0	28	97.2	176.0	-196.1	71.4	31	7	- 5.7	32.4	29.0	+0.7	1	12	0	0	3	0	0	0	0	0
BHAVNAGAR AERODROME	34.3	+1.1	38.9	02	26.1	+0.1	23.8	25	82.6	171.7	- 58.0	68.4	31	10	- 1.0	28.0	24.3	+9.6	0	12	0	0	3	0	0	0	0	0
PORBANDER AERODROME	31.7	+1.6	34.0	04	27.2	+0.7	25.5	05	83.0	102.1	-277.3	76.0	05	3	- 8.4	23.6	19.8	..	3	12	0	0	3	0	0	0	0	0
KESHOD	32.2	+1.3	37.1	03	25.6	+0.4	23.6	04	102.0	327.8	-190.5	191.4	04	9	- 4.6	33.3	25.2	-2.0	2	15	0	0	2	0	0	0	0	0
MAHUVA	31.9	..	34.4	02	25.5	..	23.5	03	125.4	160.7	+106.2	25.4	05	14	+ 2.2	18.5	15.3	..	0	18	6	3	3	3	0	0	0	0
VERAVAL	30.8	+1.3	32.3	01	26.3	+0.1	23.9	05	79.9	342.5	+122.5	121.6	04	6	- 3.7	31.8	31.5	+2.9	2	15	0	0	2	0	0	0	0	0
DIU	30.6	..	33.0	03	26.4	..	23.4	04	66.4	277.5	..	163.0	04	9	..	25.3	22.0	..	0	13	0	0	0	0	0	0	0	0
KONKAN (INCLUDING GOA)																												
DAHANU	30.1	+0.4	32.9	08	25.8	+0.7	23.2	21	..	533.8	-353.1	132.2	31	15	- 8.5	25.5	22.6	-2.7	0	19	0	0	0	0	0	0	0	0
BOMBAY (SANTACRUZ)	30.2	+0.6	32.6	02	24.8	0.0	23.2	20	293.9	793.9	-153.5	87.2	24	23	- 1.4	21.5	18.3	-0.7	1	26	0	0	2	0	0	0	0	0
BOMBAY	30.0	+0.2	32.1	02	25.4	+0.3	22.8	21	171.0	467.5	-145.9	54.7	21	19	- 3.2	15.8	15.3	+0.5	2	27	0	0	1	0	0	0	11	0
ALIBAG	29.7	+0.5	31.3	02	25.5	+0.2	23.8	22	..	440.5	-160.2	64.0	30	20	- 3.7	.	29.3	+0.5	0	26	0	0	0	0	0	0	0	0
BHIRA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
MAHAI	28.6	+0.3	30.0	01	24.8	+0.1	23.1	22	321.6	804.5	-112.7	183.2	19	24	- 3.0	18.5	18.5	-3.6	0	26	0	0	0	0	0	0	0	0
RATNAGIRI	28.9	+0.3	30.4	14	24.3	-0.4	21.9	22	238.4	717.4	-132.5	81.5	19	25	- 1.2	..	..	..	0	29	0	0	0	0	0	0	0	0
DEVGARH	28.8	+0.3	30.4	16	23.5	-1.1	21.5	22	..	812.0	+ 20.6	97.2	22	26	- 0.1	.	28.8	0.0	0	27	0	0	0	0	0	0	0	0
VENGURLA	28.8	+0.1	30.6	17	23.8	-0.2	20.7	22	419.3	1108.0	- 39.9	118.7	19	29	+ 1.0	12.0	10.1	..	1	30	0	0	0	0	0	0	0	0
PANJIM	28.6	..	30.4	10	24.0	..	22.2	20	442.8	1334.7	..	229.0	19	27	..	24.5	22.2	..	0	31	0	0	0	0	0	0	0	0
MORMUGAO	28.1	+0.1	29.3	15	23.7	-0.3	21.3	21	427.0	1062.4	+224.7	126.6	20	25	- 1.5	24.3	23.5	+0.4	1	30	0	0	0	0	0	0	0	0
DABOLIM (NAVAL AIR STN.)	..	..	..	..	23.8	..	22.0	22	499.7	1238.1	..	127.2	20	25	..	16.4	14.5	..	1	29	0	0	0	0	0	0	0	0
MADHYA MAHARASHTRA																												
NANDURBAR	31.5	+0.6	37.6	01	24.3	+0.3	23.1	01	78.8	158.7	- 78.3	44.2	11	12	- 0.6	16.0	12.5	+1.1	0	20	0	0	0	0	0	0	0	0
JALGAON	33.5	+1.4	40.4	01	24.2	+0.2	23.0	19	80.4	171.6	- 70.4	39.8	19	11	- 3.5	21.9	16.6	+1.2	0	16	0	0	0	0	0	0	0	0
MALEGAON	31.9	+0.8	38.0	01	22.0	-1.0	19.6	20	27.1	89.9	- 25.2	57.5	20	5	- 2.7	17.7	13.9	+0.7	0	6	0	0	0	0	0	0	0	0
OZAR	29.2	..	33.6	03	21.0	..	20.1	21	31.2	93.3	..	22.5	30	10	..	27.6	20.6	..	3	16	0	0	3	0	0	0	0	0
AHMADNAGAR	30.6	+1.1	35.5	01	21.8	+0.1	19.5	04	52.1	120.9	+ 23.4	28.2	21	10	+ 3.2	15.9	11.2	-0.3	0	12	0	0	0	0	0	0	0	0
KHANDALA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
POONA AERODROME	28.4	..	32.8	01	21.1	..	20.0	21	34.7	87.9	..	18.7	07	8	..	..	..	..	2	21	0	0	2	0	0	0	0	0
POONA	28.5	+0.3	32.6	03	22.3	+0.3	21.2	01	41.9	89.2	- 79.7	16.9	11	10	- 2.9	17.0	12.4	..	3	18	0	0	0	0	0	0	0	0
JEUR	30.2	-1.1	36.0	16	22.3	+0.5	20.0	31	0.0	135.4	+ 28.0	116.1	01	3	- 4.9	22.6	16.5	-0.5	0	3	0	0	0	0	0	0	0	0
BARAMATI	30.3	+0.6	35.3	01	22.2	+0.1	21.1	31	44.0	79.6	+ 20.1	16.0	28	7	+ 1.3	20.9	14.7	-2.5	0	9	0	0	1	0	0	0	0	0
SHOLAPUR	31.0	-0.4	36.0	16	22.4	+0.1	20.1	27	21.8	91.8	- 17.4	30.6	26	9	+ 1.1	16.5	12.1	-0.9	1	14	0	0	0	0	0	0	0	0
MIRAJ	29.1	+1.2	33.0	01	21.7	+0.1	19.9	22	24.2	54.2	- 55.8	14.4	26	7	- 2.7	..	..	..	1	17	0	0	1	0	0	0	0	0
KOLHAPUR	27.0	+0.7	31.1	02	21.4	+0.2	20.1	21	64.9	182.7	-170.6	24.4	07	17	- 1.7	22.1	17.6	-0.8	0	27	0	0	0	0	0	0	0	0
NASIK	29.1	..	33.8	03	25.6	..	21.6	27	..	192.4	..	37.0	03	14	..	..	..	..	0	21	0	0	0	0	0	0	0	0
SANGLI	29.0	..	35.8	16	21.5	..	20.1	22	24.8	52.8	..	11.2	26	8	..	25.8	18.2	..	0	18	0	0	0	0	0	0	0	0
MARATHWADA																												
AURANGABAD	30.6	+1.1	37.0	01	21.9	+0.1	20.6	14	66.5	205.6	+ 32.1	81.6	20	11	- 0.7	21.9	17.3	-1.5	0	15	0	0	0	0	0	0	0	0
AURANGABAD (CHIKALTHANA)	31.0	+0.9	37.1	01	20.7	-1.1	19.2	14	37.6	179.8	+ 3.8	55.1	20	10	- 2.3	17.3	11.8	-6.5	0	16	0	0	2	0	0	0	0	0
PARBHANI	32.2	+0.4	37.6	02	22.7	-0.1	21.6	31	41.0	280.4	+ 88.6	49.8	20	15	+ 3.1	14.0	11.4	-2.6	0	15	0	0	6	0	0	0	0	0
NANDER	31.5	..	37.0	01	22.8	..	21.0	27	74.8	324.7	..	45.8	20	18	..	12.6	9.5	..	0	22	0	0	0	0	0	0	0	0
BIR	32.1	..	37.0	15	22.4	..	20.1	27	23.5	135.9	..	84.2	26	8	..	14.5	11.4	..	0	11	0	0	1	0	0	0	0	0
VIDARBHA																												
GONDIA	31.1	+0.6	37.8	03	24.3	0.0	22.8	11	135.4	600.0	+170.4	187.0	30	19	+ 1.1	4.9	3.6	-2.5	1	21	0	0	2	0	0	0	0	0
NAGPUR (SONEGAON)	32.2	+1.0	37.7	03	24.1	+0.1	22.4	29	76.7	274.9	-101.3	59.3	05	14	- 2.3	17.5	13.0	..	3	18	0	0	8	0	0	0	4	0
AMRAOTI	32.1	+1.8	38.7	01	23.9	+0.5	22.2	30	55.8	227.6	- 20.6	31.4	23	15	+ 1.8	17.5	13.4	-3.1	0	18	0	0	4	0	0	0	0	0

TABLE II – SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER – JULY 1968 (10 ASADHA – 9 SRAVANA 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No. of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena – No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
VIDARBHA (CONTD)																												
AKOLA AERODROME	32.9	..	39.2	01	22.8	..	20.7	01	29.5	141.8	..	39.8	01	13	..	16.8	13.2	..	1	19	0	0	6	0	0	0	0	0
AKOLA	32.8	+1.4	38.8	01	23.9	0.0	20.7	01	51.4	145.8	- 91.7	40.4	01	12	- 0.6	15.8	12.2	-0.9	0	19	0	0	0	0	0	0	0	0
BRAMHAPURI	31.7	+1.3	38.0	01	21.6	-2.2	19.9	30	65.0	458.6	-131.7	68.2	17	16	- 3.1	11.2	8.6	-0.3	0	19	0	0	1	0	0	0	0	0
BULDANA	29.6	+0.9	35.9	01	20.2	-1.7	19.0	30	91.1	338.5	+114.3	106.3	01	12	- 1.1	13.7	13.1	-0.9	0	17	0	0	0	0	0	0	0	0
YEOTMAL	31.4	+1.2	38.2	01	22.9	+0.1	20.9	30	96.8	254.4	- 56.4	50.6	29	14	- 2.7	21.3	17.3	+0.2	1	19	0	0	6	1	0	0	0	0
CHANDRAPUR	32.7	+1.3	38.5	01	25.2	+0.9	23.1	30	117.2	319.7	- 73.2	70.0	29	18	+ 0.9	16.4	10.2	+0.4	1	21	0	0	7	0	0	0	0	0
PUSAD	32.5	..	38.4	01	..	..	..	..	118.8	260.7	..	47.4	03	13	..	16.1	11.5	..	0	15	0	0	4	0	0	0	0	0
SIRONCHA	32.8	+1.3	37.2	16	25.6	+0.7	23.1	02	43.6	347.8	- 71.2	75.0	26	18	- 0.4	8.0	5.4	-0.3	0	20	0	0	0	0	0	0	0	0
WARDHA	32.3	..	39.6	01	22.9	..	21.0	30	96.4	246.8	..	38.0	29	17	..	13.2	9.9	..	0	22	0	0	4	0	0	0	0	0
BHANDARA	31.7	..	38.0	03	22.6	..	21.0	07	115.7	406.6	..	88.0	18	15	..	12.3	7.5	..	0	20	..	..	..	..	..	..	..	.
COASTAL ANDHRA PRADESH																												
KALINGAPATAM	32.1	+0.5	35.6	14	25.8	-0.1	23.4	24	67.4	158.1	+ 20.4	36.6	24	10	+ 1.3	15.5	13.5	-0.5	0	14	0	0	2	0	0	0	0	0
VISHAKHAPATNAM	33.8	+2.1	38.6	13	26.3	+0.3	24.0	15	54.7	115.0	+ 3.0	30.2	25	11	+ 2.6	19.6	15.1	-1.4	0	15	0	0	6	0	0	0	3	0
KAKINADA	33.1	+1.3	36.8	16	26.4	+1.0	23.7	04	12.6	79.4	-111.3	37.2	04	8	- 4.1	14.6	10.2	-2.1	0	10	0	0	0	0	0	0	0	0
NIDADAVOLE	32.8	+1.8	37.0	16	25.9	+1.0	24.0	04	35.8	171.0	-106.3	24.4	05	10	- 6.0	17.7	14.0	+0.6	0	14	0	0	0	0	0	0	0	0
RENTACHINTALA	34.9	+0.8	39.6	16	26.2	+0.9	23.6	27	33.0	91.0	- 16.9	29.0	26	4	- 4.3	12.1	14.5	+1.2	0	4	0	0	0	0	0	0	0	0
GANNAVARAM	33.2	+0.6	37.6	16	25.9	+0.6	23.4	19	79.5	234.5	- 23.8	94.0	01	13	- 1.1	20.0	14.9	-1.3	1	15	0	0	5	0	0	0	0	0
MASULIPATAM	33.4	+0.8	37.6	16	25.2	-0.5	22.4	01	18.5	156.2	- 20.8	84.5	03	5	- 6.4	6.4	4.9	-7.9	0	12	0	0	1	0	0	0	0	0
ONGOLE	35.8	+1.7	39.5	16	..	..	..	..	0.0	24.4	- 79.2	12.4	25	4	- 3.9	16.3	12.6	+1.9	0	4	0	0	0	0	0	0	0	0
NELLORE	36.3	+0.7	39.3	16	27.2	+0.5	23.4	27	4.3	60.6	- 10.0	15.5	25	7	+ 1.5	..	..	..	1	9	0	0	0	0	0	0	0	0
VISHAKHAPATNAM (SOLAR)	31.4	..	36.5	14	25.3	..	23.1	20	..	116.7	..	28.6	21	12	..	.	8.8	..	1	14	0	0	4	0	0	0	0	0
TELANGANA																												
RAMGUNDAM	33.3	+1.2	38.6	01	24.9	+0.2	22.2	27	84.6	273.0	- 21.8	50.4	28	16	- 0.4	10.1	7.9	+0.7	0	24	0	0	2	0	0	0	0	0
NIZAMABAD	32.2	+1.7	37.4	05	23.7	+0.5	21.4	26	34.0	186.6	- 72.7	37.8	26	16	+ 0.4	14.4	11.8	+3.2	1	20	0	0	2	0	0	0	0	0
MANAMKONDA	31.3	+0.1	35.1	16	24.7	+0.3	22.3	26	37.8	196.0	- 31.6	49.0	26	10	- 3.6	13.1	11.7	-0.7	0	14	0	0	1	0	0	0	0	0
HAKIMPET AERODROME	31.7	..	36.0	14	22.1	..	20.0	26	40.4	107.1	..	25.6	28	9	..	..	..	..	0	12	0	0	0	0	0	0	0	0
BHADRACHALLAM	33.2	+1.3	38.0	16	25.8	+0.9	23.0	18	85.6	209.4	- 29.7	50.0	28	11	- 2.8	8.2	6.5	-2.2	0	15	0	0	0	0	0	0	0	0
HYDERABAD (BEGAMPET)	31.4	+1.6	35.9	16	21.2	-1.1	18.6	26	38.3	130.5	- 71.9	41.3	28	10	- 1.1	26.7	21.4	-0.7	1	14	0	0	0	0	0	0	6	0
KHAMMAM	33.1	+0.5	38.0	14	25.4	+0.5	22.7	26	67.7	230.9	- 26.9	37.4	04	13	- 0.7	12.7	9.6	-0.1	0	14	0	0	0	0	0	0	0	0
MAHBUBNAGAR	31.1	+1.2	35.0	16	22.9	+0.4	21.1	29	35.0	228.1	- 21.0	62.0	25	12	- 3.3	14.4	12.7	-1.8	0	20	0	0	0	0	0	0	0	0
RAYALASEEMA																												
KURNOOL	33.8	+1.3	37.6	18	24.1	+0.3	22.1	27	32.1	71.8	- 34.1	23.1	27	7	- 2.0	28.3	22.0	+0.7	1	12	0	0	0	0	0	0	0	0
NANDYL	34.1	..	37.4	16	24.2	..	22.5	26	17.0	83.3	..	20.6	02	8	..	19.9	13.8	..	0	14	0	0	0	0	0	0	0	0
ANANTAPUR	33.6	+1.2	36.5	16	24.3	+0.6	22.3	27	9.5	25.7	- 26.4	7.2	26	5	+ 1.3	24.1	19.6	+0.7	1	9	0	0	0	0	0	0	0	0
CUDDAPAH	32.9	-1.6	38.1	16	25.7	+0.1	23.1	28	19.2	110.6	+ 3.7	14.2	16	9	+ 2.1	8.4	6.5	-3.9	0	9	0	0	0	0	0	0	0	0
AROGYAVARAM	30.8	+0.8	33.4	16	21.4	-0.3	20.0	21	6.5	73.5	- 13.5	17.2	21	8	+ 1.5	18.8	15.6	+1.8	0	9	0	0	0	0	0	0	0	0
MADRAS STATE (INCLUDING PONDICHERRY)																												
MADRAS	35.9	+1.5	38.1	13	26.8	+1.0	23.8	27	4.6	35.8	- 68.0	14.6	27	3	- 4.7	15.1	11.2	+3.0	1	12	0	0	0	0	0	0	0	0
MADRAS (MINAMBAKKAM)	36.5	+1.3	38.5	13	26.8	+0.5	24.0	27	2.6	40.6	- 46.0	10.5	27	6	- 0.7	17.9	13.8	-0.8	2	10	0	0	0	0	0	0	5	0
VELLORE	34.9	+0.6	38.0	16	25.5	0.0	23.2	28	9.8	44.0	- 64.2	18.2	18	6	- 0.1	11.1	13.0	+3.1	0	9	0	0	0	0	0	0	0	0
TAMBARAM AERODROME	37.7	..	40.6	16	26.3	..	23.3	27	27.4	71.8	..	24.1	27	6	..	..	..	..	0	12	0	0	2	0	0	0	0	0
TIRUPPATTUR	34.7	+1.8	36.3	12	23.3	+0.3	20.5	03	0.0	31.2	- 82.5	17.5	17	2	- 3.0	12.1	9.5	+1.1	0	2	0	0	0	0	0	0	0	0
METTUR DAM R.S.	33.8	..	35.7	31	24.3	..	22.3	19	24.8	25.6	..	9.4	28	3	..	8.4	8.5	..	0	4	0	0	0	0	0	0	0	0
CUDDALORE	36.6	+1.2	38.9	16	26.2	+0.1	24.4	18	4.7	40.4	- 25.9	7.9	26	6	+ 0.8	13.6	10.6	+0.2	2	11	0	0	2	0	0	0	0	0
KALLAKURICHCHI	35.6	+0.6	38.4	13	..	..	..	..	50.0	56.0	- 38.3	23.6	21	4	- 1.6	13.5	11.6	..	0	5	0	0	1	0	0	0	0	0
SALEM	34.4	+1.0	35.8	27	24.0	+0.4	23.0	19	22.7	33.0	- 64.3	10.7	21	5	- 2.1	8.3	7.3	-1.7	0	6	0	0	1	0	0	0	0	0
COIMBATORE (PILAMEDU)	30.1	+0.1	33.0	01	21.5	-0.2	20.0	19	2.9	22.7	- 17.8	6.8	01	2	- 1.7	37.4	31.6	+0.6	2	12	0	0	0	0	0	0	0	0
COIMBATORE	29.3	+0.3	31.7	12	21.8	-0.2	20.6	19	..	40.7	- 6.3	10.6	01	6	+ 1.0	.	15.9	-0.4	0	10	0	0	0	0	0	0	0	0
NAGAPATTINAM	36.4	+1.1	39.0	12	26.9	+0.6	24.9	05	0.3	1.9	- 37.2	1.4	06	0	- 2.8	16.4	13.5	+2.2	1	2	0	0	1	0	0	0	0	0
TIRUCHCHIRAPPALLI	36.3	+0.8	37.8	05	26.1	+0.2	21.8	20	8.0	9.6	- 26.5	7.6	20	1	- 1.4	23.5	19.0	-2.4	0	3	0	0	0	0	0	0	0	0
VEDARANNIYAM	33.7	..	38.0	02	25.5	..	23.2	05	0.0	14.8	..	7.4	04	2	..	12.7	8.1	..	0	3	0	0	0	0	0	0	0	0
ATIRAMPATTINAM	33.5	..	37.0	25	26.0	..	24.6	31	1.2	27.6	..	18.8	05	2	..	18.7	12.1	..	0	5	0	0	0	0	0	0	0	0
MADURAI	36.3	+0.6	38.3	06	24.4	-1.3	22.1	21	..	1.6	- 42.1	1.6	21	0	- 2.8	.	30.7	+1.4	0	1	0	0	0	0	0	0	0	0
MADURAI AERODROME	35.2	+0.3	37.5	24	25.4	0.0	23.3	21	0.9	1.6	- 55.1	0.5	22	0	- 3.2	24.4	19.2	+3.0	1	3	0	0	0	0	0	0	0	0
TONDI	33.8	+0.7	38.4	31	25.0	-0.8	23.5	25	0.3	1.1	- 39.0	0.8	01	0	- 2.4	19.3	13.5	-1.4	0	2	0	0	1	0	0	0	0	0
PAMBAN	30.9	-0.6	31.9	11	25.4	-1.1	24.5	31	0.0	0.0	- 10.9	0.0	..	0	- 0.8	22.3	21.8	+5.2	0	0	0	0	0	0	0	0	0	0
TUTICORIN	34.5	+0.1	36.8	23	25.2	-1.3	23.4	18	0.0	0.0	- 10.4	0.0	..	0	- 0.8	27.8	20.1	+0.4	0	0	0	0	0	0	0	0	0	0
PALAYANKOTTAI	34.3	-0.1	36.6	13	..	..	..	..	0.0	0.0	- 7.9	0.0	..	0	- 0.6	20.3	15.3	-2.2	0	0	0	0	0	0	0	0	0	0
KANNIYAKUMARI	28.7	..	31.4	10	23.1	..	21.8	01	17.2	39.1	..	4.7	27	7	..	21.0	18.0	..	1	16	0	0	0	0	0	0	0	0
PONDICHERRY	35.4	..	38.0	07	25.7	..	23.6	21	4.3	70.0	..	26.4	21	5	..	15.6	12.5	..	0	7	0	0	2	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — JULY ,1968 (10 ASADHA - 9 SRAVANA,1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No. of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 to 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Duststorm	Gale	Squall	Tornado
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
MADRAS STATE(INCLUDING PONDICHERRY																												
PORTNOVO	36.6	..	38.8	16	24.2	..	22.4	17	..	18.8	..	7.8	17	2	..	.	13.1	..	0	5	0	0	7	0	0	0	0	0
TUTICORIN H.P.	34.6	..	36.8	24	26.4	..	24.4	18	0.8	0.8	..	0.8	09	0	..	27.5	23.0	..	0	1	0	0	0	0	0	0	0	0
COASTAL MYSORE																												
KARWAR	28.3	+0.3	29.4	09	24.1	+0.1	22.1	21	351.1	1104.6	+ 99.2	82.0	05	26	- 1.6	10.4	9.9	..	0	30	0	0	0	0	0	0	0	0
HONAVAR	27.4	-0.8	30.3	17	23.7	+0.2	21.9	21	530.9	1248.0	+174.1	175.8	19	28	- 1.5	..	..	..	0	30	0	0	1	0	0	1	0	0
MANGALORE(BAJPE)	26.8	-1.0	29.0	15	22.4	-0.3	20.6	08	738.9	1996.2	+656.8	262.9	20	31	+ 2.4	10.2	8.5	-1.6	0	31	0	0	3	1	0	1	0	0
MANGALORE	27.3	-1.2	29.2	25	21.4	-2.1	19.2	08	547.2	1718.8	+699.2	166.0	20	31	+ 3.4	12.1	9.6	+0.2	0	31	0	0	1	0	0	0	0	0
MANGALORE H.P.	27.3	..	29.9	15	22.8	..	21.0	08	713.3	1892.9	..	271.7	20	31	..	11.4	10.0	..	0	31	0	0	3	0	0	3	21	0
INTERIOR MYSORE NORTH																												
BIDAR	30.1	+1.1	34.7	15	21.4	+0.1	17.0	04	66.1	183.7	- 22.6	41.8	26	11	- 0.6	26.2	23.5	+1.0	0	11	0	0	0	0	0	0	0	0
GULBARGA	31.8	+0.4	36.5	15	22.7	+0.2	20.6	27	30.4	95.8	- 40.3	27.8	19	10	+ 1.0	20.3	16.7	-3.6	0	13	0	0	1	0	0	0	0	0
BIJAPUR	30.5	+0.4	34.4	16	21.9	+0.2	20.4	19	59.8	117.7	+ 59.0	28.6	27	9	+ 4.5	16.7	13.6	-1.4	0	16	0	0	0	0	0	0	0	0
RAICHUR	30.3	-1.7	36.3	16	23.4	+0.5	21.5	27	47.2	122.6	+ 4.7	38.4	27	8	- 0.8	24.5	21.3	-0.4	0	15	0	0	0	0	0	0	0	0
BELGAUM	25.7	+0.5	29.3	01	20.4	+0.6	19.0	21	125.2	374.4	- 76.7	30.0	11	22	- 0.2	9.5	7.7	-6.7	0	29	0	0	0	0	0	0	0	0
BELGAUM(SAMRA)	25.7	+0.3	29.5	01	20.5	+0.4	19.2	21	90.0	218.1	-108.8	25.2	06	18	-12.6	23.9	18.7	-7.3	3	25	0	0	0	0	0	0	0	0
GADAG	28.8	+0.3	32.4	16	21.2	0.0	20.1	27	31.4	50.6	- 17.0	16.4	27	4	- 2.5	23.0	19.8	+0.2	0	15	0	0	0	0	0	0	0	0
BIDAR A.F.	31.0	..	35.3	15	20.7	..	19.3	29	114.7	262.2	..	75.6	20	11	..	..	..	..	0	11	0	0	1	0	0	0	0	0
INTERIOR MYSORE, SOUTH																												
BELLARY	31.7	+0.2	35.2	16	24.1	+0.1	21.1	27	50.5	70.5	+ 29.9	32.0	27	6	+ 2.7	17.5	14.7	-0.1	0	9	0	0	0	0	0	0	0	0
CHITRADURGA	27.6	-0.5	31.0	15	20.9	+0.1	19.8	22	32.4	52.4	- 77.0	11.0	20	8	- 0.6	15.8	14.7	-0.2	1	15	0	0	0	0	0	0	0	0
SHIMOGA	..	..	..	..	..	..	..	..	62.6	209.8	- 73.0	35.2	07	19	+ 0.1	8.9	6.0	-0.7	0	26	0	0	0	0	0	0	0	0
AGUMBE	22.3	..	23.6	01	19.2	..	17.8	22	..	3663.5	..	430.0	19	31	..	.	8.7	..	0	31	0	0	0	0	0	0	0	0
BALEHONNUR	22.9	+0.2	25.2	11	17.9	-0.6	16.9	19	..	1027.8	+131.9	118.0	19	30	+ 1.9	..	..	..	0	31	0	0	0	0	0	0	0	0
HASSAN	22.5	-2.3	24.7	23	18.4	-0.5	17.8	04	53.6	141.0	- 9.4	24.2	29	17	+ 3.5	15.5	10.9	-4.4	0	24	0	0	0	0	0	0	0	0
BANGALORE	27.5	+0.3	30.8	16	19.2	0.0	18.4	21	24.0	53.9	- 57.4	15.0	28	6	- 2.5	21.7	17.7	+0.2	3	17	0	0	2	0	0	0	2	0
BANGALORE AERODROME	27.8	0.0	30.6	16	18.6	-0.7	17.8	24	54.5	87.6	- 6.8	25.6	17	8	- 0.7	..	..	..	2	15	0	0	2	0	0	0	0	0
MYSORE	25.0	-2.3	26.0	06	20.0	+0.3	18.6	19	37.0	50.9	- 18.2	9.6	18	7	- 0.5	22.9	15.6	+1.5	0	18	0	0	0	0	0	0	0	0
YALAMKA A.F.	27.8	..	30.5	16	19.2	..	18.0	24	43.3	68.4	..	27.6	21	7	..	..	..	..	0	11	0	0	4	0	0	0	0	0
KERALA																												
CALICUT	27.1	-1.1	30.4	12	22.7	-0.6	21.6	19	576.3	1750.7	+893.4	170.0	14	30	+ 3.4	8.1	6.9	-2.3	0	31	0	0	0	0	0	0	0	0
PALGHAT	27.0	-1.1	30.0	12	22.3	-0.3	21.2	19	351.3	785.9	+246.1	98.0	19	29	+ 6.6	14.5	12.7	-0.6	0	29	0	0	0	0	0	0	0	0
FORT COCHIN	27.1	-1.0	30.2	13	22.2	-1.5	20.9	19	299.9	1453.5	+839.3	139.5	14	30	+ 5.5	13.9	11.3	+1.7	0	31	0	0	1	0	0	0	0	0
COCHIN(NAVAL AIR STATION)	27.7	..	30.6	13	23.0	..	21.9	19	322.8	1493.4	..	154.4	18	30	..	10.2	9.5	..	0	31	0	0	6	1	0	2	8	0
ALLEPPEY	27.8	-1.0	30.6	12	23.0	-0.3	21.8	18	280.0	1110.6	+566.8	98.6	14	29	+ 5.9	13.3	12.5	+0.5	0	30	0	0	0	0	0	0	1	0
PUNALUR	28.8	-0.8	32.5	08	21.8	-0.9	20.5	18	215.8	925.4	+513.9	97.2	04	27	+ 6.7	3.4	2.6	-2.1	0	27	0	0	0	0	0	0	0	0
TRIVANDRUM	28.3	-0.8	30.0	10	22.2	-1.0	20.9	18	109.3	420.8	+197.8	62.7	01	21	+ 5.4	14.6	10.4	-0.5	1	27	0	0	0	0	0	0	0	0
TRIVANDRUM AERODROME	28.3	-0.9	30.5	10	22.9	-0.5	21.4	01	..	402.9	+142.3	67.9	01	20	+ 5.4	.	11.5	+2.3	1	24	0	0	0	2	0	0	0	0
ARABIAN SEA ISLANDS																												
AMINI	28.8	-0.5	29.8	23	24.4	-1.0	22.6	17	126.3	446.1	+134.2	89.8	15	23	+ 6.5	40.1	41.7	+8.5	1	28	0	0	1	0	0	2	0	0
AGATTI	29.1	..	29.5	28	..	..	..	..	175.2	410.1	..	132.0	15	21	..	28.8	26.5	..	0	26	0	0	2	0	0	0	0	0
ANDROTH	29.2	..	31.5	11	23.7	..	22.2	15	224.8	577.9	..	81.4	20	26	..	6.5	6.0	..	0	29	0	0	0	0	0	0	0	0
MINICOY	29.2	-0.3	30.4	12	23.1	-2.0	21.2	21	236.4	464.9	+276.6	45.3	14	22	+ 8.1	18.1	17.7	+1.4	1	26	0	0	2	0	0	0	0	0
HILL STATIONS(EXCLUDING KASHMIR)																												
DALHOUSIE	23.7	0.0	28.0	03	16.4	-0.4	13.4	24	195.2	556.4	- 34.7	102.0	29	22	+ 5.4	..	..	..	0	23	..	..	..	..	..	.	..	
DHARMASALA	27.3	0.0	32.9	05	19.9	-1.3	16.8	23	316.1	799.4	-255.9	161.0	29	21	- 1.3	2.7	1.7	-2.1	0	24	0	0	1	0	0	0	0	0
BHUNTAR	30.9	..	34.9	06	19.7	..	14.3	24	35.9	70.6	..	15.1	22	8	..	12.7	8.1	..	2	14	0	0	7	0	0	0	0	0
SIMLA	20.7	-0.3	24.8	03	13.8	-1.8	10.0	14	251.4	422.8	+ 6.7	58.6	21	17	- 3.0	3.3	3.0	+0.2	0	22	0	0	0	0	0	0	0	0
DHARMPUR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	
GHANGARIA (KANJALIA TOK)	18.9	+9.7	21.2	08	10.5	+5.6	9.0	01	..	303.4	-146.7	30.0	22	22	- 5.2	..	..	..	0	24	..	..	..	..	..	.	..	
BADRINATH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	
JOSHIMATH	25.0	-0.1	29.0	06	16.7	-0.9	14.4	03	21.6	166.0	-134.8	34.0	10	13	- 7.0	5.0	3.1	-1.6	0	15	0	0	0	8	0	0	0	0
MUSSOORIE	20.5	-0.3	22.1	01	14.0	-1.9	12.0	23	356.4	699.3	- 98.1	88.0	21	21	- 2.2	8.0	7.0	+1.4	0	22	0	0	2	0	0	0	0	0
MUKTESWAR(KUMAUN)	20.3	-0.2	24.3	07	14.0	-0.7	12.4	23	110.6	229.8	- 86.2	43.6	18	17	- 0.9	..	..	..	1	21	0	0	9	0	0	0	0	0
NAINITAL	20.9	-0.5	24.0	03	16.4	-0.5	14.3	23	254.0	476.0	-293.4	70.0	22	22	- 1.6	10.4	7.7	-0.6	0	23	0	0	0	0	0	0	0	0
KALIMPONG	25.0	+0.9	27.4	06	19.9	+0.7	18.0	09	112.6	586.9	- 16.0	79.4	13	27	+ 4.5	6.5	5.0	-2.4	0	29	0	0	0	0	0	0	0	0
DARJEELING	19.4	-0.4	22.8	11	14.1	-1.3	13.2	25	228.0	716.5	- 93.0	102.0	13	27	+ 1.4	2.8	2.1	-0.2	0	29	0	0	0	10	0	0	0	0
KOHIMA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	
SHILLONG(C.S.O.)	23.3	-1.5	26.3	04	17.7	-1.6	16.0	21	214.3	441.3	+ 82.4	82.8	11	18	- 0.7	5.0	4.7	+0.8	0	26	0	0	2	1	0	0	0	0
CHERRAPUNJI	22.7	+0.5	25.1	31	17.8	-0.6	17.0	21	765.0	2644.6	+278.3	413.6	12	30	+ 2.4	..	..	..	0	30	0	0	0	0	0	0	0	0
ABU	26.0	+1.7	33.1	03	18.8	-0.5	17.4	23	270.0	317.2	-279.5	89.0	31	10	- 8.0	12.0	7.7	-3.9	3	17	0	0	3	0	0	0	0	0
AIJAL	26.4	+1.3	30.0	29	18.8	-0.2	17.6	26	172.0	574.0	+191.9	140.0	11	27	+ 5.3	..	..	..	0	29	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER – JULY 1968 (10 ASADHA – 9 SRAVANA, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Maximum fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena – No. of days with: Precipitation: 0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
HILL STATIONS (EXCLUDING KASHMIR)																												
PACHMARHI	24.9	+0.6	32.6	03	20.1	+0.2	19.2	15	207.0	750.8	+ 24.6	114.6	30	21	- 1.4	8.8	8.9	-0.1	0	28	0	0	10	0	0	1	0	0
MAHABALESHWAR	19.4	+0.4	22.4	02	16.7	0.0	15.2	19	667.4	1680.8	-865.3	208.7	04	29	- 1.0	19.9	19.9	-0.1	0	30	0	0	0	30	0	0	0	0
MERCARA	19.6	-0.6	21.0	24	14.2	-2.9	11.8	31	560.1	1297.9	+168.6	89.6	28	31	+ 2.6	17.0	16.7	0.0	0	31	0	0	0	0	0	0	0	0
OOTACAMUND	16.5	+0.1	18.9	01	11.1	+0.2	9.8	04	64.4	165.2	- 36.0	19.2	28	20	+ 4.2	17.1	10.0	-0.9	1	24	0	0	0	0	0	0	0	0
COONOOR	21.8	+0.6	26.2	26	13.4	-1.7	11.3	24	..	70.2	+ 5.7	8.0	19	11	+ 4.1	..	..	..	1	19	0	0	0	0	0	0	0	0
KODAIKANAL	17.3	+0.2	20.3	01	11.4	-0.1	10.1	30	75.9	122.1	+ 4.5	43.2	09	13	+ 2.9	16.4	17.6	+0.9	2	20	0	0	1	0	0	0	0	0
MANALI	25.7	..	30.5	07	15.1	..	11.0	25	70.8	205.7	..	28.0	30	16	..	2.0	0.7	..	0	17	..	..	..	..	..	..	..	.
NEPAL																												
KATMANDU	27.7	-0.8	29.6	30	19.7	-0.4	18.3	20	62.4	442.0	+ 46.3	39.6	17	23	+ 2.1	2.4	1.2	-0.3	1	28	0	0	11	0	0	0	0	0
SIKKIM																												
LACHEN	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
HYDROMETEOROLOGICAL OBSERVATORIES																												
DAMODAR CATCHMENT																												
TILAIYA	30.8	..	33.3	04	24.6	..	23.6	14	120.9	405.6	..	104.2	08	18	..	9.3	7.0	..	1	22	0	0	0	0	0	0	0	0
HAZARIBAGH	29.2	..	31.6	03	22.3	..	21.2	10	148.0	352.5	..	66.2	08	17	..	8.1	5.2	..	2	25	0	0	17	2	0	0	0	0
KONAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
BOKARO	32.6	..	35.4	03	26.6	..	24.4	09	150.4	388.2	..	62.0	08	22	..	10.6	7.8	..	0	26	0	0	0	0	0	0	0	0
MAITHON	32.3	..	34.1	16	23.7	..	19.9	09	209.7	665.1	..	112.4	09	23	..	5.1	3.5	..	0	25	0	0	26	0	0	0	0	0
RAMGARH	32.3	..	36.0	02	23.9	..	23.0	24	196.3	344.7	..	72.6	08	14	..	6.8	4.6	..	3	18	0	0	10	0	0	0	0	0
PANCHET HILLS	31.9	..	33.7	04	25.8	..	23.2	19	108.0	335.4	..	86.9	08	18	..	5.8	4.0	..	0	25	0	0	2	0	0	0	0	0
DURGAPUR	32.1	..	33.6	03	24.7	..	23.0	14	134.8	343.8	..	51.8	11	16	..	23.1	19.8	..	0	20	0	0	1	0	0	0	0	0
MAHANADI CATCHMENT																												
GINABAHAR	30.3	..	35.5	01	23.2	..	22.1	04	..	371.8	..	61.0	20	18	..	..	..	..	0	21	0	0	1	0	0	0	0	0
HIRAKUD	32.7	..	36.0	01	25.8	..	24.1	29	44.7	356.1	..	137.6	29	13	..	4.5	3.7	..	0	17	0	0	5	0	0	0	0	0
BHIMKUND	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
SONEPUR	32.3	..	36.6	01	25.6	..	24.1	03	..	309.7	..	95.8	29	13	..	.	0.4	..	3	18	0	0	0	0	0	0	0	0
KHIJRAWAN	29.7	..	34.6	01	23.9	..	21.6	01	121.4	316.6	..	86.0	29	14	..	13.4	9.5	..	2	20	0	0	10	0	0	0	0	0
NARMADA CATCHMENT																												
BAGRA TAWA	31.2	..	40.6	01	23.1	..	21.3	29	368.1	668.9	..	306.0	31	13	..	12.1	9.8	..	0	20	0	0	4	0	0	0	0	0
PUNASA	31.6	..	40.4	01	..	..	..	..	0.0	174.0	..	38.0	29	10	..	3.3	3.0	..	0	16	..	..	..	..	..	.	..	.
THIKRI	34.4	..	41.5	01	22.2	..	19.7	09	..	126.1	..	40.5	31	11	..	..	..	..	0	14	0	0	0	0	0	0	0	0
SABARMATI CATCHMENT																												
DAROI	35.1	..	40.4	02	26.2	..	23.2	08	108.6	158.2	..	41.8	08	9	..	..	..	..	0	12	0	0	0	0	0	0	0	0
GANDAK CATCHMENT																												
JAMOSOM	24.7	..	27.0	13	13.7	..	12.1	24	14.0	43.3	..	11.1	28	5	..	..	..	..	0	11	..	..	..	..	..	.	..	.
KHUDI BAZAR	28.1	..	30.2	08	21.2	..	20.2	20	114.3	796.9	..	91.7	17	27	..	..	..	..	0	29	..	..	..	..	..	.	..	.
TIMURE	25.5	..	27.7	29	17.6	..	15.9	24	10.1	266.0	..	27.2	25	23	..	..	..	..	0	28	..	..	..	..	..	.	..	.
POKHARA	28.9	..	30.8	02	21.9	..	20.5	20	121.3	950.9	..	128.9	08	25	..	5.0	3.5	..	1	27	0	0	9	0	0	0	0	0
GORKHA	27.4	..	29.4	30	19.5	..	17.4	20	76.0	334.8	..	55.2	14	17	..	..	..	..	0	20	0	0	7	23	0	0	0	0
NUWAKOT	29.7	..	31.5	14	21.2	..	19.0	26	12.0	321.4	..	48.0	09	22	..	..	..	..	0	22	..	..	..	..	..	.	..	.
GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)																												
DAILEKH	25.8	..	28.1	05	19.7	..	18.0	03	185.8	506.2	..	80.0	28	22	..	..	..	..	0	25	..	..	..	..	..	.	..	.
GHAGHARA CATCHMENT																												
SALLYANA	25.5	..	27.4	07	19.1	..	17.5	21	24.2	152.9	..	23.5	28	12	..	..	..	..	0	20	..	..	..	..	..	.	..	.
BUTWAL	32.1	..	34.9	05	25.2	..	22.9	23	239.8	612.0	..	108.4	23	23	..	..	..	..	0	26	..	..	..	..	..	.	..	.
BAGHMATI CATCHMENT																												
KATMANDU	SEE UNDER NEPAL				..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
KOSI CATCHMENT																												
CHAUTARA	26.6	..	28.8	25	19.1	..	18.2	15	95.3	449.1	..	54.4	01	19	..	..	..	..	0	26	..	..	..	..	..	.	..	.
WALUNGCHUNG GOLA	..	..	..	..	9.6	..	8.5	20	110.6	415.5	..	30.2	23	28	..	..	..	..	0	28	..	..	..	..	..	.	..	.
TAPLETHOK	27.6	..	31.1	30	18.4	..	17.0	20	106.4	816.9	..	88.7	03	31	..	..	..	..	0	31	..	..	..	..	..	.	..	.
BHOJPUR	22.8	..	25.1	09	18.2	..	16.7	20	113.4	410.8	..	54.4	24	17	..	..	..	..	0	21	..	..	..	..	..	.	..	.
TAPLEJUNG	24.3	..	26.4	03	17.3	..	15.6	20	87.9	515.5	..	47.2	22	27	..	4.6	2.9	..	0	30	0	0	1	9	0	0	0	0
OKHALDHUNGA	23.9	..	27.1	31	17.1	..	16.1	20	110.8	456.2	..	67.6	23	22	..	0.9	0.9	..	1	25	0	0	2	27	0	0	0	0
CHAINPUR	27.6	..	30.9	09	20.0	..	18.3	20	64.8	293.1	..	45.0	28	22	..	..	..	..	0	25	..	..	..	..	..	.	..	.
BARAHAKSHETRA	31.2	..	34.0	10	24.4	..	22.8	22	153.0	784.5	..	224.0	22	21	..	5.5	3.1	..	2	25	0	0	3	0	0	0	0	0
TISTA CATCHMENT																												
GANGTOK	23.4	..	26.5	06	16.6	..	15.4	20	91.4	645.2	..	90.6	06	29	..	3.1	2.5	..	0	31	0	0	1	28	0	0	0	0
GEZING	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — JULY ,1968 (10 ASADHA - 9 SRAVANA,1890 ŚAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or M. in gpm. of nearest standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry Bulb	Mean temperature in °C: Wet Bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.): 62 or more	20 to 61	1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BAY ISLANDS																											
MAYA BANDAR	0830	28	1007.5	1004.4	+0.0	26.5	25.6	25.3	32.2	92	+ 6	6.8	+0.6	13.9	0	10	19	00	0	0	0	0	22	7	0	2	0
	1730	28	1005.6	1002.4	-0.6	26.5	25.6	25.3	32.2	94	+ 6	7.3	+1.0	17.6	0	12	16	00	0	0	0	0	20	8	0	3	0
LONG ISLAND	0830	25	1008.1	1005.3	+0.1	27.2	25.2	24.3	30.4	84	- 2	7.0	+0.8	3.5	0	0	30	00	0	0	0	0	30	0	0	1	0
	1730	25	1006.4	1003.6	+0.3	27.0	24.9	23.9	29.7	84	- 2	7.0	+0.6	4.0	0	0	29	00	0	0	0	0	29	0	0	2	0
PORT BLAIR	0530	79	1007.0	998.0	..	25.6	24.3	23.7	29.3	89	..	7.0	..	17.3	0	13	17	00	0	0	0	2	26	1	1	1	0
	0830	79	1008.2	999.2	+0.1	26.8	25.0	24.2	30.2	86	+ 2	7.1	+0.1	21.5	0	20	9	00	0	0	0	0	26	3	0	2	0
	1130	79	1007.4	998.5	..	28.1	25.5	24.4	30.5	80	..	7.3	..	26.3	0	25	6	00	0	0	0	0	26	5	0	0	0
	1430	79	1005.9	997.0	..	27.6	25.2	24.1	30.0	82	..	7.2	..	26.7	1	25	5	00	0	0	0	1	26	4	0	0	0
	1730	79	1006.2	997.3	+0.2	26.7	25.0	24.3	30.4	87	- 1	7.0	-0.3	19.3	0	16	15	00	0	0	1	1	28	1	0	0	0
	2030	79	1008.0	999.1	..	25.9	24.6	24.1	30.0	89	..	6.0	..	17.3	0	12	19	00	0	0	0	3	28	0	0	0	0
	2330	79	1007.7	998.7	..	25.7	24.4	23.9	29.7	89	..	6.2	..	20.1	0	15	15	00	0	0	0	1	25	3	1	1	0
CAR NICOBAR	0830	10	1008.8	1007.6	+0.1	28.2	25.8	24.8	31.3	82	- 1	7.0	+0.5	5.5	0	0	28	00	0	0	0	0	25	3	0	3	0
	1730	10	1007.0	1005.8	+0.1	27.4	25.3	24.4	30.5	84	- 2	7.0	+0.7	2.7	0	0	23	00	0	0	0	1	22	0	0	8	0
NAN COWRY	0830	26	1009.7	1006.9	+0.2	27.7	25.7	24.8	31.3	85	+ 2	5.6	-0.8	12.2	0	1	30	00	0	0	0	0	31	0	0	0	0
	1730	26	1007.9	1005.1	+0.3	27.3	25.6	24.9	31.5	87	+ 3	6.1	-0.1	10.5	0	2	27	00	0	0	0	0	29	0	0	2	0
KONDUL	0830	8	1010.1	1009.2	+0.4	28.0	25.8	24.9	31.5	84	+ 0	6.9	+0.5	11.1	0	5	22	00	0	0	0	0	27	0	0	4	0
	1730	8	1008.5	1007.6	+0.8	27.4	25.6	24.8	31.3	86	+ 0	6.8	+0.4	6.6	0	0	19	00	0	0	0	0	19	0	0	12	0
NORTH ASSAM(INCLUDING NEFA)																											
PASIGHAT	0830	157	1003.0	985.5	+0.2	26.2	24.5	23.7	29.3	87	- 2	7.2	+0.2	1.7	0	0	16	02	2	2	1	0	0	0	9	15	0
	1730	157	999.6	982.2	+0.7	28.2	25.8	24.8	31.3	82	+ 0	6.5	+1.2	0.6	0	0	6	01	1	0	0	1	1	1	1	25	0
DIBRUGARH(MOHANBARI)	0230	111	1001.2	988.6	..	25.4	24.6	24.2	30.2	93	..	7.4	..	3.2	0	0	16	00	10	4	0	1	0	1	0	15	0
	0530	111	1001.9	989.4	..	24.8	24.4	24.2	30.2	96	..	7.5	..	3.3	0	0	20	02	7	7	1	1	2	0	0	11	0
	0830	111	1003.0	990.5	+0.2	26.6	25.3	24.7	31.1	89	+ 2	7.6	+0.2	6.1	0	0	30	01	18	5	2	1	1	0	2	1	0
	1130	111	1002.0	989.6	..	28.3	25.9	24.9	31.5	83	..	7.1	..	6.7	0	0	31	02	16	8	1	1	1	0	2	0	0
	1430	111	999.6	987.3	..	29.7	26.5	25.2	32.1	77	..	6.6	..	6.7	0	0	30	03	12	8	0	0	4	0	3	1	0
	1730	111	999.1	986.8	+0.2	28.9	26.1	24.9	31.5	79	+ 0	6.2	+0.5	6.3	0	0	29	04	16	2	1	0	1	2	3	2	0
	2030	111	1001.4	989.0	..	26.9	25.7	25.2	32.1	90	..	6.4	..	4.5	0	0	20	00	14	2	2	0	1	1	0	11	0
	2330	111	1001.7	989.2	..	26.0	25.2	24.9	31.5	93	..	6.8	..	3.3	0	0	15	00	8	4	0	1	0	2	0	16	0
DIGBOI	0830	152	1003.6	986.5	-0.1	27.0	25.7	25.1	31.9	91	+ 4	7.2	+0.1	2.3	0	0	31	07	6	9	5	4	1	3	1	0	0
	1730	152	999.8	982.9	+0.0	29.2	26.5	25.3	32.2	81	+ 4	5.9	-0.3	2.3	0	0	31	00	8	12	3	2	1	2	3	0	0
NORTH LAKHIMPUR	0830	102	1002.8	991.3	+0.1	26.9	25.5	24.9	31.5	90	+ 0	7.5	+0.2	7.0	0	1	29	07	11	2	2	6	1	1	0	1	0
	1130	102	1002.0	990.6	..	28.9	26.4	25.3	32.2	81	..	6.9	..	9.7	0	2	29	01	12	2	1	13	2	0	0	0	0
	1430	102	999.8	988.5	..	30.1	26.7	25.3	32.2	76	..	6.1	..	8.7	0	1	28	01	6	5	4	10	2	0	1	2	0
	1730	102	998.8	987.5	-0.1	29.1	26.6	25.5	32.6	82	+ 0	6.0	+0.3	5.7	0	0	27	04	8	3	2	9	0	0	1	4	0
	2030	102	1001.4	990.0	..	27.2	26.1	25.7	33.0	91	..	5.3	..	3.2	0	1	11	05	2	2	0	3	0	0	0	19	0
SIBSAGAR	0830	97	1003.0	992.3	+0.7	27.4	25.7	24.9	31.5	86	+ 1	.	..	2.5	0	0	28	04	15	2	1	4	1	0	1	3	0
	1730	97	999.2	988.5	+0.7	29.7	26.9	25.8	33.2	80	+ 1	.	..	3.0	0	0	29	06	12	3	2	1	4	0	1	2	0
GOHPUR	0830	83	1002.6	993.2	..	27.5	26.1	25.5	32.6	89	+ 1	6.8	..	2.4	0	0	23	00	3	1	0	0	0	7	0	8	12
	1730	83	999.4	990.0	..	29.2	26.7	25.7	33.0	82	+ 0	5.6	..	2.1	0	0	19	00	1	0	0	1	0	4	0	12	13
MAJBAT	0830		..	..	..	27.6	26.0	25.3	32.2	88	..	4.3	-2.2	2.3	0	0	18	00	9	0	4	0	4	0	1	13	0
	1730		..	..	..	29.0	26.5	25.5	32.6	82	..	2.4	-3.1	1.4	0	0	16	00	7	0	2	0	7	0	0	15	0
JORHAT AERODROME	0530	90	1001.5	991.1	..	26.5	25.2	25.1	31.9	97	..	7.4	..	2.1	0	0	5	00	1	0	1	1	2	0	0	26	0
	0830	90	1002.5	992.4	..	27.4	26.0	25.4	32.4	88	..	7.2	..	6.0	0	0	20	03	8	0	0	1	7	0	1	11	0
	1130	90	1001.5	991.3	..	29.8	26.8	25.6	32.8	79	..	6.7	..	6.6	0	2	18	01	13	1	0	0	3	1	1	11	0
	1730	90	998.7	988.5	..	29.1	26.4	25.3	32.2	81	..	6.0	..	4.2	0	0	13	01	7	0	1	0	3	1	0	18	0
	2330	90	1001.3	991.0	..	26.8	25.7	25.3	32.2	91	..	6.3	..	1.8	0	0	5	00	2	0	0	0	3	0	0	26	0
TANGLA	0830	78	1001.2	992.6	+0.0	27.7	26.1	25.4	32.4	87	+ 2	6.9	+1.3	1.6	0	0	22	00	1	10	1	4	0	6	0	9	0
	1730	78	998.1	989.4	+0.2	29.9	26.8	25.5	32.6	78	+ 0	5.0	+0.4	1.6	0	0	21	00	1	12	0	0	1	7	0	10	0
TEZPUR	0830	79	1002.8	993.9	+0.1	27.4	25.9	25.3	32.2	89	+ 2	7.6	+0.9	3.9	0	0	26	00	18	0	0	0	8	0	0	5	0
	1730	79	998.7	990.0	+0.1	29.6	26.8	25.7	33.0	79	- 1	5.1	+0.0	3.0	0	0	21	00	14	0	3	0	4	0	0	10	0
GOLAGHAT	0830	95	1002.7	992.0	-0.7	27.5	25.8	25.1	31.9	87	+ 0	6.4	-0.6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730	95	998.2	987.6	-1.5	30.1	26.8	25.4	32.4	77	- 1	5.6	-0.6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
RANGIA	0830	60	1003.2	996.4	..	28.4	26.5	25.8	33.0	86	+ 4	7.3	..	4.7	0	0	16	00	2	7	0	0	0	7	0	15	0
	1730	60	1000.5	993.8	..	29.7	27.3	26.3	34.1	83	+ 8	6.1	..	3.0	0	0	13	00	0	6	0	0	0	6	1	16	0
CHAPARMUKH	0830	66	1003.2	995.8	+0.7	28.4	26.4	25.8	33.2	85	+ 2	6.9	+0.6	6.1	0	0	29	00	3	8	12	2	1	0	3	1	0
	1730	66	999.5	992.2	+0.7	29.3	26.8	25.7	33.0	82	+ 0	5.8	+0.1	3.2	0	0	16	02	0	3	8	1	1	1	0	9	0
GOALPARA	0830	38	1001.7	997.5	+0.0	27.1	25.8	25.3	32.2	90	+ 4	7.5	+0.9	2.4	0	0	30	07	8	2	3	5	1	3	1	1	0
	1730	38	998.3	994.0	-0.4	29.1	26.5	25.4	32.4	83	+ 3	6.8	+0.6	2.5	0	0	29	05	6	4	2	5	1	6	0	2	0
GAUHATI(BHORJOR)	0230	54	1000.2	994.1	..	26.6	25.7	25.3	32.2	92	..	6.9	..	4.1	0	1	9	01	4	0	0	3	2	0	0	21	0
	0530	54	1000.7	994.5	..	26.3	25.5	25.2	32.1	93	..	7.3	..	4.5	0	2	16	01	7	2	1	2	2	3	0	13	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — JULY ,1968 (10 ASADHA - 9 SRAVANA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or 1000 gpm. of mean standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
NORTH ASSAM (INCLUDING NEFA) (CONTD)																											
GAUHATI (BHORJOR)	0830	54	1001.8	995.7	-0.9	28.1	26.2	25.4	32.4	86	+ 1	7.3	+0.3	5.7	0	1	19	07	6	3	0	0	1	2	1	11	0
	1130	54	1001.0	994.9	..	29.5	26.6	25.4	32.4	79	..	6.7	..	8.5	0	2	25	13	7	2	0	0	1	1	2	4	1
	1430	54	998.7	992.7	..	30.0	26.9	25.7	33.0	78	..	6.6	..	8.5	0	1	27	11	7	0	0	1	1	2	6	3	0
	1730	54	998.6	992.5	-0.9	28.8	26.4	25.4	32.4	83	+ 2	6.9	+0.4	5.7	0	1	20	03	6	1	0	0	6	3	2	10	0
	2030	54	1000.9	994.8	..	27.6	26.1	25.5	32.6	88	..	6.9	..	3.7	0	1	12	01	4	2	0	1	1	4	0	18	0
	2330	54	1001.0	995.0	..	27.1	26.0	25.5	32.6	91	..	7.1	..	4.3	0	2	7	00	2	3	0	1	3	0	0	22	0
DHUBRI (RUPSI)	0530	45	1000.4	995.3	..	26.1	25.5	25.2	32.1	96	..	7.3	..	6.6	0	1	26	01	8	10	0	3	3	1	1	4	0
	0830	45	1001.5	996.4	+0.7	27.8	26.3	25.7	33.0	88	+ 3	7.3	+0.5	6.8	0	2	25	01	4	9	6	5	1	1	0	4	0
	1130	45	1000.7	995.7	..	29.3	26.6	25.5	32.6	81	..	6.9	..	8.6	0	1	30	01	4	10	6	3	4	1	2	0	0
	1730	45	998.5	993.5	+0.8	29.4	26.8	25.7	33.0	82	+ 1	6.6	+0.4	5.0	0	1	18	00	2	4	4	2	2	4	1	12	0
DHUBRI	0830		..	..	..	27.3	26.1	25.6	32.8	91	+ 5	7.0	+1.0	7.3	0	2	24	03	15	3	2	1	0	1	1	5	0
	1730		..	..	..	28.3	26.5	25.8	33.2	86	+ 0	6.2	+0.6	5.0	1	2	11	00	5	5	2	0	1	1	0	17	0
LUMDING	0830	149	1003.2	986.5	..	27.4	25.7	24.9	31.5	87	+ 8	6.5	..	0.8	0	0	12	00	1	6	1	1	2	1	0	19	0
	1730	149	999.1	982.6	..	30.1	26.5	25.0	31.7	74	..	5.7	..	1.3	0	0	14	00	0	5	2	4	0	2	1	17	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																											
TURA	0830	370	1002.5	961.4	-1.0	25.7	24.5	24.0	29.8	90	+ 0	7.8	+0.3	3.4	0	0	25	07	2	3	3	9	2	2	2	6	0
	1730	370	998.8	958.1	-1.3	26.9	25.1	24.3	30.4	87	+ 0	7.4	+0.3	3.0	0	0	22	01	2	1	4	5	4	5	0	9	0
HAFLONG	0830	682	1004.6	930.0	+1.9	24.1	22.8	22.3	36.9	91	+ 3	6.5	+0.3	2.2	0	0	31	00	0	0	0	0	31	0	0	0	0
	1730	682	1000.0	925.9	+0.9	25.6	23.6	22.7	27.7	84	+ 3	4.4	-1.5	1.9	0	0	27	00	2	0	2	0	23	0	0	4	0
SILCHAR (KUMBHIRGRAM)	0530	97	1000.7	989.8	..	24.9	24.5	24.3	30.4	97	..	7.5	..	4.7	0	0	19	01	4	13	0	0	0	1	0	12	0
	0830	97	1001.5	990.7	+0.2	26.9	25.5	24.9	31.5	89	+ 4	7.5	+0.8	6.4	0	0	23	00	5	14	1	1	1	1	0	8	0
	1130	97	1000.5	989.8	..	29.4	26.7	24.8	31.3	77	..	6.9	..	6.8	0	0	30	01	5	6	3	2	1	12	0	1	0
	1730	97	997.9	987.2	-0.2	28.9	26.4	25.3	32.2	81	+ 0	7.2	+0.9	5.2	0	1	20	00	2	4	0	0	6	9	0	10	0
SILCHAR	0830	29	1002.7	999.4	-0.5	27.6	26.1	25.5	32.6	88	+ 2	6.7	-0.1	0.2	0	0	3	00	1	1	1	0	0	0	0	28	0
	1730	29	999.3	996.1	-0.2	29.6	26.7	25.5	32.6	79	- 3	6.5	+0.3	0.3	0	0	4	00	0	0	0	0	1	2	1	27	0
IMPHAL (TULIHAL)	0530	781	1003.4	918.2	..	22.9	22.2	21.9	26.3	95	..	7.5	..	0.5	0	0	2	00	1	0	0	1	0	0	0	29	0
	0830	781	1003.8	919.2	-0.1	24.7	22.8	21.9	26.3	84	+ 3	7.5	+0.5	2.0	0	0	7	00	0	0	1	3	2	1	0	24	0
	1130	781	1002.5	918.5	..	27.0	23.5	21.9	26.3	74	..	6.9	..	4.1	0	0	14	01	0	1	2	4	3	2	1	17	0
	1430	781	999.9	916.4	..	27.8	23.8	22.1	26.6	72	..	6.8	..	4.7	0	2	12	00	0	1	6	2	0	0	5	17	[illegible]
	1730	781	1000.1	916.1	+1.5	26.2	23.1	21.7	25.9	76	- 2	6.8	+0.2	5.3	0	0	16	00	0	1	8	3	1	0	3	15	0
	2030	781	1002.7	918.1	..	24.7	22.8	21.9	26.3	85	..	6.3	..	1.2	0	0	4	00	0	0	3	0	0	0	1	27	0
	2330	781	1003.3	918.4	..	23.8	22.5	21.9	26.3	90	..	6.8	..	2.3	0	0	8	01	0	1	1	1	2	0	2	23	0
KAILASHAHAR	0530	29	1002.5	999.2	..	25.6	25.1	24.9	31.5	95	..	7.3	..	4.2	0	0	24	00	2	6	6	9	1	0	0	7	0
	0830	29	1003.2	999.9	+0.1	28.1	26.2	25.4	32.4	86	+ 4	6.8	+0.2	7.0	0	0	31	00	0	9	9	13	0	0	0	0	0
	1130	29	1002.1	998.9	..	30.0	26.9	25.7	33.0	78	..	6.7	..	8.1	0	1	29	02	2	7	6	11	2	0	0	1	0
	1730	29	999.8	996.6	+0.1	28.7	26.7	25.9	33.4	85	+ 3	7.0	+0.2	4.6	0	0	23	02	3	4	3	[illegible]	3	0	1	8	0
AGARTALA	0230	16	999.9	998.1	..	25.9	25.3	25.0	31.7	95	..	6.9	..	11.3	0	3	28	00	0	2	18	11	0	0	0	0	0
	0530	16	1000.3	998.5	..	25.7	25.1	24.8	31.3	94	..	7.1	..	12.0	0	3	28	00	1	2	19	7	2	0	9	0	0
	0830	16	1001.3	999.5	-0.6	28.2	26.1	25.3	32.2	84	- 2	6.7	-0.2	14.3	0	4	26	00	1	2	12	14	1	0	0	1	0
	1130	16	1000.7	998.9	..	29.6	26.7	25.5	32.6	79	..	7.0	..	14.8	0	4	27	[illegible]	0	1	8	15	4	0	2	0	0
	1430	16	998.7	996.9	..	29.6	26.8	25.7	33.0	80	..	6.8	..	15.2	0	6	25	00	0	0	6	15	6	1	3	0	0
	1730	16	998.0	996.2	-1.0	28.8	26.5	25.5	32.6	83	+ 0	7.0	+0.3	11.2	0	1	28	02	0	0	5	20	0	2	0	2	0
	2030	16	1000.7	998.9	..	27.1	25.9	25.4	32.4	90	..	6.5	..	11.8	0	3	28	00	1	0	13	17	[illegible]	0	0	0	0
	2330	16	1001.0	999.2	..	26.4	25.5	25.1	31.9	93	..	7.0	..	11.6	0	1	29	00	0	0	16	14	0	0	0	1	0
SUB-HIMALAYAN WEST BENGAL																											
BAGHDOGRA	0230	131	1000.3	985.6	..	25.3	24.5	24.1	30.0	94	..	7.3	..	10.0	0	1	25	03	11	6	2	0	1	1	2	5	0
	0530	131	1000.4	985.6	..	25.2	24.5	24.1	30.0	95	..	7.2	..	10.8	0	1	26	04	10	9	0	0	1	1	2	4	0
	0830	131	1001.5	986.8	-0.1	27.3	25.6	24.9	31.5	87	+ 0	7.1	-0.1	16.2	0	4	27	02	15	10	1	1	1	1	0	0	0
	1130	131	1000.9	986.3	..	29.1	26.4	25.3	32.2	81	..	6.8	..	17.3	0	8	22	01	6	18	2	1	2	0	0	1	0
	1430	131	998.6	984.1	..	30.1	26.8	25.5	32.6	77	..	6.7	..	15.2	0	2	29	00	4	11	11	3	0	1	1	0	0
	1730	131	998.3	983.8	-0.4	28.6	26.3	25.3	32.2	83	+ 2	6.7	+0.2	14.6	0	3	28	03	9	7	5	4	0	1	2	0	0
	2030	131	1000.7	986.0	..	26.9	25.5	24.9	31.5	89	..	6.7	..	9.9	0	2	28	05	11	8	4	0	1	0	1	1	0
	2330	131	1001.2	986.5	..	25.9	24.7	24.2	30.2	90	..	7.1	..	9.9	0	1	25	05	10	6	2	2	0	1	0	5	0
JALPAIGURI	0830	83	1001.6	992.3	+0.1	26.3	25.1	24.6	30.9	90	+ 2	6.9	+0.6	5.9 [b]	0	0	28	04	5	11	3	3	0	0	2	1	0
	1730	83	998.2	989.0	+0.8	28.6	26.3	25.3	32.2	83	+ 2	5.3	-0.1	3.2 [b]	0	0	23	01	7	11	3	1	0	0	0	6	0
COOCH BEHAR AERODROME	0830	43	1001.9	997.1	+0.1	27.3	25.9	25.3	32.3	90	+ 4	7.1	+0.0	9.4	0	3	26	02	3	18	2	1	1	2	0	2	0
	1130	43	1001.2	996.4	..	28.7	26.6	25.7	33.0	85	..	7.0	..	11.4	0	4	25	03	6	13	2	2	0	2	0	2	1
	1730	43	998.5	993.8	+0.0	29.1	26.7	25.7	33.0	82	+ 1	6.2	-0.2	7.2	0	3	16	03	2	6	2	4	0	0	1	12	1
BALURGHAT	0830	26	1000.8	997.9	..	28.7	26.9	26.7	34.0	87	..	6.3	..	4.2	0	0	29	03	0	13	7	4	2	0	0	2	0
	1730	26	997.9	995.1	..	28.7	26.8	26.1	33.8	85	..	6.1	..	3.8	0	0	27	01	4	7	12	1	0	2	0	4	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JULY ,1968 (10 ASADHA - 9 SRAVANA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lit. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SUB HIMALAYAN WEST BENGAL (CONTD.)																											
MALDA	0830	31	1000.7	997.2	+0.2	28.4	26.5	25.7	33.0	86	+ 2	6.4	-0.4	2.5	0	0	24	02	0	6	7	7	1	0	1	7	0
	1730	31	997.5	994.0	+0.1	29.5	27.0	26.0	33.6	81	+ 1	5.8	-0.3	2.2	0	0	22	00	3	8	7	3	1	0	0	9	0
GANGETIC WEST BENGAL																											
BERHAMPORE	0830	19	1000.7	998.6	+0.5	28.6	27.0	26.3	34.2	88	+ 4	7.4	+0.3	4.3	0	0	29	03	0	10	0	15	1	0	0	2	0
	1730	19	997.5	995.4	+0.4	29.4	27.2	26.3	34.2	84	+ 2	7.2	+0.6	2.8	0	0	23	00	0	11	1	9	0	2	0	8	0
SURI	0830		..	..	..	28.7	26.6	25.7	33.0	84	+ 0	7.2	+0.5	5.8	0	0	31	02	2	7	5	14	1	0	0	0	0
ASANSOL	0230	126	998.8	984.8	..	26.7	25.9	25.5	32.6	94	..	6.6	..	4.7	0	0	22	03	1	5	1	7	2	2	1	9	0
	0530	126	999.1	985.0	..	26.6	25.8	25.5	32.6	94	..	6.9	..	3.9	0	0	22	03	4	3	5	3	2	1	1	9	0
	0830	126	1000.2	986.2	+0.6	28.8	26.7	25.9	33.4	84	+ 0	7.0	+0.1	6.6	0	0	28	02	4	3	7	6	4	1	1	3	0
	1130	126	999.6	985.7	..	31.1	27.5	26.1	33.8	75	..	7.0	..	7.2	0	0	28	00	4	7	4	6	2	1	3	3	1
	1430	126	997.5	983.6	..	30.8	27.5	26.1	33.8	77	..	6.9	..	6.3	0	0	29	00	4	5	7	7	2	3	1	2	0
	1730	126	997.3	983.3	+0.7	29.4	26.9	25.9	33.4	82	+ 2	7.3	+0.3	5.6	0	0	27	00	4	5	4	8	0	4	2	4	0
	2030	126	999.5	985.4	..	27.8	26.5	25.9	33.4	90	..	6.1	..	4.1	0	0	20	00	1	4	6	4	2	2	1	11	0
	2330	126	1000.0	985.9	..	27.0	26.1	25.7	33.0	93	..	6.3	..	5.7	0	0	24	02	1	7	8	1	3	1	1	7	0
SHANTI NIKETAN	0830	59	1000.7	994.1	..	28.3	26.5	25.8	33.2	86	..	6.3	..	6.7	0	0	29	01	4	5	6	8	3	1	1	2	0
	1130	59	1001.2	994.6	..	30.0	26.3	24.7	31.1	74	..	6.3	..	5.8	0	0	30	00	5	4	6	10	2	1	2	1	0
	1730	59	997.8	991.2	..	29.5	26.7	25.5	32.6	81	..	6.7	..	6.6	0	0	26	01	1	3	11	6	2	0	2	5	0
KRISHNANAGAR	0830	15	1000.5	998.9	+0.2	29.0	26.9	26.1	33.8	85	+ 0	4.9	-1.9	3.2	0	0	25	00	2	3	3	15	1	0	1	6	0
	1730	15	998.5	996.9	+1.0	29.6	27.2	26.2	34.0	82	- 2	5.2	-1.4	0.8	0	0	12	00	0	0	0	12	0	0	0	19	0
PURULIA	0830	255	1000.4	972.2	-0.3	27.6	25.7	24.9	31.5	85	+ 2	7.0	+0.5	5.9	0	0	31	02	3	4	9	6	4	1	2	0	0
	1730	255	997.2	969.3	-0.3	29.2	26.1	24.7	31.1	78	+ 0	7.1	-0.1	5.4	0	0	28	01	2	5	11	5	1	1	2	3	0
BANKURA	0830	100	999.9	988.7	..	28.3	26.5	25.7	33.0	86	..	4.9	..	1.7	0	0	20	01	3	2	1	3	1	1	1	11	7
	1730	100	997.5	986.4	..	29.6	26.7	25.5	32.6	79	..	5.9	..	1.2	0	0	13	02	2	0	0	0	0	0	0	18	9
BURDWAN	0830	32	1000.4	996.7	+0.3	29.2	27.0	26.1	33.8	82	- 3	5.9	+0.4	8.4	0	0	30	00	4	6	5	4	8	1	2	1	0
	1730	32	997.5	993.9	+0.4	30.0	27.0	25.8	33.2	79	- 3	4.9	-0.6	9.4	0	0	31	01	0	10	9	4	7	0	0	0	0
CALCUTTA (DUM DUM)	0230	6	998.9	998.2	..	27.2	26.3	25.9	33.4	92	..	5.3	..	7.5	0	2	26	00	0	4	7	11	5	1	0	3	0
	0530	6	999.2	998.5	..	27.0	26.2	25.9	33.4	93	..	7.1	..	6.9	0	1	25	00	1	5	9	5	4	2	0	5	0
	0830	6	1000.3	999.6	+0.0	28.6	26.7	26.0	33.8	85	+ 2	7.1	+0.0	9.1	0	1	26	00	0	8	7	7	3	2	0	4	0
	1130	6	999.8	999.1	..	30.2	27.1	25.9	33.4	78	..	7.0	..	11.7	0	2	28	00	0	9	8	4	6	3	0	1	0
	1430	6	997.9	997.2	..	30.6	27.3	25.9	33.4	77	..	7.1	..	11.5	0	0	31	00	0	5	8	10	4	4	0	0	0
	1730	6	997.4	996.9	+0.1	29.3	27.0	26.1	33.8	83	+ 2	7.1	+0.2	7.6	0	1	29	00	0	2	7	12	5	3	1	1	0
	2030	6	999.7	999.6	..	28.3	26.7	26.1	33.8	88	..	4.9	..	8.0	0	1	27	00	0	1	8	16	1	1	1	3	0
	2330	6	1000.2	999.5	..	27.6	26.5	26.1	33.8	91	..	5.2	..	7.9	0	0	29	00	0	3	9	11	4	1	1	2	0
CALCUTTA	0830	6	1000.3	999.6	+0.2	29.0	26.6	25.5	32.8	82	- 2	6.8	-0.1	10.0	0	2	27	00	2	5	9	4	7	1	1	2	0
	1130	6	999.8	999.1	..	30.9	27.3	25.9	33.4	74	..	6.5	..	11.2	0	3	28	00	4	4	9	5	7	2	0	0	0
	1730	6	997.7	997.0	+0.4	29.4	26.8	25.7	33.0	81	- 1	6.7	-0.2	9.0	0	1	29	00	2	0	11	8	5	3	1	1	0
MIDNAPORE	0830	45	999.9	994.8	+0.1	28.7	26.5	25.6	32.8	84	+ 0	5.6	-0.7	2.9	0	0	25	02	5	0	3	4	11	0	0	6	0
	1730	45	997.5	992.4	+0.6	29.5	26.7	25.5	32.6	80	- 2	6.4	-0.3	3.4	0	0	26	02	2	0	3	10	9	0	0	5	0
CONTAI	0830	11	1000.2	999.0	-0.4	28.9	27.0	26.3	34.2	86	+ 1	7.0	+0.9	10.6	0	3	27	03	6	0	0	10	10	0	1	1	0
	1730	11	997.9	996.7	-0.4	29.1	27.2	26.5	34.6	86	+ 1	7.1	+1.0	13.0	0	6	24	00	1	3	3	16	4	2	0	1	1
SAGAR ISLAND	0830	3	1000.0	999.7	+0.2	28.8	27.1	26.5	34.6	88	+ 2	6.3	-0.2	23.4	1	16	14	03	5	1	5	11	5	0	1	0	0
	1730	3	997.6	997.3	+0.1	29.4	27.3	26.5	34.6	84	- 1	6.6	+0.3	24.3	0	22	9	01	2	4	8	11	5	0	0	0	0
SANDHEADS	0530	10	998.8	997.8	..	28.6	26.7	26.1	33.8	86	..	6.6	..	23.1	0	17	13	00	0	2	0	7	18	2	1	1	0
	0830	10	1000.2	999.1	+0.0	28.8	26.8	26.0	33.6	85	+ 1	6.1	-0.1	23.3	1	16	13	00	0	2	1	7	18	1	1	1	0
	1130	10	1000.3	999.2	..	29.6	27.0	26.0	33.6	81	..	6.4	..	24.7	0	17	14	00	2	3	1	7	16	2	0	0	0
	1730	10	997.7	996.6	-0.1	29.2	27.1	26.3	34.2	84	- 2	6.7	+0.6	27.4	0	24	7	00	0	2	2	10	16	1	0	0	0
	2330	10	1000.1	999.0	..	28.9	27.0	26.3	34.2	86	..	1.4	..	25.4	0	18	13	00	1	2	1	9	16	2	0	0	0
ORISSA																											
BARIPADA	0830	54	1001.1	995.0	+0.8	28.6	26.5	25.7	33.0	84	- 2	6.1	-0.8	3.4	0	0	26	04	4	0	5	7	4	1	1	5	0
	1730	54	998.5	992.5	+0.8	29.0	26.9	26.1	33.8	84	+ 1	7.0	+0.1	1.9	0	0	18	01	1	0	5	7	3	1	0	13	0
JHARSUGUDA	0230	230	999.0	973.3	..	25.9	24.9	24.5	30.7	92	..	6.8	..	7.4	0	2	22	00	2	0	1	10	2	9	0	7	0
	0530	230	999.3	973.6	..	25.5	24.6	24.1	30.0	93	..	7.3	..	6.6	0	0	25	00	3	0	2	7	2	10	1	6	0
	0830	230	1000.4	974.9	-0.1	27.5	25.3	24.3	30.4	83	- 4	6.9	-0.3	11.8	0	3	27	00	3	0	1	6	6	12	2	1	0
	1130	230	999.9	974.6	..	29.8	25.9	24.3	30.4	73	..	7.0	..	14.0	0	7	22	01	2	1	0	1	7	13	4	2	0
	1430	230	997.5	972.9	..	30.8	26.2	24.2	30.2	68	..	6.9	..	16.1	0	8	23	01	2	1	1	1	8	14	3	0	0
	1730	230	997.1	971.9	-0.3	29.4	25.9	24.3	30.4	74	- 5	7.2	-0.1	11.6	0	5	22	00	2	2	4	3	5	10	1	4	0
	2030	230	999.4	974.0	..	27.6	25.6	24.7	31.1	85	..	6.8	..	7.2	0	0	29	00	0	1	4	7	12	3	2	2	0
	2330	230	1000.1	974.5	..	26.5	25.2	24.7	31.1	90	..	7.3	..	7.5	0	1	25	02	3	0	4	5	5	6	1	5	0
KEONJHARGARH	0830	463	1011.8	950.9	+1.4	25.6	23.9	23.1	28.3	85	+ 3	5.1	-1.5	2.3	0	0	30	01	0	4	1	4	1	17	2	1	0
	1730	463	998.1	947.8	+0.5	26.7	24.7	23.9	29.7	84	+ 4	5.5	-1.9	1.7	0	0	27	02	1	1	0	8	0	15	0	4	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JULY ,1968 (10 ASADHA - 9 SRAVANA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or 1k in gpm. of lowest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
ORISSA (CONTD.)																											
BALASORE	0830	20	1000.3	998.2	+0.6	28.8	26.3	25.3	32.2	82	- 2	6.3	-1.2	11.7	0	4	25	02	3	0	1	9	10	1	3	2	0
	1730	20	997.8	995.6	+0.5	29.5	26.7	25.6	32.8	80	- 3	6.3	-1.2	11.4	0	1	29	00	2	1	3	12	10	2	0	1	0
SAMBALPUR	0830	148	999.9	983.4	-0.5	27.5	25.7	24.0	29.8	83	- 4	6.1	-1.0	1.2	0	0	16	00	2	0	0	0	12	2	0	15	0
	1730	148	997.8	981.4	+0.5	29.7	26.3	24.9	31.5	76	- 6	6.0	-1.4	1.3	0	0	17	01	2	0	0	0	12	0	2	14	0
ANGUL	0830	139	1000.5	984.9	-0.2	28.1	25.6	24.5	30.7	82	+ 0	7.7	+0.7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730	139	997.8	982.5	+0.2	29.9	26.0	24.3	30.4	73	- 5	7.9	+0.6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
CHANDBALI	0830	6	1000.9	1000.2	+0.4	28.8	26.7	25.9	33.4	84	+ 0	7.0	+0.6	6.5	0	0	31	00	1	1	5	6	7	8	3	0	0
	1730	6	998.0	997.3	+0.1	29.4	26.8	25.7	33.0	81	- 2	6.8	+0.5	7.3	0	0	30	01	1	3	10	1	7	6	1	1	0
BOLANGIR	0830	190	1000.9	979.7	+0.5	27.9	26.0	25.3	32.2	85	+ 2	6.6	-0.5	5.5	0	0	31	00	0	1	0	18	10	2	0	0	0
	1730	190	997.9	976.9	+0.0	28.8	27.0	25.9	33.4	81	+ 0	7.1	-0.1	4.4	0	0	27	00	1	1	1	13	6	4	1	4	0
PHULBANI	0830	464	1000.7	950.2	..	26.7	23.9	22.8	27.7	79	..	7.2	..	1.2	0	0	10	01	0	0	0	0	5	2	2	21	0
	1730	464	997.5	947.4	..	28.1	24.6	23.1	28.3	75	..	7.2	..	0.6	0	0	7	00	0	0	0	0	1	4	2	24	0
CUTTACK	0830	27	1000.9	997.9	+0.4	28.6	26.4	25.5	32.6	84	+ 1	5.2	-1.4	3.3	0	0	22	05	1	0	0	4	3	8	1	9	0
	1730	27	998.2	995.2	+0.5	30.3	26.8	25.3	32.2	75	- 6	4.9	-2.0	3.9	0	0	22	01	2	2	0	2	13	2	0	9	0
TITLAGARH	0830	211	999.9	976.4	-1.6	27.0	25.4	24.7	31.1	88	+ 7	5.4	-0.5	2.0	0	0	31	00	0	0	3	0	27	0	1	0	0
	1730	211	997.1	973.8	-1.3	28.4	26.4	25.6	32.8	85	+ 8	5.6	-0.2	2.0	0	0	31	00	0	0	5	0	22	0	4	0	0
BHUBANESWAR	0230	46	999.4	994.2	..	26.6	25.8	25.5	32.6	94	..	5.5	..	10.3	0	4	21	04	0	0	1	4	12	3	1	6	0
	0530	46	999.6	994.4	..	26.4	25.8	25.5	32.6	94	..	6.6	..	9.8	0	4	21	06	0	0	0	5	10	3	1	6	0
	0830	46	1000.8	995.7	-0.1	28.2	26.3	25.5	32.6	86	+ 2	7.2	+0.4	13.1	0	5	21	02	1	0	0	4	12	1	6	5	0
	1130	46	1000.4	995.3	..	29.9	26.6	25.3	32.2	77	..	7.1	..	18.5	0	10	20	04	0	1	0	4	12	8	1	1	0
	1430	46	998.4	993.3	..	31.0	26.8	25.1	31.9	71	..	7.2	..	20.4	0	15	15	02	1	1	1	7	10	4	4	1	0
	1730	46	998.2	993.0	-0.4	29.2	26.3	25.1	31.9	79	- 2	7.1	+0.2	17.0	0	12	17	02	1	0	0	9	13	3	1	2	0
	2030	46	1000.1	994.9	..	27.7	26.2	25.5	32.6	88	..	5.9	..	15.0	0	5	25	01	2	1	0	9	13	3	1	1	0
	2330	46	1000.6	995.4	..	27.2	26.1	25.7	33.0	92	..	5.9	..	12.3	0	5	24	03	0	0	0	9	11	4	2	2	0
PURI	0830	6	1001.3	1000.7	+0.7	29.1	27.2	26.5	34.6	87	+ 4	5.6	-0.9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730	6	998.8	998.1	+0.6	29.2	27.3	26.5	34.6	86	+ 1	5.6	-0.9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
GOPALPUR	0530	17	999.6	997.7	..	27.0	25.7	25.2	32.1	90	..	7.0	..	10.6	0	6	17	02	0	0	0	0	16	4	1	8	0
	0830	17	1001.1	999.1	+0.1	28.3	26.5	25.8	33.2	86	+ 4	7.0	+0.6	10.9	0	4	24	02	0	0	0	2	19	2	3	3	0
	1130	17	1000.9	999.0	..	29.8	27.2	26.2	34.0	81	..	7.0	..	14.8	0	9	21	01	2	2	0	7	17	0	1	1	0
	1730	17	998.6	996.7	+0.3	28.9	26.6	25.7	33.0	83	- 4	7.3	+0.1	18.0	0	15	15	01	1	0	0	2	20	4	2	1	0
	2330	17	1000.9	999.0	..	27.6	26.2	25.6	32.8	89	..	6.3	..	14.3	0	9	19	02	1	0	0	0	22	1	2	3	0
KORAPUT	0830	913	1446.8	903.9	+0.0	22.8	21.4	20.7	24.4	88	- 2	7.1	+0.1	19.9	0	16	15	00	1	1	0	1	16	12	0	0	0
	1730	913	1427.3	901.9	+0.0	23.5	22.0	21.3	25.3	88	+ 3	7.2	+0.1	22.8	0	10	20	00	0	1	0	0	16	9	4	0	0
BIHAR PLATEAU																											
DUMKA	0830	149	1000.9	984.3	+1.0	28.1	26.3	25.5	32.6	87	+ 3	5.8	+0.4	3.4	0	0	20	00	4	1	8	3	3	0	1	11	0
	1730	149	997.3	980.8	+0.5	28.8	26.5	25.5	32.6	84	+ 3	5.1	-0.5	2.5	0	0	14	00	2	3	6	1	2	0	0	17	0
DALTONGANJ	0830	221	999.4	975.1	+0.4	29.5	26.3	24.9	31.5	77	- 2	7.0	+0.6	3.9	0	0	28	00	1	0	3	1	20	0	3	1	0
	1730	221	996.0	971.7	+0.2	28.4	26.3	24.9	31.5	78	+ 1	7.6	+0.7	3.9	0	0	29	00	10	0	4	0	7	1	7	2	0
HAZARIBAGH	0830	611	999.6	933.0	+0.1	25.7	24.1	23.4	28.8	87	+ 1	6.9	-0.1	5.4	0	0	26	01	1	4	5	3	5	2	5	5	0
	1730	611	996.9	930.7	+0.3	26.4	24.4	23.6	29.1	85	+ 2	7.4	+0.4	4.8	0	0	24	01	1	5	5	4	3	1	4	7	0
DHANBAD	0830	257	999.8	971.3	+0.4	27.6	25.9	25.1	31.9	87	+ 4	6.2	-0.2	3.2	0	0	23	00	5	1	15	1	1	0	0	8	0
	1730	257	996.8	968.5	..	28.5	25.9	24.8	31.3	82	..	6.7	..	4.2	0	0	25	00	5	0	15	0	1	0	4	6	0
RANCHI AERODROME	0530	652	998.7	927.5	..	23.6	23.0	22.7	27.6	95	..	6.9	..	11.0	0	1	25	00	4	0	4	3	10	3	2	5	0
	0830	652	999.5	928.7	+0.3	25.2	23.6	22.9	27.9	87	+ 1	6.7	-0.5	13.8	0	5	23	01	5	2	3	1	10	4	2	3	0
	1130	652	998.8	928.4	..	27.0	24.2	23.0	28.1	79	..	6.9	..	16.9	0	12	17	01	3	4	5	2	8	2	4	2	0
	1430	652	996.8	926.6	..	27.2	24.1	22.7	27.6	78	..	6.9	..	19.0	0	9	22	01	5	6	3	2	7	4	3	0	0
	1730	652	996.7	926.3	+0.2	26.2	24.0	23.4	28.3	83	+ 0	7.1	+0.0	14.7	0	6	23	01	2	5	4	8	5	3	1	2	0
	2030	652	999.0	928.1	..	25.0	23.8	23.3	28.6	90	..	5.4	..	10.8	0	4	22	00	4	1	6	4	4	3	4	5	0
JAMSHEDPUR	0830	129	999.8	985.5	+0.2	28.4	26.2	25.3	32.2	83	- 1	6.1	-0.9	3.6	0	0	27	01	3	4	2	1	5	8	3	4	0
	1730	129	997.0	982.8	-0.3	29.5	26.6	25.4	32.4	79	+ 2	7.0	-0.1	4.1	0	0	27	00	1	10	2	1	6	6	0	4	1
JAMSHEDPUR P.B.O.	0530	142	998.8	983.0	..	26.4	25.4	25.0	31.7	92	..	6.7	..	3.5	0	0	16	01	1	8	0	0	0	6	0	15	0
	0830	142	1000.0	984.2	+0.2	28.3	26.0	25.1	31.9	83	+ 0	6.8	-0.3	6.1	0	0	31	01	1	7	3	4	7	7	1	0	0
	1130	142	999.4	983.7	..	30.1	26.6	25.1	31.9	75	..	6.8	..	7.7	0	0	29	01	1	8	3	3	3	10	0	2	0
	1430	142	997.3	981.7	..	30.5	26.7	25.1	31.9	73	..	7.2	..	7.0	0	0	27	01	2	5	5	3	3	4	4	4	0
	1730	142	996.9	981.2	+0.0	29.4	26.3	25.0	31.7	78	+ 1	7.4	+0.1	5.9	0	0	25	00	0	7	2	3	8	4	1	6	0
	2030	142	999.1	983.3	..	27.7	26.0	25.3	32.2	87	..	5.4	..	4.6	0	0	21	01	1	7	1	0	7	4	0	10	0
	2330	142	999.7	983.9	..	27.2	25.9	25.3	32.2	90	..	5.0	..	3.2	0	0	15	01	0	8	1	0	3	2	0	16	0
CHAIBASA	0830	226	999.6	974.6	+0.1	27.7	25.4	24.3	30.4	82	- 1	8.0	+0.7	4.7	0	0	28	00	5	1	3	2	16	0	1	3	0
	1730	226	997.0	972.0	+0.4	28.7	25.8	24.5	30.7	79	- 1	7.7	+0.2	2.6	0	0	18	00	2	0	3	0	13	0	0	13	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JULY ,1968 (10 ASADHA - 9 SRAVANA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mb. At mean sea level or standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mb.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BIHAR PLAINS																											
MOTIHARI	0830	64	1000.3	992.6	+0.3	28.4	26.7	26.1	33.8	87	+4	6.8	+0.6	4.0	0	0	29	00	6	20	3	0	0	0	0	2	0
	1730	64	997.4	990.0	+1.0	29.9	27.9	27.1	35.9	85	+6	6.1	+0.7	4.1	0	0	20	02	2	14	2	0	0	0	0	5	0
FORBESGANJ	0830	61	1000.9	994.1	+0.4	28.1	26.2	25.4	32.4	86	-1	6.4	-0.6	6.3	0	0	30	02	0	26	0	0	0	2	0	1	0
	1730	61	997.6	990.0	-0.5	30.0	26.9	25.7	33.0	78	+0	5.1	-0.7	3.0	0	0	30	00	1	22	5	0	1	1	0	1	0
DARBHANGA	0830	49	1001.6	996.0	+1.4	29.3	27.2	26.3	34.2	85	+2	7.0	+0.3	2.6	0	0	16	00	3	7	5	0	0	1	0	15	0
	1730	49	998.3	992.8	-0.4	30.4	27.8	26.8	35.2	82	+5	6.0	+0.7	1.6	0	0	13	00	2	4	5	0	1	0	1	17	0
MUZAFFARPUR	0830		..	..	..	28.5	27.1	26.5	34.8	90	..	6.7	..	4.6	0	0	31	03	0	19	4	3	0	2	0	0	0
	1730		..	..	..	29.8	27.7	26.9	35.4	85	..	4.1	..	3.6	0	0	29	03	2	13	2	4	1	2	2	2	0
CHAPRA	0830	58	999.7	993.3	..	28.7	26.9	26.1	33.8	86	..	6.6	..	3.5	0	0	29	00	15	2	6	0	5	0	1	2	0
	1730	58	996.8	990.3	..	30.4	27.3	26.1	33.8	79	..	6.2	..	2.3	0	0	28	00	14	1	11	0	2	0	0	3	0
PURNEA	0830	38	1000.9	996.6	+0.3	28.1	26.7	26.1	33.8	90	+5	6.5	-0.2	2.1	0	0	31	00	2	16	8	1	1	2	1	0	0
	1730	38	997.7	993.5	+0.4	29.4	27.0	26.0	33.6	81	+0	5.8	-0.1	2.1	0	0	30	02	1	26	1	0	0	0	0	1	0
PATNA	0830	53	999.9	994.0	+0.4	28.5	26.8	26.1	33.8	88	+7	6.5	+2.0	6.3	0	0	27	01	9	10	5	0	2	0	0	4	0
	1730	53	996.9	991.0	+0.5	30.1	27.3	26.2	34.0	80	+5	6.2	-0.2	5.1	0	0	27	01	14	6	2	2	1	1	0	4	0
PATNA AERODROME	0230	60	998.0	991.3	..	27.1	26.1	25.7	33.0	92	..	6.4	..	9.0	0	3	22	01	1	16	3	2	2	0	0	6	0
	0530	60	998.1	991.4	..	26.9	26.2	25.9	33.4	94	..	6.7	..	7.6	0	1	26	01	1	18	2	0	1	1	2	4	1
	0830	60	999.3	992.6	+0.2	28.7	26.9	26.7	34.8	86	+3	7.0	+0.4	11.3	0	2	28	01	2	17	4	3	1	2	0	1	0
	1130	60	999.0	992.4	..	30.7	27.4	26.1	33.8	77	..	7.0	..	10.8	0	2	26	02	2	13	9	0	3	3	0	3	0
	1430	60	996.9	990.3	..	31.2	27.5	26.1	33.8	73	..	6.8	..	10.5	0	1	27	00	6	11	6	1	1	3	0	3	0
	1730	60	996.1	989.5	-0.2	30.1	27.2	26.1	33.8	79	+4	6.8	+0.5	7.7	0	1	24	04	4	12	2	0	1	2	0	6	0
	2030	60	998.3	991.6	..	28.2	26.7	26.1	33.8	88	..	5.9	..	7.1	0	1	21	01	2	11	4	1	1	2	0	9	0
	2330	60	998.9	992.3	..	27.8	26.6	26.1	33.8	90	..	6.4	..	7.9	0	2	20	01	1	14	3	1	0	2	0	9	0
BHAGALPUR	0830	49	999.2	993.7	..	26.8	26.2	26.0	33.6	93	..	7.5	..	3.1	0	0	31	00	1	9	15	3	1	2	0	0	0
	0830	49	1000.3	994.9	-0.4	28.7	27.2	26.6	34.8	88	+4	7.1	+0.3	3.4	0	0	31	00	1	3	22	2	1	1	1	0	0
	1130	49	999.8	994.4	..	30.6	28.0	27.0	35.7	81	..	6.9	..	3.3	0	0	30	01	2	6	14	3	1	2	1	1	0
	1730	49	997.2	991.7	-0.5	29.5	27.5	26.7	35.0	85	+6	6.7	+0.2	2.5	0	0	28	00	2	8	12	3	3	0	0	3	0
	2330	49	999.9	994.4	..	27.5	26.8	26.5	34.6	93	..	6.4	..	2.8	0	0	26	00	2	2	17	3	0	1	1	5	0
SABAUR	0830	37	1000.5	996.3	+0.5	28.4	27.0	26.4	34.4	89	+3	7.1	+0.2	8.2	0	0	31	00	2	13	8	4	1	2	1	0	0
	1730	37	997.3	993.1	+0.5	29.5	27.2	26.3	34.2	86	+2	6.8	+0.1	7.2	0	0	28	01	5	10	6	3	1	2	0	3	0
JAMUI	0830	82	(R)																								
	1730	82	(R)																								
DEHRI	0830	107	999.1	987.2	-0.3	29.0	27.1	26.3	34.2	85	+1	6.7	+0.3	2.8	0	0	31	04	2	6	8	0	5	3	3	0	0
	1730	107	995.8	983.9	-0.3	30.1	27.4	26.3	34.2	81	+6	7.2	+0.4	2.5	0	0	29	00	7	5	5	1	0	7	4	2	0
GAYA	0230	116	998.8	985.9	..	26.[illegible]	26.2	26.0	33.6	95	..	6.5	..	7.1	0	0	24	01	7	7	5	2	1	1	0	7	0
	0530	116	998.9	985.9	..	26.5	26.0	25.7	33.0	96	..	6.6	..	6.4	0	1	22	03	7	5	3	2	3	0	0	8	0
	0830	116	999.8	986.9	+0.7	28.7	26.8	26.1	33.8	86	+7	6.6	+0.5	8.4	0	3	23	00	10	4	3	6	3	0	0	5	0
	1130	116	999.5	986.7	..	31.0	27.5	26.1	33.8	76	..	6.8	..	12.5	0	5	25	01	8	6	0	4	4	4	3	1	0
	1430	116	997.4	984.6	..	31.3	27.5	26.0	33.6	74	..	6.6	..	13.6	0	7	22	03	10	5	0	2	2	8	2	2	0
	1730	116	996.6	983.8	+0.8	30.4	27.3	26.1	33.8	78	+6	6.5	+0.1	12.8	0	5	24	04	7	6	1	3	4	3	0	2	0
	2030	116	998.8	985.9	..	28.2	26.9	26.3	34.2	90	..	6.9	..	9.3	0	[illegible]	21	01	5	7	4	4	1	2	0	7	0
	2330	116	999.5	986.6	..	27.3	26.4	26.1	33.8	93	..	6.4	..	7.0	0	1	24	00	8	5	5	3	1	2	1	6	0
UTTAR PRADESH EAST																											
KHERI	0830	147	998.3	982.0	-1.1	27.8	26.1	25.4	32.4	87	+0	6.5	+0.8	5.4	0	0	29	00	0	27	2	0	0	0	0	2	0
	1730	147	995.3	979.1	-1.0	30.6	26.9	25.5	32.6	73	-3	5.5	+0.2	3.8	0	0	27	00	0	24	1	0	2	0	0	4	0
BAHRAICH	0830	124	999.0	985.1	-0.3	28.2	25.9	25.0	31.7	81	+0	7.0	+1.0	4.8	0	0	27	01	1	10	15	0	0	0	0	4	0
	1730	124	996.1	982.4	+0.0	30.7	26.8	25.2	32.1	72	-1	6.7	+1.0	4.8	0	0	23	00	0	8	14	0	0	1	0	8	0
NAUTANWA	0830	99	1000.6	989.5	+0.8	28.6	25.9	25.0	31.7	84	+1	5.4	-0.1	4.1	0	0	31	00	8	13	10	0	0	0	0	0	0
	1730	99	997.1	986.2	+0.5	30.7	27.0	25.5	32.6	75	-1	4.0	-0.6	2.6	0	0	28	00	9	5	15	0	3	1	1	3	0
HARDOI	0830	142	998.9	983.1	-0.2	28.7	26.5	25.7	33.0	86	+0	5.5	+0.0	2.6	0	0	29	01	0	17	6	4	1	0	0	2	0
	1730	142	995.5	979.8	-0.4	30.2	27.0	25.7	33.0	77	+3	5.0	+0.0	2.1	0	0	24	02	0	14	2	1	1	4	0	7	0
GONDA	0830	110	999.8	987.6	+0.2	28.7	23.4	23.4	33.2	85	+1	3.5	-2.7	2.6	0	0	24	00	0	23	0	0	0	1	0	7	0
	1730	110	996.4	984.2	+0.2	31.0	27.6	26.4	34.6	78	+2	6.2	+0.6	2.8	0	0	19	01	0	17	0	0	0	1	0	12	0
LUCKNOW	0830	111	998.6	986.2	-0.3	28.5	26.7	26.0	33.6	87	+5	6.2	+0.0	1.0	0	0	12	00	2	10	0	0	0	0	0	19	0
	1730	111	995.6	983.2	-0.2	30.6	27.4	26.2	34.0	79	+3	6.0	+0.3	0.5	0	0	7	00	0	9	0	0	0	2	0	24	0
LUCKNOW(AMOUSI)	0230	128	997.4	983.1	..	27.2	25.9	25.4	32.4	90	..	6.0	..	6.3	0	0	21	01	1	7	6	4	2	0	0	10	0
	0530	128	997.5	983.2	..	26.8	25.8	25.3	32.2	92	..	6.5	..	7.5	0	0	25	00	1	11	6	4	2	1	0	6	0
	0830	128	998.8	984.5	-0.2	28.3	26.3	25.4	32.4	85	+1	6.8	+0.3	12.1	0	5	23	00	1	10	7	5	4	0	1	3	0
	1130	128	998.6	984.5	..	30.2	26.7	25.3	32.2	76	..	6.8	..	11.4	0	4	26	02	2	10	5	4	4	1	0	1	0
	1430	128	996.6	982.5	..	31.1	27.0	25.3	32.2	73	..	6.7	..	11.0	0	3	26	01	4	4	7	6	3	1	3	2	0
	1730	128	995.5	981.1	-0.8	30.6	26.8	25.2	32.1	75	+1	6.3	+0.1	11.0	0	5	23	04	3	5	5	4	3	2	2	3	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – JULY 1968 (10 ASADHA – 9 SRAVANA 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mb.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or ht. in gpm. of mean standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
UTTAR PRADESH EAST (CONTD.)																											
LUCKNOW (AMAUSI)	2030	128	997.3	983.2	..	27.7	26.3	25.4	32.4	85	..	5.6	..	6.5	0	0	23	00	3	7	4	4	4	1	0	8	0
	2330	128	998.1	984.1	..	27.7	26.1	25.4	32.4	88	..	6.3	..	5.7	0	0	16	00	0	9	6	1	0	0	0	15	0
FAIZABAD	0830	102	999.3	987.9	+0.5	28.1	26.6	26.0	33.6	88	+ 3	7.0	+0.7	4.0	0	0	24	01	1	13	6	1	1	0	1	7	0
	1730	102	995.9	984.7	+0.4	30.2	27.4	26.3	32.2	81	+ 6	6.4	+0.9	5.4	0	0	24	00	4	12	7	0	0	1	0	7	0
GORAKHPUR	0830	77	1000.1	991.5	+0.8	28.3	26.4	25.6	32.8	84	+ 1	7.0	+0.9	1.7	0	0	24	00	2	15	2	3	1	1	0	7	0
	1730	77	996.8	988.3	+0.7	30.7	27.1	25.6	32.8	75	- 1	6.0	+0.7	0.9	0	0	24	05	0	15	3	0	1	0	0	7	0
GORKHPUR P.B.O	0230	78	998.1	989.4	..	27.8	26.4	25.9	33.4	89	..	6.8	..	6.7	0	0	27	01	5	10	5	2	3	1	0	4	0
	0500	78	[illegible]	[illegible]	..	27.2	26.0	25.5	31.6	92	..	7.0	..	5.9	0	0	27	00	9	10	5	1	1	0	1	4	0
	1130	78	999.3	990.7	..	29.9	27.1	26.2	34.0	81	..	7.2	..	7.9	0	0	30	01	3	13	7	0	3	0	3	1	0
	1430	78	997.3	988.6	..	30.2	27.1	26.2	34.0	80	..	6.9	..	7.8	0	0	30	00	6	9	12	2	0	0	1	1	0
	2030	78	998.2	989.5	..	29.1	27.3	26.4	34.4	85	..	5.5	..	5.2	0	0	27	01	7	10	6	1	2	0	0	4	0
	2330	78	999.1	990.4	..	28.5	26.7	26.1	33.8	87	..	6.2	..	5.1	0	0	28	03	3	14	4	1	3	0	0	3	0
KANPUR	0830	126	998.1	984.1	-0.7	28.3	26.3	25.5	32.6	85	+ 4	6.6	+1.0	7.8	0	0	27	00	1	14	1	6	1	4	0	4	0
	1730	126	995.8	981.9	+0.0	30.1	26.9	26.3	32.2	77	+ 9	6.2	+0.5	6.3	0	0	26	01	1	12	2	2	2	6	0	5	0
KANPUR (AERODROME)	0530	126	997.5	983.5	..	26.8	26.0	25.7	33.0	94	..	6.3	..	11.5	0	0	26	01	1	9	7	3	3	2	0	5	0
	0830	126	998.7	984.7	..	28.4	26.5	25.7	33.0	86	..	6.5	..	12.1	0	0	25	01	0	8	9	2	3	2	0	6	0
	1130	126	998.6	984.7	..	30.8	27.1	25.6	32.8	75	..	6.5	..	14.3	0	1	29	01	3	7	7	5	5	1	1	1	0
	1730	126	995.3	981.7	..	30.4	27.0	25.6	32.8	77	..	6.5	..	13.3	0	2	25	03	4	5	3	2	2	5	3	4	0
	2330	126	998.2	984.2	..	27.3	26.1	25.7	33.0	86	..	5.6	..	7.6	0	0	19	00	0	6	5	3	2	2	1	12	0
SULTANPUR	0830	97	999.4	988.6	+0.5	29.2	26.9	25.8	33.2	82	+ 1	6.7	+0.7	2.7	0	0	25	02	0	13	1	2	2	4	1	6	0
	1730	97	996.0	985.3	+0.4	30.7	27.2	25.7	33.0	70	- 4	6.4	+0.5	2.4	0	0	22	04	1	9	0	4	1	3	0	9	0
AZAMGARH	0830	78	999.1	990.1	-0.3	28.6	26.9	26.1	33.8	87	+ 1	6.5	+0.3	3.8	0	0	23	01	1	13	0	1	2	5	0	8	0
	1730	78	996.2	987.6	+0.1	29.9	27.3	26.3	34.2	78	- 2	6.1	+1.2	3.0	0	0	21	01	0	12	0	3	1	4	0	10	0
FATEHPUR	0830		..	..	..	28.7	27.1	26.4	34.4	88	+ 7	6.6	+0.9	4.2	0	0	28	00	3	6	4	2	9	3	1	3	0
	1730		..	..	..	30.3	27.6	27.0	35.7	84	+11	7.1	+1.7	4.6	0	0	25	02	6	4	0	1	4	3	5	6	0
BALLIA	0830	64	1000.5	994.1	+2.0	28.8	27.1	26.5	34.6	88	+ 4	7.1	+1.0	2.2	0	0	28	00	4	18	4	0	1	1	0	3	0
	1730	64	997.1	989.9	+0.3	30.6	28.1	26.9	35.4	82	+10	7.5	+2.4	0.9	0	0	13	00	2	8	1	0	0	2	0	18	0
BANDA	0830	121	999.4	985.8	-0.1	28.2	26.7	25.9	33.4	85	+ 2	5.9	+0.8	1.5	0	0	23	00	6	0	0	0	17	0	0	8	0
	1730	121	996.1	982.8	+0.0	31.3	28.1	27.0	35.7	77	+ 1	6.4	+1.4	2.1	0	0	28	00	5	0	2	0	21	0	0	3	0
ALLAHABAD (BAMHRAULI)	0230	98	997.3	986.4	..	27.5	26.3	25.5	32.6	90	..	6.3	..	0.1	0	0	22	00	1	5	5	6	3	2	0	9	0
	0530	98	997.5	986.6	..	27.0	26.1	25.7	33.0	92	..	7.0	..	3.4	0	0	22	00	4	5	2	6	3	2	0	9	0
	0830	98	998.8	988.0	+0.1	28.9	26.7	25.9	33.4	83	+ 3	6.6	+0.0	5.4	0	0	25	01	5	3	2	5	5	3	1	6	0
	1130	98	998.5	987.7	..	31.4	27.4	25.7	33.0	72	..	6.7	..	6.0	0	0	28	02	2	6	2	2	7	5	2	3	0
	1430	98	996.5	985.8	..	32.2	27.4	25.5	32.6	69	..	6.8	..	9.0	0	0	29	02	5	4	5	0	6	3	4	2	0
	1730	98	995.5	984.8	-0.1	30.8	27.1	25.6	32.8	76	+ 5	6.8	+0.1	4.6	0	0	24	02	3	7	1	1	4	4	2	7	0
	2030	98	997.6	986.7	..	28.6	26.6	25.8	33.2	84	..	6.7	..	4.0	0	0	15	00	0	7	2	0	2	0	4	16	0
	2330	98	998.2	987.3	..	28.0	26.5	25.9	33.4	89	..	6.5	..	3.3	0	0	20	00	0	6	4	6	1	3	0	11	0
VARANASI (BABATPUR)	0530	85	998.2	988.5	..	26.9	26.1	25.7	33.0	93	..	6.7	..	6.5	0	0	24	00	3	12	1	2	4	1	1	7	0
	0830	85	999.4	989.8	-0.4	28.9	26.7	25.9	33.4	85	+ 3	6.5	+0.1	10.0	0	0	30	00	1	13	3	2	6	5	0	1	0
	1130	85	999.1	989.6	..	31.1	27.2	25.6	32.8	74	..	6.3	..	11.9	0	2	29	02	3	10	2	2	5	5	0	0	2
	1730	85	996.1	986.6	-0.7	30.0	27.1	25.8	33.2	79	+ 6	6.3	+0.1	9.5	0	0	30	01	7	6	1	1	6	7	0	1	1
	2330	85	998.9	989.2	..	28.0	26.7	26.3	34.2	91	..	6.0	..	5.7	0	0	20	00	2	9	2	0	4	1	0	11	2
VARANASI	0830	76	998.8	990.3	+0.0	28.9	26.7	25.7	33.0	83	+ 2	7.0	+0.6	1.7	0	0	20	00	0	4	4	1	3	6	2	11	0
	1730	76	995.6	987.2	+0.0	30.3	27.1	25.7	33.0	78	+ 5	7.4	+1.0	1.9	0	0	22	00	2	4	8	0	1	6	1	9	0
UTTAR PRADESH WEST																											
MUKHIM	0830		..	..	..	19.4	18.3	17.3	19.7	88	- 3	5.5	..	0.1	0	0	9	00	0	3	0	0	0	1	5	22	0
	1730		..	..	..	20.9	18.4	17.2	19.6	80	- 7	5.3	..	0.2	0	0	12	00	0	5	0	1	0	1	5	19	0
TEHRI	0830		..	..	..	25.7	23.4	22.3	26.9	82	+ 0	5.8	-0.6	0.3	0	0	4	00	4	0	0	0	0	0	0	27	0
	1130		..	..	..	28.8	23.9	21.8	26.1	67	..	5.2	..	1.4	0	0	14	00	3	0	3	1	6	1	0	17	0
	1730		..	..	..	30.0	24.3	21.8	26.1	63	+ 1	5.0	-0.4	1.5	0	0	12	00	0	0	5	0	6	1	0	19	0
DEHRA DUN	0530	682	998.8	924.2	..	23.2	22.5	22.2	26.7	96	..	6.8	..	0.1	0	0	7	03	1	2	0	0	0	1	0	24	0
	0830	682	999.5	925.2	+0.0	24.7	23.3	22.7	27.6	89	+ 4	6.4	+0.1	0.4	0	0	5	02	1	0	0	0	2	0	0	26	0
	1130	682	999.3	925.6	..	27.1	24.2	23.0	28.1	80	..	6.5	..	0.1	0	0	13	00	0	2	3	1	1	3	3	18	0
	1730	682	998.0	923.1	+0.6	28.0	24.8	23.5	28.9	78	+ 1	5.9	+0.4	1.2	0	0	12	03	0	0	1	2	3	3	0	19	0
	2330	682	999.0	924.8	..	25.1	23.9	23.4	28.8	91	..	5.7	..	0.1	0	0	4	02	1	1	0	0	0	0	0	27	0
MANSIARI	0830		..	..	..	17.8	16.5	15.6	17.7	87	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	18.6	17.0	15.9	18.1	84	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
ROORKEE	0830	274	999.3	968.9	+0.3	26.8	24.8	23.9	29.7	85	+ 5	4.9	-0.8	1.2	0	0	18	00	0	0	18	0	0	0	0	13	0
	1730	274	996.5	966.6	+0.9	30.4	26.3	24.5	30.7	72	+ 4	4.3	-0.9	1.0	0	0	16	00	0	0	15	0	0	0	1	15	0
NAJIBABAD	0830	270	999.7	969.9	+0.2	27.0	25.5	24.6	30.9	84	+ 1	5.3	+0.3	3.8	0	0	29	01	0	14	13	0	0	1	0	2	0
	1730	270	996.8	966.5	-0.8	30.8	26.8	24.9	31.5	71	+ 2	2.8	-1.1	2.6	0	0	27	01	4	3	6	0	1	11	1	4	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JULY ,1968 (10 ASADHA - 9 SRAVANA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 45 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
UTTAR PRADESH WEST(CONTD.)																											
MEERUT	0830	222	998.6	970.9	-3.7	28.5	26.2	25.3	32.2	83	+ 4	2.4	-1.6	3.9	0	0	23	00	6	16	1	0	0	0	0	8	0
BAREILLY	0830	173	998.9	979.7	+0.1	28.4	26.4	25.5	32.6	85	+ 4	6.2	+0.2	9.2	0	0	29	02	3	14	10	0	0	0	0	2	0
	1730	173	995.3	976.2	-0.3	30.4	27.4	26.1	33.8	79	+ 8	5.8	-0.1	4.1	0	0	28	05	2	18	0	0	2	1	0	3	0
BAREILLY P.B.O.	0230	172	997.3	978.2	..	27.8	26.6	25.5	32.6	87	..	5.4	..	7.1	0	0	25	00	3	15	6	0	1	0	0	6	0
	0530	172	997.4	978.3	..	27.2	25.8	25.3	32.2	89	..	6.5	..	6.5	0	0	26	00	5	14	6	1	0	0	0	5	0
	1130	172	998.8	979.8	..	29.9	26.8	25.7	33.0	79	..	6.8	..	9.5	0	0	30	01	1	12	12	2	0	2	0	1	0
	1430	172	996.7	977.8	..	30.9	27.2	26.0	33.6	76	..	6.9	..	8.5	0	2	27	00	6	10	9	0	0	2	2	2	0
	2030	172	996.9	977.9	..	29.4	26.8	26.0	33.6	82	..	5.9	..	5.5	0	0	26	00	1	16	7	0	0	1	1	5	0
	2330	172	998.0	978.9	..	28.3	26.3	25.6	32.8	85	..	5.6	..	7.5	0	1	28	00	2	18	8	0	0	0	0	3	0
ALIGARH	0830	187	998.4	977.6	-0.1	28.5	26.1	25.1	31.9	83	+ 6	6.1	+0.8	5.1	0	0	28	01	2	12	3	6	1	2	1	3	0
	1730	187	996.0	974.8	+0.0	30.0	26.5	25.0	31.7	76	+11	6.9	+1.6	3.1	0	0	27	02	0	15	1	3	0	5	1	4	0
MAINPURI	0830	157	998.4	981.0	-0.2	28.4	26.3	25.4	32.4	85	+ 6	6.7	+0.9	2.6	0	0	22	00	0	6	12	0	0	4	0	9	0
	1730	157	995.3	978.2	-0.2	31.2	27.1	25.3	32.2	73	+ 4	6.0	+0.3	2.8	0	0	24	00	0	5	14	0	1	4	0	7	0
AGRA	0830	169	998.2	979.4	-0.5	28.7	26.3	25.3	32.2	84	+ 9	5.6	+0.3	3.1	0	0	15	00	3	0	5	0	5	0	2	16	0
	1730	169	995.2	976.6	-0.2	29.6	27.4	26.4	34.4	81	+15	5.5	+0.1	1.8	0	0	11	00	0	0	4	0	6	0	1	20	0
AGRA AERODROME	0230	169	996.9	978.1	..	27.4	25.3	24.3	30.4	84	..	5.5	..	8.8	0	1	23	02	2	5	4	4	2	4	1	7	0
	0530	169	996.8	978.1	..	27.3	25.8	25.2	32.1	90	..	6.4	..	9.4	0	2	27	01	1	5	4	4	3	4	2	7	0
	0830	169	998.2	979.5	..	28.6	26.4	25.4	32.4	84	..	6.7	..	14.0	0	7	21	01	0	3	7	6	3	5	3	3	0
	1130	169	998.1	979.5	..	30.9	27.2	25.6	32.8	76	..	6.5	..	15.8	0	9	20	02	1	5	3	6	2	5	5	2	0
	1730	169	995.1	976.6	..	30.7	26.9	25.3	32.2	75	..	6.6	..	16.0	0	6	24	06	1	6	7	2	1	4	3	1	0
	2330	169	997.6	978.9	..	28.2	26.0	25.1	31.9	84	..	5.5	..	9.3	0	1	22	01	0	4	5	6	3	3	1	8	0
ORAI	0830	141	999.4	983.7	-0.2	29.4	26.8	25.6	32.8	81	+ 1	3.6	-1.7	2.6	0	0	28	04	11	0	0	0	2	0	11	3	0
	1730	141	994.8	979.3	-1.6	30.6	26.8	25.1	31.9	74	+ 2	6.0	+0.7	3.7	0	0	31	13	9	0	1	0	0	0	8	0	0
JHANSI	0830	251	998.7	971.0	-0.2	27.9	25.3	24.5	30.7	84	+ 6	5.6	+0.0	2.3	0	0	20	00	0	3	0	3	1	13	0	11	0
	1730	251	995.2	968.0	-0.4	31.6	25.9	23.0	28.1	64	- 6	5.9	-0.2	2.8	0	0	18	00	0	8	0	6	0	4	0	13	0
MORADABAD	0830		..	..	..	28.0	26.8	26.4	34.4	92	..	4.2	..	4.0	0	0	21	00	0	21	0	0	0	0	0	10	0
	1730		..	..	..	30.4	28.9	28.3	38.5	89	..	1.2	..	3.2	0	0	24	00	0	23	0	0	1	0	0	7	0
UTTAR KASHI	0830		..	..	..	22.9	20.8	19.8	22.8	82	..	5.2	..	1.1	0	0	17	01	0	7	0	2	0	7	0	14	0
	1730		..	..	..	27.0	22.6	20.6	24.3	71	..	4.5	..	0.3	0	0	3	00	0	2	0	0	0	1	0	19	0
HARYANA(INCLUDING DELHI AND CHANDIGARH)																											
CHANDIGARH	0830	347	998.2	959.6	-0.6	27.7	24.8	23.4	28.8	79	+ 2	4.1	-0.3	3.1	0	0	15	00	15	0	0	0	0	0	0	16	0
	1730	347	995.2	957.1	-0.6	31.0	26.2	24.1	30.0	68	+ 4	4.1	+1.5	2.0	0	0	12	00	5	0	5	0	2	0	0	19	0
AMBALA	0830	272	997.8	967.7	-0.6	27.6	25.5	24.5	30.3	84	+ 6	4.0	-0.5	1.8	0	0	27	00	5	0	17	0	5	0	0	4	0
	1730	272	995.3	965.7	+0.4	30.8	26.1	24.1	30.0	70	+ 7	3.9	+0.1	1.3	0	0	19	00	5	0	9	0	5	0	0	12	0
AMBALA P.B.O.	0230	278	997.2	966.5	..	27.7	25.7	24.9	31.5	86	..	4.2	..	5.4	0	0	24	00	1	2	19	1	0	1	0	7	0
	0530	278	997.3	966.5	..	27.0	25.2	24.6	30.9	87	..	5.9	..	5.0	0	0	22	00	1	2	18	1	0	0	0	9	0
	1130	278	998.5	968.0	..	30.0	26.8	25.7	33.0	79	..	6.0	..	6.8	0	1	26	00	2	1	20	2	2	0	0	4	0
	1430	278	996.9	966.5	..	31.4	26.8	25.0	31.7	72	..	6.4	..	5.9	0	0	26	01	1	1	19	1	1	1	1	5	0
	2030	278	996.0	965.5	..	29.7	26.5	25.4	32.4	79	..	4.1	..	3.5	0	0	19	00	2	0	16	0	0	1	0	12	0
	2330	278	997.5	966.8	..	28.4	26.1	25.2	32.1	84	..	3.5	..	5.2	0	0	21	00	1	0	19	1	0	0	0	10	0
AMBALA AERODROME	0530	274	997.2	966.6	..	26.0	25.0	24.5	30.7	91	..	5.6	..	0.9	0	0	24	00	0	17	7	0	0	0	0	7	0
	0830	274	998.5	968.1	..	27.4	25.4	24.3	30.4	86	..	6.3	..	11.9	0	0	26	00	3	11	7	3	1	1	0	5	0
	1130	274	998.3	968.2	..	29.7	26.2	24.7	31.1	74	..	5.9	..	12.0	0	3	22	00	2	12	6	2	1	1	1	6	0
	1730	274	995.4	965.4	..	30.8	26.4	24.5	30.7	72	..	4.8	..	12.0	0	2	24	01	1	9	4	1	1	3	2	5	0
	2330	274	997.3	967.0	..	27.5	25.3	24.3	30.4	85	..	3.5	..	0.8	0	0	17	00	0	7	10	0	0	0	0	14	0
KARNAL	0830	249	998.1	970.5	-0.5	27.9	26.0	25.0	31.7	84	+ 5	5.0	+0.1	3.0	0	0	29	00	1	15	7	0	3	1	2	2	0
	1730	249	994.9	967.7	-0.8	31.5	26.4	24.5	30.7	67	+ 5	4.0	-0.8	3.0	0	0	24	01	1	11	4	1	2	2	2	7	0
HISSAR	0530	221	996.5	972.0	..	27.4	26.2	25.6	32.8	89	..	4.9	..	6.0	0	0	27	00	1	13	8	3	0	1	0	4	1
	0830	221	998.1	973.7	-0.1	29.1	26.9	25.9	33.4	84	+13	4.4	+1.5	5.7	0	0	30	00	2	9	8	4	4	2	1	1	0
	1130	221	997.8	973.6	..	32.6	28.0	26.1	33.8	72	..	5.0	..	7.7	0	0	28	01	3	6	8	2	2	4	2	3	0
	1430	221	995.9	971.9	..	34.1	28.7	26.5	34.6	68	..	5.4	..	7.2	0	0	28	03	0	13	4	2	3	1	1	3	1
	1730	221	994.5	970.8	+0.0	33.7	28.3	26.3	34.2	67	+11	4.8	+1.5	6.5	0	0	30	02	3	9	5	1	4	6	0	1	0
	2330	221	996.8	972.5	..	29.1	27.0	26.1	33.8	85	..	2.9	..	7.0	0	0	28	00	1	11	10	4	1	1	0	3	0
NEW DELHI/SAFDARJUNG	0230	216	997.3	973.3	..	28.1	25.7	24.7	31.1	83	..	5.1	..	7.0	0	0	23	00	1	9	5	4	1	1	2	8	0
	0530	216	997.3	973.3	..	27.3	25.4	24.5	30.7	85	..	5.9	..	7.4	0	0	26	01	2	8	9	1	2	1	2	5	0
	0830	216	998.3	974.4	+0.1	29.1	26.1	24.8	31.3	79	+ 6	5.9	+0.7	10.6	0	2	28	00	1	11	8	2	0	3	5	1	0
	1130	216	998.3	974.6	..	31.8	26.6	24.4	30.5	67	..	6.2	..	14.2	0	6	24	03	0	13	7	1	2	1	3	1	0
	1430	216	996.7	973.1	..	32.3	26.5	24.0	29.8	65	..	6.3	..	15.5	1	10	16	03	2	10	5	0	0	2	5	4	0
	1730	216	995.5	971.8	+0.7	31.9	26.3	23.7	29.3	65	+ 5	5.9	+0.6	10.2	0	5	21	02	1	14	5	1	0	0	3	5	0
	2030	216	996.6	972.8	..	29.8	26.2	24.6	30.9	75	..	5.4	..	9.7	0	3	24	01	0	12	6	2	0	1	5	4	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — JULY 1968 (10 ASADHA - 9 SRAVANA, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or in brackets, at mean standard barometric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mb.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean cloud	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind speed (Km. p.h.) Calm	1 to 10	11 to 21	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HARYANA (INCLUDING DELHI AND CHANDIGARH) (CONTD.)																											
NEW DELHI/SAFDARJUNG PALAM AERODROME	2330	216	997.7	973.8	..	28.7	26.0	24.8	31.3	80	..	4.8	..	8.4	0	1	26	00	0	13	5	4	1	3	1	4	0
	0230	233	997.1	971.3	..	27.5	25.5	24.7	31.1	85	..	4.9	..	11.5	0	4	21	01	0	8	10	3	1	1	3	4	0
	0530	233	997.1	971.4	..	26.9	25.2	24.5	30.7	87	..	5.8	..	13.0	0	7	20	01	1	6	11	2	4	2	0	4	0
	0830	233	998.2	972.4	..	28.9	25.9	24.6	30.9	79	..	5.5	..	15.1	0	11	19	03	1	4	13	4	2	1	2	1	0
	1130	233	998.2	972.6	..	31.4	26.6	24.9	30.7	69	..	5.9	..	17.4	0	11	20	00	3	6	10	3	1	4	2	0	2
	1430	233	996.7	971.2	..	31.8	26.3	24.0	29.8	66	..	5.9	..	17.4	0	14	15	04	3	5	9	0	0	1	6	2	1
	1730	233	995.3	969.8	..	31.5	26.1	23.6	29.1	66	..	5.6	..	15.8	0	8	20	02	4	7	10	2	1	0	2	5	0
	2030	233	996.4	970.8	..	29.3	25.9	24.4	30.5	77	..	5.5	..	14.4	0	4	24	01	0	8	12	1	3	1	4	1	0
	2330	233	997.6	971.8	..	28.1	25.8	24.8	31.3	80	..	4.5	..	12.4	0	1	28	00	0	4	15	3	3	2	2	2	0
GURGAON	0830		..	..	..	29.1	25.6	[illegible]	30.0	75	..	4.7	..	7.0	0	1	29	00	4	9	8	1	0	4	0	5	0
	1730		..	..	..	31.4	26.5	[illegible]	30.5	70	..	5.0	..	5.6	0	1	26	01	3	13	6	1	0	3	0	4	0
NARNAUL	0830		(R)																								
	1730		(R)																								
ROHTAK	0830		..	..	..	28.2	25.7	24.6	30.9	82	..	5.1	..	11.6	0	3	28	01	0	17	6	2	1	4	0	0	0
	1730		..	..	..	30.4	26.2	24.4	30.5	73	..	4.0	..	9.3	0	2	28	00	2	18	3	0	4	3	0	1	0
PUNJAB																											
PATHANKOT	0530	312	997.5	963.0	..	27.0	24.7	23.8	29.5	84	..	5.0	..	9.5	0	2	17	00	9	2	2	3	1	1	1	12	0
	0830	312	998.6	964.3	+0.1	28.2	25.3	23.9	29.7	77	+ 2	5.5	+0.1	6.5	0	1	20	03	3	8	3	3	0	0	1	10	0
	1130	312	998.6	964.5	..	30.5	25.9	23.6	29.1	70	..	5.4	..	10.0	0	1	27	03	3	3	2	13	2	2	0	3	0
	1730	312	995.2	961.4	-1.0	31.9	26.2	23.6	29.1	64	+ 3	4.9	+0.2	8.3	0	1	28	03	5	1	1	5	3	9	2	2	0
	2330	312	997.1	968.8	..	28.2	25.4	23.9	29.7	79	..	3.3	..	5.0	0	0	18	02	3	8	1	3	1	0	0	13	0
AMRITSAR	0530	234	997.4	971.4	..	26.6	25.0	24.3	30.4	87	..	5.1	..	8.8	0	4	19	00	3	9	8	1	0	0	2	8	0
	0830	234	998.4	972.5	+0.0	29.3	25.7	24.2	30.2	76	+ 1	4.7	+0.9	12.0	0	8	19	03	3	7	9	3	1	1	0	4	0
	1130	234	998.2	972.6	..	32.3	26.5	24.2	30.2	66	..	4.7	..	13.7	0	7	23	02	2	7	11	4	1	1	2	1	0
	1430	234	996.5	971.1	..	33.6	26.9	24.0	29.8	[illegible]	..	4.7	..	14.3	0	11	17	01	5	10	5	3	2	1	1	3	0
	1730	234	994.8	969.4	-0.1	33.6	26.6	23.4	28.7	59	- 2	4.1	+0.9	13.7	0	6	21	01	3	5	8	3	1	4	1	4	1
	2030	234	995.8	970.1	..	30.3	26.2	24.3	30.4	72	..	3.6	..	9.0	0	2	21	02	3	6	7	1	2	2	0	8	0
ADAMPUR AERODROME	0830	249	998.4	970.9	..	28.4	24.5	22.7	27.6	73	..	5.0	..	15.1	0	9	18	01	2	9	14	1	0	0	0	4	0
	1730	249	995.5	968.4	..	31.9	25.3	[illegible]	26.7	59	..	4.5	..	11.0	0	4	24	02	3	4	9	4	1	2	3	5	0
LUDHIANA	0830	247	998.3	971.1	-0.1	28.6	25.5	[illegible]	29.1	77	+ 3	5.8	+1.3	4.4	0	0	22	00	1	3	16	0	1	0	1	9	0
	1730	247	994.8	968.0	-0.2	32.8	26.1	23.6	29.1	62	+ 2	3.7	-0.3	5.2	0	0	22	01	9	0	9	1	1	0	1	9	0
FEROZEPUR	0830	200	998.9	976.7	+1.0	29.2	25.8	24.4	30.5	77	+ 4	3.8	+0.8	2.3	0	0	23	03	5	1	9	3	1	1	0	8	0
	1730	200	996.2	974.5	+1.7	34.2	27.1	24.0	29.8	59	+ 3	3.3	+0.4	2.1	0	0	24	11	3	1	4	2	0	0	3	7	0
HALWARA AERODROME	0530	242	997.1	970.3	..	26.2	24.9	24.3	30.4	89	..	5.0	..	14.0	0	4	23	00	5	9	13	2	0	0	0	2	0
	0830	242	998.2	971.5	..	28.3	25.6	24.3	30.4	81	..	5.7	..	16.5	0	8	22	00	4	9	15	1	1	0	0	1	0
	1130	242	998.2	971.7	..	31.3	26.4	24.3	30.4	68	..	5.6	..	18.2	0	6	23	00	1	7	15	6	1	0	0	0	1
	1730	242	994.9	968.6	..	32.3	26.6	23.9	29.7	64	..	4.9	..	18.6	0	10	21	02	3	5	11	4	0	2	4	0	0
	2330	242	997.1	970.4	..	27.7	25.6	24.6	30.9	84	..	2.7	..	14.6	0	6	22	00	2	8	17	0	0	1	0	3	0
PATIALA	0830	251	998.6	970.8	-0.1	27.2	25.5	24.7	31.1	86	+ 4	5.7	+1.0	8.0	0	6	8	00	0	0	11	0	0	0	3	17	0
	1730	251	995.5	968.1	+0.0	31.2	26.8	[illegible]	31.5	70	+10	4.9	+0.1	6.5	0	4	7	00	0	0	9	1	0	0	1	20	0
BHATINDA	0830	211	997.8	974.4	..	29.6	25.4	23.2	28.4	71	- 1	2.7	+0.0	3.3	0	0	24	00	4	0	19	0	2	0	1	5	0
	1730	211	994.6	971.5	..	33.3	26.2	23.7	27.6	59	+ 0	1.7	-1.1	2.3	0	0	22	01	1	0	10	0	1	0	9	9	0
HIMACHAL PRADESH																											
MANDI	0830	761	999.3	916.5	-0.1	23.2	22.2	21.7	25.0	91	+ 3	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	761	995.0	914.1	+0.3	28.0	24.1	22.5	26.0	72	- 1	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BILASPUR	0830	587	999.2	935.2	-0.3	25.6	24.0	[illegible]	28.6	87	+ 3	5.9	-0.2	1.2	0	0	16	00	2	0	2	0	5	0	7	15	0
	1730	587	995.7	932.7	+0.1	29.4	25.0	23.3	28.6	69	+ 1	4.3	-1.4	3.2	0	0	28	01	6	1	4	0	8	0	8	3	0
JAMMU AND KASHMIR																											
MISGAR	0830		(R)																								
	1730		(R)																								
GILGIT	0830		(R)																								
	1730		(R)																								
SKARDU	0830		(R)																								
	1730		(R)																								
LEH	0830	3514	3071.3	664.8	+0.2	15.6	7.4	- 0.7	2.7	35	-14	3.4	-0.3	4.2	0	0	2	00	0	0	0	0	2	0	0	28	0
	1130	3514	3071.6	664.1	..	9.4	8.8	- [illegible]	4.8	43	..	3.4	..	3.9	0	0	21	00	20	0	0	0	1	0	0	9	0
	1730	3514	3009.5	661.1	-0.5	22.9	12.9	[illegible]	1.0	34	+ 0	3.7	+0.0	4.5	0	0	27	00	5	0	0	3	10	7	2	4	0
SRINAGAR	0230	1587	1410.3	833.0	..	20.6	18.3	[illegible]	19.6	81	..	3.5	..	2.8	0	0	22	00	0	1	10	0	0	0	11	9	0
	0530	1587	1411.2	833.2	..	19.6	18.0	[illegible]	19.6	85	..	4.1	..	2.1	0	0	22	00	0	1	10	0	0	0	11	9	0
	0830	1587	1419.6	834.3	-0.1	22.9	19.1	[illegible]	20.3	74	+ 1	3.9	-0.1	2.6	0	0	25	01	0	1	14	0	0	1	8	6	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — JULY ,1968 (10 ASADHA - 9 SRAVANA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ...	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry bulb	Mean temperature in °C: Wet bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	Wind speed (Km. p. h.): 62 or more	Wind speed (Km. p. h.): 20 to 61	Wind speed (Km. p. h.): 1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
JAMMU AND KASHMIR (CONTD.)																											
SRINAGAR	1130	1587	1415.2	833.8	..	24.6	20.7	18.2	20.9	59	..	4.0	..	2.5	0	0	26	03	3	1	6	0	0	2	11	5	0
	1430	1587	1396.0	831.9	..	28.9	21.2	17.9	20.5	51	..	3.5	..	2.1	0	0	24	04	0	0	6	1	0	0	13	7	0
	1730	1587	1384.6	831.0	-0.3	28.6	21.1	17.5	20.0	53	+ 4	3.9	+0.3	1.9	0	0	22	02	0	2	6	0	0	2	10	9	0
	2030	1587	1391.2	831.4	..	24.4	20.3	18.1	20.8	69	..	3.3	..	2.5	0	0	22	03	0	0	10	1	0	0	8	9	0
	2330	1587	1404.2	832.5	..	22.3	19.1	17.6	20.1	73	..	2.8	..	2.5	0	0	22	00	10	0	12	0	0	0	10	9	0
SRINAGAR AERODROME	0530	1666	1414.8	825.8	..	18.9	16.4	15.4	17.5	78	..	5.3	..	4.5	0	0	16	00	3	0	2	0	5	6	0	15	0
	0830	1666	1420.2	826.6	..	22.6	18.5	16.3	18.5	69	..	4.2	..	5.6	0	0	22	04	1	3	2	2	6	3	0	9	1
	1130	1666	1416.4	826.5	..	25.9	19.5	16.1	18.3	57	..	4.4	..	8.1	0	0	29	03	7	3	3	4	3	4	0	2	2
	1730	1666	1391.6	824.4	..	27.8	18.9	14.1	16.1	46	..	4.5	..	9.6	0	1	25	06	2	1	4	1	1	6	5	5	0
	2330	1666	1407.3	825.3	..	21.6	16.9	14.0	16.0	64	..	3.4	..	6.6	0	0	20	02	3	2	4	2	3	1	3	11	0
GULMARG	0830	2655	3078.6	736.0	-0.7	17.6	14.1	11.8	13.8	71	- 4	4.7	+0.6	3.2	0	0	23	00	21	0	1	0	0	0	1	8	0
	1730	2655	3065.4	734.5	..	14.8	15.7	13.1	15.1	68	..	4.6	..	3.5	0	0	24	00	16	1	0	1	0	0	6	7	0
QAZIGUND	0830	1690	..	..	..	20.6	18.1	16.5	18.8	79	..	4.5	..	1.3	0	0	9	01	1	2	0	1	1	3	0	22	0
	1730	1690	..	..	..	26.2	20.6	17.9	20.5	63	..	4.4	..	10.6	0	4	13	00	0	0	0	6	2	9	0	14	0
BANIHAL	0830	1630	1420.4	829.8	..	21.1	18.7	17.9	20.5	81	..	5.0	..	1.0	0	0	7	02	0	0	0	5	0	0	0	24	0
	1730	1630	1394.3	827.7	..	25.8	20.7	18.7	21.6	84	..	4.0	..	3.2	0	0	20	00	0	0	0	20	0	0	0	11	0
JAMMU	0830	366	997.4	957.1	..	28.0	25.0	23.7	29.3	79	+ 8	4.6	-0.3	4.2	0	0	26	03	17	1	3	2	0	0	0	5	0
	1730	366	998.7	959.0	..	32.3	26.5	24.0	29.8	64	..	4.7	..	1.3	0	0	13	00	13	0	0	0	0	0	0	15	0
JAMMU AERODROME	0530		(R)																								
	0830	292	998.6	966.3	..	28.4	25.0	23.5	28.9	76	..	5.3	..	6.3	0	1	20	01	3	2	7	5	0	1	2	10	0
	1130	292	998.4	966.3	..	31.0	25.9	23.6	29.1	67	..	4.8	..	8.4	0	4	19	01	2	0	9	8	1	2	0	8	0
	1730	292	995.1	963.4	..	32.9	25.9	22.5	27.3	57	..	4.5	..	6.3	0	2	16	00	3	0	2	7	4	1	1	13	0
	2330	292	997.1	964.8	..	28.5	25.2	23.6	29.1	77	..	4.1	..	4.5	0	1	10	00	7	1	1	1	0	0	1	20	0
GULMARG (RESEARCH INSTITUTE)	0830		..	..	..	17.2	13.8	11.4	13.5	72	..	4.0	..	2.8	0	0	29	01	2	15	4	2	1	3	1	2	0
	1130		..	..	..	19.6	15.6	13.1	15.1	68	..	4.8	..	3.0	0	0	30	01	1	10	6	1	1	8	2	1	0
	1730		..	..	..	19.3	15.3	12.8	14.8	68	..	5.0	..	3.3	0	0	28	00	0	14	7	1	0	3	3	3	0
RAJASTHAN,WEST																											
GANGANAGAR	0530	177	996.1	976.4	..	28.5	24.9	23.3	28.6	75	..	3.4	..	2.2	0	0	15	01	3	2	4	1	4	0	0	16	0
	0830	177	997.1	977.6	+0.0	30.4	25.6	23.3	28.8	67	+ 3	3.7	+1.7	9.6	0	0	23	00	3	4	9	1	6	0	0	8	0
	1130	177	996.8	977.6	..	34.7	26.2	22.1	26.6	51	..	4.0	..	3.7	0	0	24	00	1	2	10	2	5	4	0	7	0
	1730	177	993.4	974.4	-0.9	37.1	26.6	21.7	25.9	43	- 4	3.0	+0.3	3.2	0	0	28	02	9	0	8	0	4	1	4	3	0
	2330	177	996.1	976.6	..	31.1	25.7	23.2	28.4	65	..	1.4	..	2.4	0	0	14	00	4	2	6	0	2	0	0	17	0
ANUPGARH	0830		(R)																								
	1730		(R)																								
CHURU	0830	291	997.7	965.8	-0.8	29.9	26.0	24.2	30.2	74	- 2	4.3	-0.4	9.8	0	3	28	02	0	4	0	4	5	14	2	0	0
	1730	291	994.6	963.5	-0.2	34.1	27.1	24.1	30.2	61	+ 4	5.2	-0.3	11.4	0	3	26	03	5	4	1	0	2	9	5	2	0
BIKANER	0830	224	997.7	973.1	-0.1	31.4	25.4	22.6	27.4	61	- 6	4.0	+1.7	8.4	0	0	29	00	0	2	1	2	16	6	2	2	0
	1730	224	994.3	970.3	+0.3	36.8	25.5	19.6	22.8	42	- 6	5.0	+2.1	7.6	0	0	27	01	1	1	2	4	11	4	3	4	0
BIKANER P.B.O.	0530	224	996.0	971.4	..	29.9	24.4	21.5	25.6	63	..	3.9	..	5.5	0	0	26	00	1	1	0	1	18	4	1	5	0
	1130	224	997.1	972.8	..	35.5	25.6	20.7	24.4	44	..	3.3	..	7.0	0	0	29	01	3	1	0	1	15	7	1	2	0
	1430	224	994.9	970.9	..	38.5	25.9	19.5	22.7	36	..	3.9	..	5.5	0	0	28	02	2	0	3	2	15	1	3	3	0
	2030	224	994.7	970.4	..	34.5	25.2	20.4	24.0	47	..	4.1	..	7.5	0	0	26	02	2	1	1	9	8	0	3	5	0
	2330	224	996.1	971.6	..	32.0	24.7	20.9	24.7	55	..	4.1	..	6.6	0	0	27	00	3	0	5	10	9	0	0	4	0
NAGAUR	0830	298	997.8	965.7	+1.1	30.0	25.9	24.2	30.2	74	+ 3	4.9	-0.1	9.2	0	7	23	01	1	2	0	10	11	4	1	1	0
	1730	298	994.1	962.1	+0.2	32.5	26.4	23.5	28.9	54	+ 2	5.8	+0.4	9.8	0	1	30	03	2	2	2	8	8	2	4	0	0
PHALODI	0830	234	998.2	972.5	-0.5	30.2	25.1	22.7	27.6	65	-11	2.9	-1.6	16.8	0	12	19	00	0	0	0	5	14	10	2	0	0
	1730	234	994.8	969.8	-0.5	38.1	26.5	21.0	24.9	39	-12	3.3	-1.0	17.3	0	11	20	02	1	1	1	7	11	6	2	0	0
JAISALMER	0830	242	997.1	970.4	-0.9	28.4	0.0	0.0	0.0	0	..	.	..	27.0	0	29	2	00	0	0	0	15	16	0	0	0	0
	1730	242	992.8	967.0	-0.9	38.4	27.5	22.6	27.4	42	- 9	.	..	19.6	0	18	12	00	2	0	1	12	13	1	1	1	0
JODHPUR	0230	224	996.7	972.1	+4.2	30.2	25.0	22.5	27.3	66	+15	2.7	-0.7	13.1	0	4	27	00	0	0	0	2	19	8	2	0	0
	0530	224	997.2	972.4	..	28.5	24.5	22.5	27.3	71	..	3.9	..	13.6	0	3	29	00	0	1	0	1	21	7	1	0	0
	0830	224	998.9	974.1	-0.3	29.2	24.9	22.7	27.6	70	- 5	4.5	-1.2	17.4	0	9	22	00	0	1	0	3	11	15	1	0	0
	1130	224	998.7	974.3	..	32.9	25.7	22.4	27.1	55	..	4.6	..	16.5	0	4	27	00	0	1	0	3	11	12	4	0	0
	1430	224	996.3	972.2	..	36.5	26.2	21.4	25.5	44	..	4.8	..	15.2	0	5	26	02	0	1	0	1	14	7	6	0	0
	1730	224	994.7	970.6	-0.5	36.3	26.2	21.4	25.5	44	-10	5.2	-0.1	15.7	0	6	24	01	2	1	1	4	12	8	1	1	0
	2030	224	996.3	971.8	..	32.6	25.5	22.1	26.6	56	..	5.1	..	13.2	0	4	25	00	2	0	1	7	10	9	0	2	0
	2330	224	997.4	972.8	..	30.9	25.5	22.8	27.7	63	..	3.7	..	12.7	0	2	29	02	0	0	1	6	13	8	1	0	0
BARMER	0530	194	997.0	975.3	..	25.6	22.0	20.0	26.4	72	..	3.6	..	9.0	0	2	29	00	0	0	0	5	14	12	0	0	0
	0830	194	998.0	976.5	-0.7	29.8	24.6	22.1	26.6	64	-13	3.9	-1.6	6.5	0	0	28	00	0	0	0	1	20	5	2	3	0
	1130	194	997.8	976.6	..	34.7	25.9	22.0	26.4	49	..	3.2	..	2.6	0	0	30	00	0	0	0	3	20	5	2	1	0
	1730	194	993.7	973.0	-1.0	39.0	26.5	20.7	24.4	36	-16	3.1	-1.3	6.4	0	0	29	00	0	0	0	1	3	23	2	2	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — JULY ,1968 (10 ASADHA - 9 SRAVANA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or M. in gpm. of mean standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
RAJASTHAN WEST (CONTD)																											
BARMER	2330	194	996.8	975.6	..	31.3	24.3	20.9	24.7	55	..	2.6	..	8.0	0	1	30	01	0	0	0	3	18	8	0	1	(
JAWAI BANDH	0830	295	999.6	967.0	-0.4	28.2	24.6	23.2	28.4	75	- 5	4.9	-1.2	4.3	0	0	30	00	1	0	3	7	14	5	0	1	(
	1730	295	996.1	964.1	-0.6	32.6	25.8	22.7	27.6	58	- 8	6.0	+0.1	4.5	0	0	27	00	0	1	1	9	11	4	1	4	(
JALORE	0830		..	..	..	29.5	25.5	23.8	29.5	73	..	..	..	13.7	0	7	24	00	0	0	1	2	21	4	3	0	(
	1730		..	..	..	35.3	26.8	23.1	28.3	51	..	..	..	12.4	0	4	27	00	0	0	3	4	17	5	2	0	(
RAJASTHAN,EAST																											
PILANI	0830	301	998.0	964.9	-0.8	28.8	26.2	25.1	31.9	82	+17	4.5	+1.5	12.8	0	4	27	01	1	7	6	1	10	3	2	0	0
	1730	301	994.7	962.3	-0.4	32.8	27.5	25.3	32.2	69	+18	5.8	+1.7	15.0	0	5	26	03	2	6	6	2	5	2	5	0	0
SIKAR	0830	433	997.3	950.4	-1.3	28.1	24.8	22.8	27.7	76	+ 0	2.7	-1.9	0.7	0	0	10	00	0	0	1	0	0	9	0	21	0
	1730	433	994.3	947.9	-0.9	33.0	26.1	22.9	27.9	60	+ 3	2.8	-3.1	0.4	0	0	8	00	0	0	0	0	0	8	0	23	0
ALWAR	0830	271	997.5	967.6	-0.7	28.5	25.7	24.4	30.5	80	+ 1	6.2	+0.6	1.1	0	0	16	03	2	5	3	1	0	0	2	15	0
	1730	271	994.5	965.0	-0.9	31.0	26.3	24.1	30.0	69	+ 1	6.3	+0.5	2.2	0	0	24	03	8	1	6	1	0	3	2	7	0
JAIPUR(SANGANER)	0230	390	996.5	953.7	..	27.3	24.3	22.8	27.7	78	..	5.0	..	3.5	0	0	19	01	0	5	2	0	2	6	3	12	0
	0530	390	996.7	953.8	..	26.4	25.1	22.9	27.9	82	..	5.9	..	4.2	0	0	19	01	0	3	1	0	2	8	4	12	0
	0830	390	997.8	955.1	-1.1	28.5	24.9	23.0	28.1	73	- 2	5.3	+0.2	8.0	0	1	24	01	0	3	1	0	2	9	9	6	0
	1130	390	997.4	955.1	..	31.7	25.3	22.2	26.7	61	..	5.8	..	11.6	0	0	29	02	1	3	2	0	1	7	13	2	0
	1430	390	995.5	953.5	..	32.5	25.5	22.0	26.4	59	..	6.2	..	11.1	0	0	30	03	2	4	1	0	1	11	8	1	0
	1730	390	994.5	952.5	-0.9	31.4	25.1	21.8	26.1	62	+ 0	6.6	+0.7	10.4	0	1	30	01	2	5	3	1	2	11	6	0	0
	2030	390	996.2	953.6	..	29.3	24.8	22.5	27.3	69	..	6.5	..	6.1	0	1	21	01	2	4	2	1	2	5	5	9	0
	2330	390	997.2	954.5	..	28.1	24.4	22.4	27.1	75	..	6.0	..	4.5	0	0	20	01	2	5	4	0	4	3	2	10	0
DHOLPUR	0830	176	998.0	978.6	-1.3	28.3	25.6	24.4	30.5	81	+ 2	5.1	-0.6	1.4	0	0	9	00	1	1	0	1	1	4	1	22	0
	1730	176	994.6	975.2	-1.4	30.8	26.2	24.2	30.2	70	+ 1	5.4	-0.8	1.9	0	0	14	02	1	4	0	1	0	5	1	17	0
AJMER	0830	486	998.1	945.3	-0.7	27.9	24.3	22.8	27.7	75	+ 0	5.3	-0.3	14.6	0	11	17	00	1	0	0	1	11	14	1	3	0
	1730	486	995.0	943.0	-0.2	31.9	25.6	23.0	28.1	63	+ 4	5.3	-0.4	10.0	0	2	26	02	1	2	1	0	8	11	3	3	0
TONK	0830	272	997.1	967.2	-0.4	29.9	25.5	23.7	29.3	74	- 2	5.0	-1.1	6.8	0	0	31	01	1	4	0	1	4	16	4	0	0
	1730	272	993.7	964.2	-0.4	32.3	25.7	22.3	26.9	62	- 2	5.3	-0.5	5.8	0	0	31	02	5	2	0	3	0	15	4	0	0
BHILWARA	0830	425	998.9	952.3	..	27.8	25.3	24.1	30.0	81	..	5.7	..	9.7	0	2	29	02	0	0	0	0	22	4	3	0	0
	1730	425	995.7	949.9	..	31.7	27.1	25.1	31.9	69	..	6.5	..	11.2	0	2	29	01	4	0	0	2	15	2	7	0	0
KOTA	0830	257	998.7	969.8	-1.1	29.5	25.3	23.5	28.9	72	- 2	6.2	+0.2	10.8	0	7	17	00	1	0	0	0	5	15	3	7	0
	1730	257	995.1	967.2	-0.9	32.4	26.1	23.1	28.3	66	+ 1	6.3	-0.2	7.2	0	2	22	01	0	0	1	0	9	4	9	7	0
KOTA AERODROME	0530	274	997.3	967.0	..	27.5	24.5	23.1	28.3	78	..	6.8	..	15.2	0	8	23	01	0	1	0	2	11	15	1	0	0
	0830	274	998.6	968.4	..	28.8	24.9	23.1	28.3	73	..	5.8	..	18.2	0	14	17	00	2	1	0	1	11	13	3	0	0
	1130	274	998.4	962.5	..	31.5	25.5	22.6	27.4	60	..	6.2	..	19.8	0	18	12	04	0	2	0	0	7	11	6	1	0
	1730	274	995.5	965.7	..	31.7	25.3	22.1	26.6	61	..	6.8	..	15.0	0	8	22	04	1	3	0	1	12	4	5	1	0
	2330	274	998.3	968.0	..	28.5	24.6	22.7	27.6	73	..	5.6	..	15.6	0	12	18	00	0	3	1	1	14	9	2	1	0
CHAMBAL (RAWAT BHATTA DAM)	0830	351	997.8	959.3	-1.7	28.0	25.0	23.7	28.3	78	+ 6	5.2	+0.4	6.0	0	1	25	01	0	0	0	2	10	8	5	5	0
	1730	351	994.6	956.5	-1.9	30.5	25.6	23.3	28.6	69	- 3	6.0	+0.1	9.0	0	2	28	04	1	0	1	4	14	5	1	1	0
UDAIPUR	0230	582	998.7	935.4	..	26.4	23.4	22.0	26.4	78	..	5.4	..	4.2	0	0	22	00	0	1	0	1	17	2	1	9	0
	0530	582	998.6	935.2	..	25.6	23.0	21.9	26.3	81	..	5.9	..	2.6	0	0	13	00	0	0	0	0	11	0	2	18	0
	0830	582	999.6	936.3	-0.6	26.8	23.4	21.9	26.3	75	- 3	5.5	-0.9	3.9	0	0	25	00	0	0	0	0	20	1	4	6	0
	1130	582	999.3	936.6	..	29.8	24.2	21.8	26.1	65	..	6.0	..	5.5	0	0	28	00	0	0	0	2	14	8	4	3	0
	1730	582	996.8	934.3	-0.6	29.5	24.3	22.0	26.4	65	- 5	6.6	+0.0	6.2	0	0	30	02	0	0	1	2	15	8	1	1	1
	2330	587	999.6	936.2	..	26.7	23.6	22.2	26.7	77	..	5.6	..	3.2	0	0	19	00	0	0	0	1	15	2	1	12	0
JHALAWAR	0830	321	999.8	964.4	+0.2	27.6	24.3	22.6	27.4	78	- 3	6.6	+1.0	5.5	0	0	31	00	1	0	0	0	9	18	3	0	0
	1730	321	995.6	960.7	-0.7	31.4	24.8	21.6	25.8	60	- 9	6.7	+1.0	5.2	0	0	26	01	0	0	0	0	11	12	2	5	0
BANSWARA	0830		..	..	..	26.9	24.9	24.0	29.8	84	..	3.8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	31.1	25.7	23.3	28.6	67	..	3.6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
DUNGARPUR	0830		..	..	..	27.0	26.0	25.8	33.2	95	..	6.9	..	3.6	0	0	29	00	0	0	0	1	20	6	2	2	0
	1730		..	..	..	30.3	27.6	26.6	34.8	81	..	5.0	..	4.1	0	0	29	00	0	0	0	0	14	9	6	2	0
MADHYA PRADESH,WEST																											
GWALIOR	0230	207	996.8	973.9	..	27.3	25.4	24.5	30.7	86	..	5.5	..	6.5	0	0	23	00	4	1	0	11	4	2	1	8	0
	0530	207	996.8	973.8	..	26.8	25.0	24.3	30.2	87	..	6.5	..	6.5	0	0	25	01	1	3	1	6	6	3	4	6	0
	0830	207	998.1	975.2	-0.4	28.6	25.4	23.9	29.8	78	+ 4	6.3	+0.2	7.9	0	0	30	02	1	3	1	6	4	9	4	1	0
	1130	207	998.1	975.3	..	30.4	26.2	24.2	30.5	72	..	6.5	..	9.6	0	1	30	02	2	5	3	2	5	6	6	0	0
	1430	207	996.2	973.6	..	30.8	26.2	24.1	30.2	71	..	6.6	..	8.5	0	0	31	02	5	2	2	2	2	7	9	0	0
	1730	207	995.1	972.4	-0.4	30.5	26.3	24.4	30.7	73	+ 7	6.0	+0.5	7.6	0	0	29	01	3	7	1	1	2	7	7	2	0
	2030	207	996.8	973.9	..	28.8	25.9	24.5	31.1	80	..	5.9	..	6.7	0	0	27	02	3	4	3	8	3	2	2	4	0
	2330	207	997.7	974.8	..	27.5	25.6	24.5	31.1	85	..	6.0	..	6.8	0	0	25	00	0	3	4	9	8	0	1	6	0
SHEOPUR	0830	235	998.2	972.5	-0.7	28.0	25.4	24.2	30.6	82	+ 2	6.5	-0.3	6.5	0	0	27	02	0	0	0	12	2	11	0	4	0
	1730	235	995.0	969.4	-0.8	31.7	25.9	23.0	28.6	66	- 1	6.9	+0.1	9.2	0	2	29	01	4	5	1	7	3	7	3	0	0

TABLE III – SUMMARY OF OBSERVATIONS AT FIXED HOURS – JULY ,1968 (10 ASADHA – 9 SRAVANA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At station and level or M.S.L. in gpm. of nearest standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry Bulb	Mean temperature in °C: Wet Bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	Wind Speed (Km. p. h.): 62 or more	Wind Speed (Km. p. h.): 20 to 61	Wind Speed (Km. p. h.): 1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH, WEST(CONTD)																											
SHIVPURI	0830	464	998.6	947.7	..	26.4	23.9	22.9	27.9	83	..	5.4	..	7.5	0	1	27	00	0	2	1	1	4	14	6	3	0
	1730	464	995.1	944.8	..	29.1	24.8	23.0	28.3	73	..	6.8	..	10.2	0	4	25	05	3	2	2	0	8	7	4	2	0
NOWGONG	0830	229	999.1	973.7	+0.0	27.5	25.5	24.6	30.9	85	+ 4	6.4	+0.3	5.2	0	0	26	00	1	2	2	7	10	3	1	5	0
	1730	229	995.9	970.8	+0.1	30.0	26.1	24.5	30.7	75	+ 1	6.7	+0.3	5.6	0	1	24	00	6	0	2	0	11	0	6	6	0
GUNA	0530	478	998.5	945.8	..	24.5	23.5	23.0	28.3	92	..	7.0	..	11.4	0	3	28	02	1	0	2	5	11	9	1	0	0
	0830	478	999.3	946.7	-0.7	25.8	24.1	23.5	28.6	88	+ 4	7.2	+1.3	6.8	0	1	29	01	0	1	0	3	2	23	0	1	0
	1130	478	999.1	947.0	..	28.6	25.0	23.5	28.9	77	..	7.2	..	11.2	0	0	30	02	1	0	0	2	9	11	5	1	0
	1430	478	996.9	945.2	..	30.2	25.5	23.4	29.3	71	..	7.0	..	13.6	0	4	26	07	0	0	0	1	7	11	4	1	0
	1730	478	996.0	944.1	-0.4	29.0	24.8	23.0	28.3	74	+ 0	7.6	+1.2	11.2	0	1	30	04	1	2	0	2	6	11	5	0	0
	2330	478	999.2	946.5	..	25.3	23.8	23.2	28.3	89	..	6.8	..	10.5	0	0	31	02	1	1	2	7	11	7	0	0	0
NIMACH	0830	496	1000.2	945.8	-0.4	25.9	23.6	22.7	27.6	83	+ 0	7.0	+0.4	18.6	0	12	19	00	0	0	0	0	6	19	5	0	1
	1730	496	997.4	943.6	-0.2	28.5	24.3	22.5	27.3	72	+ 3	7.3	+0.6	16.6	0	12	19	00	2	0	1	2	8	16	1	0	1
RAJGARH	0830	382	999.8	957.7	+0.2	26.5	24.4	23.4	28.9	84	+ 1	7.2	+0.6	15.0	0	7	24	01	0	0	1	0	3	23	3	0	0
	1730	382	996.7	955.2	+0.1	29.9	25.1	23.0	27.9	70	+ 0	6.9	+0.1	13.6	0	6	24	04	0	0	0	1	2	19	4	1	0
SAGAR	0830	551	999.4	939.0	+0.0	25.1	23.1	22.0	26.7	84	- 7	6.2	-0.5	10.5	0	0	31	00	5	6	0	0	4	10	6	0	0
	1730	551	996.3	936.6	+0.1	27.7	24.5	23.1	28.4	78	- 4	6.6	+0.0	9.3	0	0	31	00	9	9	0	0	1	4	8	0	0
RATLAM	0830	486	1000.8	947.3	-0.5	25.4	23.7	22.9	27.9	87	- 3	8.0	+0.5	16.3	0	13	18	00	0	0	0	0	8	20	3	0	0
	1730	486	997.4	944.6	-0.9	29.0	24.8	23.1	28.3	72	- 1	7.5	+0.2	15.3	0	7	24	00	0	0	0	0	9	16	6	0	0
BHOPAL(BAIRAGARH)	0230	523	999.0	941.5	..	24.4	22.6	21.8	26.1	87	..	7.3	..	12.8	0	3	26	01	0	0	1	1	17	7	2	2	0
	0530	523	999.0	941.4	..	24.1	22.6	21.9	26.3	88	..	7.7	..	14.3	0	5	26	01	0	0	0	1	12	15	2	0	0
	0830	523	1000.4	942.9	-0.4	25.3	23.3	22.4	27.1	85	- 1	7.6	+0.6	17.6	0	11	20	01	0	0	0	0	9	18	3	0	0
	1130	523	1000.0	943.0	..	27.9	24.2	22.6	27.6	75	..	7.1	..	18.2	0	16	15	00	0	0	0	0	5	17	9	0	0
	1430	523	997.6	941.1	..	29.5	24.5	22.3	27.1	67	..	7.4	..	15.4	0	7	22	04	0	0	0	1	4	11	9	2	0
	1730	523	997.0	940.2	-0.4	27.8	23.8	22.0	26.6	73	+ 1	7.5	+0.5	15.2	0	7	23	02	1	0	0	1	9	12	5	1	0
	2030	523	999.3	942.0	..	25.9	23.4	22.2	26.9	82	..	7.6	..	11.6	0	2	26	00	0	0	0	4	13	9	2	3	0
	2330	523	1000.1	942.6	..	24.9	22.9	21.9	26.4	84	..	7.3	..	9.4	0	2	25	02	0	0	1	3	12	6	3	4	0
UJJAIN	0830	489	1000.9	947.0	..	24.9	23.6	23.1	28.3	90	..	7.8	..	15.2	0	7	24	00	0	0	0	1	1	26	3	0	0
	1730	489	997.7	944.5	..	28.0	24.6	23.3	28.4	77	..	7.5	..	20.0	0	17	13	00	2	0	1	1	1	20	5	1	0
NARSINGHPUR	0830	356	1000.2	960.8	..	26.2	24.5	23.7	29.3	86	..	6.8	..	4.1	0	0	29	00	0	1	0	0	7	20	0	2	1
	1730	356	996.8	957.8	..	28.6	25.1	23.6	28.9	76	..	6.5	..	2.0	0	0	30	01	1	0	0	0	20	7	1	1	0
HOSHANGABAD	0830	302	1001.1	967.5	+0.3	25.5	24.2	23.6	29.3	89	+ 2	7.1	-0.1	2.0	0	0	31	00	0	0	1	2	26	0	2	0	0
	1730	302	997.2	964.0	-0.3	28.6	25.3	23.7	29.7	76	- 2	7.5	+0.6	2.8	0	0	31	00	3	0	11	0	11	0	6	0	0
INDORE	0530	567	1000.0	937.5	..	23.3	22.2	21.7	25.9	90	..	7.2	..	17.9	0	10	21	00	0	0	0	0	22	9	0	0	0
	0830	567	1001.2	938.8	+0.0	24.3	22.7	22.0	26.4	88	+ 0	7.2	-0.1	22.3	0	19	12	00	0	0	0	1	13	17	0	0	0
	1130	567	1000.8	939.0	..	26.5	23.6	22.3	26.9	78	..	6.9	..	21.7	0	15	16	00	0	0	0	0	13	12	6	0	0
	1730	567	998.0	936.3	+0.0	26.6	23.4	21.9	26.4	77	+ 5	7.1	+0.1	23.8	0	20	11	00	1	0	0	1	17	9	3	0	0
	2330	567	1000.8	938.5	..	24.2	22.7	22.0	26.6	88	..	6.3	..	15.7	0	8	23	00	0	0	0	1	25	4	1	0	0
RAJPUR(JHABUA)	0830	293	1002.0	969.4	+0.2	25.9	24.1	23.3	28.6	86	- 2	7.3	+0.1	16.3	0	15	15	00	0	0	0	0	2	28	0	1	0
	1730	293	999.5	967.3	+0.7	29.2	24.6	22.5	27.1	70	- 4	6.1	-0.9	14.4	0	8	23	00	0	0	0	0	2	29	0	0	0
CHHINDWARA	0830	685	1000.7	926.0	-0.3	24.3	22.6	21.8	26.3	87	+ 0	7.5	+1.0	7.0	0	0	31	00	0	0	0	7	3	18	3	0	0
	1730	685	997.0	923.3	-0.8	27.1	23.5	21.8	26.3	75	- 2	7.3	+0.6	5.2	0	0	29	02	1	0	0	0	12	1	13	2	0
SEUNI	0830	619	1000.4	932.8	+0.3	24.9	23.2	22.4	27.3	88	+ 2	7.1	-0.1	8.9	0	0	31	02	0	0	1	2	12	7	7	0	0
	1730	619	997.4	930.5	+0.2	26.8	24.2	23.0	28.3	81	+ 2	6.9	-0.3	9.3	0	0	30	03	1	2	1	4	8	7	4	1	0
BETUL	0830	653	1001.5	930.0	-0.4	23.9	22.6	22.0	26.6	89	+ 0	7.5	-0.2	7.6	0	0	30	00	0	0	1	0	3	19	7	1	0
	1730	653	998.0	927.3	-0.6	26.4	23.5	22.3	26.9	80	+ 2	7.8	+0.1	7.5	0	0	31	01	0	0	0	0	4	12	14	0	0
KHANDWA	0830	318	1001.6	966.3	+0.2	25.9	23.6	22.4	27.3	82	- 1	7.4	+0.4	5.8	0	0	31	01	0	0	0	2	16	7	5	0	0
	1730	318	998.3	963.4	+0.1	29.6	24.4	21.8	26.3	65	- 6	7.1	-0.1	6.2	0	0	31	02	0	2	0	3	8	9	7	0	0
TIKAMGARH	0830	346	997.7	959.5	..	26.1	24.3	23.3	28.9	85	..	5.8	..	6.8	0	0	28	00	1	1	1	3	13	9	0	3	0
	1730	346	994.8	957.1	..	29.9	25.5	23.4	28.9	66	..	6.5	..	6.7	0	0	31	08	3	0	0	0	12	7	1	0	0
MADHYA PRADESH,EAST																											
SATNA	0530	317	997.9	962.7	..	25.9	24.4	23.8	29.3	89	..	5.3	..	2.7	0	0	24	00	0	4	2	3	6	7	2	7	0
	0830	317	999.0	964.0	+0.1	27.6	25.0	23.8	29.5	81	- 1	5.9	-0.6	2.3	0	0	30	00	0	6	0	2	2	19	1	1	0
	1130	317	998.6	963.9	..	29.8	25.5	23.6	28.9	69	..	6.1	..	4.5	0	0	31	01	2	3	1	3	8	12	1	0	0
	1430	317	996.7	962.1	..	30.7	25.8	23.7	29.3	68	..	6.1	..	4.0	0	0	29	01	1	4	0	2	6	6	9	2	0
	1730	317	995.9	961.2	+0.1	29.4	25.5	23.8	29.3	74	- 1	6.0	-0.6	3.5	0	0	26	07	0	2	0	5	4	7	1	5	0
	2330	317	998.8	963.8	..	26.9	25.0	24.2	30.0	85	..	2.6	..	1.9	0	0	23	01	0	2	2	7	4	7	0	8	0
REWA	0830	299	998.3	965.3	..	28.0	26.4	24.3	30.4	80	..	6.9	..	4.0	0	0	27	01	2	1	1	3	7	10	2	4	0
	1730	299	995.2	962.5	..	30.0	25.8	24.1	29.8	73	..	7.4	..	4.7	0	0	29	03	3	2	1	2	7	7	4	2	0
SIDHI	0830	272	998.0	968.0	+0.5	28.2	25.8	24.7	31.3	82	+ 2	4.1	-1.4	1.0	0	0	14	00	0	5	0	5	2	2	0	17	0
	1730	272	995.7	965.9	+0.8	29.5	26.0	24.6	30.7	76	+ 4	3.9	-1.6	0.4	0	0	7	00	0	0	1	2	2	1	1	24	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — JULY 1968 (10 ASADHA - 9 SRAVANA, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mb.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lat. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind speed (Km. p. h.)			Wind direction									
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH, EAST (CONTD.)																											
UMARIA	0830	459	999.6	949.2	+0.2	26.2	24.2	23.4	28.8	85	+ 1	7.0	-0.1	4.2	0	0	28	02	0	2	0	2	8	14	0	3	0
	1730	459	996.5	946.6	+0.2	28.2	25.1	24.0	29.7	78	- 2	7.1	-0.2	4.6	0	0	31	07	1	3	0	2	4	16	2	0	1
JABALPUR	0530	393	998.9	955.5	..	24.9	23.9	23.5	28.8	92	..	6.9	..	3.0	0	0	20	00	0	0	2	4	5	7	2	11	0
	0830	393	1000.2	956.9	+0.3	26.5	24.7	23.9	29.7	86	+ 1	7.0	-0.2	5.0	0	0	25	00	1	0	0	2	10	11	1	6	0
	1130	393	999.7	956.8	..	28.7	25.6	24.2	30.4	78	..	7.0	..	5.8	0	0	30	03	0	0	0	3	9	11	4	1	0
	1430	393	997.4	954.7	..	30.0	26.0	24.3	30.4	73	..	7.1	..	6.9	0	0	29	03	1	0	0	2	10	9	4	2	0
	1730	393	996.7	953.9	+0.0	28.9	25.5	24.0	29.8	77	- 2	7.2	-0.2	4.6	0	0	26	01	3	2	0	4	7	6	3	5	0
	2030	393	999.0	955.9	..	26.9	25.1	24.2	30.4	86	..	6.3	..	3.2	0	0	16	01	1	0	2	3	4	4	1	15	0
	2330	393	999.7	956.4	..	26.1	24.6	23.9	29.7	88	..	6.9	..	3.4	0	0	19	00	0	0	3	4	10	2	0	12	0
AMBIKAPUR	0830	611	999.8	933.1	-0.6	25.8	24.1	23.3	28.6	86	- 1	6.6	+0.7	4.9	0	0	24	00	1	1	4	4	8	6	0	7	0
	1730	611	996.9	930.8	-0.4	26.6	24.6	23.6	29.5	83	+ 3	7.3	+1.6	5.9	0	0	31	07	0	4	0	11	2	7	0	0	0
JASHPURNAGAR	0830	779	999.8	915.8	..	24.5	22.8	22.0	26.6	86	..	6.3	..	2.9	0	0	26	01	6	0	1	1	13	1	3	5	0
	1730	779	996.6	913.1	..	25.8	23.4	22.4	27.1	82	..	6.1	..	1.9	0	0	20	02	3	0	0	1	12	0	2	11	0
PENDRA	0530	625	999.1	930.7	..	23.4	22.8	22.5	27.3	95	..	6.7	..	5.0	0	3	15	05	0	1	1	9	2	0	0	13	0
	0830	625	1000.0	931.9	+0.2	24.9	23.6	23.0	28.3	89	+ 3	6.1	-1.0	9.9	0	5	24	04	2	0	0	15	5	1	2	2	0
	1130	625	999.4	931.8	..	26.9	24.2	23.1	28.3	80	..	6.3	..	9.7	0	2	27	05	1	1	1	10	5	5	1	2	0
	1430	625	997.4	929.9	..	26.8	24.4	23.3	28.8	82	..	6.3	..	10.5	0	6	25	06	0	1	1	10	8	3	2	0	0
	1730	625	997.2	929.4	+0.1	25.6	24.0	23.3	28.6	87	+ 4	6.7	-0.6	6.2	0	0	30	05	1	0	1	13	8	0	2	1	0
	2330	625	1000.2	931.9	..	24.0	23.3	22.9	28.1	94	..	7.0	..	8.1	0	0	29	03	1	0	2	12	8	1	2	2	0
MANDLA	0830	443	1000.0	951.3	-0.6	25.7	24.3	23.7	29.3	89	+ 1	7.3	+0.4	3.6	0	0	16	03	0	0	0	7	2	1	3	15	0
	1730	443	997.0	948.7	-0.5	27.0	25.1	24.3	30.4	86	+ 7	7.1	+0.2	3.4	0	0	11	01	0	0	0	7	1	0	1	20	1
CHAMPA	0830	245	1000.4	973.2	-0.5	26.7	25.3	24.6	31.1	88	+ 2	7.3	+0.1	5.8	0	2	23	03	0	0	1	1	4	13	3	6	0
	1730	245	997.4	970.4	-0.3	29.6	26.5	25.3	32.2	78	+ 3	7.3	-0.2	10.6	0	5	25	03	3	0	1	1	10	11	1	1	0
RAIGARH	0830	220	1000.7	976.2	+0.0	27.2	25.1	24.2	30.0	84	- 1	7.5	+0.2	3.9	0	0	31	00	5	0	3	5	13	3	2	0	0
	1730	220	997.3	973.1	-0.2	30.1	26.1	24.6	30.5	73	- 2	7.5	+0.3	3.2	0	0	28	00	3	0	3	1	15	3	3	3	0
RAIPUR	0530	298	999.7	966.4	..	24.9	23.9	23.4	28.8	92	..	7.3	..	5.2	0	0	30	00	0	0	1	6	12	10	1	1	0
	0830	298	1000.9	967.8	+0.3	26.6	24.7	23.9	29.7	85	+ 0	7.3	+0.1	5.7	0	0	29	00	0	0	1	4	13	8	3	2	0
	1130	298	1000.6	967.8	..	28.8	25.5	24.0	30.0	76	..	7.0	..	7.3	0	0	30	01	1	0	0	4	6	15	3	1	0
	1430	298	998.2	965.6	..	29.9	25.7	23.8	29.7	71	..	6.9	..	7.6	0	0	31	00	1	0	0	2	9	16	3	0	0
	1730	298	997.9	965.1	+0.2	28.1	25.0	23.6	29.3	77	- 1	7.2	+0.1	6.1	0	0	29	02	2	0	0	2	8	12	3	2	0
	2030	298	1000.1	967.1	..	26.4	24.4	23.6	28.9	85	..	6.7	..	5.2	0	0	24	00	0	0	0	4	11	7	2	7	0
	2330	298	1000.8	967.6	..	25.5	24.2	23.6	29.3	88	..	6.8	..	6.0	0	0	29	01	0	0	0	8	9	9	2	2	0
KANKER	0830	402	1001.4	957.2	+0.2	26.7	24.5	23.5	28.9	83	+ 1	7.4	+2.1	4.5	0	0	24	00	0	0	0	0	24	0	0	7	0
	1730	402	996.3	954.5	+0.0	28.1	25.8	24.6	31.5	83	+ 4	6.6	-0.9	5.5	0	0	31	00	0	0	0	1	29	0	1	0	0
JAGDALPUR	0530	553	1001.1	940.3	..	23.1	21.9	21.4	25.3	91	..	7.5	..	4.0	0	0	18	00	0	0	0	[illegible]	8	1	1	13	0
	0830	553	1002.3	941.6	+0.4	24.5	22.7	21.8	26.3	85	- 1	7.5	+0.4	6.4	0	1	27	00	0	0	0	10	12	4	2	3	0
	1130	553	1001.6	941.5	..	26.8	23.5	22.0	26.6	76	..	7.4	..	7.7	0	1	28	01	0	0	0	5	16	7	0	2	0
	1430	553	999.3	939.5	..	27.8	23.9	22.7	26.9	73	..	7.3	..	8.3	0	1	27	01	0	0	0	4	12	10	1	3	0
	1730	553	999.2	939.1	+0.3	26.1	23.4	22.2	26.9	80	- 2	7.5	+0.2	6.3	0	0	27	00	0	0	1	8	12	6	0	4	0
	2030	553	1001.6	941.0	..	24.6	22.9	22.1	26.6	86	..	7.0	..	3.0	0	0	13	00	0	0	0	2	10	1	0	18	0
	2330	553	1002.1	941.3	..	23.9	22.6	22.0	26.6	90	..	6.8	..	3.4	0	0	18	00	0	0	0	6	10	1	1	13	0
GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																											
DEESA	0830	136	1000.8	985.2	+0.0	28.2	25.0	23.6	29.1	77	- 9	6.3	+0.0	6.8	0	0	30	00	0	0	5	0	17	1	7	1	0
	1730	136	997.1	982.2	+0.1	34.7	25.9	21.7	25.9	49	-15	5.5	-0.4	10.2	0	2	28	00	1	0	1	0	21	0	5	1	2
RADHANPUR	0830	30	1001.2	997.9	+1.6	28.9	26.4	25.4	32.4	81	- 4	5.2	-0.2	4.2	0	0	30	00	0	0	0	1	23	5	1	1	0
	1730	30	997.0	994.1	+0.4	35.3	27.3	23.8	29.5	51	-17	3.7	-0.7	3.5	0	0	30	00	0	0	1	1	24	4	0	1	0
IDAR	0830	219	1000.8	976.4	-0.1	27.3	24.5	23.2	28.4	79	-10	6.8	-0.6	4.8	0	0	29	00	0	0	0	5	14	10	0	2	0
	1730	219	996.8	973.0	-0.5	32.8	25.3	21.7	25.9	55	-15	7.0	-0.2	4.3	0	0	29	00	0	1	0	5	16	6	1	2	0
AHMADABAD	0230	55	999.9	993.7	..	27.9	25.0	23.6	29.1	79	..	5.7	..	12.2	0	4	26	01	0	0	0	2	19	7	1	1	0
	0530	55	999.8	993.6	..	27.2	25.0	23.9	29.7	83	..	6.4	..	10.0	0	4	25	00	0	0	0	1	15	12	1	2	0
	0830	55	1001.1	994.8	-0.4	28.4	25.5	24.2	30.2	79	- 7	6.3	-0.6	11.2	0	0	29	00	0	0	0	1	15	11	2	2	0
	1130	55	1001.1	994.9	..	31.2	26.2	23.9	29.7	66	..	6.4	..	14.2	0	3	28	00	0	0	1	1	12	14	3	0	0
	1430	55	999.1	993.0	..	33.7	26.4	23.1	28.3	56	..	6.5	..	13.0	0	0	30	01	0	0	1	1	10	12	5	1	0
	1730	55	997.4	991.3	-0.8	33.1	26.2	23.1	28.3	59	- 9	5.7	-1.0	14.1	0	10	19	01	0	1	1	6	13	6	1	2	0
	2030	55	999.0	992.7	..	30.1	25.9	24.0	29.8	71	..	6.0	..	16.9	0	10	21	00	0	1	0	13	14	3	0	0	0
	2330	55	1000.4	994.3	..	28.5	25.6	24.3	30.4	79	..	5.6	..	14.3	0	3	27	00	0	1	0	7	16	6	0	1	0
DOHAD	0830	333	1001.2	964.2	-0.8	25.7	24.0	23.3	28.6	87	+ 0	6.5	-0.7	22.8	0	21	10	00	0	0	0	0	16	15	0	0	0
	1730	333	998.0	959.6	-2.9	29.2	24.6	22.5	27.3	70	- 1	6.1	-0.2	21.0	0	15	16	00	0	0	0	0	21	8	2	0	0
VALLABH VIDYANAGAR	0830	44	1001.0	996.1	..	27.0	25.7	25.0	31.7	89	..	5.9	..	6.9	0	0	31	00	0	0	2	5	22	2	0	0	0
	1730	44	998.0	993.2	..	31.3	26.9	25.1	31.9	71	..	5.0	..	7.7	0	1	27	00	0	0	1	6	19	1	1	3	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — JULY ,1968 (10 ASADHA - 9 SRAVANA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mb. At mean sea level or in gen. of normal standard isobaric level	Mean pressure in mb. At station level	Mean pressure in mb. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mb.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations Wind speed (Km. P.H.) 62 & more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
GUJARAT REGION (INCLUDING DAMAN DADRA AND NAGAR HAVELI (CONTD.)																											
BARODA AERODROME	0830	38	1001.8	997.5	-0.4	27.8	25.8	24.9	31.5	85	- 2	6.2	-0.5	12.7	0	2	26	00	0	0	2	3	16	7	0	3	0
	1130	38	1001.7	997.5	..	30.4	26.1	24.3	30.4	71	..	6.4	..	14.6	0	9	21	00	0	0	1	2	15	12	0	1	0
	1730	38	998.4	994.3	-0.6	30.8	26.0	23.9	29.7	69	- 5	6.0	-0.8	18.4	0	13	15	00	0	0	0	6	19	3	0	3	0
BARODA	0530	34	1000.5	996.6	..	26.9	25.3	24.6	30.9	88	..	5.6	..	2.8	0	0	21	00	0	0	0	0	21	0	0	10	0
	0830	34	1001.8	997.9	-0.3	27.8	25.9	25.0	31.7	85	- 3	6.1	-0.7	3.9	0	0	26	00	0	0	0	0	26	0	0	5	0
	1130	34	1002.0	998.1	..	30.7	26.4	24.6	30.9	71	..	5.9	..	5.4	0	0	29	00	0	0	0	0	29	0	0	2	0
	1730	34	998.8	994.9	-0.3	31.4	26.3	24.0	29.8	68	- 8	6.2	-0.2	5.4	0	1	24	00	0	0	0	1	21	3	0	6	0
	2330	34	1001.6	997.7	..	27.7	25.7	24.8	31.3	85	..	5.7	..	5.9	0	0	31	00	0	0	0	0	30	1	0	0	0
BROACH	0830		..	..	..	..	..	..	..	..	..	6.6	+0.2	4.6	0	0	31	00	0	0	0	1	29	1	0	0	0
	1730		..	..	..	..	..	..	..	..	..	5.7	-0.6	4.8	0	0	31	00	0	0	0	0	31	0	0	0	0
SURAT	0530	12	1001.1	999.8	..	26.7	25.3	24.6	30.9	89	..	5.5	..	10.1	0	3	29	00	0	0	0	0	31	0	0	0	0
	0830	12	1002.5	1001.2	-0.1	27.6	25.8	25.0	31.7	86	- 1	6.9	-0.4	8.3	0	0	31	00	0	0	0	0	31	0	0	0	0
	1130	12	1002.9	1001.6	..	29.2	26.3	25.0	31.7	79	..	6.9	..	12.8	0	7	24	00	0	0	0	0	31	0	0	0	0
	1730	12	1000.3	999.0	-0.2	29.5	26.3	24.9	31.5	77	- 4	6.4	-0.5	14.6	0	9	22	00	0	0	0	0	31	0	0	0	0
	2330	12	1002.6	1001.3	..	27.5	25.7	24.9	31.5	86	..	5.5	..	11.9	0	5	26	00	0	0	0	0	31	0	0	0	0
SAURASHTRA AND KUTCH																											
NALIYA	0830	21	999.9	997.4	+0.8	29.2	26.2	24.9	31.5	78	- 7	6.1	-0.6	19.7	0	20	10	00	0	0	0	0	24	5	1	1	0
	1730	21	997.8	996.4	+0.6	31.3	26.3	24.2	30.2	66	-11	6.6	-0.2	21.6	0	17	14	00	0	0	0	1	25	5	0	0	0
BHUJ (RUDRAMATA	0230	80	998.8	989.9	..	27.8	26.4	25.8	33.2	89	..	1.9	..	17.8	0	12	15	00	0	0	0	1	21	5	0	4	0
	0530	80	998.8	989.8	..	27.5	26.3	25.7	33.0	90	..	3.1	..	15.0	0	10	15	00	0	0	0	0	18	7	0	6	0
	0830	80	999.8	990.8	-0.5	29.1	26.8	25.9	35.7	83	+ 6	4.8	-1.2	21.4	0	18	11	00	0	0	0	0	18	10	1	2	0
	1130	80	999.7	990.9	..	32.7	27.7	25.7	33.0	67	..	4.8	..	21.2	0	17	13	00	0	0	0	0	19	10	1	1	0
	1430	80	998.1	989.7	..	34.5	28.5	27.0	35.7	62	..	4.6	..	24.1	0	21	9	00	0	0	0	1	21	8	0	1	0
	1730	80	997.0	988.2	-0.7	33.1	27.8	26.8	39.6	67	+ 3	4.7	-1.2	26.6	0	25	5	00	0	0	0	1	21	8	0	1	0
	2030	80	998.5	989.5	..	29.7	26.9	25.8	33.2	80	..	3.5	..	23.3	0	20	11	00	0	0	0	0	25	5	1	0	0
	2330	80	999.9	990.9	..	28.4	26.8	26.1	33.8	87	..	2.8	..	21.4	0	20	10	00	0	0	0	1	22	6	1	1	0
KANDLA AERODROME	0830	35	1000.4	996.5	..	29.8	26.9	25.8	33.2	79	..	4.4	..	28.1	0	26	5	00	0	0	0	2	19	8	2	0	0
	1130	35	1000.4	996.5	..	33.2	27.6	25.4	32.4	64	..	5.0	..	30.5	0	25	6	01	0	0	0	2	21	7	0	0	0
	1730	35	997.5	993.7	..	33.7	27.4	24.9	31.5	61	..	3.7	..	35.9	0	28	3	00	0	0	0	2	26	3	0	0	0
NEW KANDLA	0830	14	1000.8	999.2	+0.6	29.4	26.1	24.7	31.1	76	- 7	6.1	-0.4	24.0	0	20	11	01	0	0	0	1	8	16	5	0	0
	1730	14	998.2	996.6	+0.3	32.5	26.6	24.0	29.8	62	- 8	4.7	-1.2	37.9	0	31	0	00	0	0	0	1	15	15	0	0	0
MANDVI	0830	9	1000.8	999.7	+0.2	29.4	27.3	26.5	34.6	85	- 2	6.5	+0.2	32.8	0	28	3	00	0	0	0	0	22	9	0	0	0
	1730	9	(R)																								
SURENDRANAGAR	0830		(R)																								
	1730		(R)																								
OKHA	0530	7	999.9	999.1	+9.1	28.2	26.7	26.1	33.8	88	+24	4.9	-1.7	26.1	0	23	7	00	0	0	0	1	19	7	3	0	0
	0830	7	1001.1	1000.3	..	29.0	27.1	26.3	34.2	86	..	5.7	..	26.3	0	23	8	00	0	0	0	0	20	9	2	0	0
	1130	7	1001.4	1000.6	..	30.5	27.3	26.1	33.8	78	..	5.1	..	27.7	0	28	3	00	0	0	0	0	19	9	3	0	0
	1730	7	999.2	998.4	..	30.4	27.5	26.3	33.6	79	..	4.9	..	28.8	0	28	3	00	0	0	0	0	17	13	1	0	0
	2330	7	1001.1	1000.8	..	28.7	26.9	26.2	32.8	86	..	3.7	..	24.9	0	23	8	00	0	0	0	0	22	8	1	0	0
JAMNAGAR AERODROME	0530	23	1000.3	997.7	..	27.2	26.1	25.6	32.8	92	..	4.5	..	17.3	0	12	17	00	0	0	0	1	14	12	2	2	0
	0830	23	1001.1	998.5	-0.2	28.9	27.0	26.2	34.0	85	+ 3	5.8	-0.4	20.6	0	14	16	00	0	0	0	1	16	10	3	0	0
	1130	23	1001.2	998.6	..	31.7	28.1	26.7	35.0	76	..	5.3	..	25.5	0	22	9	01	0	0	0	1	5	18	6	0	0
	1730	23	998.7	996.2	-0.1	31.3	27.5	26.0	33.6	74	+ 2	4.9	-1.3	29.0	0	26	5	00	0	0	0	0	2	20	9	0	0
	2330	23	1001.3	998.8	..	28.0	26.4	25.6	32.8	87	..	4.0	..	23.2	0	15	16	00	0	0	0	1	7	20	3	0	0
DWARKA	0830	11	1001.2	999.9	+0.0	29.0	26.9	26.0	33.6	84	+ 0	4.7	-2.4	24.2	0	23	8	00	0	0	0	1	7	13	3	0	7
	1730	11	999.3	998.0	-0.1	30.0	27.3	26.3	34.2	81	- 1	4.3	-2.5	27.2	0	29	2	00	0	0	0	0	10	14	1	0	6
RAJKOT	0530	138	999.9	984.4	..	25.6	24.7	24.2	30.2	92	..	3.8	..	18.2	0	15	15	00	0	1	0	0	21	8	0	1	0
	0830	138	1000.9	985.6	-0.3	27.8	25.9	25.1	31.9	85	+ 0	4.4	-1.9	25.6	0	28	3	01	0	0	0	0	20	9	1	0	0
	1130	138	1000.6	985.4	..	31.2	26.5	24.5	30.7	69	..	4.9	..	28.3	0	26	5	00	0	0	0	0	18	9	3	0	1
	1430	138	998.8	983.8	..	33.6	26.9	24.1	30.0	59	..	4.9	..	29.0	0	24	5	00	0	0	0	0	19	7	2	1	1
	1730	138	997.8	982.7	-0.6	32.0	26.5	24.1	29.1	65	- 3	4.7	-2.0	34.1	0	28	2	00	0	0	0	0	17	9	4	0	0
BHAVNAGAR AERODROME	0830	11	1002.0	1000.8	-0.2	28.4	25.9	24.8	31.3	81	+ 4	5.4	-1.0	18.3	0	16	13	00	0	0	1	3	16	9	0	2	0
	1130	11	1001.9	1000.7	..	31.5	26.6	24.5	30.7	67	..	6.2	..	22.8	0	19	10	00	0	1	1	2	15	9	1	2	0
	1730	11	998.8	997.6	-0.4	31.6	26.7	24.6	30.9	68	+ 4	5.8	-1.0	28.6	0	26	4	00	0	0	4	17	11	3	0	1	0
PORBANDER AERODROME	0830	7	1001.5	1000.7	+0.0	28.8	26.2	25.1	31.9	81	- 7	6.1	-0.7	21.3	0	20	11	00	0	0	0	1	19	10	1	0	0
	1130	7	1001.9	1001.1	..	30.3	26.7	25.2	32.1	75	..	5.6	..	24.5	0	27	4	00	0	0	0	1	20	10	0	0	0
	1730	7	999.7	998.9	-0.4	29.9	26.5	25.1	31.9	76	- 9	5.6	-1.7	27.0	0	31	0	00	0	0	0	1	20	9	1	0	0
KESHOD	0830	51	1001.8	996.0	+0.3	27.9	25.6	24.6	30.9	82	- 4	5.9	-0.5	19.3	0	15	16	00	0	0	0	1	12	17	1	0	0
	1130	51	1002.0	996.2	..	30.2	25.8	23.9	29.7	70	..	6.1	..	26.9	0	25	6	00	0	0	0	0	13	16	2	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — JULY ,1968 (10 ASADHA - 9 SRAVANA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SAURASHTRA AND KUTCH(INCLUDING DIU)																											
KESHOD	1730	51	999.9	994.1	-0.1	29.8	25.7	23.9	31.9	71	-8	5.5	-1.1	29.8	0	26	4	00	0	0	0	0	8	22	0	0	0
MAHUVA	0830	9	1001.7	1000.7	..	27.0	25.5	24.9	31.5	89	..	6.9	..	6.5	0	1	27	00	0	0	0	1	8	17	2	3	0
	1730	9	999.5	998.5	..	29.5	26.3	25.0	31.7	78	..	6.9	..	14.7	0	9	22	00	1	0	1	4	11	11	2	0	1
VERAVAL	0230	8	1001.0	1000.1	..	27.8	26.5	25.9	33.4	89	..	4.7	..	29.5	0	26	4	00	0	0	0	1	9	18	2	1	0
	0530	8	1000.7	999.8	..	27.7	26.4	25.8	33.2	89	..	5.5	..	29.5	0	27	2	01	0	0	0	1	7	19	1	2	0
	0830	8	1002.1	1001.2	-0.3	28.1	26.5	25.9	33.4	88	+0	6.3	-0.7	28.2	0	24	7	01	0	0	0	0	4	22	4	0	0
	1130	8	1002.5	1001.6	..	29.4	27.2	26.3	34.2	84	..	6.1	..	28.6	0	23	8	00	0	0	0	0	5	23	3	0	0
	1430	8	1001.4	1000.5	..	29.8	27.5	26.6	34.8	83	..	6.1	..	30.0	0	27	4	00	0	0	0	0	8	19	4	0	0
	1730	8	1000.4	999.5	+0.0	29.2	27.1	26.3	34.2	85	-4	6.2	-0.4	30.3	0	29	2	00	0	0	0	0	10	17	4	0	0
	2030	8	1001.3	1000.4	..	28.2	26.7	26.1	33.8	88	..	5.0	..	28.1	0	23	8	01	0	0	0	0	12	15	3	0	0
	2330	8	1002.2	1001.3	..	28.1	26.7	26.1	33.8	89	..	5.1	..	28.9	0	24	6	00	0	0	0	1	11	15	3	1	0
DIU	0830	15	1002.8	1001.0	..	28.2	25.9	24.9	31.5	83	..	5.7	..	17.5	0	15	13	00	0	0	0	0	11	17	0	3	0
	1730	15	1000.9	999.2	..	28.9	26.3	25.1	31.9	81	..	4.6	..	22.5	0	22	8	00	0	0	0	0	15	14	1	1	0
KONKAN(INCLUDING GOA)																											
DAHANU	0830	5	1002.9	1002.4	-0.5	27.7	26.6	26.1	31.9	91	+0	5.3	-2.0	16.8	0	9	22	00	0	0	5	1	19	4	2	0	0
	1730	5	1001.2	1000.7	-0.5	28.6	27.4	26.9	35.4	91	+5	4.9	-1.9	20.2	0	16	15	01	1	0	2	0	22	5	0	0	0
BOMBAY(SANTACRUZ)	0230	14	1002.8	1001.2	..	26.7	25.2	24.6	30.9	88	..	6.4	..	16.8	0	11	20	00	0	2	2	2	13	12	0	0	0
	0530	14	1002.5	1000.9	..	26.5	25.0	24.4	30.5	89	..	6.6	..	16.7	0	14	15	00	0	1	1	1	15	8	3	2	0
	0830	14	1004.1	1002.4	-0.4	27.5	25.6	24.8	31.3	86	+0	7.1	-0.3	16.8	0	13	17	00	1	0	2	1	7	16	3	1	0
	1130	14	1004.3	1002.7	..	28.7	26.0	24.8	31.3	80	..	7.1	..	20.5	0	18	12	00	0	0	1	2	10	16	1	1	0
	1430	14	1003.2	1001.6	..	28.6	26.1	25.0	31.7	82	..	7.4	..	19.4	0	20	10	00	1	0	1	1	11	14	2	1	0
	1730	14	1002.2	1000.6	-0.5	28.0	25.7	24.7	31.1	83	+1	7.1	-0.2	19.4	0	17	13	01	1	0	1	0	12	14	1	1	0
	2030	14	1003.7	1002.0	..	26.7	25.0	24.2	30.2	87	..	6.6	..	18.8	0	14	17	01	0	0	4	0	10	16	0	0	0
	2330	14	1004.3	1002.7	..	26.7	24.9	24.4	30.5	87	..	6.5	..	17.1	0	12	18	00	0	0	3	3	15	9	0	1	0
BOMBAY	0830	11	1004.1	1002.9	-0.2	27.6	25.7	24.8	31.3	85	+0	6.5	-0.7	19.6	1	12	18	02	0	0	3	1	6	16	3	0	0
	1130	11	1004.5	1003.3	..	28.7	26.2	25.1	31.9	82	..	6.6	..	16.3	0	9	22	00	0	0	0	3	9	15	4	0	0
	1730	11	1002.3	1001.1	-0.5	28.2	25.8	24.8	31.3	82	-3	7.1	-0.2	16.1	0	7	24	00	0	1	2	2	8	15	3	0	0
ALIBAG	0830	7	1004.2	1003.4	-0.7	27.6	25.9	25.1	31.9	87	+0	7.4	+0.2	24.8	0	23	7	00	0	1	2	1	18	6	1	1	1
BHIRA	0830	96	1004.3	993.4	..	25.3	24.3	23.8	29.5	91	..	7.6	..	2.4	0	0	19	00	0	1	2	3	9	0	4	12	0
	1730	96	1002.2	991.4	..	26.1	24.7	24.1	30.0	89	..	7.8	..	2.5	0	0	21	00	1	0	5	1	6	1	7	10	0
HARNAI	0830	20	1004.7	1002.5	-0.4	27.0	25.1	24.3	30.4	85	-4	7.3	+0.2	20.8	0	16	10	01	0	0	0	0	14	10	1	5	0
	1730	20	1003.2	1000.9	-0.6	27.3	25.2	24.3	30.4	84	-3	7.1	+0.0	23.6	0	17	10	00	0	0	0	1	14	8	4	4	0
RATNAGIRI	0830	35	1005.6	1001.7	-0.3	26.2	25.0	24.5	30.7	90	+1	7.3	+0.3	9.8	0	2	29	00	0	3	3	0	5	11	7	0	2
	1730	35	1004.0	1000.3	-0.2	27.1	25.5	24.8	31.3	88	+2	7.1	-0.1	12.5	0	6	22	01	0	0	0	0	8	12	7	3	0
DEVGARH	0830		(R)																								
	1730		(R)																								
VENGURLA	0230	9	1005.9	1004.9	+4.2	25.7	24.7	24.2	30.2	92	+4	7.5	+0.2	5.9	0	0	25	00	0	0	0	0	10	15	0	6	0
	0530	9	1005.2	1004.2	..	25.7	24.6	24.1	30.0	91	..	7.8	..	6.6	0	0	26	00	0	0	0	0	9	15	2	5	0
	0830	9	1006.7	1005.7	-0.3	26.5	25.2	24.7	31.1	90	+0	7.4	+0.0	5.8	0	0	28	01	0	0	2	1	12	12	0	3	0
	1130	9	1007.1	1006.1	..	27.4	25.6	24.8	31.3	86	..	7.5	..	7.2	0	1	29	01	0	0	0	2	12	14	1	1	0
	1730	9	1005.3	1004.3	-0.1	26.4	25.0	24.4	30.5	89	+2	7.7	+0.1	7.2	0	0	28	01	1	0	0	1	9	14	2	3	0
	2330	9	1007.4	1006.4	..	25.7	24.7	24.3	30.4	92	..	7.6	..	7.5	0	2	22	01	1	0	0	2	10	10	0	7	0
PANJIM	0530	60	1004.9	998.0	..	25.2	24.1	23.6	29.1	91	..	7.4	..	16.5	0	14	16	00	0	2	3	0	9	12	4	1	0
	0830	60	1006.2	999.4	..	25.8	24.6	24.0	29.8	90	..	7.5	..	18.1	0	14	15	00	0	0	0	1	12	13	3	2	0
	1130	60	1006.8	1000.0	..	27.3	25.2	24.3	30.4	84	..	7.6	..	19.9	0	19	10	00	0	0	0	0	11	15	3	2	0
	1430	60	1005.8	998.8	..	26.9	25.1	24.3	30.4	86	..	7.4	..	18.0	0	12	19	02	0	0	0	1	7	16	5	0	0
	1730	60	1004.9	998.1	..	26.0	24.4	23.7	29.3	88	..	7.5	..	17.2	0	14	17	00	1	1	0	0	7	17	5	0	0
	2030	60	1006.3	999.5	..	25.5	24.2	23.6	29.1	89	..	7.2	..	17.0	0	12	19	02	2	1	0	1	5	15	5	0	0
	2330	60	1007.0	1000.2	..	25.3	24.1	23.6	29.1	90	..	7.3	..	16.4	0	10	19	00	1	1	0	2	9	12	4	2	0
MORMUGAO	0530	62	1005.0	998.0	..	26.1	24.7	24.1	30.0	89	..	7.3	..	20.4	0	16	13	00	0	0	1	5	21	1	1	2	0
	0830	62	1006.0	999.1	-0.9	26.5	25.2	24.6	30.9	89	+3	7.5	+1.1	23.4	0	24	6	00	0	0	0	6	21	1	2	1	0
	1130	62	1006.3	999.3	..	27.1	25.4	24.7	31.1	87	..	7.1	..	26.1	0	25	5	01	0	0	0	6	18	3	2	1	0
	1730	62	1004.7	997.7	-0.6	26.4	24.9	24.2	30.2	88	+0	7.2	+0.6	23.3	0	23	6	00	0	1	0	4	18	4	2	2	0
DABOLIM(NAVAL AIR STN.)	0530	52	1005.4	999.5	..	25.4	24.4	24.0	29.8	92	..	7.3	..	16.4	0	12	15	02	0	0	2	0	0	15	8	4	0
	0830	52	1006.8	1000.9	..	26.2	24.9	24.4	30.5	90	..	7.4	..	19.6	0	13	15	01	0	0	1	0	1	15	10	3	0
	1130	52	1007.1	1001.3	..	27.1	25.3	24.5	30.7	86	..	7.2	..	20.5	0	16	14	00	0	0	0	1	0	20	9	1	0
	1730	52	1005.3	999.5	..	26.5	24.8	24.0	29.8	87	..	7.5	..	17.5	0	12	16	01	0	0	0	0	0	14	13	3	0
	2330	52	1007.3	1001.5	..	25.6	24.5	24.0	29.8	91	..	7.6	..	16.8	0	14	13	01	0	0	2	0	1	17	6	4	0
MADHYA MAHARASHTRA																											
NANDURBAR	0830	206	1002.2	979.5	+0.7	26.2	24.1	23.2	28.4	84	-3	5.2	-1.9	12.6	0	2	27	00	0	0	0	0	18	3	8	2	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — JULY 1968 (10 ASADHA - 9 SRAVANA 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mb.			Mean temperature in °C			Vapour pressure in mb.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lat. in gms. of mercury standard barometric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA MAHARASHTRA (CONTD)																											
NANDURBAR	1730	206	999.9	977.5	+1.1	28.2	24.4	22.6	28.4	72	- 5	4.0	-3.3	13.2	0	5	26	00	0	0	0	0	18	9	4	0	0
JALGAON	0830	201	1002.3	979.7	-0.1	26.1	24.1	23.2	28.4	84	- 1	6.8	+0.7	14.7	0	8	23	01	0	0	0	1	6	16	7	0	0
	1730	201	998.8	976.7	-0.4	30.6	25.0	22.1	26.6	64	- 1	7.0	+0.6	23.5	0	20	10	01	0	0	0	0	3	21	5	1	0
MALEGAON	0830	437	1003.1	954.9	+0.6	26.1	24.7	24.1	30.0	89	+13	5.9	-1.0	12.1	0	1	29	01	0	0	0	1	1	20	7	0	0
	1730	437	1000.5	952.9	+1.1	28.9	27.1	26.3	34.2	88	+22	6.3	-0.6	16.8	0	11	20	01	1	0	0	0	1	15	13	0	0
OZAR	0230	608	1002.0	935.0	..	22.6	21.4	20.8	24.6	90	..	7.0	..	18.1	0	14	15	00	0	0	0	0	3	24	2	2	0
	0530	608	1001.8	934.7	..	22.3	21.3	20.8	24.6	91	..	6.8	..	18.5	0	12	17	00	0	0	0	0	2	23	4	2	0
	0830	608	1002.8	936.0	..	24.0	22.1	21.2	25.2	84	..	7.1	..	23.6	0	21	10	00	0	1	0	1	3	24	2	0	0
	1130	608	1002.3	936.1	..	26.9	22.8	20.9	24.7	71	..	7.1	..	29.8	0	28	3	00	0	0	0	0	6	20	5	0	0
	1430	608	1000.7	934.8	..	27.5	27.9	20.9	24.4	69	..	7.1	..	33.0	0	28	3	00	0	0	0	1	4	22	4	0	0
	1730	608	1000.3	934.0	..	25.7	22.3	20.7	24.7	75	..	7.0	..	35.9	0	30	1	01	0	0	0	0	2	24	4	0	0
	2030	608	1002.4	935.6	..	23.6	21.8	20.9	24.4	85	..	6.8	..	25.3	0	25	5	00	0	0	0	0	1	27	2	1	0
	2330	608	1003.4	936.3	..	22.9	21.5	20.8	24.4	88	..	6.5	..	20.1	0	16	13	00	0	0	0	0	3	24	2	2	0
AHMADNAGAR	0830	657	1003.4	931.4	-0.2	23.6	21.6	20.6	24.3	84	+ 5	7.4	+0.9	10.0	0	1	29	00	0	0	1	0	16	9	4	1	0
	1730	657	1000.2	929.2	-0.4	27.6	22.2	19.6	22.8	63	- 1	7.6	+0.8	18.1	0	17	14	00	0	0	0	0	15	14	2	0	0
POONA AERODROME	0230	593	1003.4	937.7	..	22.1	21.1	20.6	24.3	91	..	6.5	..	15.0	0	5	25	00	0	0	0	1	5	24	0	1	0
	0530	593	1002.9	937.2	..	22.0	21.1	20.7	24.4	92	..	6.4	..	12.0	0	6	20	00	0	0	0	0	3	22	1	5	0
	0830	593	1003.7	938.3	..	23.6	21.9	21.0	24.9	86	..	6.8	..	18.2	0	14	15	00	0	0	0	0	6	23	0	2	0
	1130	593	1003.3	938.5	..	26.3	22.6	20.9	24.7	73	..	6.8	..	28.1	0	26	5	00	0	0	0	0	6	23	1	0	1
	1730	593	1001.6	936.6	..	25.0	22.3	21.0	24.9	79	..	7.0	..	30.4	0	27	4	00	0	1	0	0	4	25	1	0	0
	2330	593	1004.7	938.9	..	22.5	21.3	20.7	24.4	89	..	6.7	..	17.1	0	8	22	00	0	0	0	1	1	27	1	1	0
POONA	0530	559	1003.1	941.3	..	22.8	21.2	20.3	23.8	86	..	6.3	..	7.3	0	1	19	00	0	0	0	0	1	19	0	11	0
	0830	559	1004.2	942.6	+0.1	24.2	22.0	20.9	24.7	82	- 1	7.0	-0.1	9.5	0	2	25	00	0	0	0	0	3	23	1	4	0
	1130	559	1003.9	942.7	..	26.4	22.6	20.8	24.6	72	..	7.3	..	13.9	0	6	23	00	0	0	0	1	3	24	1	2	0
	1430	559	1002.6	941.6	..	26.7	22.6	20.6	24.3	69	..	7.5	..	13.7	0	7	22	00	0	0	0	0	2	27	0	2	0
	1730	559	1002.1	940.8	-0.1	25.1	22.0	20.5	24.1	76	- 3	7.5	+0.3	13.1	0	5	25	00	0	1	0	0	0	28	1	1	0
	2030	559	1004.0	942.3	..	23.7	21.4	20.3	23.8	81	..	6.7	..	10.8	0	2	29	00	0	0	0	0	1	30	0	0	0
	2330	559	1004.9	943.0	..	23.2	21.4	20.4	24.0	84	..	6.0	..	8.0	0	0	25	00	0	0	0	0	2	23	0	6	0
JEUR	0830	521	1003.9	946.5	-0.1	25.1	22.6	21.5	25.6	81	+ 0	5.0	-0.7	11.9	0	4	27	00	0	0	0	2	5	18	6	0	0
	1730	521	1000.3	943.9	+0.0	29.1	24.0	21.6	25.8	65	+ 2	5.6	-0.8	17.7	0	14	17	01	0	0	0	0	2	16	12	0	0
BARAMATI	0830	551	1003.9	943.3	-0.2	24.7	22.2	21.1	25.0	80	- 1	5.8	-0.7	12.4	0	4	27	00	1	0	0	0	6	21	3	0	0
	1730	551	1001.0	941.0	-0.3	27.2	22.8	20.8	24.6	69	+ 1	6.3	-0.6	19.0	0	18	13	00	1	0	0	0	5	22	3	0	0
SHOLAPUR	0530	479	1003.4	950.2	..	23.0	21.7	21.0	24.9	89	..	5.0	..	4.8	0	0	31	00	0	0	0	0	0	22	7	2	0
	0830	479	1004.5	951.6	-0.1	25.4	22.6	21.2	25.2	78	- 1	5.5	-0.7	6.3	0	0	31	00	0	0	0	0	24	0	7	0	0
	1130	479	1003.8	951.5	..	28.5	23.2	20.7	24.4	63	..	6.5	..	7.9	0	0	31	01	0	0	0	0	23	5	2	0	0
	1430	479	1001.3	949.4	..	30.1	24.3	21.6	25.8	62	..	6.3	..	7.9	0	0	31	00	0	0	0	0	27	0	4	0	0
	1730	479	1000.6	948.5	-0.3	28.9	23.1	20.4	24.0	62	+ 1	6.7	-0.1	9.4	0	0	31	02	2	0	0	0	21	3	3	0	0
	2330	479	1004.7	951.7	..	24.8	22.4	21.3	25.3	83	..	5.3	..	6.7	0	0	31	00	1	0	0	0	25	0	5	0	0
MIRAJ	0830		..	..	..	24.1	22.2	21.4	25.5	85	- 2	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	26.0	22.8	21.5	25.6	77	+ 1	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
KOLHAPUR	0530	570	1004.0	940.9	-1.6	21.9	21.1	20.7	24.4	93	+17	6.2	-0.7	11.5	0	5	23	00	0	0	0	0	2	23	3	3	0
	0830	570	1005.2	942.2	-0.3	23.0	21.9	21.3	25.3	91	+ 1	6.8	-0.3	10.8	0	3	26	00	0	0	0	0	3	23	3	2	0
	1130	570	1005.1	942.5	..	25.1	22.6	21.5	25.6	81	..	7.1	..	14.3	0	4	27	00	0	0	0	0	7	22	2	0	0
	1730	570	1003.1	940.5	-0.3	24.4	22.3	21.1	25.0	82	- 1	6.9	-0.2	16.8	0	11	20	00	0	0	0	0	10	17	4	0	0
	2330	570	1006.0	942.9	..	22.4	21.5	21.0	24.9	92	..	6.5	..	10.4	0	2	29	00	0	0	0	0	13	15	3	0	0
NASIK	0830		..	..	..	24.5	22.1	20.9	24.7	81	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
SANGLI	0830	549	1005.0	944.3	..	23.8	22.0	21.3	25.2	86	..	7.4	..	16.1	0	7	24	00	0	0	0	0	10	19	2	0	0
	1730	549	1002.5	942.3	..	25.6	22.6	21.2	25.0	78	..	7.1	..	24.8	0	24	7	00	0	0	0	0	6	24	1	0	0
MARATHWADA																											
AURANGABAD	0830	581	1003.8	939.7	-0.1	23.8	21.9	21.0	24.9	85	- 2	6.9	-0.3	13.3	0	5	24	00	0	0	0	0	8	21	0	2	0
	1730	581	1000.0	937.1	+0.1	28.0	22.8	20.3	23.8	65	- 7	6.6	-0.8	18.6	0	15	16	00	0	0	1	1	9	13	7	0	0
AURANGABAD (CHIKALTHAN)	0230	579	1002.1	938.1	..	22.9	21.0	20.1	23.5	84	..	6.9	..	13.6	0	6	23	00	0	0	1	0	11	16	1	2	0
	0530	579	1002.0	938.0	..	22.4	20.9	20.1	23.5	87	..	6.8	..	11.3	0	1	25	00	0	0	0	0	8	17	1	5	0
	0830		..	..	..	..	..	..	..	..	..	7.1	+0.1	36.7	1	4	24	00	1	0	0	0	7	20	1	2	0
	1130	579	1002.1	939.1	..	27.6	22.6	20.2	23.7	65	..	7.0	..	24.9	0	23	8	00	0	0	0	0	10	18	3	0	0
	1430	579	999.6	938.4	..	29.3	22.9	19.8	23.1	59	..	7.1	..	21.4	0	15	16	01	0	0	0	0	6	20	4	0	0
	1730	579	999.0	936.4	-0.3	28.2	22.5	19.7	22.9	62	- 8	7.1	-0.2	22.9	0	21	9	00	0	0	0	0	8	18	4	1	0
	2030	579	1001.9	938.4	..	25.5	21.9	20.1	23.5	73	..	6.8	..	17.0	0	10	19	01	0	0	0	0	9	17	2	2	0
	2330	579	1003.1	939.4	..	23.9	21.3	20.1	23.5	80	..	6.9	..	14.3	0	4	27	00	0	0	0	0	8	22	1	0	0
PARBHANI	0830	423	1003.3	956.4	-0.4	24.9	22.4	21.2	25.2	80	- 2	5.5	-1.0	12.6	0	1	30	00	0	0	0	0	7	22	2	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — JULY ,1968 (10 ASADHA - 9 SRAVANA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C: Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.): 42 or more	20 to 41	1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MARATHWADA (CONTD.)																											
PARBHANI	1730	423	999.1	953.1	-0.4	29.8	23.6	20.2	23.7	60	- 5	6.7	-0.4	11.9	0	5	24	02	0	0	0	1	1	21	4	2	0
NANDER	0830	358	1003.3	963.5	..	25.6	23.5	22.0	26.4	83	..	6.1	..	7.7	0	0	31	00	0	0	0	0	27	0	4	0	0
	1730	358	999.8	960.4	..	29.0	24.7	22.6	27.4	71	..	6.8	..	6.7	0	0	27	00	0	0	0	0	18	0	9	4	0
BIR	0830	519	1003.6	946.5	..	24.9	22.2	20.8	24.6	79	..	7.1	..	8.0	0	0	30	01	0	0	0	1	14	12	2	1	0
	1730	519	999.9	943.7	..	29.6	23.1	19.9	23.2	58	..	6.2	..	10.3	0	2	28	01	0	1	1	0	17	5	5	1	0
VIDARBHA																											
GONDIA	0830	313	1001.0	966.3	-0.6	26.3	24.3	23.3	28.8	85	- 1	6.8	-0.1	2.5	0	0	16	01	0	0	0	1	12	1	1	15	0
	1730	313	998.1	963.6	-0.5	27.9	25.0	23.6	29.3	79	+ 2	5.6	-1.2	2.5	0	0	22	02	1	0	0	3	6	8	2	9	0
NAGPUR (SONEGAON)	0230	310	999.7	965.2	..	25.0	23.8	23.3	28.4	90	..	7.3	..	6.6	0	3	21	00	0	0	0	5	9	8	2	7	0
	0530	310	1000.0	965.4	..	24.8	23.5	22.8	27.9	89	..	6.9	..	7.6	0	2	24	01	0	0	0	4	9	9	3	5	0
	0830	310	1001.0	966.6	-0.7	26.7	24.8	23.1	28.4	81	- 2	7.0	-0.1	12.3	0	5	26	00	0	0	0	2	11	8	10	0	0
	1130	310	1000.7	966.6	..	29.3	25.2	23.3	28.6	71	..	6.9	..	14.4	0	6	25	01	0	0	0	0	10	11	9	0	0
	1430	310	998.5	964.5	..	30.0	25.3	23.1	28.3	68	..	7.3	..	13.2	0	6	24	04	0	0	1	1	6	12	6	1	0
	1730	310	997.8	963.7	-0.6	28.5	24.3	23.0	28.3	74	+ 2	7.2	-0.1	13.3	0	6	25	02	0	0	2	3	7	12	5	0	0
	2030	310	1000.3	965.8	..	26.3	24.3	23.4	28.8	85	..	7.1	..	7.6	0	1	24	01	0	0	0	4	9	7	4	6	0
	2330	310	1001.0	966.4	..	25.5	24.1	23.5	28.9	89	..	7.4	..	5.1	0	0	26	02	1	0	1	4	12	5	1	5	0
AMRAOTI	0830	370	1001.5	960.5	-0.4	25.7	23.6	22.6	27.3	84	+ 0	6.8	+0.0	6.6	0	0	31	00	0	0	0	0	12	14	5	0	0
	1730	370	998.3	957.8	-0.3	28.2	24.5	22.7	27.6	73	+ 4	7.3	+0.2	12.1	0	4	25	03	4	2	0	1	4	6	9	2	0
AKOLA AERODROME	0530	309	1000.1	965.7	..	24.8	22.9	21.9	26.3	86	..	6.8	..	9.0	0	0	31	00	0	0	0	0	7	21	3	0	0
	0830	309	1001.2	966.8	..	26.2	23.7	22.5	27.3	80	..	6.8	..	9.9	0	1	30	00	0	0	0	2	7	19	3	0	0
	1130	309	1000.9	966.9	..	29.4	24.5	22.1	26.6	65	..	7.1	..	11.7	0	2	29	00	0	0	0	0	8	17	6	0	0
	1430	309	998.5	964.8	..	31.1	24.7	21.7	25.9	59	..	7.3	..	12.2	0	4	27	00	0	0	0	0	8	19	4	0	0
	1730	309	997.4	963.6	..	30.5	24.5	21.5	25.8	61	..	7.3	..	13.2	0	3	28	00	1	0	0	0	5	20	5	0	0
	2030	309	999.7	965.6	..	27.7	24.1	22.3	27.1	77	..	6.9	..	9.0	0	0	31	00	0	0	1	2	8	15	5	0	0
	2330	309	1000.8	966.5	..	26.5	23.8	22.4	27.3	79	..	6.5	..	9.2	0	0	31	00	0	0	0	2	8	19	2	0	0
AKOLA	0830	282	1001.7	970.3	-0.3	26.5	23.8	22.5	27.3	80	- 1	7.0	+0.8	5.7	0	0	31	00	0	0	0	0	27	0	4	0	0
	1730	282	998.2	967.3	-0.2	30.3	24.6	21.8	26.3	63	- 5	6.9	+0.6	7.2	0	0	31	00	0	0	0	0	18	0	13	0	0
BRAMHAPURI	0830	229	1001.7	976.2	+0.1	26.5	24.4	23.4	28.9	84	- 3	6.6	-0.6	5.9	0	0	30	01	0	0	0	10	11	5	3	1	0
	1730	229	998.3	973.1	-0.1	29.3	25.5	23.7	29.5	74	- 3	6.9	-0.1	5.7	0	0	30	00	1	0	1	7	16	4	1	1	0
BULDANA	0830	650	1002.2	931.0	-0.2	23.8	21.7	20.5	24.4	82	- 4	7.3	+0.3	11.7	0	2	29	00	0	0	0	0	16	3	12	0	0
	1730	650	998.4	928.4	-0.5	27.3	22.7	20.5	24.1	69	- 2	7.6	+0.3	8.3	0	0	31	01	0	0	0	0	10	0	20	0	0
YEOTMAL	0830	451	1001.8	952.0	-0.3	25.5	22.9	21.6	25.8	80	- 6	7.2	+0.4	14.6	0	5	26	00	0	0	0	0	10	19	2	0	0
	1730	451	998.0	948.9	-0.6	28.9	23.9	21.4	25.6	66	- 7	7.1	+0.0	11.7	0	2	29	00	1	0	1	1	10	15	3	0	0
CHANDRAPUR	0830	193	1001.7	980.2	-0.4	26.9	24.2	23.0	27.9	80	- 2	6.6	-0.2	12.3	0	4	26	01	0	0	0	3	9	12	5	1	0
	1730	193	998.3	977.0	-0.4	29.7	25.1	22.9	28.1	69	- 6	7.0	+0.1	12.1	0	3	27	01	1	1	0	5	8	10	4	1	0
PUSAD	0830	334	1003.2	966.0	..	26.3	23.6	22.3	26.9	79	..	5.9	..	5.8	0	0	31	00	0	0	0	0	27	0	4	0	0
	1730	334	999.4	962.9	..	29.4	24.7	23.0	27.3	69	..	7.0	..	6.3	0	0	30	00	1	0	1	0	20	0	8	1	0
SIRONCHA	0830	123	1002.8	988.9	-0.6	26.8	25.8	25.4	32.4	92	+ 7	6.9	+0.0	2.5	0	0	28	01	0	2	1	5	7	12	0	3	0
	1730	123	999.3	985.7	-0.5	31.0	28.0	26.8	35.2	77	+ 4	7.3	+0.3	2.7	0	0	28	02	0	0	0	2	0	24	0	3	0
WARDHA	0830	283	1001.7	970.2	..	26.5	23.7	22.3	26.9	79	..	7.0	..	6.8	0	0	31	01	1	1	0	2	6	11	9	0	0
	1730	283	998.7	967.5	..	29.1	24.4	22.0	26.6	68	..	7.4	..	7.2	0	0	30	04	2	0	2	1	4	9	8	1	0
BHANDARA	0830		..	..	..	26.8	24.6	23.6	29.1	83	..	..	..	6.6	0	0	29	00	0	0	0	0	20	2	7	2	0
	1730		..	..	..	28.7	25.0	23.3	28.6	74	..	..	..	5.5	0	0	28	00	1	0	1	0	17	5	2	3	2
COASTAL ANDHRA PRADESH																											
KALINGAPATAM	0830	6	1001.6	1000.9	+0.1	29.1	26.8	26.2	33.4	85	+ 2	5.8	-0.6	13.1	0	4	27	01	0	0	0	12	15	2	1	0	0
	1730	6	999.1	998.4	+0.1	29.0	27.0	26.1	34.0	85	+ 3	6.3	-0.5	13.9	0	9	22	01	0	0	0	13	14	0	2	0	1
VISHAKHAPATNAM	0230	3	1000.7	1000.3	..	27.5	26.0	25.3	32.2	88	..	6.0	..	8.0	0	4	18	00	0	0	0	0	14	7	1	9	0
	0530	3	1001.0	1000.6	..	27.0	25.7	25.0	31.9	89	..	6.9	..	9.0	0	2	20	00	0	0	0	0	15	6	1	9	0
	0830	3	1002.2	1001.8	+0.2	29.0	26.3	25.1	31.9	80	- 4	6.8	-0.1	11.6	0	3	25	00	0	0	0	0	17	7	4	3	0
	1130	3	1001.8	1001.4	..	31.8	26.9	25.0	31.5	70	..	6.7	..	16.8	0	14	17	00	0	1	2	2	14	7	3	0	2
	1430	3	999.8	999.4	..	32.2	27.4	25.4	32.6	68	..	6.7	..	19.7	0	17	14	00	0	2	0	5	16	5	3	0	0
	1730	3	999.6	999.2	+0.3	30.4	26.9	25.6	32.6	77	- 5	6.8	-0.2	15.0	0	12	14	00	0	0	0	4	15	6	1	5	0
	2030	3	1001.6	1001.2	..	28.6	26.7	26.0	33.4	86	..	5.6	..	9.3	0	4	21	00	1	1	1	1	14	6	1	6	0
	2330	3	1002.2	1001.8	..	28.1	26.4	25.8	33.0	87	..	5.5	..	8.3	0	2	22	01	0	0	1	1	15	4	2	7	0
KAKINADA	0830	8	1003.2	1002.3	+0.0	29.3	25.9	24.5	30.5	76	- 5	5.8	-0.3	13.3	0	3	28	00	0	0	0	0	31	0	0	0	0
	1730	8	999.9	999.0	-0.3	31.5	26.6	24.5	30.7	68	- 5	5.9	-0.1	13.1	0	1	30	00	0	0	4	0	26	0	1	0	0
NIDADAVOLE	0830	12	1003.2	1001.8	-0.3	27.8	25.1	23.9	29.7	80	- 6	6.0	-1.3	7.1	0	2	29	00	0	0	0	5	6	19	1	0	0
	1730	12	1000.2	998.8	-0.3	30.7	25.8	23.5	29.3	66	-10	6.7	-0.6	9.4	0	13	18	01	0	1	0	3	0	26	0	0	0
RENTACHINTALA	0830	106	1003.7	991.8	-0.2	28.3	24.1	22.0	26.6	68	- 2	5.6	-1.4	2.8	0	0	31	00	0	0	0	0	0	31	0	0	0
	1730	106	999.9	988.3	-0.1	33.1	25.2	21.4	25.6	53	- 1	6.2	-0.9	2.0	0	0	29	00	0	0	0	0	0	29	0	2	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JULY ,1968 (10 ASADHA - 9 SRAVANA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or M. in gpm. of mean standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
COASTAL ANDHRA PRADESH																											
GANNAVARAM	0230	24	1001.9	999.2	..	27.1	24.9	23.9	29.7	83	..	6.6	..	12.2	0	6	21	00	1	0	1	1	8	14	2	4	0
	0530	24	1002.3	999.6	..	26.6	24.5	23.4	28.9	83	..	6.5	..	11.5	0	6	19	00	0	0	0	1	7	16	1	6	0
	0830	24	1003.8	1001.1	-0.2	28.2	25.0	23.4	29.1	77	- 2	6.1	-0.6	15.5	0	10	18	00	0	0	0	0	6	19	3	3	0
	1130	24	1003.3	1000.6	..	31.2	25.7	23.3	28.6	64	..	6.2	..	19.1	0	15	16	00	0	0	0	0	2	23	6	0	0
	1430	24	1001.0	998.4	..	32.3	25.8	22.9	27.9	60	..	6.8	..	19.9	0	16	14	00	0	0	0	0	3	21	6	1	0
	1730	24	1000.3	997.6	-0.4	30.9	25.8	23.5	28.9	67	+ 2	7.1	+0.4	17.5	0	12	19	01	0	0	2	3	6	15	4	0	0
	2030	24	1002.3	999.6	..	29.0	25.5	23.9	29.7	76	..	6.0	..	9.3	0	4	18	01	0	2	2	4	4	6	3	9	0
	2330	24	1003.3	1000.6	..	27.9	25.5	24.4	30.7	82	..	6.9	..	11.6	0	6	16	00	0	0	1	7	4	10	0	9	0
MASULIPATAM	0830	3	1003.9	1003.6	-0.1	28.6	24.8	23.0	28.3	72	- 8	6.2	+0.3	3.3	0	0	31	00	0	0	0	3	20	4	3	0	1
	1730	3	1000.5	1000.2	-0.2	31.6	25.9	23.6	28.4	63	- 7	6.2	+0.3	3.9	0	0	31	01	1	1	1	1	12	8	4	0	2
ONGOLE	0830	12	1004.3	1002.9	-0.3	29.9	26.1	24.3	30.7	73	- 5	2.5	-3.7	2.1	0	0	30	01	0	0	0	0	11	7	11	1	0
	1730	12	1000.5	999.2	-0.6	35.2	27.6	24.7	30.7	58	-12	2.2	-4.0	2.3	0	0	30	00	1	0	2	0	11	6	10	0	0
NELLORE	0530	20	1003.5	1001.3	..	27.7	24.4	22.9	27.9	76	..	6.3	..	6.5	0	1	23	00	0	0	5	1	9	8	1	7	0
	0830	20	1005.1	1002.9	+0.0	30.2	25.3	23.0	28.3	67	+ 2	6.0	-0.7	7.3	0	0	31	00	0	0	3	0	22	6	0	0	0
	1130	20	1004.5	1002.3	..	33.4	25.7	22.2	26.6	53	..	6.2	..	15.5	0	9	22	00	0	0	4	1	12	14	0	0	0
	1430	20	1002.2	1000.0	..	35.8	26.2	21.9	26.1	46	..	6.8	..	14.5	0	7	24	00	0	0	3	2	14	12	0	0	0
	1730	20	1000.8	998.7	-0.4	33.8	26.1	22.4	27.6	53	+ 2	6.6	-0.1	9.3	0	0	31	02	0	1	6	1	13	7	1	0	0
	2330	20	1004.5	1002.3	..	28.8	25.4	23.9	29.7	76	..	6.1	..	8.6	0	3	22	00	0	0	5	1	11	5	3	6	0
VISHAKHAPATNAM(SOLAR)	0830	66	1001.9	994.6	..	28.1	25.2	23.9	29.7	79	..	7.0	..	3.9	0	0	26	00	0	0	0	0	15	10	1	5	0
TELANGANA																											
RAMGUNDAM	0830	156	1002.5	985.1	-0.3	27.5	24.3	22.8	27.7	77	- 2	6.7	-0.2	3.9	0	0	29	00	0	0	0	0	14	14	1	2	0
	1730	156	998.7	981.8	-0.5	31.6	25.5	22.7	27.6	62	- 5	6.4	-0.2	2.8	0	0	20	00	0	0	0	1	7	12	0	11	0
NIZAMABAD	0830	381	1003.1	960.8	-0.2	25.3	23.2	22.1	26.6	83	+ 4	6.6	+0.7	3.5	0	0	25	00	1	0	0	0	24	0	0	6	0
	1730	381	999.0	957.5	-0.2	29.9	26.5	25.1	31.9	76	+ 8	6.7	+0.4	1.9	0	0	16	00	0	0	0	2	13	0	1	15	0
HANAMKONDA	0830	269	1003.2	973.4	+0.0	26.8	23.5	21.8	26.3	75	- 2	5.9	-0.5	2.0	0	0	31	04	0	0	0	0	5	22	0	0	0
	1730	269	1000.5	971.2	+0.7	31.5	25.0	22.0	26.3	60	- 5	6.2	-0.3	1.9	0	0	30	06	0	0	2	3	9	7	3	1	0
HAKIMPET AERODROME	0530	613	1002.9	935.4	..	22.7	21.5	20.7	24.3	89	..	7.0	..	27.1	0	22	9	01	0	0	0	0	1	23	6	0	0
	0830	613	1003.4	936.3	..	24.4	22.1	21.0	25.0	82	..	6.8	..	31.8	0	25	6	00	0	0	0	0	1	21	9	0	0
	1130	613	1002.5	936.1	..	27.8	23.2	21.1	25.0	68	..	6.8	..	35.8	0	26	5	00	0	0	0	0	2	18	11	0	0
	1730	613	1000.2	934.2	..	27.9	23.2	20.9	25.0	68	..	6.7	..	27.8	0	17	14	01	0	1	0	0	3	17	9	0	0
	2330	613	1003.2	936.3	..	24.8	22.2	20.8	25.0	79	..	6.1	..	26.1	0	17	13	00	0	0	0	0	3	21	6	1	0
BHADRACHALLAM	0830	111	1002.9	990.5	-1.0	27.3	24.4	23.0	28.3	79	- 3	7.2	+0.0	3.3	0	0	31	00	3	0	4	0	15	0	9	0	0
	1730	111	999.4	987.1	-0.9	30.9	25.1	22.4	27.1	63	- 6	7.3	-0.1	3.4	0	0	31	00	7	0	5	1	7	0	11	0	0
HYDERABAD(BEGAMPET)	0230	545	1002.5	942.6	..	24.2	21.7	20.5	24.1	81	..	6.7	..	17.6	0	14	17	01	0	0	0	0	1	27	2	0	0
	0530	545	1002.8	942.7	..	23.4	21.5	20.5	24.1	85	..	6.9	..	15.5	0	10	21	01	0	0	0	0	0	24	6	0	0
	0830	545	1003.8	943.9	-0.1	24.5	22.1	20.9	24.9	81	- 2	7.3	+0.3	21.3	0	21	10	01	0	0	0	0	3	17	10	0	0
	1130	545	1003.1	943.9	..	28.0	23.1	20.8	24.7	66	..	7.1	..	25.1	0	25	6	01	0	0	0	0	0	22	8	0	0
	1730	545	999.7	940.9	+0.2	28.9	23.2	20.6	24.1	63	- 6	7.2	+0.2	18.3	0	13	18	03	1	0	0	0	5	14	8	0	0
	2330	545	1003.6	943.9	..	25.4	22.1	20.6	24.1	76	..	6.1	..	17.7	0	18	11	00	0	0	0	0	3	22	4	2	0
KHAMMAM	0830	117	1003.6	990.9	-0.4	27.6	24.6	23.1	28.3	78	- 3	7.1	+0.6	7.2	0	0	29	02	0	0	0	0	8	16	2	3	0
	1730	112	999.7	986.9	-1.1	31.2	25.4	22.6	27.4	66	- 3	6.8	-0.2	2.1	0	0	26	04	0	0	0	4	4	14	0	5	0
MAHBUBNAGAR	0830	505	1004.5	948.7	-0.4	24.6	22.0	20.7	24.4	79	- 5	7.3	+0.1	8.8	0	0	31	00	0	0	0	0	12	17	2	0	0
	1730	505	1000.4	945.6	-0.5	29.1	23.0	20.0	23.5	60	- 9	7.4	+0.1	8.5	0	1	30	00	0	0	1	1	8	17	4	0	0
RAYALASEEMA																											
KURNOOL	0830	281	1005.5	974.1	+0.0	26.8	22.7	20.6	24.1	69	- 6	6.8	-0.1	19.4	0	9	22	00	0	0	0	0	30	0	1	0	0
	1730	281	1001.2	970.3	+0.0	31.1	23.4	19.5	22.4	53	- 4	7.5	+0.4	25.0	0	19	12	00	0	0	0	0	26	0	4	0	1
NANDYAL	0830	212	1004.9	981.3	..	27.3	23.8	22.0	26.6	70	..	6.2	..	10.4	0	5	24	00	0	0	0	4	7	13	5	2	0
	1730	212	1001.0	977.7	..	31.8	24.7	21.7	25.3	55	..	7.3	..	18.4	0	13	18	03	1	0	1	0	5	14	7	0	0
ANANTAPUR	0530	350	1004.7	965.7	..	24.5	22.0	20.6	24.4	79	..	6.5	..	12.8	0	4	27	00	0	0	0	0	5	25	1	0	0
	0830	350	1005.8	967.0	+0.1	26.3	22.6	20.7	24.4	72	- 1	7.1	+0.2	16.5	0	7	24	00	0	0	0	0	7	23	1	0	0
	1130	350	1004.8	966.5	..	30.3	23.5	20.0	23.4	54	..	7.0	..	27.1	0	16	15	00	0	0	0	0	3	24	4	0	0
	1430	350	1002.3	964.3	..	32.1	24.0	19.9	23.2	49	..	7.1	..	23.9	0	20	11	00	0	0	0	0	2	26	3	0	0
	1730	350	1002.0	963.8	+0.2	30.4	23.7	20.3	23.8	56	+ 3	7.0	+0.1	24.3	0	22	9	00	0	0	0	0	7	20	4	0	0
	2030	350	1004.9	966.2	..	27.0	23.0	20.9	24.9	70	..	6.8	..	20.3	0	17	12	00	0	0	0	0	7	22	0	2	0
	2330	350	1006.0	967.0	..	25.8	22.5	20.8	24.6	74	..	6.3	..	21.0	0	18	13	00	0	0	0	0	7	23	1	0	0
CUDDAPAH	0830	130	1005.9	991.3	-0.4	28.6	23.6	21.0	25.0	64	- 3	5.7	-1.0	3.3	0	0	23	00	0	0	0	0	0	23	0	8	0
	1730	130	1001.7	987.3	-0.3	32.6	24.3	20.0	23.5	50	- 8	6.8	+0.2	4.6	0	0	28	08	0	0	0	0	0	28	0	3	0
AROGYAVARAM	0830	701	1006.9	930.4	+0.8	26.4	22.4	21.4	25.6	84	+12	6.8	-0.1	14.8	0	7	24	00	0	0	0	0	9	2	20	0	0
	1730	701	1002.4	927.0	+0.2	27.9	22.4	19.8	22.9	63	+ 6	7.5	+0.3	11.7	0	2	29	00	0	0	1	0	2	0	28	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — JULY ,1968 (10 ASADHA - 9 SRAVANA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C: Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Okta): Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.): 62 or more	20 to 61	1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADRAS STATE(INCLUDING PONDICHERRY)																											
MADRAS	0830	6	1006.0	1005.3	+0.2	29.2	24.7	22.5	27.4	68	- 1	6.3	+0.0	7.0	0	0	31	00	0	0	0	0	5	25	0	0	1
	1730	6	1002.1	1001.4	..	31.1	26.1	23.6	29.7	62	..	7.1	..	8.6	0	2	29	00	0	2	9	8	7	5	0	0	0
MADRAS(MINAMBAKKAM)	0230	16	1004.2	1002.5	..	28.2	24.1	22.1	26.8	71	..	6.3	..	12.1	0	3	27	00	0	0	1	6	10	13	0	1	0
	0530	16	1004.5	1002.8	..	27.7	23.6	21.5	25.6	70	..	6.5	..	9.1	0	0	25	00	0	0	1	5	11	8	0	6	0
	0830	16	1006.0	1004.3	+0.1	29.7	24.0	21.2	25.0	61	- 4	6.6	+0.0	13.2	0	5	25	01	0	0	0	3	14	12	0	1	0
	1130	16	1005.3	1003.6	..	33.4	24.5	20.0	23.5	46	..	6.2	..	20.7	0	18	13	00	0	0	0	0	10	19	2	0	0
	1430	16	1002.8	1001.1	..	35.8	25.1	19.9	23.1	60	..	6.5	..	16.5	0	11	20	00	0	0	0	2	5	21	3	0	0
	1730	16	1002.2	1000.5	-0.2	32.9	25.3	21.7	25.9	54	- 7	7.0	-0.1	15.7	0	9	22	03	0	2	6	7	8	4	1	0	0
	2030	16	1004.7	1003.0	..	29.5	25.3	23.3	28.8	70	..	6.4	..	13.9	0	7	23	00	0	3	3	13	8	3	0	1	0
	2330	16	1005.5	1003.8	..	28.8	24.8	22.8	28.1	72	..	6.7	..	11.3	0	4	22	00	0	0	1	9	8	6	2	5	0
VELLORE	0530	214	1005.1	981.1	..	26.3	23.2	21.6	25.9	76	..	6.4	..	7.0	0	0	25	00	0	0	0	0	12	13	0	6	0
	0830	214	1006.5	982.6	+0.3	28.1	24.2	22.3	26.9	71	+ 5	6.6	+0.6	8.3	0	0	31	00	0	0	0	0	6	25	0	0	0
	1130	214	1005.5	981.9	..	31.8	25.7	22.9	27.9	60	..	6.7	..	9.4	0	0	31	00	0	0	0	0	11	18	2	0	0
	1730	214	1002.5	979.0	+0.4	32.0	26.0	23.4	28.6	61	+10	6.9	+0.3	8.1	0	0	29	00	0	0	0	1	14	13	1	2	0
	2330	214	1006.2	982.4	..	27.9	24.1	21.9	26.9	72	..	6.6	..	4.8	0	0	20	00	0	0	0	0	5	15	0	11	0
TAMBARAM AERODROME	0830	29	1005.8	1002.6	..	29.9	24.8	22.3	27.3	65	..	6.6	..	18.6	0	10	21	00	0	0	0	1	17	13	0	0	0
	1730	29	1002.7	999.5	..	32.5	25.5	22.2	26.9	57	..	6.9	..	23.7	0	21	10	01	0	1	1	15	6	6	1	0	0
TIRUPPATTUR	0830	390	1009.6	966.0	+2.6	25.4	23.7	23.0	27.9	86	+10	7.9	+1.0	4.4	0	0	31	06	3	0	0	15	7	0	0	0	0
	1730	390	1008.1	965.3	+5.0	29.2	24.5	22.5	26.9	67	+ 9	8.0	+0.9	8.1	0	0	31	08	0	0	0	12	11	0	0	0	0
METTUR DAM R.S.	0830	244	..	..	..	28.6	24.2	22.2	26.6	69	..	5.3	..	4.9	0	0	29	00	2	0	18	0	9	0	0	2	0
	1730	244	..	..	..	30.4	26.2	24.3	30.5	71	..	6.2	..	5.8	0	0	31	00	8	0	7	0	8	0	8	0	0
CUDDALORE	0530	6	1005.0	1003.7	..	26.8	23.5	21.8	26.3	74	..	5.5	..	1.5	0	0	11	00	0	0	0	0	10	1	0	20	0
	0830	6	1006.5	1005.2	-0.1	29.2	24.1	21.6	25.9	64	- 4	6.0	-0.1	7.5	0	0	31	00	0	0	0	0	28	3	0	0	0
	1130	6	1005.8	1004.5	..	33.6	24.7	20.3	23.8	46	..	5.2	..	9.1	0	0	31	00	0	0	0	1	24	4	2	0	0
	1430	6	1003.3	1002.0	..	35.7	25.1	19.9	23.2	40	..	6.2	..	9.5	0	2	28	01	0	2	3	0	13	9	2	1	0
	1730	6	1002.9	1001.6	-0.3	32.2	25.5	22.0	27.3	58	- 2	6.5	+0.0	8.3	0	1	30	00	2	0	12	1	16	0	0	0	0
	2330	6	1006.1	1004.8	..	28.7	24.4	22.7	26.9	69	..	6.0	..	7.2	0	0	24	00	0	0	0	1	21	2	0	7	0
KALLAKKURICHCHI	0830	217	1006.5	992.2	+0.1	28.1	26.7	26.1	33.8	89	+20	5.6	+0.4	9.3	0	2	27	00	0	0	0	2	23	3	1	2	0
	1730	217	1002.2	988.3	-0.3	32.9	29.8	28.7	39.4	79	+28	6.4	+0.1	14.0	0	6	24	00	0	0	0	0	26	3	1	1	0
SALEM	0530	278	1005.7	974.4	..	24.2	21.7	20.3	23.8	79	..	4.1	..	5.7	0	0	25	00	0	0	0	0	9	15	1	6	0
	0830	278	1007.3	976.2	+0.0	25.6	22.3	20.5	27.3	74	- 4	6.3	+0.2	3.8	0	0	24	00	0	0	0	1	12	11	0	7	0
	1130	278	1006.0	975.0	..	30.4	23.5	19.9	23.2	54	..	6.5	..	7.1	0	0	30	00	0	0	0	5	12	11	2	1	0
	1730	278	1003.4	972.9	+0.1	30.4	23.3	19.9	22.8	57	+ 1	7.3	+0.3	5.4	0	0	21	00	0	0	0	1	15	4	0	10	1
	2330	278	1007.2	976.1	..	26.4	22.4	20.4	23.8	70	..	4.5	..	6.0	0	0	26	00	0	0	0	5	15	5	1	5	0
COIMBATORE(PILAMEDU)	0530	399	1006.9	962.2	..	22.1	21.7	21.5	25.6	96	..	5.7	..	21.5	0	17	14	00	0	0	0	6	23	2	0	0	0
	0830	399	1008.0	963.5	+0.2	23.9	22.8	22.7	26.9	91	+10	6.1	+0.5	26.5	0	26	5	00	0	0	0	8	22	1	0	0	0
	1130	399	1007.4	963.4	..	27.7	24.6	23.1	28.3	77	..	6.2	..	32.7	0	30	1	00	0	0	0	7	17	7	0	0	0
	1430	399	1005.4	961.7	..	28.4	25.1	23.6	29.3	76	..	6.5	..	30.8	0	31	0	00	0	0	0	4	21	6	0	0	0
	1730	399	1005.4	961.3	+0.6	26.0	24.2	23.3	28.8	86	+18	6.5	-0.1	32.7	0	30	1	00	0	0	0	4	23	4	0	0	0
	2030	399	1007.7	963.1	..	23.7	22.9	22.5	27.3	93	..	5.4	..	25.8	0	27	4	00	0	0	0	6	23	2	0	0	0
	2330	399	1008.5	963.8	..	22.9	22.4	22.1	26.6	96	..	4.9	..	23.1	0	21	10	00	0	0	0	7	24	0	0	0	0
COIMBATURE	0830	409	1007.9	962.3	+0.1	23.8	21.6	20.3	24.0	79	+ 2	6.9	+0.4	12.6	0	0	31	00	0	0	0	2	26	3	0	0	0
NAGAPATTINAM	0830	9	1007.4	1006.3	+0.1	29.6	23.6	20.5	24.3	58	- 7	6.7	+0.9	14.5	0	5	26	00	0	0	0	0	8	22	1	0	0
	1730	9	1003.8	1002.8	+0.1	32.3	25.8	22.9	27.9	58	- 5	7.0	+1.1	19.6	0	21	9	00	0	0	1	10	17	2	0	1	0
TIRUCHCHIRAPPALLI	0230	94	1005.5	995.7	..	27.3	21.9	18.8	22.0	60	..	6.3	..	30.5	0	30	1	00	0	0	0	0	7	24	0	0	0
	0530	94	1005.6	995.7	..	26.7	21.8	19.0	22.1	63	..	6.7	..	25.0	0	25	6	00	0	0	0	0	5	26	0	0	0
	0830	94	1006.9	997.1	-0.1	28.8	22.5	19.1	22.1	56	- 5	6.5	+0.4	31.3	0	28	3	00	0	0	0	0	6	25	0	0	0
	1130	94	1006.1	996.4	..	33.3	23.2	17.6	20.2	40	..	6.3	..	36.2	0	29	2	00	0	0	0	0	12	19	0	0	0
	1430	94	1003.7	994.0	..	35.1	23.3	16.7	19.0	34	..	6.6	..	38.3	0	29	2	00	0	0	0	1	9	20	1	0	0
	1730	94	1003.3	993.7	+0.0	33.1	22.8	16.9	19.3	39	- 4	6.8	+0.4	36.6	0	28	3	00	0	0	0	1	8	22	0	0	0
	2030	94	1005.9	996.0	..	29.8	22.3	18.1	20.8	50	..	6.3	..	31.0	0	30	1	00	0	0	0	1	5	25	0	0	0
	2330	94	1006.9	997.0	..	28.2	22.0	18.6	21.4	56	..	6.2	..	31.2	0	30	1	00	0	0	0	0	6	25	0	0	0
VEDARANNIYAM	0830	4	1007.2	1006.7	..	29.6	24.7	22.4	27.1	65	..	5.4	..	7.3	0	0	31	00	0	0	0	15	16	0	0	0	0
	1730	4	1004.5	1004.0	..	29.9	25.7	23.8	29.7	70	..	6.0	..	8.4	0	0	31	00	0	0	0	13	18	0	0	0	0
ATIRAMPATTINAM	0830	6	1007.3	1006.6	..	29.4	23.9	21.3	25.2	62	..	3.6	..	9.7	0	1	30	03	1	0	1	4	10	2	10	0	0
	1730	6	1004.3	1003.6	..	29.5	25.7	23.9	29.8	71	..	5.2	..	23.1	0	22	8	00	0	0	0	23	6	1	0	0	0
MADURAI	0830	133	1007.3	992.4	+0.1	29.0	23.4	20.5	24.3	60	+ 4	4.6	-1.3	2.6	0	0	23	05	0	1	0	0	0	0	17	8	0
MADURAI AERODROME	0530	131	1006.1	991.4	..	26.7	22.5	20.3	23.8	69	..	5.7	..	19.8	0	15	13	01	0	0	0	2	3	17	4	3	1
	0830	131	1007.3	992.6	+0.2	29.3	23.6	20.7	24.4	60	- 2	6.1	+0.1	20.6	0	15	15	00	0	0	0	5	5	15	5	1	0
	1130	131	1006.7	992.1	..	33.0	24.6	20.4	24.0	48	..	6.2	..	29.3	0	24	7	00	1	0	0	3	2	22	3	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JULY ,1968 (10 ASADHA - 9 SRAVANA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of mean standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind speed (Km. p. h.) 02 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADRAS STATE (INCLUDING PONDICHERRY)																											
MADURAI	1730	131	1004.3	989.8	+0.4	31.7	24.2	20.4	24.1	52	+ 0	6.8	+0.2	35.0	0	28	3	00	0	0	0	0	5	26	0	0	0
TONDI	0830	5	1007.9	1007.3	+0.4	29.5	23.8	21.1	24.7	61	-12	5.7	-0.4	6.3	0	0	31	01	0	0	1	11	12	5	1	0	0
	1730	5	1004.6	1004.0	+0.2	30.3	25.5	22.9	28.6	68	- 5	6.1	-0.3	16.8	0	13	18	00	0	1	8	14	2	6	0	0	0
PAMBAN	0830	11	1007.6	1006.3	-0.1	27.9	25.5	24.4	30.7	81	+ 4	5.4	+1.4	16.6	0	12	19	00	0	0	0	3	15	13	0	0	0
	1730	11	1005.0	1003.7	+0.2	28.5	26.2	25.2	32.2	82	+ 3	5.9	+1.3	22.9	0	15	16	00	0	0	3	14	13	1	0	0	0
TUTICORIN	0830	4	1008.4	1008.0	+0.3	29.3	23.2	20.1	23.5	58	+ 0	4.9	+0.8	19.7	0	13	18	00	0	0	0	3	6	20	2	0	0
	1730	4	1005.7	1005.3	+0.6	31.5	23.9	19.9	23.5	51	- 2	5.8	+1.9	27.0	0	26	5	00	0	0	0	0	3	28	0	0	0
PALAYAMKOTTAH	0830	51	1007.6	1001.9	-0.2	28.9	23.7	21.0	25.0	63	+ 4	6.2	+0.6	17.3	0	12	19	00	0	0	0	0	0	31	0	0	0
	1730	51	1006.1	1000.4	+1.0	30.1	23.6	20.3	23.8	56	+ 3	6.5	+0.2	22.8	0	21	9	00	0	0	0	0	0	30	1	0	0
KANNIYAKUMARI	0830	37	1009.3	1005.2	..	25.5	23.5	22.5	27.3	84	..	6.1	..	17.2	0	11	20	00	0	0	0	0	5	23	3	0	0
	1730	37	1007.4	1003.3	..	26.0	23.7	22.6	27.4	82	..	6.9	..	18.1	0	15	16	00	0	0	0	0	14	15	2	0	0
PONDICHERRY	0830	6	1006.4	1005.8	..	28.5	24.1	22.1	26.4	68	..	5.9	..	11.0	0	1	30	01	0	0	0	1	12	14	3	0	0
	1730	6	1002.6	1002.0	..	30.7	25.9	23.7	29.7	68	..	6.3	..	21.3	0	17	14	00	0	1	13	8	3	5	1	0	0
PORT NOVA	0830	3	1006.8	1006.5	..	30.1	26.0	24.0	30.4	72	..	6.5	..	14.3	0	6	25	00	2	0	2	4	19	3	1	0	0
TUTICORIN H.P.	0830	3	1008.2	1007.9	..	29.1	23.8	21.1	25.0	63	..	5.5	..	21.6	0	24	7	00	0	0	0	1	7	21	2	0	0
	1130	3	1007.7	1007.4	..	32.1	24.3	20.3	24.0	51	..	5.8	..	33.0	0	29	2	00	0	0	1	3	3	20	4	0	0
	1430	3	1005.5	1005.1	..	33.2	24.6	20.2	23.8	48	..	6.0	..	41.2	0	31	0	00	0	0	0	3	4	22	2	0	0
	1730	3	1005.1	1004.8	..	31.3	23.8	19.9	23.2	52	..	6.2	..	40.0	0	31	0	00	0	0	0	0	8	22	1	0	0
COASTAL MYSORE																											
KARWAR	0830	4	1007.5	1007.1	+0.2	26.4	25.0	24.4	30.5	89	+ 1	7.9	+0.3	7.3	0	0	30	01	0	1	2	3	8	7	5	1	3
	1730	4	1006.1	1005.6	+0.1	26.7	25.0	24.2	30.4	86	+ 0	7.9	+0.4	11.2	0	5	26	00	0	1	1	1	4	10	10	0	4
HONAVAR	0830	26	1007.5	1004.8	-0.3	25.2	24.4	24.1	29.8	93	+ 1	7.8	+0.6	5.1	0	0	29	00	0	1	1	7	3	16	1	2	0
	1730	26	1006.2	1003.3	-0.2	25.7	24.7	24.3	30.4	92	+ 2	7.7	+0.6	7.5	1	0	29	00	0	0	0	5	6	16	2	2	0
MANGALORE (BAJPE)	0230	102	1007.4	995.8	..	23.8	23.3	23.1	28.3	96	..	7.9	..	9.7	0	3	17	01	0	1	2	0	4	11	1	11	0
	0530	102	1007.1	995.6	..	23.7	23.2	22.9	27.9	96	..	7.8	..	9.4	0	6	16	01	1	3	1	1	4	9	2	9	0
	0830	102	1008.5	997.0	+0.1	24.4	23.8	23.4	28.9	94	+ 1	7.8	+0.4	11.4	0	5	21	00	0	3	2	3	8	8	2	5	0
	1130	102	1008.9	997.3	..	25.1	24.2	23.7	29.3	92	..	7.7	..	13.3	0	7	19	03	0	0	1	1	9	11	1	5	0
	1430	102	1007.4	995.9	..	25.9	24.5	23.9	29.7	89	..	7.7	..	15.2	0	8	18	00	0	0	1	0	9	13	3	5	0
	1730	102	1006.9	995.4	+0.2	24.8	23.9	23.4	28.9	92	+ 3	7.8	+0.3	16.5	0	11	17	00	0	0	0	0	5	21	2	3	0
	2030	102	1008.4	996.9	..	23.9	23.5	23.2	28.6	96	..	7.7	..	11.5	0	6	17	00	1	1	1	1	3	13	3	8	0
	2330	102	1009.1	997.6	..	23.9	23.3	23.1	28.1	95	..	7.8	..	10.1	0	2	19	00	0	4	0	1	2	11	3	10	0
MANGALORE	0830	22	1008.7	1006.2	+0.0	25.2	24.2	23.7	29.3	91	+ 0	7.9	+0.4	3.4	0	0	29	01	2	4	3	1	5	7	1	2	5
	1730	22	1007.1	1004.7	+0.3	25.5	24.2	23.7	29.3	90	+ 2	7.8	+0.3	8.3	0	0	31	02	0	2	1	2	8	8	6	0	2
MANGALORE H.P.	0830	32	1008.2	1004.6	..	24.9	24.2	24.0	29.7	95	..	7.5	..	9.0	0	1	28	01	1	1	5	3	5	9	4	2	0
	1130	32	1008.6	1005.0	..	25.6	24.7	24.3	30.4	93	..	7.5	..	10.3	0	2	26	02	0	1	1	1	7	12	4	3	0
	1730	32	1006.8	1003.1	..	25.0	24.3	23.9	29.7	94	..	7.7	..	14.2	0	7	24	00	0	0	2	1	4	13	11	0	0
INTERIOR MYSORE, NORTH																											
BIDAR	0830	664	1003.7	930.9	-0.2	23.4	21.1	20.1	23.2	82	- 4	8.0	+1.0	22.8	0	20	11	00	0	0	0	0	17	14	0	0	0
	1730	664	999.3	927.9	-0.4	27.9	22.1	19.1	22.4	62	- 5	7.7	+0.5	24.1	0	19	11	00	0	0	0	0	14	13	3	1	0
GULBARGA	0830	458	1004.6	953.7	-0.4	24.4	22.2	21.0	25.2	81	+ 0	7.7	+1.0	12.5	0	3	28	00	0	0	0	2	4	23	2	0	0
	1730	458	1000.3	950.5	-0.2	29.3	22.9	19.9	23.2	60	- 2	7.3	+0.2	15.3	0	9	21	00	0	0	0	1	7	20	2	1	0
BIJAPUR	0830	594	1005.1	939.6	+0.0	23.6	21.9	20.8	25.0	85	+ 5	7.1	+0.8	13.0	0	7	24	01	0	0	0	1	8	19	2	0	0
	1730	594	1000.9	936.7	-0.3	27.3	22.6	20.6	23.8	68	+ 6	7.5	+0.9	8.6	0	0	31	01	0	0	0	0	5	21	4	0	0
RAICHUR	0830	400	1005.1	960.9	-0.2	25.6	22.5	20.9	24.7	75	- 3	5.8	+0.0	10.0	0	0	31	00	1	0	0	0	25	0	5	0	0
	1730	400	1001.2	957.4	-0.3	30.0	23.1	19.3	22.7	55	- 4	6.1	-0.2	11.9	0	1	30	00	0	0	0	0	0	21	4	6	0
BELGAUM	0830	753	1006.3	923.7	-0.1	21.6	21.0	20.7	24.4	94	+ 4	7.9	+0.9	4.6	0	0	30	00	0	1	0	0	1	26	2	1	0
	1730	753	1004.1	921.9	-0.5	22.8	21.5	20.8	24.7	89	- 3	7.9	+0.8	4.7	0	0	31	00	0	0	0	0	1	29	1	0	0
BELGAUM (SAMRA)	0530	747	1005.1	922.9	..	21.0	20.2	19.8	23.1	93	..	7.2	..	14.7	0	9	22	00	0	0	0	0	6	24	1	0	0
	0830	747	1006.2	924.1	+0.0	21.9	20.8	20.3	23.7	91	+ 0	7.5	+0.1	17.8	0	14	17	00	0	0	0	0	5	25	1	0	0
	1130	747	1005.9	924.4	..	23.8	21.7	20.7	24.4	83	..	7.3	..	27.5	0	27	4	00	0	0	0	0	5	24	2	0	0
	1430	747	1004.6	923.2	..	24.1	21.8	20.8	24.4	83	..	7.1	..	27.9	0	27	4	00	0	0	0	0	5	25	1	0	0
	1730	747	1004.3	922.7	-0.1	22.8	21.2	20.4	24.0	86	- 1	7.3	-0.1	25.3	0	25	6	00	0	0	0	0	2	27	2	0	0
	2030	747	1006.3	924.1	..	21.4	20.5	20.1	23.5	92	..	7.2	..	14.3	0	8	23	00	0	0	0	0	2	28	1	0	0
GADAG	0530	650	1005.2	933.3	..	21.3	20.4	20.0	23.2	92	..	6.6	..	15.2	0	7	24	00	0	0	0	0	17	14	0	0	0
	0830	650	1005.8	934.2	-0.6	22.9	21.3	20.5	23.8	86	+ 2	7.2	+0.3	14.1	0	5	26	00	0	0	0	0	8	23	0	0	0
	1130	650	1005.3	934.7	..	26.5	22.1	20.1	23.4	68	..	7.0	..	17.0	0	14	17	00	0	0	0	0	13	18	0	0	0
	1430	650	1003.4	933.1	..	27.4	22.2	19.6	22.9	63	..	7.3	..	19.9	0	15	16	00	0	0	0	0	12	18	1	0	0
	1730	650	1003.2	932.6	-0.1	25.7	21.8	19.9	23.2	71	- 2	7.2	+0.3	15.0	0	5	26	00	0	0	0	0	10	21	0	0	0
	2030	650	1006.0	934.6	..	22.9	21.0	20.1	23.5	85	..	5.5	..	15.2	0	4	27	00	0	0	0	0	13	18	0	0	0
	2330	650	1006.9	935.1	..	21.9	20.8	20.2	23.8	90	..	6.4	..	15.3	0	6	25	00	0	0	0	0	15	16	0	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS— JULY ,1968 (10 ASADHA - 9 SRAVANA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of mean standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations, Wind Speed (Km. p. h.) 42 or more	20 to 41	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
INTERIOR MYSORE NORTH (CONTD.)																											
BIDAR A.F.	0530	665	1003.2	930.0	..	22.1	20.4	19.7	22.7	85	..	6.5	..	22.6	0	19	12	00	0	0	0	0	1	29	1	0	0
	0830	665	1003.9	930.9	..	23.5	21.2	20.0	23.5	84	..	6.7	..	28.3	0	25	6	00	0	0	0	0	2	27	2	0	0
	1130	665	1002.9	930.9	..	27.0	22.1	19.6	22.9	64	..	6.7	..	31.2	0	30	1	00	0	0	0	0	1	28	2	0	0
	1730	665	999.8	928.1	..	28.1	22.1	19.2	22.1	60	..	6.6	..	28.7	0	22	9	00	0	0	0	0	0	27	4	0	0
	2330	665	1004.0	931.1	..	23.9	21.4	20.0	23.5	79	..	6.1	..	24.5	0	21	10	00	0	0	0	0	0	29	2	0	0
INTERIOR MYSORE, SOUTH																											
BELLARY	0830	449	1005.6	956.0	+0.0	25.9	22.1	20.0	23.5	70	- 1	7.0	+0.6	13.7	0	2	29	00	0	0	1	0	11	1	18	0	0
	1730	449	1002.0	953.1	+0.1	29.3	22.9	19.4	22.7	58	- 1	7.7	+1.2	18.4	0	10	21	00	0	0	0	0	14	2	15	0	0
CHITRADURGA	0830	733	1006.5	926.0	-0.5	21.8	20.4	19.7	22.9	88	+ 5	7.0	-0.3	14.1	0	2	29	00	0	0	0	0	9	22	0	0	0
	1730	733	1003.7	924.2	-0.1	24.8	21.2	19.4	22.5	73	+ 4	6.5	-0.6	15.5	0	5	26	00	0	0	0	0	15	16	0	0	0
SHIMOGA	0830		..	..	..	..	..	..	..	..	..	7.6	+0.3	2.0	0	0	28	00	0	0	0	0	10	18	0	3	0
	1730		..	..	..	..	..	..	..	..	..	7.5	+0.4	3.4	0	0	31	00	0	0	0	0	1	30	0	0	0
AGUMBE	0830		..	..	..	21.0	20.6	20.5	24.0	96	..	.	..	..	.	..	..	00	0	0	0	1	28	1	0	1	0
BALEHONNUR	0830		..	..	..	20.3	19.9	19.6	22.9	96	+ 1	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
HASSAN	0830	960	1480.0	903.2	-0.2	20.1	19.4	19.0	22.1	93	+ 5	7.5	+0.2	7.9	0	0	31	00	0	0	0	0	9	22	0	0	0
	1730	960	1469.5	901.7	+0.0	21.7	20.1	19.2	22.4	86	+ 5	7.7	+0.5	4.6	0	0	31	00	0	0	0	0	8	20	3	0	0
BANGALORE	0230	921	1482.4	907.6	..	20.0	19.0	18.4	21.3	91	..	6.5	..	12.8	0	3	28	00	0	0	0	0	20	11	0	0	0
	0830	921	1489.9	908.2	+1.0	20.6	19.3	18.6	21.4	88	+ 2	7.4	-0.2	10.8	0	0	31	00	0	0	0	0	16	15	0	0	0
	1130	921	1498.4	908.3	..	24.5	20.3	18.1	20.8	68	..	7.3	..	15.3	0	9	22	00	0	0	0	0	16	15	0	0	0
	1430	921	1487.2	906.8	..	26.0	20.6	17.6	20.2	60	..	7.1	..	16.7	0	11	20	01	0	0	0	0	13	15	2	0	0
	1730	921	1478.7	906.3	+1.5	24.6	20.3	18.2	20.8	68	+ 0	7.3	-0.1	14.8	0	10	21	00	0	0	0	0	12	18	1	0	0
	2030	921	1489.7	907.9	..	22.1	19.6	18.3	21.0	79	..	5.5	..	13.6	0	7	24	00	0	0	0	0	14	17	0	0	0
BANGALORE AERODROME	0530	901	1462.4	908.1	..	19.8	19.1	18.8	21.6	96	..	7.0	..	21.7	0	24	7	00	0	0	0	0	14	17	0	0	0
	0830	901	1477.8	909.5	-0.2	20.9	19.9	19.4	22.5	91	+ 7	7.3	+0.3	25.6	0	29	2	00	0	0	0	0	16	15	0	0	0
	1130	901	1484.7	909.4	..	24.5	21.3	19.9	22.9	74	..	7.1	..	28.5	0	29	2	00	0	0	0	0	13	18	0	0	0
	1730	901	1462.9	907.2	-0.1	24.3	21.1	19.4	22.7	75	+ 9	7.3	+0.4	28.3	0	26	5	00	0	0	0	0	11	20	0	0	0
	2330	901	1480.9	909.9	..	20.7	19.7	19.2	22.2	91	..	6.3	..	22.3	0	24	7	00	0	0	0	1	12	18	0	0	0
MYSORE	0830	767	1008.3	923.9	-0.1	21.4	19.7	18.8	21.7	86	+ 2	4.5	-1.9	11.7	0	1	30	04	2	3	3	4	8	3	4	0	0
	1730	767	1005.5	922.0	-0.2	23.9	20.4	18.5	21.3	72	+ 2	5.5	-1.3	19.6	0	17	14	01	0	0	0	2	8	1	19	0	0
YALANKA A.F.	0530	932	1466.4	905.2	..	19.6	18.7	18.2	20.1	91	..	6.7	..	22.5	0	20	11	00	0	0	0	0	7	24	0	0	0
	0830	932	1479.9	906.1	..	21.4	19.5	18.5	21.3	83	..	6.8	..	26.0	0	28	3	00	0	0	0	0	6	25	0	0	0
	1130	932	1484.0	906.1	..	25.0	20.7	18.3	21.3	66	..	6.8	..	31.7	0	29	2	00	0	0	0	0	3	27	1	0	0
	1730	932	1465.9	904.2	..	24.3	20.4	18.3	21.0	71	..	7.0	..	30.5	0	26	5	00	0	0	0	0	6	23	2	0	0
	2330	932	1480.7	906.5	..	20.9	19.2	18.4	21.0	86	..	6.0	..	23.2	0	23	8	00	0	0	0	0	4	27	0	0	0
KERALA																											
CALICUT	0530	5	1009.1	1008.5	..	23.3	22.9	22.7	21.6	93	..	7.3	..	3.5	0	0	21	01	3	10	0	0	5	1	1	10	0
	0830	5	1010.0	1009.4	+0.5	24.3	23.8	23.5	28.9	95	+ 3	7.3	+0.1	2.5	0	0	19	00	2	9	0	0	2	2	4	12	0
	1130	5	1010.2	1009.6	..	25.6	24.6	24.1	30.0	92	..	7.3	..	4.1	0	0	23	03	1	1	0	1	3	12	2	8	0
	1430	5	1009.0	1008.4	..	25.5	24.7	24.2	30.4	90	..	7.1	..	5.2	0	1	28	03	0	1	0	1	8	13	3	2	0
	1730	5	1008.5	1007.9	+0.9	25.6	24.4	23.9	29.7	91	+ 2	7.4	+0.2	4.0	0	0	29	01	0	0	0	0	6	14	8	2	0
	2330	5	1010.5	1009.9	..	23.7	23.0	22.6	27.6	93	..	7.8	..	5.3	0	0	25	03	0	3	0	0	8	5	6	6	0
PALGHAT	0830	97	1009.2	998.3	+0.0	23.9	23.1	22.7	27.6	93	+ 1	7.6	+0.4	11.3	0	0	31	00	0	0	0	0	7	24	0	0	0
	1730	97	1007.5	996.5	+0.6	25.2	23.6	22.9	27.7	87	+ 2	7.6	+0.4	11.5	0	18	13	00	0	0	0	0	6	24	1	0	0
FORT COCHIN	0830	3	1010.2	1009.2	-0.5	24.9	24.1	23.7	29.3	93	+ 4	7.6	+0.4	5.9	0	1	24	03	5	4	2	0	0	6	5	6	0
	1730	3	1007.9	1007.6	+0.0	25.5	24.4	23.9	29.7	91	+ 4	7.8	+0.6	10.0	0	1	25	02	0	0	0	0	1	11	12	5	0
COCHIN (NAVAL AIR STATION)	0230	3	1009.0	1008.7	..	23.9	23.4	23.2	28.3	96	..	7.2	..	5.1	0	0	16	00	1	1	1	1	1	5	6	15	0
	0530	3	1008.6	1008.3	..	23.5	23.1	22.9	27.9	96	..	7.6	..	6.7	0	0	22	03	3	2	1	0	2	4	7	9	0
	0830	3	1010.1	1009.8	..	24.5	23.7	23.3	28.6	93	..	7.3	..	7.0	0	1	21	04	1	4	3	0	0	5	5	9	0
	1130	3	1010.4	1010.1	..	26.2	24.6	23.8	29.7	87	..	7.1	..	9.9	0	0	27	02	0	3	1	0	1	7	12	4	1
	1730	3	1008.3	1007.9	..	25.8	24.3	23.7	29.3	89	..	7.4	..	12.1	0	2	22	00	0	0	0	0	3	11	10	7	0
	2330	3	1010.5	1010.2	..	24.1	23.5	23.2	28.9	95	..	7.5	..	5.0	0	0	16	00	0	2	2	0	2	3	7	15	0
ALLEPPEY	0830	4	1010.2	1009.8	+0.4	24.6	24.1	23.8	29.7	95	+ 4	7.2	+0.2	8.8	0	4	27	07	8	2	2	0	2	1	9	0	0
	1730	4	1008.3	1007.9	+0.6	25.8	24.6	24.1	30.0	90	+ 5	7.1	+0.2	18.6	0	14	17	01	0	0	0	0	3	1	26	0	0
PUNALUR	0830	34	1010.4	1006.6	+0.8	24.2	23.6	23.3	28.6	95	+ 1	7.7	+1.4	1.1	0	0	6	00	0	0	0	0	2	3	1	25	0
	1730	34	1007.9	1004.1	+0.4	26.3	24.3	23.3	28.8	85	+ 7	7.8	+1.3	3.4	0	0	20	00	0	0	0	0	5	10	5	11	0
TRIVANDRUM	0230	64	1009.2	1001.8	..	23.6	23.2	23.0	28.1	96	..	6.9	..	7.3	0	2	20	01	0	0	0	0	0	7	14	9	0
	0530	64	1009.2	1001.8	..	23.2	22.9	22.7	27.6	97	..	6.9	..	8.1	0	2	26	05	1	0	0	0	0	6	16	3	0
	0830	64	1010.5	1003.1	+0.5	24.5	23.5	23.0	28.1	92	+ 3	7.1	+0.4	7.3	0	6	25	01	0	0	0	0	0	9	21	0	0
	1130	64	1010.3	1003.0	..	26.5	24.4	23.4	28.9	84	..	7.1	..	13.7	0	6	25	02	1	0	0	0	0	8	20	0	0
	1430	64	1008.6	1001.3	..	26.9	24.5	23.4	28.8	81	..	7.2	..	15.3	0	10	21	01	0	0	0	0	0	12	18	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JULY ,1968 (10 ASADHA - 9 SRAVANA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gms. of normal standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
KERALA (CONTD)																											
TRIVENDRUM	1730	64	1008.3	1001.0	+0.6	26.2	24.0	23.0	28.1	83	+ 2	7.1	+0.4	12.7	0	1	27	05	1	0	0	0	0	6	16	3	0
	2030	64	1010.2	1002.8	..	24.4	23.4	23.0	27.9	92	..	6.2	..	8.6	0	1	29	02	0	0	0	0	0	6	22	1	0
	2330	64	1010.8	1003.5	..	23.9	23.3	23.1	28.1	95	..	6.6	..	8.1	0	1	27	07	1	0	0	0	0	4	16	3	0
TRIVANDRUM AERODROME	0830	8	1010.8	1009.9	+1.0	25.1	23.6	22.9	27.9	88	+ 2	7.1	+1.1	18.2	0	14	14	14	0	0	0	0	0	1	13	3	0
ARABIAN SEA ISLANDS																											
AMINI	0530	2	1007.1	1006.7	..	27.2	25.2	24.3	30.4	84	..	7.1	..	43.4	0	31	0	00	0	0	0	0	5	25	1	0	0
	0830	2	1008.6	1008.2	-0.2	27.3	25.3	24.4	30.5	84	- 1	7.1	+0.7	40.7	0	30	1	00	0	0	0	0	6	23	2	0	0
	1130	2	1009.0	1008.6	..	27.9	25.6	24.6	30.9	82	..	7.2	..	40.0	0	30	1	00	0	0	0	0	5	25	1	0	0
	1730	2	1007.1	1006.7	..	27.4	25.3	24.3	30.4	83	..	7.2	..	42.6	0	31	0	00	0	0	0	0	3	26	2	0	0
	2330	2	1009.3	1008.9	..	27.1	25.2	24.4	30.4	85	..	6.9	..	41.9	2	28	1	00	0	0	0	0	4	24	3	0	0
AGATTI	0830	4	1008.9	1008.4	..	26.9	25.1	24.3	30.4	86	..	6.8	..	20.5	0	14	17	00	0	0	0	0	6	21	4	0	0
	1730	4	1007.7	1007.2	..	27.5	25.1	24.1	29.8	82	..	6.8	..	28.5	0	29	2	00	0	0	0	0	8	19	3	0	0
ANDROTH	0830	5	1009.7	1009.2	..	26.0	24.5	23.9	29.7	88	..	7.4	..	4.2	0	1	28	00	0	0	0	0	5	2	8	2	14
	1730	5	1006.3	1005.8	..	27.1	25.1	24.3	30.4	85	..	7.7	..	4.8	0	0	27	00	0	0	0	0	3	14	0	4	10
MINICOY	0530	2	1008.9	1008.7	..	26.3	24.1	23.1	28.3	83	..	6.6	..	13.0	0	6	24	00	0	0	0	0	1	24	5	1	0
	0830	2	1010.5	1010.3	+0.5	26.8	24.6	23.5	29.1	82	+ 1	7.0	+1.0	13.4	0	7	24	00	0	0	0	0	1	25	5	0	0
	1130	2	1010.8	1010.6	..	27.8	25.1	23.9	29.7	79	..	7.1	..	13.7	0	9	21	00	0	0	0	0	2	22	6	1	0
	1430	2	1009.4	1009.2	..	27.3	24.8	23.6	29.3	79	..	7.4	..	15.9	0	12	19	00	0	0	0	0	1	20	10	0	0
	1730	2	1008.8	1008.6	+0.8	27.2	24.5	23.3	28.6	79	- 1	7.5	+0.6	14.3	0	10	19	00	0	0	0	0	0	21	8	2	0
	2030	2	1010.3	1010.1	..	26.5	24.3	23.2	28.6	82	..	6.2	..	18.8	0	17	13	00	0	0	0	0	3	19	8	1	0
	2330	2	1011.1	1010.9	..	26.5	24.3	23.3	28.6	83	..	6.5	..	17.1	0	15	16	00	0	0	0	0	0	24	7	0	0
HILL STATIONS(EXCLUDING KASHMIR)																											
DALHOUSIE	0830	1959	1388.4	796.7	+1.6	18.7	16.9	15.6	17.7	85	- 1	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	1959	1361.4	793.8	-0.8	20.5	18.3	17.7	19.6	80	- 5	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
DHARMASALA	0830	1211	1463.8	875.4	-1.2	23.3	21.4	20.5	24.1	85	+ 5	6.2	+0.5	0.5	0	0	15	01	5	5	3	0	1	0	0	16	0
	1730	1211	1446.7	873.5	-1.6	25.3	22.5	21.1	25.0	78	+ 2	5.7	+0.2	1.0	0	0	27	01	1	1	2	3	11	4	4	4	0
BHUNTAR	0830	1096	1425.2	882.9	..	23.1	20.9	19.8	23.1	82	..	6.3	..	3.4	0	0	19	04	1	0	5	7	1	0	1	12	0
	1130	1096	1420.6	881.9	..	27.9	22.4	19.8	23.1	63	..	6.0	..	10.8	0	4	24	03	0	1	9	14	1	0	0	3	0
	1730	1096	1397.1	879.5	..	28.2	22.7	20.2	23.7	63	..	5.6	..	14.8	0	11	20	00	0	1	10	17	1	2	0	0	0
SIMLA	0830	2202	1427.1	777.2	+0.4	17.7	16.0	14.9	16.9	85	- 1	6.5	+0.1	2.1	0	0	30	00	6	0	12	2	8	0	2	1	0
	1730	2202	1406.3	775.2	-0.5	19.0	17.3	16.4	18.6	86	- 2	6.5	-0.2	2.1	0	0	30	07	5	0	12	2	6	0	3	1	0
GHANGARIA (KANJALIA TOK)	0830		..	..	..	12.5	11.7	11.5	13.5	94	+ 0	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BADRINATH	0830		(R)																								
JOSHIMATH	0830		..	..	- ..	20.0	18.5	17.5	20.0	86	- 3	4.5	-1.7	2.5	0	0	30	00	3	8	0	0	8	7	4	1	0
	1730		..	..	- ..	23.0	19.3	17.5	20.0	72	- 3	6.0	-1.0	4.2	0	0	31	06	4	0	0	1	4	11	5	0	0
MUSSOORIE	0830	2042	1424.0	791.4	-1.4	17.8	17.1	16.8	19.1	94	+ 1	7.0	+0.4	1.0	0	0	14	01	1	0	3	6	2	0	1	17	0
	1730	2042	1400.2	789.4	-2.0	18.8	18.2	17.9	20.5	95	+ 0	7.0	+0.1	1.5	0	0	18	02	0	0	5	7	2	0	2	13	0
MUKTESWAR (KUMAUN)	0830	2311	3094.9	768.4	+0.6	16.1	15.5	15.1	17.1	94	+ 2	6.9	+0.2	6.1	0	0	29	00	4	8	4	3	2	5	3	2	0
	1730	2311	3082.4	766.7	+0.4	18.5	17.2	16.5	18.8	89	- 1	6.5	+0.7	5.3	0	0	29	00	4	6	2	1	6	8	2	2	0
NAINITAL	0830	1953	1428.1	800.0	+0.4	18.2	16.9	16.0	18.2	86	+ 0	6.9	+0.0	9.6	0	4	21	01	1	11	9	0	0	1	2	6	0
	1730	1953	1397.0	797.4	-0.6	19.2	17.6	16.5	18.6	85	- 2	5.7	-1.2	8.3	0	0	30	03	0	9	9	3	1	5	0	1	0
KALIMPONG	0830	1209	1444.6	873.6	+0.0	21.5	21.0	20.7	24.4	96	+ 9	6.5	+0.6	5.7	0	0	31	01	0	0	18	0	0	0	12	0	0
	1730	1209	1419.5	871.0	-0.3	22.1	21.4	21.0	24.9	94	+ 2	6.5	+1.0	5.4	0	0	31	00	0	0	30	0	0	0	1	0	0
DARJEELING	0830	2128	(R)																								
	1730	2128	(R)																								
KOHIMA	0830	1406	(R)																								
	1730	1406	(R)																								
SHILLONG(C.S.O.)	0830	1598	1443.3	835.1	+1.3	20.4	18.9	18.1	20.8	87	+ 8	7.3	-0.6	2.4	0	0	20	02	0	1	6	4	4	1	2	11	0
	1730	1598	1421.5	833.3	+1.9	20.4	19.0	18.3	21.0	88	+ 9	6.6	-0.6	3.2	0	0	24	01	1	1	6	4	3	5	2	7	1
CHERRAPUNJI	0830	1313	1477.8	866.3	+2.9	19.8	19.6	19.5	22.7	96	+ 3	7.3	+0.2	5.5	0	0	31	00	11	0	1	0	19	0	0	0	0
	1730	1313	1464.1	865.3	+4.1	20.2	19.7	19.5	22.7	95	+ 1	6.5	+0.0	5.3	0	0	31	00	6	0	4	0	21	0	0	0	0
ABU	0830	1195	1460.8	876.6	+3.5	21.4	19.5	18.5	21.3	84	- 6	6.0	-0.8	2.0	0	0	16	00	0	0	0	0	0	8	8	0	15
	1730	1195	1412.7	871.6	-0.4	23.6	21.1	19.5	22.7	76	-15	5.0	-1.5	2.0	0	0	16	00	0	0	0	0	9	7	0	15	0
AIJAL	0830		..	..	+..	22.5	21.2	20.5	24.1	90	- 1	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	+ .)	22.5	21.7	21.3	25.9	93	- 1	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
PACHMARHI	0830	1075	1432.3	886.0	-0.3	21.6	20.5	19.9	23.2	90	- 1	7.5	-0.1	5.3	0	0	31	01	1	0	0	0	1	16	12	0	0
	1730	1075	1407.4	883.8	-0.5	23.4	21.4	20.4	24.0	88	+ 1	7.1	-0.3	4.5	0	0	28	01	0	0	0	0	1	19	7	3	0
MAHABALESHWAR	0830	1382	1456.9	857.7	-0.4	17.8	17.8	17.8	20.4	0	-95	8.0	+0.0	17.4	0	11	20	00	1	0	0	0	28	0	2	0	0
	1730		..	..	..	..	..	..	..	..	..	8.0	+0.7	16.6	0	6	25	00	0	0	0	0	29	0	2	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — JULY 1968 (10 ASADHA - 9 SRAVANA 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At station mean level or lat. in gpm. of mean standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry bulb	Mean temperature in °C Wet bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HILL STATIONS (EXCLUDING KASHMIR)																											
MERCARA	0830	1153	1485.6	883.9	+0.3	18.2	18.0	17.9	20.5	99	+ 2	.	..	18.5	0	13	18	00	0	0	0	0	2	22	5	0	2
	1730	1153	1471.6	882.5	+0.3	18.6	18.3	18.2	20.8	97	- 1	.	..	17.5	0	11	20	00	0	0	0	0	3	20	5	0	3
OOTACAMUND	0830	2249	1488.3	778.1	+0.5	13.1	12.2	11.7	13.6	91	+ 0	6.7	+0.2	7.9	0	0	30	00	0	0	0	0	15	15	0	1	0
	1730	2249	1470.9	776.3	-0.2	13.3	12.7	12.5	14.3	91	+ 2	6.7	-0.4	5.8	0	0	31	00	0	0	0	0	17	14	0	0	0
COONOOR	0830	1747	..	..	..	18.5	15.8	13.2	15.1	71	+ 0	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
KODAIKANAL	0830	2343	3129.4	769.4	-0.1	13.4	12.2	11.3	13.5	88	+ 7	7.5	+1.3	15.8	0	10	21	01	0	0	0	0	0	15	15	0	0
	1130	2343	3139.1	769.7	..	15.8	13.6	12.2	14.1	80	..	7.5	..	15.1	0	8	23	01	0	0	1	0	1	11	17	0	0
	1730	2343	3118.2	768.3	+0.0	13.8	12.6	11.7	13.8	88	- 1	7.7	+0.3	14.2	0	3	28	00	0	0	0	0	0	16	15	0	0
MANALI	0830		..	..	..	17.3	16.4	15.8	17.9	91	..	.	..	0.3	0	0	3	01	1	0	0	1	0	0	0	28	0
	1730		..	..	..	22.8	19.1	17.5	20.0	73	..	.	..	0.2	0	0	15	03	0	5	0	7	0	0	0	16	0
NEPAL																											
KATMANDU	0830	1324	1437.0	861.3	-1.0	22.3	20.7	19.9	23.3	87	+ 5	6.5	-0.1	0.5	0	0	6	02	0	2	0	2	0	0	0	25	0
	1130	1324	1431.9	860.7	..	25.4	21.8	20.1	23.5	73	..	6.3	..	1.8	0	0	22	10	0	3	0	9	0	0	0	9	0
	1730	1324	1407.8	858.3	-1.6	23.7	21.7	20.7	24.5	84	+ 3	6.9	+0.2	0.6	0	0	8	04	1	0	1	1	1	0	0	23	0
SIKKIM																											
LACHEN	0830		(R)																								
HYDROMETEOROLOGICAL OBSERVATORIES																											
DAMODAR CATCHMENT																											
TILAIYA	0830		..	..	..	27.9	25.5	24.4	30.5	82	..	6.3	..	7.7	0	0	30	00	1	9	8	0	1	7	4	1	0
	1730		..	..	..	28.1	25.5	24.4	30.5	80	..	7.2	..	8.6	0	0	28	01	1	11	6	0	1	5	3	3	0
HAZARIBAGH	0830	615	999.1	932.2	..	25.8	24.5	24.0	29.8	90	..	6.7	..	7.9	0	1	27	00	0	8	3	1	4	7	5	3	0
	1730	615	996.4	929.8	..	26.0	25.0	24.5	30.7	92	..	7.0	..	4.7	0	0	17	00	0	6	1	0	7	1	2	14	0
KONAR	0830		(R)																								
	1730		(R)																								
BOKARO	0830	242	998.5	971.5	..	28.4	26.4	25.6	32.8	85	..	5.3	..	5.1	0	0	31	02	3	7	7	4	3	2	3	0	0
	1730	242	995.8	969.2	..	28.6	26.3	25.3	32.2	83	..	5.7	..	5.4	0	0	29	02	2	6	5	2	4	4	4	2	0
MAITHON	0830		..	..	..	29.8	26.7	25.4	32.4	77	..	6.3	..	2.2	0	0	31	01	2	0	7	9	6	3	3	0	0
	1730		..	..	..	29.3	26.3	25.0	31.7	78	..	5.8	..	2.6	0	0	30	00	3	0	14	3	6	0	4	1	0
RAMGARH	0830		..	..	..	27.7	25.5	24.5	30.8	82	..	5.8	..	5.0	0	0	25	00	1	8	1	1	3	6	2	6	3
	1730		..	..	..	28.4	25.5	24.3	30.4	78	..	6.6	..	5.0	0	0	27	03	0	10	4	1	2	4	1	4	2
PANCHET HILLS	0830		..	..	..	28.8	26.7	25.9	33.4	84	..	3.0	..	1.3	0	0	15	00	4	0	5	0	4	0	2	16	0
	1730		..	..	..	29.2	26.8	25.9	33.4	83	..	6.8	..	1.5	0	0	14	00	6	0	2	0	6	0	0	17	0
DURGAPUR	0830		..	..	..	28.4	26.4	25.6	32.8	85	..	6.4	..	13.5	0	6	23	00	3	2	6	14	1	0	3	2	0
	1730		..	..	..	29.7	26.7	25.5	32.6	79	..	6.5	..	12.3	0	5	22	08	1	1	1	13	2	1	0	4	0
MAHANADI CATCHMENT																											
GINABAHAR	0830		..	..	..	26.5	24.7	23.9	29.8	87	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
HIRAKUD	0830	159	1000.3	982.7	..	28.1	25.7	24.7	30.9	82	..	6.1	..	1.1	0	0	5	00	0	0	0	1	4	0	0	26	0
	1130	159	999.7	982.1	..	30.3	26.3	24.6	30.9	72	..	6.6	..	2.1	0	0	16	00	0	0	0	4	5	7	0	15	0
	1730	159	997.1	979.6	..	30.4	26.6	25.0	31.7	73	..	6.9	..	1.7	0	0	11	00	1	1	1	1	4	2	1	20	0
BHIMKUND	0830		(R)																								
	1730		(R)																								
SONEPUR	0830		..	..	..	27.8	26.2	25.5	32.6	87	..	.	..	..	.	..	..	00	0	0	0	0	0	14	1	16	0
KHIJRAWAN	0830		..	..	..	26.0	23.6	22.5	27.1	81	..	6.8	..	10.6	0	7	24	00	1	0	2	1	12	14	1	0	0
	1730		..	..	..	27.6	24.4	22.8	27.9	75	..	7.0	..	7.4	0	1	30	00	2	0	4	4	13	6	2	0	0
NARMADA CATCHMENT																											
BAGRA TAWA	0830		..	..	..	26.1	23.9	22.8	27.9	82	..	7.1	..	13.3	0	1	30	00	0	0	0	4	17	10	0	0	0
	1730		..	..	..	28.5	24.7	22.9	27.9	74	..	6.9	..	12.2	0	1	28	00	0	0	3	5	14	7	0	2	0
PUNASA	0830		..	..	..	26.6	24.4	23.3	28.8	82	..	.	..	2.7	0	0	31	00	0	0	0	0	31	0	0	0	0
	1730		..	..	..	30.6	21.1	15.0	17.3	40	..	.	..	2.4	0	0	31	00	0	0	0	0	31	0	0	0	0
THIKRI	0830		..	..	..	27.8	25.0	23.7	29.3	79	..	7.3	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
SABARMATI CATCHMENT																											
DAROI	0830		..	..	..	27.9	25.8	24.9	31.5	84	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	33.5	27.4	24.9	31.5	63	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS— JULY ,1968 (10 ASADHA - 9 SRAVANA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gen. of mean gradient inclusive level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Okta) Mean amount	Cloud Amount (Okta) Departure from normal	Mean wind speed Km. per hour	No. of observations Wind speed (Km. p.h.) 0 or zero	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
GANDAK CATCHMENT																											
JAMOSOM	0830		..	..	..	18.1	15.1	13.4	15.5	76	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	19.7	15.1	12.4	14.6	64	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
KHUDI BAZAR	0830		..	..	..	24.3	22.2	21.2	25.2	83	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	25.6	23.0	21.9	26.3	81	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TIMURE	0830		..	..	..	20.1	18.3	17.4	19.9	85	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	22.1	19.2	17.9	20.5	77	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
POKHARA	0830		..	..	..	24.3	22.7	22.0	26.4	87	..	6.8	..	2.5	0	0	19	03	1	1	8	2	0	0	4	12	0
	1130		..	..	..	26.6	23.6	22.3	26.6	78	..	5.9	..	3.2	0	0	27	01	0	3	11	3	6	2	1	4	0
	1730		..	..	..	26.6	23.5	22.2	26.8	77	..	6.5	..	5.2	0	0	27	02	3	7	9	3	1	0	2	4	0
GORKHA	0830		..	..	..	22.3	21.6	21.2	25.2	94	..	7.5	..	..	.	..	..	00	0	0	7	13	4	0	2	5	0
	1130		..	..	..	24.6	22.8	22.0	26.4	86	..	6.7	..	..	.	..	..	00	1	1	10	8	2	0	8	1	0
	1730		..	..	..	25.1	22.6	21.4	25.5	80	..	6.6	..	..	.	..	..	01	3	0	4	6	3	2	9	3	0
NUWAKOT	0830		..	..	..	24.7	20.4	18.1	20.9	68	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	25.5	20.5	17.7	20.6	63	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GHAGHARA CATCHMENT(TRANS HIMALAYAN REGION)																											
DAILEKH	0830		..	..	..	22.1	21.0	20.5	24.1	91	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	23.7	21.9	21.1	25.0	85	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GHAGHARA CATCHMENT																											
SALLYANA	0830		..	..	..	22.1	20.5	19.7	23.0	87	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	22.5	20.8	20.0	23.3	86	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BUTWAL	0830		..	..	..	28.1	25.6	24.5	30.8	82	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	29.6	26.3	24.9	31.5	77	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BAGHMATI CATCHMENT																											
KATMANDU	0830	SEE UNDER NEPAL																									
	1130																										
	1730																										
KOSI CATCHMENT																											
CHAUTARA	0830		..	..	..	21.2	20.4	20.1	23.6	94	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	22.6	21.0	20.3	23.9	88	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
WALUNGCHUNG GOLA	0830		..	..	..	13.1	12.0	11.3	13.3	89	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	12.6	12.1	11.9	13.9	95	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TAPLETHOK	0830		..	..	..	22.2	20.4	19.5	22.7	85	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	22.0	20.4	19.6	22.8	86	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BHOJPUR	0830		..	..	..	20.3	19.4	18.9	21.9	91	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	19.9	19.3	19.0	22.0	95	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TAPLEJUNG	0830		..	..	..	19.7	18.8	18.4	21.2	92	..	7.2	..	1.5	0	0	15	03	1	0	0	0	1	3	7	16	0
	1130		..	..	..	22.5	20.4	19.4	22.6	84	..	6.6	..	4.6	0	0	29	02	4	0	2	3	3	3	12	2	0
	1730		..	..	..	21.1	19.3	18.5	21.3	85	..	7.2	..	4.8	0	0	22	02	2	0	9	6	1	0	2	9	0
OKHALDHUNGA	0830		..	..	..	19.5	18.8	18.5	21.3	94	..	7.5	..	0.1	0	0	1	00	0	0	0	0	0	1	0	30	0
	1130		..	..	..	22.0	20.2	19.3	22.5	85	..	6.3	..	0.4	0	0	2	00	1	0	0	0	1	0	0	29	0
	1730		..	..	..	19.7	19.2	18.9	21.8	95	..	7.5	..	3.7	0	0	15	00	1	0	0	1	3	8	2	16	0
CHAINPUR	0830		..	..	..	22.6	21.2	20.5	24.3	88	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	23.1	21.7	20.7	24.5	84	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BARAHAKSHETRA	0830	146	1001.2	984.9	..	27.2	25.4	24.6	30.9	86	..	6.0	..	0.8	0	0	11	01	0	0	0	0	3	4	3	20	0
	1130	146	1000.5	984.3	..	29.2	26.3	25.1	31.9	79	..	6.5	..	2.8	0	0	20	00	1	2	0	0	8	8	1	11	0
	1730	146	998.1	981.9	..	28.4	26.2	25.2	32.1	83	..	6.6	..	1.1	0	0	13	00	1	1	0	1	6	3	1	18	0
TISTA CATCHMENT																											
GANGTOK	0830	1756	1442.8	814.6	..	18.9	18.3	18.0	20.6	95	..	7.6	..	1.5	0	0	12	04	3	0	0	2	3	0	0	19	0
	1130	1756	1435.8	814.3	..	21.1	19.9	19.4	22.5	91	..	7.5	..	4.0	0	0	25	01	1	0	4	7	10	2	0	6	0
	1730	1756	1419.0	812.6	..	20.3	19.2	18.6	21.4	91	..	7.7	..	2.0	0	0	15	01	0	0	2	8	3	0	1	16	0
GEZING	0830		(R)																								
	1730		(R)																								

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भारत सरकार

GOVERNMENT OF INDIA

मौसम विज्ञान विभाग

METEOROLOGICAL DEPARTMENT

भारतीय मौसम पुनरीक्षण

INDIA WEATHER REVIEW

1968

मासिक मौसम रिपोर्ट

MONTHLY WEATHER REPORT

अगस्त

AUGUST

भारत सरकार के प्राधिकार द्वारा वेधशालाओं के महानिदेशक के निदेशाधीन प्रकाशित
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INDIA WEATHER REVIEW, 1968

Monthly Weather Report

AUGUST

MONTHLY WEATHER REPORT

FOR
AUGUST 1968

C O N T E N T S

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MEANINGS OF SYMBOLS AND ABBREVIATIONS IN TABLES II AND III

Symbol/Abbreviation	Meaning
(a)	Mean/total for 30 days
(b)	Mean/total for 29 days
(c)	Mean/total for 28 days
(d)	Mean/total for 27 days
(e)	Mean/total for 26 days
(f)	Mean/total for 25 days
(g)	Mean/total for 24 days
(h)	Mean/total for 23 days
(i)	Mean/total for 22 days
(j)	Mean/total for 21 days
(k)	Mean/total for 20 days
(l)	Mean/total for 19 days
(m)	Mean/total for 18 days
(n)	Mean/total for 17 days
(o)	Mean/total for 16 days
(p)	Mean/total for 15 days
(q)	Mean/total for 14 days
*	Closed during winter months.
(R)	Register not received, hence data not available.
//	Data for less than 15 days, hence no means published.
dy	Days
●	Data rejected
D.N	Data not available
E	Estimated
H	Height provisional

INDIA WEATHER REVIEW, 1968

Monthly Weather Report

AUGUST

Published by the Authority of the Government of India

Chief features :-

1) Good monsoon activity over most parts of north and central India causing floods in a number of states.

2) Formation and movement of three Bay depressions.

3) Sub-normal rainfall over the Peninsula leading to serious drought conditions in Andhra Pradesh and in parts of Mysore and Maharashtra States.

and 4) General weakening of the monsoon during the last week and its early withdrawal from northwest India by the end of the month.

The depression which was lying over southeast Rajasthan and adjoining parts of Madhya Pradesh at the end of last month recurved slowly northeastwards and weakened. It lay as a low pressure area over northwest Madhya Pradesh and neighbourhood on 2nd. Weakening further it became unimportant by 4th. Under its influence, the monsoon was active or vigorous over Gujarat State and East Rajasthan. The other parts of north and central India also received good rainfall. Some of the exceptionally heavy rainfalls recorded were : Idar 28 cm and Banswara 27 cm on 1st and Abu 26 cm on 1st and 32 cm on 2nd. The other noteworthy amounts of rainfall reported were : Dungarpur 18 cm and Asansol, Dharmsala and Mahabaleshwar 13 cm each on 1st, Mahabaleshwar 14 cm and Khandala, Bhilwara and Sibsagar 12 cm each on 2nd and Rajgarh 15 cm each on 3rd and 4th. The heavy rains were reported to have caused serious floods in east Rajasthan inundating vast areas and disrupting road and rail communications.

A low pressure area formed over the northeast Bay of Bengal and adjoining land areas on 2nd. It concentrated into a depression by the next morning with centre about 150 kms eastsoutheast of Calcutta. Moving in a westerly direction it intensified into a deep depression by the morning of 4th when it was centred about 100 kms north of Jharsuguda. Continuing its westward movement it lay over Saurashtra and Kutch on 7th morning centred about 50 kms north of Rajkot. Thereafter it took a northwesterly course and weakening progressively merged into the seasonal low over West Pakistan and adjoining northwest India by 9th. Under its influence, the monsoon was active or vigorous in Gangetic West Bengal, Orissa, Bihar Plateau Madhya Pradesh, Maharashtra and Gujarat State. Bhaunagar recorded an exceptionally heavy fall of 38 cm of rain and Porbandar 32 cm on 7th. Some of the other noteworthy amounts of rainfall reported were : Jamshedpur 21 cm, Midnapore 17 cm, Dhanbad 15 cm, Alipore 13 cm and Contai 12 cm on 3rd, Baripada 26 cm, Jharsuguda 20 cm and Rourkela 14 cm on 4th, Pachmarhi 28 cm, Jalgaon 17 cm, Champa 14 cm and Khandwa 13 cm on 5th, Surat 21 cm, Jalgaon 19 cm, Baroda and Nandurbar 18 cm each, Nasik (Ozar) 15 cm and Khandwa 13 cm on 6th, Rajkot 19 cm, Mahabaleshwar and Khandala 15 cm each and Bhira 14 cm on 7th. As a result of the heavy rains serious floods were reported from north Orissa, West Bengal and Gujarat State causing inundation of vast areas, disruption of road and rail communications and damage to standing crops. The floods in Midnapore district alone affected about five lakhs of people. South Gujarat also suffered serious damages and loss of many lives, Broach and Surat being very seriously affected by the flood waters of the Narmada and the Tapti respectively. The rail communication with Bombay was also cut off due to breaches of tracks and bridges and normal traffic could be restored only after about a month. Flood havocs due to the heavy rains were also reported from Madhya Pradesh, Haryana and parts of Uttar Pradesh; but they were not serious.

The monsoon was fairly active over the extreme northern parts of the country at the beginning of the second week. A low pressure area formed over the north Bay of Bengal and adjoining land areas on 10th. It intensified into a depression by the next morning with centre about 200 kms eastsoutheast of Calcutta. Moving slowly westnorthwestwards to northeast Madhya Pradesh, it weakened into a well marked low pressure area by 13th morning and persisted there till 18th. Later it merged into the seasonal trough. Under its influence, there was well distributed rainfall over north and central India. The monsoon was also active

in Vidarbha, Madhya Pradesh, Uttar Pradesh and east Rajasthan. Some of the heavy rainfalls recorded were : Moradabad 16 cm and Karnal 12 cm on 11th, Baripada and Sambalpur 16 cm each on 12th, Silchar 13 cm and Champa 12 cm on 13th, Mandla 21 cm, Seoni 15 cm and Jabalpur 14 cm on 14th, Moradabad 12 cm on 15th and Nowgong 18 cm on 16th. The heavy rains were reported to have caused floods in Wainganga and its tributaries and in the Narmada in Madhya Pradesh and the road traffic was dislocated from 14th to 18th. Medium floods were also reported in the rivers Sarda, Ramganga and Ganga in Uttar Pradesh during the third week.

A low pressure area moved from the east into the east central Bay of Bengal on 20th. It became well marked the next day and concentrated into a depression by the morning of 22nd with centre near latitude 19°N and Long. 90°E. Moving northnorthwestwards, it crossed the West Bengal coast near Sagar Island by the evening of 23rd. Later it moved northwards and weakened into a low pressure area over Sub-Himalayan West Bengal and neighbourhood by 24th evening. Weakening further it became unimportant by 26th. Under its influence, the monsoon was active over northeast India and east Uttar Pradesh. Silchar recorded 14 cm of rain on 23rd, Gonda 12 cm on 24th, Tura 14 cm on 26th and Goalpara 13 cm on 27th.

With the northward movement of the above depression, the axis of the monsoon trough shifted northwards to the foot of the Himalayas. Consequently the good rainfall over north Assam and Sub-Himalayan West Bengal continued for the rest of the month. The monsoon activity over the Western Himalayas as well as over the plains of northwest India decreased considerably at the beginning of the last week. A trough in the westerlies lying over northwest India on 26th moved away slowly eastwards by 30th across the Western Himalayas when it caused isolated showers. In the wake of it, the monsoon withdrew from northwest India, about a fortnight earlier than the normal date.

The monsoon was fairly active over Kerala during the month. However, the other parts of the Peninsula received only scanty or deficient rainfall except for a spell of good rainfall in Madras State towards the end of the month. The continued deficiency of rainfall was reported to have led to serious drought conditions in Andhra Pradesh and in parts of Mysore and Maharashtra States.

The rainfall was in large excess in Saurashtra-Kutch; in moderate excess in Gangetic West Bengal and Jammu and Kashmir; in slight excess in Bihar Plateau and Madhya Maharashtra. It was normal over South Assam, Sub-Himalayan West Bengal, Haryana, Punjab and west Madhya Pradesh. It was in slight defect over North Assam, Orissa, Bihar Plains, Uttar Pradesh, East Madhya Pradesh, Gujarat, Marathwada and Kerala;in moderate defect over the Bay Islands, Himachal Pradesh, east Rajasthan, Vidarbha, Madras, Coastal Mysore and south Interior Mysore. It was in large defect over the rest of the country.

The mean maximum temperature was above normal in west Rajasthan, Coastal Andhra Pradesh, Telangana, Rayalaseema and Madras. It was normal over the rest of the country.

The mean minimum temperature was below normal in Jammu and Kashmir and Marathwada. It was normal over the rest of the country.

The mean Relative Humidity in the morning was below normal in Coastal Andhra Pradesh and Telangana. It was normal over the rest of the country.

The mean Relative Humidity in the evening was below normal in Rajasthan, Gujarat, Coastal Andhra Pradesh, Telangana, Rayalaseema and north Interior Mysore. It was normal over the rest of the country.

The mean cloud amount in the morning was below normal in west Uttar Pradesh, Haryana, Himachal Pradesh, Rajasthan, Gujarat, Madhya Maharashtra and Rayalaseema. It was normal over the rest of the country.

The mean cloud amount in the evening was below normal in west Uttar Pradesh, Haryana, Himachal Pradesh, Jammu and Kashmir, Rajasthan and Gujarat. It was normal over the rest of the country.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 17 chief political divisions and the 33 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. IST of the date noted in the succeeding column; similarly the heaviest rainfall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. IST of the date given in the succeeding column.

Poona - 5;

15 October 1968.

Y.P. RAO

for Director General of Observatories

TABLE I - DIVISIONAL AND SUB-DIVISIONAL MEANS - AUGUST ,1968 (10 SRAVANA - 9 BHADRA,1890 SAKA)

DIVISION	Rainfall (millimetres)	Percentage of normal	Mean maximum temperature °C	Mean minimum temperature °C	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud Amount (Oktas) 0830 hrs. IST.	Cloud Amount (Oktas) 1730 hrs. IST.
1	2	3	4	5	6	7	8	9
1.ASSAM(INCLUDING	329.4	88	31.7	24.4	86	80	6.3	5.3
NEFA,N.L.ETC)	- 43.9		+0.1	-0.2	0	- 2	-0.3	-0.6
2.WEST BENGAL	469.3	124	32.0	25.3	85	82	5.9	6.1
	+ 92.0		+0.3	-0.5	0	0	-0.6	-0.2
3.ORISSA	296.5	85	31.0	24.4	84	82	6.3	6.5
	- 53.2		+0.4	-0.9	- 1	0	-0.3	-0.4
4.BIHAR	297.6	94	31.9	24.7	85	80	5.7	6.0
	- 18.0		+0.3	-0.8	+ 1	0	-0.8	-0.4
5.UTTAR PRADESH	256.3	83	32.6	24.8	83	73	4.9	4.9
	- 52.6		+0.6	-0.4	- 3	- 5	-0.9	-0.7
6.HARYANA(INCLU.	196.4	100	33.8	25.0	80	64	3.3	3.3
DELHI CHANDIGARH)	- 0.2		+0.1	-0.2	0	- 3	-1.2	-0.9
7.PUNJAB	193.5	96	34.3	24.8	79	65	3.4	3.5
	- 7.3		-0.1	-0.8	- 2	- 2	-0.8	-0.5
8.HIMACHAL	274.1	69	31.5	22.3	88	73	4.6	1.9
PRADESH	-125.5		+0.4	-0.2	0	- 2	-1.4	-3.5
9.JAMMU AND	165.8	134	26.9	14.2	69	47	4.6	3.3
KASHMIR	+ 42.5		0.0	-1.5	- 5	+ 2	+0.1	-0.8
10.RAJASTHAN	106.9	61	33.8	24.5	77	58	3.8	3.9
	- 67.4		+0.8	-0.7	- 3	- 9	-1.3	-1.5
11.MADHYA PRADESH	294.9	86	29.4	22.6	85	75	6.5	6.3
	- 46.4		-0.1	-0.8	- 2	- 4	-0.3	-0.6
12.GUJARAT STATE	193.9	125	30.5	24.7	85	72	5.7	5.6
(INCLU.DIU ETC)	+ 38.9		-0.3	-0.2	- 1	- 2	-1.0	-0.8
13.MAHARASHTRA	164.9	60	29.4	22.7	84	73	6.0	6.0
STATE(INCL.GOA)	-109.4		+0.1	-0.3	- 2	- 2	-0.7	-0.8
14.ANDHRA PRADESH	33.2	21	34.0	25.0	71	55	5.5	6.2
	-124.0		+2.1	+0.4	- 7	-12	-0.8	-0.4
15.MADRAS STATE	59.9	74	35.2	24.8	70	62	4.8	5.9
(INCL.PONDICH.)	- 21.5		+1.5	-0.1	0	+ 2	-0.6	0.0
16.MYSORE	138.6	53	28.6	21.1	84	67	6.3	6.4
	-121.7		+0.5	-0.1	- 2	- 6	-0.5	-0.4
17.KERALA	265.2	89	29.3	23.0	89	80	6.5	6.7
	- 31.5		+0.3	-0.4	0	- 2	0.0	+0.1

SUB-DIVISION

SUB-DIVISION	Rainfall (millimetres)	Percentage of normal	Mean maximum temperature °C	Mean minimum temperature °C	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud Amount (Oktas) 0830 hrs. IST.	Cloud Amount (Oktas) 1730 hrs. IST.
1.BAY ISLANDS	214.0	61	30.0	24.4	84	84	6.3	6.8
	-139.0		+0.7	-0.1	0	- 2	-0.1	+0.1
2.NORTH ASSAM	289.7	80	32.6	24.9	85	79	6.0	4.6
(INCLUDING NEFA)	- 74.6		+0.5	-0.1	- 1	- 2	-0.5	-1.0
3.SOUTH ASSAM	425.9	108	29.7	23.3	87	82	6.8	6.4
(INCL.N.LAND ETC)	+ 30.7		-0.8	-0.3	+ 1	- 1	0.0	-0.1
4.SUB-HIMALAYAN	505.1	92	32.0	24.8	86	80	6.1	5.6
WEST BENGAL	- 46.6		+0.5	-0.6	+ 1	- 1	-0.3	-0.3
5.GANGETIC WEST-	457.4	143	32.0	25.4	85	82	5.9	6.3
BENGAL	+138.2		+0.3	-0.5	+ 1	- 1	-0.6	-0.2
6.ORISSA	296.5	85	31.0	24.4	84	82	6.3	6.5
	- 53.2		+0.4	-0.9	- 1	0	-0.3	-0.4
7.BIHAR PLATEAU	406.1	121	31.1	23.9	85	79	6.2	6.5
	+ 71.8		+0.2	-0.7	+ 1	- 2	-0.5	-0.3
8.BIHAR PLAINS	235.6	77	32.4	25.3	84	80	5.4	5.7
	- 69.3		+0.2	-0.8	0	0	-1.1	-0.4
9.UTTAR PRADESH	266.2	85	32.8	25.6	83	75	5.4	5.3
(EAST)	- 46.7		+0.5	-0.3	- 3	- 5	-0.6	-0.4
10.UTTAR PRADESH	241.4	80	32.2	23.7	82	71	4.2	4.2
(WEST)	- 61.6		+0.7	-0.6	- 3	- 5	-1.3	-1.2
11.HARYANA(INCLU.	196.4	100	33.8	25.0	80	64	3.3	3.3
DELHI CHANDIGARH)	- 0.2		+0.1	-0.2	0	- 3	-1.2	-0.9
12.PUNJAB	193.5	96	34.3	24.8	79	65	3.4	3.5
	- 7.3		-0.1	-0.8	- 2	- 2	-0.8	-0.5
13.HIMACHAL	274.1	69	31.5	22.3	88	73	4.6	1.9
PRADESH	-125.5		+0.4	-0.2	0	- 2	-1.4	-3.5
14.JAMMU AND KASH-	165.8	134	26.9	14.2	69	47	4.6	3.3
-MIR	+ 42.5		0.0	-1.5	- 5	+ 2	+0.1	-0.8
15.RAJASTHAN(WEST)	40.2	40	36.2	25.7	73	50	3.1	3.2
	- 61.5		+1.6	-0.3	- 4	-10	-1.3	-1.6
16.RAJASTHAN(EAST)	161.5	69	32.3	23.8	79	64	4.3	4.4
	- 72.3		+0.4	-1.0	- 4	- 8	-1.3	-1.5
17.MADHYA PRADESH	283.0	96	29.1	22.1	86	74	6.5	6.4
(WEST)	- 10.5		-0.2	-1.0	- 2	- 4	-0.4	-0.4
SUB-DIVISION(CONTD)								
18.MADHYA PRADESH	310.7	77	29.9	23.3	84	76	6.4	6.2
(EAST)	- 94.3		+0.1	-0.4	- 2	- 4	-0.3	-0.7
19.GUJARAT REGION	166.8	80	30.5	24.1	86	68	5.1	5.0
(INCL.DAMAN ETC)	- 42.0		-0.4	-0.3	- 2	- 6	-1.8	-1.3
20.SAURASHTRAKUTCH	212.7	181	30.4	25.0	85	74	6.2	6.1
(INCLUDING DIU)	+ 95.1		-0.4	-0.3	0	- 1	-0.4	-0.4
21.KONKAN	168.8	36	29.2	24.9	86	83	6.6	6.3
(INCLUDING GOA)	-301.0		+0.6	+0.5	- 2	- 2	-0.3	-0.5
22.MADHYA-	132.5	112	29.4	21.5	82	69	5.0	5.4
-MAHARASHTRA	+ 14.5		0.0	-0.3	- 2	- 1	-1.4	-1.3
23.MARATHWADA	98.4	75	29.1	20.7	82	64	5.8	6.4
	- 33.2		-0.5	-1.1	- 3	- 4	-1.0	-0.5
24.VIDARBHA	219.2	73	29.6	22.6	83	71	6.3	6.2
	- 80.9		-0.2	-0.7	- 3	- 4	-0.4	-0.6
25.COASTAL ANDHRA	39.5	27	35.2	26.5	69	57	5.4	6.0
-PRADESH	-104.3		+2.5	+0.7	- 9	-13	-0.8	-0.5
26.TELANGANA	40.3	19	32.2	23.8	75	58	5.9	6.2
	-168.2		+1.5	+0.2	- 6	-12	-0.5	-0.4
27.RAYALASEEMA	6.6	7	34.1	23.9	67	47	4.8	6.4
	- 90.9		+2.0	+0.4	- 5	- 8	-1.7	-0.4
28.MADRAS STATE	59.9	74	35.2	24.8	70	62	4.8	5.9
(INCL.PONDICH.)	- 21.5		+1.5	-0.1	0	+ 2	-0.6	0.0
29.COASTAL MYSORE	397.1	60	29.1	23.4	88	82	6.5	6.1
	-267.3		+0.9	-0.1	- 3	- 5	-0.6	-1.0
30.INTERIOR MYSORE	42.3	30	29.4	21.3	82	62	6.3	6.8
(NORTH)	- 98.7		+0.6	+0.2	- 2	- 7	-0.1	+0.1
31.INTERIOR MYSORE	93.8	58	27.5	19.5	84	63	6.1	6.1
(SOUTH)	- 68.9		+0.2	-0.4	0	- 4	-0.8	-0.7
32.KERALA	265.2	89	29.3	23.0	89	80	6.5	6.7
	- 31.5		+0.3	-0.4	0	- 2	0.0	+0.1
33.ARABIAN SEA-	99.5	47	29.6	24.8	82	76	5.1	6.5
ISLANDS	-113.8		+0.2	-0.5	- 1	- 4	-1.0	0.0

Note :- The entries in the second line for each division and sub-division indicate departures from normal.

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - AUGUST 1968 (10 SRAVANA - 9 BHADRA 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
AN ISLANDS																												
MAYA BANDAR	29.7	+0.8	30.5	05	24.9	+0.5	23.2	19	43.4	228.4	-193.6	44.8	15	18	- 1.7	25.5	20.8	+7.5	1	24	0	0	2	0	0	0	0	0
LONG ISLAND	31.1	+1.2	33.0	03	24.5	0.0	22.2	15	49.8	354.2	- 51.2	87.2	15	22	+ 4.3	8.9	6.5	+2.9	0	25	0	0	1	0	0	0	0	0
PORT BLAIR	29.6	+0.8	30.1	25	24.4	+0.3	22.8	22	41.0	263.7	-156.9	43.5	15	19	- 0.9	30.2	24.2	+5.3	1	27	0	0	5	0	0	0	3	0
CAR NICOBAR	30.7	+0.8	31.2	21	24.7	+0.3	23.1	28	12.6	33.3	-281.9	95.4	12	4	-11.2	.	6.9	+1.1	0	13	0	0	0	0	0	0	0	0
NAN COWRY	29.8	+0.6	30.9	27	24.7	-0.1	22.0	15	68.8	164.8	- 71.7	50.2	18	10	- 5.3	13.9	12.6	-0.1	0	19	0	0	0	0	0	0	0	0
KONDUL	29.0	0.0	30.3	03	23.1	-1.7	20.4	09	69.8	239.5	- 78.6	48.8	09	14	- 1.9	11.7	10.8	+1.9	0	17	0	0	0	0	0	0	0	0
ORTH ASSAM (INCLUDING NEFA)																												
PASIGHAT	31.9	+0.9	36.3	05	24.3	+0.3	22.3	08	86.4	475.6	-309.1	111.9	18	16	- 2.0	4.5	4.2	+0.7	0	19	0	0	4	0	0	0	0	0
DIBRUGARH (MOHANBARI)	31.8	+0.5	35.7	16	25.3	+0.6	23.3	13	51.7	469.2	+ 50.8	168.2	07	15	- 2.7	4.8	3.6	+0.5	0	6	0	0	21	0	0	0	0	0
DIGBOI	32.1	+0.3	36.8	16	24.4	-0.2	22.9	09	22.3	288.3	-139.1	..	..	..	..	..	..	..	.	..	0	0	0	0	0	0	0	0
NORTH LAKHIMPUR	32.5	+1.3	35.7	15	24.1	-0.5	22.5	05	60.4	253.1	-275.0	46.8	05	14	- 5.0	6.5	4.3	..	1	19	0	0	6	0	0	0	0	0
SIBSAGAR	..	..	..	..	..	..	..	..	9.4	154.1	-258.9	23.0	24	12	- 6.6	..	..	..	0	22	0	0	0	0	0	0	0	0
GOHPUR	32.3	-0.2	35.6	16	24.6	-0.2	22.6	17	97.0	373.2	+ 74.2	71.2	23	16	+ 3.2	5.4	3.9	..	0	17	0	0	1	0	0	0	0	0
MAJBAT	34.4	..	36.5	04 de	25.0	..	22.4	05 de	30.4	175.3	-159.1	60.2	04	6	- 9.1	4.0	2.6	-1.1	0	6	0	0	0	0	0	0	0	0
JORHAT AERODROME	32.9	..	37.0	16	25.3	..	21.7	19	60.3	286.8	..	90.0	04	17	..	..	..	..	0	19	0	0	15	0	0	0	0	0
TANGLA	33.5	+0.6	36.8	16	25.9	+0.8	24.2	28	41.8	195.3	- 28.0	37.8	09	12	+ 0.8	5.2	4.0	+2.3	0	15	0	0	0	0	0	0	0	0
TEZPUR	33.2	+1.0	36.0	16	25.1	-0.3	23.0	13	29.8	187.8	-137.6	27.6	19	12	- 3.8	3.8	2.8	+0.5	0	16	0	0	1	0	0	0	0	0
GOLAGHAT	32.9	+0.6	35.6	16	24.5	+0.4	23.4	04 de	40.4	258.1	- 76.8	112.8	23	11	- 4.7	..	..	..	0	18	0	0	0	0	0	0	0	0
RANGIA	33.7	+0.7	36.6	13	25.9	+0.8	24.1	27	74.9	155.6	-130.4	441.6	27	11	- 0.8	..	..	..	0	11	0	0	3	0	0	0	0	0
CHAPARMUKH	32.7	0.0	36.5	16	25.7	0.0	23.1	21	57.4	337.2	+ 78.6	116.0	19	12	- 3.2	7.6	5.2	..	0	12	0	0	5	0	0	0	0	0
GOALPARA	32.9	+0.5	35.6	22	24.2	-1.0	21.4	27	135.6	408.8	+141.6	134.8	27	11	- 2.5	4.9	3.2	+0.5	0	15	0	0	0	0	0	0	0	0
GAUHATI (BHORJOR)	32.7	+0.6	35.2	13	25.5	-0.3	23.5	17	87.0	275.7	- 19.5	101.1	02	14	+ 1.7	7.2	4.8	..	2	18	0	0	17	0	0	0	1	0
DHUBRI (RUPSI)	32.1	+0.3	34.8	13	25.0	-0.4	23.1	27	58.9	427.3	- 37.3	132.6	08	18	+ 3.7	7.9	6.1	+2.0	0	24	0	0	5	0	0	0	0	0
DHUBRI	31.9	+1.2	34.6	13	25.3	-0.7	23.3	27	60.4	304.2	- 34.6	37.2	26	19	+ 4.4	8.4	6.8	+1.4	1	21	0	0	6	0	0	0	0	0
LUMDING	33.5	+0.6	36.3	16	24.4	-0.3	23.4	29	24.2	185.6	- 9.2	81.1	21	10	- 1.1	4.2	3.2	..	0	12	0	0	0	0	0	0	0	0
OUTH ASSAM (INCLUDING NAGALAND, ANIPUR AND TRIPURA)																												
TURA	27.7	-1.6	29.9	17	24.1	+0.8	23.1	28	257.8	542.2	- 7.2	144.3	26	16	- 4.7	6.2	4.6	-1.0	0	20	0	0	0	0	0	0	0	0
HAFLONG	26.1	-2.0	29.2	03	20.3	-1.2	18.4	18	29.9	324.0	+ 82.0	59.2	11	18	- 0.7	..	..	..	0	22	0	0	23	0	0	0	0	0
SILCHAR (KUMBHIRGRAM)	31.9	-0.2	36.0	01	24.2	0.0	21.8	27	112.7	572.9	+ 8.9	81.6	23	22	+ 0.3	6.1	5.2	+0.3	0	29	0	0	12	1	0	0	0	0
SILCHAR	29.5	-1.7	32.5	05	25.1	+0.6	20.0	27	89.0	726.8	+203.8	140.0	23	27	+ 4.8	1.9	1.2	-0.6	0	29	0	0	9	0	0	0	0	0
IMPHAL (TULIHAL)	29.1	+0.3	31.0	24	20.1	-1.6	18.4	16	59.1	145.1	- 43.5	44.1	17	14	+ 1.6	6.6	4.1	-1.3	1	22	0	0	5	1	0	0	0	0
KAILASHAHAR	32.0	-0.3	34.1	16	24.6	-0.2	20.8	27	127.0	362.8	+ 14.7	71.0	16	20	+ 1.2	8.6	6.5	+2.5	0	25	0	0	16	0	0	0	0	0
AGARTALA	31.7	+0.2	33.5	31	24.8	-0.1	21.2	27	56.3	307.5	- 43.8	67.0	22	13	- 4.3	10.0	8.2	+0.1	2	24	0	0	17	2	0	0	0	0
UB-HIMALAYAN WEST BENGAL																												
BAGHDOGRA	32.2	+0.5	35.8	17	24.1	-0.6	23.0	21	104.9	556.3	-128.4	131.0	21	20	- 1.7	10.7	9.0	+3.2	0	25	0	0	22	0	0	0	0	0
JALPAIGURI	31.2	+0.4	33.4	31	24.2	-0.7	22.5	21	74.4	485.4	-173.5	62.8	08	20	- 0.7	5.5	5.3	-0.4	1	24	0	0	7	0	0	0	0	0
COOCH BEHAR AERODROME	32.2	+0.3	34.4	07	24.5	-1.4	22.9	28	72.7	700.7	+120.6	146.6	20	18	+ 0.5	5.5	3.6	+0.1	0	21	0	0	18	0	0	0	0	0
BALURGHAT	32.3	..	34.2	31	25.9	..	24.6	09	110.1	309.9	..	67.2	26	11	..	6.8	6.1	..	0	15	0	0	5	0	0	0	0	0
MALDA	32.3	+0.7	34.3	30	26.5	+0.3	25.0	26	167.1	278.1	- 5.1	89.0	26	12	- 2.8	4.6	3.4	-4.0	1	15	0	0	13	0	0	0	0	0
ANGETIC WEST BENGAL																												
BERHAMPORE	32.9	+0.6	35.4	31	25.8	-0.3	20.4	03	95.6	223.9	- 74.3	49.0	22	14	- 2.5	5.5	3.8	-0.7	0	22	0	0	0	0	0	0	0	0
SURI	31.9	-0.2	34.4	30	25.4	-0.2	24.1	21	..	436.7	+164.7	126.2	10	19	+ 3.0	.	6.3	-1.3	0	22	0	0	3	0	0	0	0	0
ASANSOL	32.7	+1.1	35.7	31	25.2	-0.3	22.8	26	167.2	487.3	+135.6	133.5	01	16	- 1.3	7.9	5.7	-1.6	2	20	0	0	19	0	0	0	0	0
SHANTI NIKETAN	32.1	..	34.8	31	25.9	..	23.6	28	59.2	233.7	..	36.0	24	20	..	5.7	5.7	..	1	23	0	0	21	0	0	0	0	0
KRISHNANAGAR	32.9	+0.5	36.3	31	25.2	-0.5	22.5	28	89.6	188.1	- 82.9	43.4	03	13	- 2.8	8.5	6.3	+1.0	0	19	0	0	3	0	0	0	0	0
PURULIA	31.3	-0.1	34.3	31	24.7	-0.2	22.1	21	187.2	507.2	+196.0	89.2	03	16	- 0.5	6.5	5.0	-0.3	0	19	0	0	17	0	0	0	0	0
BANKURA	32.5	..	36.4	31	25.1	..	23.5	14	113.4	402.4	+ 83.9	53.6	03	20	+ 3.8	2.0	1.9	..	1	22	0	0	0	0	0	0	0	0
BURDWAN	33.6	+1.7	36.5	26	26.0	+0.2	23.4	28	158.2	462.5	+145.5	90.0	03	15	- 1.5	10.8	7.6	+1.3	0	15	0	0	0	0	0	0	0	0
CALCUTTA (DUM DUM)	31.7	-0.1	34.6	31	25.7	-0.3	22.8	26	203.2	538.4	+259.6	61.8	12	20	+ 1.7	10.8	8.6	-1.4	3	22	0	0	12	0	0	0	0	0
CALCUTTA	32.2	+0.2	35.6	31	24.8	-1.5	22.6	28	187.7	597.7	+263.7	132.3	03	19	+ 1.4	7.5	5.5	+0.2	0	24	0	0	16	0	0	0	4	0
MIDNAPORE	31.5	-0.4	34.1	31	25.1	-0.7	23.6	24	199.8	528.5	+186.9	174.2	03	19	+ 2.2	4.7	4.4	-0.4	1	22	0	0	1	0	0	0	0	0
CONTAI	31.4	+0.2	35.7	31	25.7	-0.5	24.4	18	152.8	467.2	+100.3	123.0	03	14	- 2.2	8.5	6.6	-3.5	0	16	0	0	0	0	0	0	0	0
SAGAR ISLAND	30.2	0.0	32.3	31	26.1	-0.6	24.1	18	123.3	658.3	+278.8	129.4	18	19	+ 3.2	17.1	17.9	-3.8	1	22	0	0	11	0	0	0	0	0
SANDHEADS	30.3	..	32.6	30	27.4	..	25.1	15	63.6	286.6	+ 47.6	68.4	23	9	- 3.0	..	..	..	0	14	0	0	0	0	0	0	0	0
RISSA																												
BARIPADA	32.5	+0.2	35.2	31	24.2	-1.2	22.3	12	332.7	750.2	+378.3	258.6	04	18	+ 0.3	2.5	1.5	-0.7	3	21	0	0	22	0	0	0	0	0
JHARSUGUDA	30.7	-0.2	35.6	31	24.5	-0.2	22.6	14	203.8	539.0	+103.2	197.9	04	12	- 5.0	12.5	9.8	+1.0	1	18	0	0	8	0	0	0	0	0
KEONJHARGARH	30.0	+0.4	32.4	31	21.9	-1.6	20.7	31	144.1	336.1	+ 61.1	100.0	04	16	0.0	13.3	7.6	+0.7	0	18	0	0	0	0	0	0	0	0
BALASORE	31.8	+0.6	35.0	08	25.3	-0.8	23.9	25	119.2	304.6	- 4.8	61.6	25	13	- 1.7	9.9	7.7	-1.1	1	16	0	0	1	0	0	0	0	0
SAMBALPUR	30.1	-0.6	34.1	31	24.3	-0.6	22.4	06	300.0	595.3	+100.8	156.0	12	15	- 4.0	14.5	12.6	+5.2	0	16	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — AUGUST 1968 (10 SRAVANA - 9 BHADRA 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
ORISSA (CONTD.)																												
ANGUL	31.3	+0.2	34.8	31	24.3	-0.8	22.6	04	86.6	187.7	-106.2	54.8	04	13	- 1.9	..	..	...	0	17	0	0	0	0	0	0	0	0
CHANDBALI	31.8	+0.5	34.4	20	25.4	-0.5	24.0	22	130.0	335.8	- 5.9	65.4	10	13	- 1.5	8.2	8.3	-1.9	0	14	0	0	1	0	0	0	0	0
BOLANGIR	31.0	-0.2	33.8	31	23.4	-1.3	23.0	14	99.4	207.4	-117.2	45.0	04	13	- 2.0	6.0	8.0	-0.3	0	15	0	0	1	0	0	0	0	0
PHULBANI	28.6	..	32.0	31	22.6	..	20.8	25	152.4	285.9	..	77.0	04	13	..	8.0	5.4	..	0	18	0	0	0	0	0	0	0	0
CUTTACK	32.2	+0.6	35.6	31	25.3	-0.3	23.5	05	60.0	125.3	-228.3	36.1	04	8	- 8.0	7.6	5.0	-1.1	0	14	0	0	1	0	0	0	0	0
TITLAGARH	31.1	+0.7	33.7	31	24.2	-0.2	22.8	15	51.1	162.4	-250.5	40.3	04	9	- 7.9	6.7	6.8	+3.3	0	19	0	0	4	0	0	0	0	0
BHUBANESWAR	31.9	+0.6	34.2	31	25.0	-0.4	22.9	22	73.5	138.6	-197.4	32.8	30	9	- 8.3	17.0	13.0	-0.9	3	14	0	0	10	0	0	0	0	0
PURI	32.2	+1.2	34.6	29	23.7	-3.1	22.3	12	109.3	145.3	-123.2	36.6	11	9	- 3.4	..	..	..	0	10	0	0	0	0	0	0	0	0
GOPALPUR	32.3	+1.2	34.6	28	25.8	-0.3	23.5	24	50.6	66.9	-123.4	20.0	24	7	- 3.2	11.7	9.1	-5.4	0	16	0	0	9	0	0	0	0	0
KORAPUT	25.2	0.0	29.0	07	..	..	..	..	79.6	256.5	-231.7	37.3	12	20	- 1.6	..	..	..	0	28	0	0	0	0	0	0	0	0
BIHAR PLATEAU																												
DUMKA	32.5	+0.9	36.0	31	24.6	-0.5	23.4	04	148.1	297.9	- 41.2	55.4	04	21	+ 3.3	6.2	4.0	-1.0	0	26	0	0	0	0	0	0	0	0
DALTONGANJ	32.8	+1.3	35.0	01	24.0	-1.1	22.8	29	148.4	322.2	- 40.5	80.8	13	17	+ 0.5	8.0	6.1	+0.6	0	20	0	0	1	0	0	0	0	0
HAZARIBAGH	29.1	-0.1	31.4	20	22.5	-0.5	21.4	24	77.2	244.6	-104.4	43.0	07	15	- 2.3	12.9	9.6	+0.7	1	18	0	0	14	0	0	0	0	0
DHANBAD	31.6	+0.8	34.4	31	24.5	-0.3	23.6	09	227.4	465.9	+108.9	145.8	03	16	- 0.7	7.6	5.9	-2.7	0	19	0	0	7	0	0	0	0	0
RANCHI AERODROME	28.1	-0.7	30.6	31	21.9	-1.0	20.2	08	100.2	397.1	+ 98.0	76.6	08	19	+ 3.4	11.6	9.7	-0.6	2	23	0	0	12	0	0	0	0	0
JAMSHEDPUR	31.8	0.0	35.2	30	24.9	-0.8	22.6	09	151.3	525.6	+151.3	161.1	03	18	+ 1.1	8.3	6.4	-0.7	0	22	0	0	1	0	0	0	0	0
JAMSHEDPUR P.B.O.	31.4	-0.4	34.0	31	24.9	-0.5	23.0	09	167.8	576.0	+294.2	205.6	03	18	+ 2.3	8.1	5.2	-0.9	1	22	0	0	12	0	0	0	0	0
CHAIBASA	31.4	0.0	34.0	31	23.5	-1.5	21.8	25	136.8	419.4	+108.0	106.0	04	14	- 2.6	5.1	3.7	+0.3	0	20	0	0	10	0	0	0	0	0
BIHAR PLAINS																												
MOTIHARI	33.3	+1.1	34.9	09	25.6	-0.4	23.4	19	84.3	244.4	- 25.9	95.0	09	9	- 3.9	.	5.0	+0.4	0	10	0	0	0	0	0	0	0	0
FORBESGANJ	32.6	+0.1	34.8	07	25.1	-0.2	23.2	27	50.0	360.8	+ 56.2	57.6	09	13	- 2.6	9.7	7.0	+0.1	0	18	0	0	13	0	0	0	0	0
DARBHANGA	32.7	+0.6	35.6	08	25.7	-0.5	23.9	09	70.3	173.7	-159.0	62.6	09	11	- 2.5	..	..	..	0	13	0	0	2	0	0	0	0	0
MUZAFFARPUR	32.3	..	33.8	31	26.4	..	23.9	09	82.9	146.6	-176.0	24.2	25	8	- 5.8	7.9	5.5	..	0	12	0	0	2	0	0	0	0	0
CHAPRA	32.8	..	34.7	31	26.5	..	23.2	09	67.0	235.6	- 53.4	111.4	09	11	- 3.0	7.5	5.2	..	1	12	0	0	3	0	0	0	0	0
PURNEA	32.0	+0.1	33.9	08	24.1	-1.8	22.2	09	168.4	337.5	+ 7.8	82.7	25	11	- 5.2	4.6	3.2	-1.5	1	15	0	0	0	0	0	0	0	0
PATNA	32.6	+0.5	34.4	17	26.7	+0.1	23.6	09	63.8	206.7	-133.7	62.0	09	10	- 4.1	7.4	7.0	-0.5	2	17	0	0	0	0	0	0	0	0
PATNA AERODROME	31.9	-0.3	33.9	17	25.2	-1.2	22.1	09	111.4	267.3	- 11.0	61.8	09	13	+ 0.2	8.8	5.9	-0.6	0	18	0	0	13	0	0	0	0	0
ARRAH	..	..	..	..	..	..	..	..	..	22.8	-315.4	8.5	24	4	-11.1	..	..	..	0	8	0	0	0	0	0	0	0	0
BHAGALPUR	32.5	+0.2	34.7	24	26.4	+0.1	25.0	09	146.2	273.5	+ 22.6	50.7	02	13	- 0.7	9.3	6.8	+0.8	1	18	0	0	13	0	0	0	0	0
SABAUR	32.2	+0.3	34.0	24	24.4	-1.9	22.7	04ds	176.0	345.2	+ 79.0	78.6	02	12	- 2.8	10.7	7.3	-1.0	1	19	0	0	20	0	0	0	0	0
JAMUI	32.1	-0.2	33.4	07ds	25.6	-0.4	24.0	26	73.4	137.1	- 94.2	40.1	25	9	- 4.7	6.8	4.9	-0.3	2	12	0	0	0	0	0	0	0	0
DEHRI	32.3	0.0	34.4	01	24.5	-1.6	23.2	19	96.0	277.1	- 83.8	66.8	24	14	- 0.8	7.5	5.3	+0.3	0	16	0	0	5	0	0	0	0	0
GAYA	32.6	+0.2	35.5	09	25.5	-0.4	23.8	24	51.8	278.3	- 83.5	48.4	24	13	- 2.3	11.8	9.1	-1.0	0	20	0	0	17	0	0	0	1	0
UTTAR PRADESH EAST																												
KHERI	32.7	+0.5	35.4	09	25.5	-0.3	24.0	04	204.0	439.3	+134.8	101.0	22	14	+ 2.6	5.1	3.3	0.0	0	17	0	0	12	0	0	0	0	0
BAHRAICH	32.3	+0.1	35.8	14	25.7	-0.4	23.3	27	68.0	270.0	- 42.4	126.0	23	11	- 1.8	8.9	5.9	-0.4	0	14	0	0	11	0	0	0	0	0
NAUTANWA	32.9	+0.8	35.6	08	25.2	-0.7	23.2	11	160.4	308.8	-101.7	152.2	10	12	- 4.6	7.4	4.8	-1.4	0	13	..	..	..	..	..	.	..	.
HARDOI	33.4	+0.9	35.8	11	25.9	-0.2	21.7	14	61.4	252.6	- 71.5	65.6	10	9	- 4.2	8.2	6.4	+0.9	0	9	0	0	0	0	0	0	0	0
GONDA	32.3	+0.1	35.7	09	25.1	-0.8	23.1	25	184.2	417.4	+ 64.7	124.6	24	12	- 2.5	7.2	6.3	+1.1	0	13	0	0	1	0	0	0	0	0
LUCKNOW	32.9	+0.4	35.2	09	25.3	-0.7	22.4	18	131.0	264.1	- 22.4	50.2	18	13	- 0.7	..	..	..	0	14	0	0	2	0	0	0	0	0
LUCKNOW (AMAUSI)	33.0	+0.8	35.5	14	25.7	-0.1	22.9	31	177.2	291.8	- 39.5	52.3	18	13	- 1.8	11.7	10.4	+2.0	0	13	0	0	9	0	0	0	0	0
FAIZABAD	33.0	+0.4	35.7	09	25.6	+0.2	22.8	31	167.2	376.2	+ 24.6	98.8	25	14	- 1.4	5.4	3.7	0.0	0	15	0	0	3	0	0	0	0	0
GORAKHPUR	33.3	+1.0	35.5	31	25.6	-0.6	23.9	10	146.4	258.3	- 87.6	79.0	10	12	- 3.1	6.8	4.8	+0.2	0	19	0	0	0	0	0	0	0	0
KANPUR	32.9	+0.8	35.7	08	25.5	-0.3	22.9	18	74.3	294.0	+ 19.9	82.2	22	9	- 4.1	14.3	11.0	+1.1	0	11	0	0	0	0	0	0	0	0
KANPUR (AERODROME)	33.5	..	36.6	04	25.5	..	22.4	31	40.8	273.3	..	68.4	10	9	..	..	..	..	1	12	0	0	5	0	0	0	0	0
SULTANPUR	33.0	+0.8	35.4	09	26.0	+0.2	26.0	24	185.8	294.5	- 55.5	110.0	25	11	- 4.4	3.4	2.7	-2.6	0	14	0	0	5	0	0	0	0	0
AZAMGARH	33.0	+0.5	35.4	09	24.6	-1.5	22.2	31	54.0	285.4	- 76.4	80.0	10	8	- 6.3	6.6	4.3	..	0	16	0	0	0	0	0	0	0	0
FATEHPUR	33.0	+0.9	35.4	08	25.3	-0.6	22.2	31	96.6	218.3	- 63.4	39.8	10	13	- 0.5	9.2	6.5	+1.7	0	13	0	0	2	0	0	0	0	0
BALLIA	30.7	-2.1	33.5	09	26.8	+1.3	22.9	10	98.2	277.0	+ 27.1	88.8	24	9	- 3.0	5.3	4.9	+0.6	0	10	0	0	0	0	0	0	0	0
BANDA	33.3	+1.2	35.6	31	25.7	+0.1	23.2	31	90.2	165.8	-181.7	41.4	19	10	- 4.6	0.9	1.6	-0.8	0	14	0	0	0	0	0	0	0	0
ALLAHABAD (BAMHRAULI)	33.7	+1.6	36.6	31	25.7	-0.3	22.3	31	39.9	82.3	-178.8	15.9	14	9	- 5.2	9.7	6.7	-0.7	3	11	0	0	4	0	0	0	0	0
VARANASI (BABATPUR)	32.7	+0.4	34.8	01	25.5	-0.6	23.6	31	82.6	151.1	- 89.2	55.2	19	7	- 5.2	15.1	12.0	+2.8	0	17	0	0	11	0	0	0	0	0
VARANASI	32.8	+0.6	35.1	31	26.0	0.0	24.4	31	108.3	225.2	-100.7	58.8	23	12	- 3.3	7.2	6.0	-2.0	0	15	0	0	0	0	0	0	0	0
UTTAR PRADESH WEST																												
MUKHIM	23.7	+0.4	25.4	07	16.9	-0.4	16.0	25	261.6	443.3	+ 90.1	78.8	15	20	+ 1.8	..	..	..	0	23	0	0	4	20	0	0	0	0
TEHRI	33.3	+0.6	36.4	05	23.5	0.0	21.6	31	62.2	155.0	- 9.6	48.5	17	10	+ 0.5	4.1	2.7	..	0	13	0	0	0	0	0	0	0	0
DEHRA DUN	30.3	+0.8	33.4	05	23.1	+0.4	20.8	28	279.3	579.6	-133.4	93.6	20	19	- 2.2	1.3	1.0	-1.5	0	22	0	0	20	0	0	0	0	0
MANSIARI	21.8	..	23.6	06	14.9	..	13.1	23	..	532.8	..	73.8	14	24	..	..	..	..	0	29	..	..	..	..	..	.	..	.
ROORKEE	33.0	+0.7	36.0	05	24.1	-0.9	22.4	31	47.2	144.5	-142.8	33.5	14	8	- 3.8	6.6	4.3	-0.3	0	13	0	0	3	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — AUGUST 1968 (10 SRAVANA - 9 BHADRA 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
UTTAR PRADESH WEST (CONTD.)																												
NAJIBABAD	32.7	+0.6	35.6	05	23.7	-1.1	22.0	31	170.9	280.4	- 33.7	107.8	11	11	- 2.6	8.2	5.8	+0.3	1	12	0	0	6	0	0	0	0	0
MEERUT	33.7	+1.0	38.0	11	22.9	-2.8	20.7	30	..	120.0	- 92.6	44.0	21	8	- 1.9	.	6.5	+0.6	0	8	0	0	0	0	0	0	0	0
BAREILLY	33.1	+0.5	35.7	10	25.5	-0.1	23.6	14	177.8	330.3	+ 40.5	83.8	11	11	- 1.2	9.6	6.3	+1.6	1	14	0	0	1	0	0	0	0	0
ALIGARH	33.7	+0.6	36.6	10	25.0	-0.7	22.3	30	56.0	253.2	+ 42.6	81.6	11	8	- 2.3	12.4	8.7	+2.0	1	10	0	0	3	0	0	0	0	0
MAINPURI	33.8	+0.7	38.0	10	24.7	-1.2	22.0	10	135.3	199.5	- 32.2	64.1	10	9	- 2.0	..	..	..	1	11	0	0	2	0	0	0	0	0
AGRA	33.4	+0.6	36.1	10	25.4	-0.4	22.9	30	28.2	184.0	- 34.2	78.5	21	6	- 5.0	7.9	5.8	+0.9	0	10	0	0	0	0	0	0	0	0
AGRA AERODROME	33.4	..	36.1	10	25.8	..	22.2	30	41.1	215.4	..	80.5	21	6	..	..	..	..	0	10	0	0	4	0	0	0	0	0
ORAI	33.3	+1.3	35.9	31	24.7	+0.2	20.0	07	8.6	83.0	-272.4	27.4	20	6	- 9.0	4.0	3.1	-5.7	0	10	0	0	0	0	0	0	0	0
JHANSI	32.1	+0.4	34.9	26	24.4	-0.5	23.0	19	65.4	124.2	-161.0	33.4	19	9	- 3.9	5.2	6.0	+0.1	0	11	0	0	0	0	0	0	0	0
MORADABAD	32.1	..	35.6	05	25.4	..	22.6	19	266.8	477.4	..	162.8	11	12	..	6.3	4.9	..	0	12	0	0	4	0	0	0	0	0
UTTAR KASHI	30.9	..	33.1	15	19.1	..	17.0	25	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
HARYANA (INCLUDING DELHI AND CHANDIGARH)																												
CHANDIGARH	32.9	+0.1	35.8	17	23.4	-0.1	20.2	22	48.8	204.8	- 58.5	60.9	22	8	- 3.6	..	..	..	0	10	0	0	0	0	0	0	0	0
AMBALA	33.1	-0.7	37.4	08	25.0	-0.4	22.3	22	26.2	216.4	+ 3.3	66.2	21	9	- 0.5	4.2	3.1	-2.3	0	11	0	0	0	0	0	0	0	0
AMBALA AERODROME	33.0	..	35.7	05	25.0	..	22.3	31	48.9	234.0	..	69.1	21	5	..	..	..	..	0	11	0	0	15	0	0	0	0	0
KARNAL	32.8	-0.1	35.0	09	24.9	-0.1	22.2	21	15.2	296.2	+ 80.8	119.0	11	5	- 4.5	6.3	5.0	..	0	6	0	0	0	0	0	0	0	0
HISSAR	36.3	+0.8	39.0	10	26.4	+0.3	24.2	30	13.1	18.7	-102.5	6.2	25	3	- 2.8	10.8	8.8	+0.9	0	9	0	0	4	0	1	0	0	0
NEW DELHI/SAFDARJUNG	34.1	+0.4	36.6	10	25.1	-1.0	22.8	30	48.2	246.0	+ 76.1	76.7	11	7	- 1.8	14.6	10.7	+1.6	0	14	0	0	9	0	0	0	0	0
PALAM AERODROME	33.7	..	36.8	10	24.3	..	20.2	30	18.4	155.5	..	102.2	11	7	..	..	..	..	2	10	0	0	7	0	0	0	0	0
GURGAON	33.6	..	35.0	10	24.2	..	21.2	30	..	..	..	..	..	..	..	7.2	7.4	..	.	..	0	0	0	0	0	0	0	0
NARNAUL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	.	..	..	..	..	.	..	.
ROHTAK	34.3	..	36.6	10	24.6	..	22.4	30	47.3	133.9	..	40.1	12	5	..	11.5	8.7	..	0	5	0	0	1	0	0	0	0	0
PUNJAB																												
PATHANKOT	32.3	-0.2	34.8	01	24.0	0.0	20.6	31	112.7	379.1	- 56.7	116.3	18	15	- 0.4	..	..	..	0	16	0	0	17	0	0	0	0	0
AMRITSAR	34.1	-0.1	37.2	29	24.8	-0.5	21.4	15	82.0	217.5	+ 64.4	52.9	09	12	+ 4.3	..	..	..	0	15	0	0	14	0	0	0	1	0
ADAMPUR AERODROME	33.7	..	36.6	29	24.6	..	20.6	31	96.9	126.5	..	39.6	04	8	..	..	..	..	0	8	0	0	15	0	0	0	0	0
LUDHIANA	34.0	-0.7	37.4	31	25.6	-0.5	22.4	15	153.9	222.7	+ 60.1	82.2	15	10	+ 2.7	4.1	2.6	-0.8	0	11	0	0	11	0	0	0	0	0
FEROZEPUR	35.6	+0.3	38.0	31	24.8	-1.3	21.2	31	18.4	27.4	-103.4	12.4	08	4	- 1.6	3.3	2.4	+0.2	0	5	0	0	0	0	0	0	0	0
HALWARA AERODROME	33.9	..	37.0	31	25.1	..	20.8	31	64.6	84.7	..	21.2	16	6	..	..	..	..	2	12	0	0	14	0	0	2	0	0
PATIALA	33.9	+0.4	38.2	20	25.5	0.0	23.5	09	147.2	255.8	+ 79.5	80.4	15	5	- 3.1	4.4	5.8	-0.3	0	6	0	0	7	0	0	0	0	0
BHATINDA	35.9	-0.2	37.9	31	24.3	-2.0	20.6	06	29.2	58.2	- 88.1	23.0	04	5	+ 0.4	4.9	4.9	-1.6	0	6	0	0	0	0	0	0	0	0
HIMACHAL PRADESH																												
MANDI	31.3	+0.7	33.3	05	23.2	+1.8	21.0	22	191.6	280.6	-218.7	65.0	22	11	- 8.6	4.4	3.3	+1.1	0	12	0	0	6	0	0	0	0	0
BILASPUR	31.6	0.0	33.9	14	21.4	-2.1	18.5	28	80.2	267.5	- 32.3	43.2	03	12	+10.6	..	..	..	1	18	0	0	0	0	0	0	0	0
JAMMU AND KASHMIR																												
MISGAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
GILGIT	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SKARDU	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
DRAS	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SONAMARG	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
LEH	24.8	+0.6	32.0	06	6.2	-3.4	1.5	26	41.8	44.9	+ 28.4	18.7	12	3	+ 1.1	7.1	6.8	+2.0	0	4	0	0	4	0	0	0	0	0
SRINAGAR	29.8	-0.1	33.4	03	16.9	-1.0	9.5	31	6.9	69.5	+ 6.8	27.9	22	7	+ 1.7	3.9	3.6	-0.1	1	7	0	0	8	0	0	0	0	0
SRINAGAR AERODROME	28.4	..	32.0	07	17.2	..	8.9	31	6.0	44.4	..	16.4	22	5	..	..	..	..	0	6	0	0	16	0	0	0	0	0
GULMARG	20.0	-0.3	25.0	07	9.3	-0.9	3.2	31	99.7	114.1	- 0.4	19.6	15	10	+ 0.2	3.7	4.0	-0.6	2	16	0	0	10	1	0	0	0	0
QAZIGUND	27.0	..	30.8	05	16.8	..	9.1	31	16.8	75.5	..	34.3	14	6	..	..	..	..	0	11	0	0	5	0	0	0	0	0
BANIHAL	27.9	..	30.0	14	17.1	..	11.0	27	20.1	56.5	..	15.0	03	7	..	..	..	..	0	12	0	0	2	0	0	0	0	0
JAMMU	32.8	-0.4	35.7	06	24.3	-0.8	20.8	22	81.1	434.5	+135.0	76.0	18	14	+ 2.4	3.3	3.0	..	0	15	0	0	5	0	0	0	0	0
JAMMU AERODROME	32.6	..	35.4	06	24.5	..	21.3	22	88.7	325.2	..	51.8	18	16	..	..	..	..	0	20	0	0	16	1	0	0	0	0
GULMARG (RESEARCH INSTITUTE)	20.1	..	23.6	02	10.5	..	6.4	23	96.9	111.9	..	18.8	05	9	..	..	..	..	1	17	0	0	8	2	0	0	0	0
RAJASTHAN, WEST																												
GANGANAGAR	37.7	+0.4	41.2	09	27.9	+1.0	24.0	04	9.2	18.6	- 50.9	9.4	04	2	- 2.6	..	..	..	0	4	0	0	6	0	1	0	0	0
ANUPGARH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
CHURU	36.2	+1.0	38.2	18	24.5	-1.6	22.2	14	36.0	80.4	- 15.5	42.8	04	3	- 2.3	15.2	12.5	+2.0	1	4	0	0	3	0	0	0	0	0
BIKANER	38.4	+2.3	41.4	03	27.3	+0.7	24.1	28	0.0	16.4	- 79.4	11.2	19	2	- 2.8	15.2	14.5	+3.5	0	2	0	0	2	0	2	0	0	0
NAGAUR	35.9	+1.5	40.2	03	25.2	-1.1	22.2	28	10.4	21.4	- 28.5	11.0	19	2	- 2.2	14.1	13.0	+1.1	0	2	0	0	1	0	0	0	0	0
PHALODI	37.9	+3.4	42.0	02	25.7	-0.1	22.3	28	0.0	20.2	- 69.1	18.1	17	1	- 3.9	23.5	21.4	+2.0	0	2	0	0	2	0	0	0	0	0
JAISALMER	..	..	..	..	..	..	..	..	0.0	0.2	- 76.3	0.2	06	0	- 3.9	25.0	23.7	+2.0	1	0	0	0	0	0	0	0	0	0
JODHPUR	35.9	+2.7	40.5	01	25.3	+0.1	23.3	28	0.0	11.3	-120.0	6.7	17	2	- 4.1	..	..	..	0	2	0	0	3	0	0	0	0	0
BARMER	..	..	..	..	..	..	..	..	0.0	17.8	-131.0	17.8	02	1	- 4.8	6.6	6.7	-3.9	0	1	0	0	1	0	0	0	0	0
ERINPURA (JAWAI DAM)	31.1	-0.2	35.1	31	24.2	-0.6	22.8	17	19.6	175.6	+ 11.5	125.0	02	4	- 4.1	9.5	9.5	+1.0	0	6	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - AUGUST ,1968 (10 SRAVANA - 9 BHADRA,1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena- No. of days with										
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
RAJASTHAN, WEST (CONTD.)																												
JALORE	33.9	..	35.5	08	..	..	..	..	0.0	20.3	..	17.0	01	1	..	13.5	14.4	..	1	3	0	0	0	0	0	0	0	0
RAJASTHAN, EAST																												
PILANI	36.7	+1.8	42.0	27	24.7	-1.3	23.0	20	5.8	37.2	-103.7	9.6	14	4	- 3.8	17.0	14.2	+2.2	0	7	0	0	0	0	0	0	0	0
SIKAR	34.3	+1.2	36.8	03	23.5	-1.2	21.0	30	0.0	25.7	-106.2	25.1	05	1	- 6.9	0.8	0.3	- 7.5	1	2	0	0	0	0	0	0	0	0
ALWAR	33.4	+0.3	36.0	10	26.1	-0.1	23.1	19	21.4	128.5	-140.6	44.6	19	7	- 5.3	6.6	5.4	+1.7	1	10	0	0	4	0	0	0	0	0
JAIPUR (SANGANER)	32.3	+0.4	34.8	31	23.8	-0.5	20.0	30	41.9	176.6	- 27.1	38.9	16	9	- 1.0	..	..	..	1	11	0	0	7	0	0	0	0	0
DHOLPUR	33.3	+0.7	35.7	09	24.6	-1.1	21.2	30	107.6	256.1	- 76.8	76.2	21	9	- 4.7	9.8	6.4	+0.7	0	10	0	0	2	0	0	0	0	0
AJMER	31.7	+0.8	33.7	16	24.0	-0.3	22.4	04	3.6	50.7	-118.0	10.8	16	6	- 3.1	14.5	14.0	+4.5	0	10	0	0	3	0	0	0	0	0
TONK	32.5	+0.3	35.6	31	24.6	-0.6	22.6	29	47.2	92.1	-172.1	24.8	04	8	- 5.4	13.3	9.6	+0.7	0	13	0	0	6	0	0	0	0	0
BHILWARA	30.9	..	33.6	31	23.5	..	22.0	22	88.9	242.4	..	123.8	02	8	..	12.7	10.8	..	0	12	0	0	3	0	0	0	0	0
KOTA	31.3	-0.4	34.4	31	23.1	-2.3	22.0	02	54.8	273.7	+ 16.6	103.2	02	12	+ 1.1	11.1	9.9	+3.0	0	13	0	0	3	0	0	0	0	0
KOTA AERODROME	31.2	..	34.2	31	24.3	..	22.2	30	57.6	279.3	..	102.0	02	10	..	16.3	15.8	..	0	13	0	0	6	0	0	0	0	0
CHAMBAL (RAWAT BHATTA DAM)	30.8	0.0	36.1	25	23.2	-0.7	21.6	30	82.4	275.6	+ 6.5	76.0	18	10	- 2.0	13.4	10.4	+4.2	1	11	0	0	1	0	0	0	0	0
UDAIPUR	28.2	-1.1	30.9	17	21.5	-1.4	18.2	31	70.3	262.2	+ 74.5	99.7	02	9	+ 0.1	6.7	4.9	+0.2	0	10	0	0	3	0	0	0	0	0
JHALAWAR	30.4	-0.2	34.4	31	22.5	-1.6	20.1	30	77.0	198.4	-147.8	57.8	04	10	- 2.4	14.0	11.1	+3.3	0	10	0	0	3	0	0	0	0	0
BANSWARA	28.6	..	31.6	06	23.5	..	22.4	02	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
DUNGARPUR	28.7	..	33.1	06	..	..	..	..	30.2	309.9	..	179.3	01	10	..	4.4	4.3	..	2	11	..	..	..	..	..	.	..	.
MADHYA PRADESH, WEST																												
GWALIOR	32.4	+0.5	34.5	10	25.0	-0.4	23.0	30	38.8	157.7	- 71.3	51.0	19	8	- 4.7	13.0	9.1	+2.5	0	13	0	0	7	0	0	0	0	0
SHEOPUR	31.6	+0.3	34.5	31	24.0	-0.7	21.7	30	25.0	162.2	-187.8	41.0	03	11	- 4.9	11.9	9.6	+3.0	0	12	0	0	2	0	0	0	0	0
SHIVPURI	30.0	..	32.6	31	21.0	..	18.2	30	51.4	136.3	..	35.2	16	9	..	14.2	10.7	..	0	11	0	0	0	0	0	0	0	0
NOWGONG	31.9	+0.6	34.0	31	23.8	-1.0	21.0	29	37.4	239.3	- 80.0	182.2	16	9	- 4.7	9.3	7.0	+1.1	0	12	0	0	0	0	0	0	0	0
GUNA	29.7	+0.2	35.2	03	22.5	-0.6	20.1	29	87.5	196.9	-184.6	54.1	04	13	- 2.0	16.4	13.6	+3.2	0	15	0	0	5	0	0	0	0	0
NIMACH	28.5	-0.8	32.8	01	22.5	-0.5	20.4	29	25.7	139.4	-110.8	49.6	01	6	- 4.2	19.8	16.2	+3.4	1	11	0	0	1	0	0	0	0	0
RAJGARH	29.2	-1.0	32.6	31	22.8	-0.9	20.4	30	163.4	408.4	+ 78.9	146.2	03	8	- 5.7	17.9	14.9	+4.1	0	10	0	0	3	0	0	0	0	0
SAGAR	30.3	+1.9	33.5	31	20.1	-2.1	18.1	27	50.4	207.8	-165.1	55.4	16	8	- 7.5	11.1	14.5	+4.2	0	10	0	0	0	0	0	0	0	0
RATLAM	27.2	-1.1	31.2	31	21.9	-0.7	20.2	31	150.4	312.8	+ 94.0	71.0	18	11	- 2.3	18.7	15.2	+5.4	2	14	0	0	3	0	0	0	0	0
BHOPAL (BAIRAGARH)	28.0	-0.6	31.4	30	21.7	-0.8	20.0	29	109.6	326.0	+ 48.4	118.0	04	11	- 3.0	24.4	19.1	+7.8	1	16	0	0	3	0	0	0	0	0
UJJAIN	27.5	..	31.5	31	21.8	..	19.5	30	105.4	231.6	..	61.6	04	8	..	27.1	21.7	..	0	12	0	0	1	0	0	0	0	0
NARSINGHPUR	29.2	..	32.4	31	22.7	..	21.0	28	137.0	338.2	..	94.6	16	11	..	10.0	7.3	..	0	14	0	0	2	0	0	0	0	0
HOSHANGABAD	29.0	-0.2	33.5	08	22.1	-1.4	20.2	16	93.3	464.2	+ 67.7	76.0	04	16	+ 0.1	6.6	5.7	+0.3	0	18	0	0	2	0	0	0	0	0
INDORE	27.1	-1.1	30.8	31	21.3	-0.7	18.6	30	76.8	233.7	+ 1.8	94.5	05	9	- 2.7	28.9	25.2	+3.5	2	15	0	0	1	0	0	0	0	0
RAJPUR (JHABUA)	28.6	-0.7	31.0	07	22.5	-0.6	21.0	31	91.0	271.8	- 12.6	88.0	06	9	- 3.6	18.7	16.2	+4.5	0	14	0	0	0	0	0	0	0	0
CHHINDWARA	27.4	-0.3	30.2	30	21.8	-0.1	20.3	26	42.2	270.4	+ 6.7	110.8	05	10	- 3.6	..	..	..	3	13	0	0	0	0	0	0	0	0
SEONI	28.1	-0.2	31.5	09	21.7	-0.4	20.4	28	137.2	404.1	+ 48.2	150.0	14	15	- 1.3	9.6	7.6	+1.0	1	22	0	0	2	0	0	0	0	0
BETUL	26.4	-0.5	30.0	31	17.4	-4.3	15.2	01	112.4	353.1	+ 84.1	111.8	05	14	- 0.7	10.7	8.6	+0.7	0	23	0	0	0	0	0	0	0	0
KHANDWA	30.0	+0.1	33.4	25	21.9	-1.3	21.2	30	163.1	380.2	+213.8	134.0	05	9	- 1.2	20.0	15.2	+3.0	0	19	0	0	1	0	0	0	0	0
TIKAMGARH	30.8	..	32.6	31	23.4	..	21.0	29	81.0	220.2	..	48.8	17	11	..	11.1	9.1	..	0	13	0	0	2	0	0	0	0	0
MADHYA PRADESH, EAST																												
SATNA	31.6	+1.1	34.3	31	24.3	-0.2	21.5	31	153.5	222.0	-112.3	81.4	14	10	- 5.2	10.0	8.1	+1.5	1	13	0	0	3	0	0	0	0	0
REWA	32.3	..	35.2	31	24.1	..	21.9	14	38.0	195.6	..	74.2	13	12	..	8.3	6.0	..	0	17	0	0	4	0	0	0	0	0
SIDHI	32.4	+0.8	34.6	31	22.4	-2.2	17.4	04	19.2	209.4	-142.5	51.9	13	10	- 5.2	6.8	5.3	-0.8	0	12	0	0	3	0	0	0	0	0
UMARIA	30.0	+0.6	33.0	31	23.5	0.0	21.4	30	75.6	182.9	-197.1	69.3	14	8	- 8.6	10.2	7.5	+1.5	0	12	0	0	7	0	0	0	0	0
JABALPUR	29.7	+0.2	32.4	30	23.5	-0.1	22.5	14	72.8	402.4	- 14.2	143.8	14	13	- 4.1	10.3	8.4	+0.8	1	20	0	0	6	0	0	0	0	0
AMBIKAPUR	29.4	+0.7	31.4	31	22.3	-0.6	20.5	31	154.8	366.0	- 96.7	112.6	13	13	- 6.4	9.9	7.9	-0.6	1	17	0	0	3	0	0	0	0	0
JASHPUR NAGAR	27.9	..	30.8	31	21.2	..	19.7	31	285.1	468.9	..	87.6	10	21	..	7.3	5.3	..	0	23	0	0	0	0	0	0	0	0
PENDRA	28.3	0.0	31.8	31	22.6	+0.1	21.2	05	147.4	400.1	+ 33.8	90.4	12	14	- 4.4	9.9	8.0	+1.2	0	18	0	0	9	0	0	0	0	0
MANDLA	29.1	-0.1	31.2	29	22.4	-0.7	20.8	28	92.6	535.2	+108.0	212.0	14	11	- 7.6	8.2	4.7	+1.0	0	21	0	0	3	0	0	0	0	0
CHAMPA	30.1	-0.7	34.0	31	24.1	-0.8	22.3	14	224.0	549.0	+ 48.4	144.7	05	12	- 7.3	12.9	9.7	+2.3	0	19	0	0	3	0	0	0	0	0
RAIGARH	30.7	-0.3	35.3	31	24.6	-0.3	22.7	14	130.6	463.7	- 44.0	95.0	11	14	- 4.9	9.1	7.8	+1.3	0	15	0	0	0	0	0	0	0	0
RAIPUR	29.6	-0.5	32.8	30	23.7	-0.4	21.5	14	79.7	180.2	-208.9	38.7	14	10	- 5.6	12.5	10.7	+0.3	0	20	0	0	1	0	0	0	0	0
KANKER	28.9	-0.2	31.5	29	23.7	+0.2	20.6	05	49.9	100.5	-229.2	23.0	31	9	- 5.7	12.8	11.6	+3.4	0	15	0	0	0	0	0	0	0	0
JAGDALPUR	28.6	+0.2	32.0	31	22.1	-0.1	21.0	05	60.2	116.6	-274.8	24.1	05	13	- 5.6	..	..	..	2	20	0	0	6	0	0	0	0	0
GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																												
DEESA	31.7	-0.5	36.8	28	23.3	-1.2	22.0	07	13.8	145.4	- 47.7	109.0	01	3	- 6.2	15.9	13.0	..	0	6	0	0	0	0	0	0	0	0
RADHANPUR	..	..	..	..	24.7	+0.7	21.9	29	3.3	54.6	- 36.4	46.0	01	3	- 2.4	..	..	..	0	5	0	0	0	0	0	0	0	0
IDAR	30.0	-0.4	33.1	06	22.9	-1.0	21.1	30	60.4	387.6	+178.7	276.2	01	4	- 9.4	10.6	8.8	+2.3	0	8	0	0	0	0	0	0	0	0
AHMADABAD	31.8	0.0	34.4	31	24.6	0.0	23.5	31	47.2	71.7	-133.8	41.2	06	6	- 5.2	10.0	8.6	+0.3	0	8	0	0	1	0	0	0	0	0
DOHAD	27.9	-1.1	30.8	31	22.6	-0.4	21.4	30	65.1	202.9	- 2.7	52.2	05	9	- 3.2	24.2	24.2	+1.8	1	14	0	0	1	0	0	0	0	0
VALLABH VIDYANAGAR	31.0	..	33.7	30	24.5	..	22.7	29	37.1	179.2	..	100.3	06	7	..	12.6	10.8	..	0	16	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — AUGUST 1968 (10 SRAVANA - 9 BHADRA 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
GUJARAT REGION (INCLUDING DAMAN DADRA AND NAGAR HAVELI)																												
BARODA AERODROME	30.6	-0.5	33.4	29	24.6	-0.3	23.0	29	91.2	278.8	+ 16.8	178.3	06	8	- 3.3	14.1	13.4	+2.7	0	9	0	0	1	0	0	0	0	0
BARODA	31.0	-0.5	34.2	31	24.7	-0.1	23.3	29	91.1	293.3	+ 29.4	183.2	06	8	- 3.7	8.3	9.1	+2.2	0	12	0	0	1	0	0	0	0	0
BROACH	..	..	..	..	..	..	..	..	..	0.0	-228.3	0.0	..	0	-12.2	7.7	5.6	-4.4	0	0	0	0	0	0	0	0	0	0
SURAT	30.4	+0.1	32.6	31	25.4	0.0	24.1	31	247.1	67.2	-134.0	36.6	02	4	- 8.8	20.6	13.4	+2.7	0	5	0	0	0	0	0	0	0	0
SAURASHTRA AND KUTCH (INCLUDING DIU)																												
NALIYA	29.9	-0.8	32.6	08	25.1	-0.5	23.7	30	2.0	11.4	- 46.3	7.0	08	1	- 3.2	28.8	24.5	+5.3	0	3	0	0	1	0	0	0	0	0
BHUJ (RUDRAMATA)	32.0	+0.3	37.2	07	25.3	0.0	22.3	31	2.0	47.8	- 36.0	26.2	07	2	- 2.0	29.1	24.5	+7.5	0	4	0	0	2	0	0	0	0	0
KANDLA AERODROME	31.8	..	37.2	07	25.1	..	21.8	31	15.4	148.8	..	74.0	07	4	..	39.1	31.9	..	0	6	0	0	2	0	0	0	0	0
NEW KANDLA	31.4	-0.1	36.9	07	25.5	-0.4	23.4	31	34.0	156.6	+ 93.1	82.4	07	4	- 1.8	29.1	25.4	-1.0	0	6	0	0	1	0	0	0	0	0
MANDVI	29.8	-0.5	31.0	03	25.3	-0.8	23.9	23	8.5	101.9	+ 27.5	66.0	07	4	- 0.8	37.3	37.4	+4.3	0	4	0	0	0	0	0	0	0	0
SURENDRANAGAR	32.4	-0.1	35.4	28	24.9	+0.1	23.6	27	97.6	169.0	- 4.4	79.6	02	3	- 3.9	20.7	20.2	+3.4	0	4	0	0	1	0	0	0	0	0
OKHA	29.3	..	30.6	04	25.2	..	24.0	08	28.7	131.1	..	78.0	08	4	..	29.5	28.5	..	1	5	0	0	2	0	0	0	0	0
JAMNAGAR AERODROME	31.0	-0.5	32.7	05	24.7	-0.7	21.3	31	41.5	265.5	+165.4	137.5	07	6	+ 0.6	..	..	..	0	6	0	0	2	0	0	0	0	0
DWARKA	28.8	-0.5	30.3	28	25.9	-0.1	24.0	08	84.4	167.5	+ 99.2	115.0	08	4	0.0	26.6	27.5	+5.6	3	4	0	0	0	0	0	0	0	0
RAJKOT	31.1	-0.5	34.0	31	23.8	-0.2	20.8	29	26.2	319.0	+108.5	188.0	07	6	- 3.2	38.3	32.4	+9.2	0	7	0	0	2	0	0	0	0	0
BHAUNAGAR AERODROME	31.7	-0.6	34.6	17	24.6	-0.2	22.6	27	261.4	472.5	+312.0	372.9	07	5	- 5.1	27.0	23.6	+1.1	0	6	0	0	1	0	0	0	0	0
PORBANDER AERODROME	28.9	-0.4	30.5	05	25.6	0.0	22.2	07	88.3	483.6	+334.3	320.7	07	6	- 2.5	22.3	19.7	..	1	9	0	0	1	0	0	0	0	0
KESHOD	29.5	-0.5	31.9	31	24.4	-0.2	22.1	31	26.7	218.0	+ 99.2	136.7	07	6	- 4.0	37.4	27.2	+5.9	0	8	0	0	1	0	0	0	0	0
MAHUVA	30.0	..	32.0	30	24.6	..	21.8	31	38.2	201.8	+ 29.2	73.3	06	6	- 3.8	21.4	16.2	..	0	14	0	0	0	0	0	0	0	0
VERAVAL	28.8	0.0	31.1	29	25.1	-0.4	23.2	08	37.1	150.4	+ 53.9	63.5	07	6	- 0.3	30.4	30.9	+6.8	2	9	0	0	0	0	0	0	0	0
DIU	28.7	..	29.6	27	25.1	..	23.0	09	48.1	193.3	..	89.6	06	5	..	25.8	21.5	..	3	8	0	0	0	0	0	0	0	0
KONKAN (INCLUDING GOA)																												
DAHANU	29.4	+0.3	31.3	28	25.5	+0.7	23.8	06	86.5	387.0	-110.0	191.8	06	13	- 6.3	30.8	28.4	+4.1	0	20	0	0	0	0	0	0	0	0
BOMBAY (SANTACRUZ)	29.6	+0.5	30.5	29	25.1	+0.7	23.3	07	52.2	192.4	-426.6	89.5	01	12	-10.6	23.7	21.2	+5.1	3	17	0	0	0	0	0	0	1	0
BOMBAY	30.0	+0.5	31.4	28	25.6	+0.8	23.0	07	46.2	125.3	-203.6	31.7	07	8	-10.2	16.8	16.1	+2.7	5	15	0	0	0	0	0	0	6	0
ALIBAG	29.2	+0.4	31.5	28	25.5	+0.6	23.4	30	..	97.6	-253.4	19.8	02	9	-10.8	.	32.0	+7.7	2	21	0	0	0	0	0	0	0	0
BHIRA	27.9	..	30.5	29	23.2	..	21.3	30	322.8	755.6	..	143.4	07	30	..	4.7	4.2	..	0	31	0	0	0	0	0	0	0	0
HARNAI	28.4	+0.7	29.4	28	25.2	+0.8	23.4	31	63.7	156.3	-391.8	36.8	03	15	- 7.4	23.9	23.5	+3.0	0	18	0	0	0	0	0	0	0	0
RATNAGIRI	29.1	+0.8	30.7	28	24.8	+0.7	22.8	30	55.3	166.1	-317.0	54.7	02	15	- 8.1	14.8	14.2	..	2	22	0	0	0	0	0	0	0	0
DEVGARH	29.0	+0.8	31.0	29	23.6	-0.7	21.6	30	31.2	115.4	-325.7	17.0	11	13	- 9.5	29.3	29.7	+3.8	0	18	0	0	0	0	0	0	0	0
VENGURLA	29.4	+0.7	30.2	19	24.4	+0.5	22.1	30	36.7	131.1	-427.8	21.1	01	15	- 9.6	13.0	9.8	..	2	24	0	0	0	0	0	0	0	0
PANJIM	29.1	..	30.0	08	24.4	..	22.4	31	57.0	166.0	..	21.4	01	16	..	23.3	22.3	..	6	21	0	0	0	0	0	0	0	0
MORMUGAO	28.5	+0.7	29.8	28	24.3	+0.4	22.5	31	70.4	148.0	-253.4	19.3	02	19	- 3.6	21.1	21.1	+2.3	1	26	0	0	0	0	0	0	0	0
DABOLIM (NAVAL AIR STN.)	..	..	..	..	24.5	..	23.3	31	54.1	155.1	..	34.8	01	14	..	17.4	13.7	..	0	23	0	0	0	0	0	0	0	0
MADHYA MAHARASHTRA																												
NANDURBAR	29.2	-0.5	32.6	31	23.0	-0.7	19.6	07	..	366.3	+212.0	176.4	06	12	- 0.3	14.4	11.5	+1.1	0	19	0	0	0	0	0	0	0	0
JALGAON	30.9	-0.3	34.7	23	22.8	-0.6	21.3	28	165.0	449.4	+279.0	190.8	01	10	- 1.5	21.5	14.6	+2.3	1	15	0	0	0	0	0	0	0	0
MALEGAON	29.5	-1.2	33.4	30	20.7	-1.6	17.6	31	36.2	178.7	+105.0	136.4	06	3	- 2.1	12.6	15.1	+3.5	0	4	0	0	0	0	0	0	0	0
OZAR	27.3	..	30.3	30	19.9	..	17.0	31	79.0	259.6	..	151.0	06	9	..	31.0	25.2	..	4	16	0	0	0	0	0	0	0	0
AHMADNAGAR	29.2	-0.2	33.0	30	20.7	-0.2	17.2	29	34.5	46.3	- 27.4	17.9	06	3	- 1.6	16.9	12.4	+2.0	0	7	0	0	0	0	0	0	0	0
KHANDALA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
POONA AERODROME	27.8	..	30.0	28	20.1	..	17.5	29	19.0	50.9	..	12.3	06	7	..	..	..	..	1	16	0	0	0	0	0	0	0	0
POONA	27.5	0.0	29.6	28	21.4	+0.1	17.9	28	25.2	60.0	- 36.5	19.6	06	9	+ 0.8	18.7	14.5	..	1	17	0	0	0	0	0	0	0	0
JEUR	30.7	0.0	34.9	27	20.9	-0.1	18.2	25	0.0	5.8	- 82.6	5.8	09	1	- 5.7	25.6	19.0	+3.4	0	1	0	0	0	0	0	0	0	0
BARAMATI	30.2	+0.8	33.0	28	21.4	-0.1	18.8	28	13.0	15.0	- 71.6	9.4	08	1	- 5.0	27.0	19.6	+3.0	0	4	0	0	0	0	0	0	0	0
SHOLAPUR	30.6	-0.7	34.3	29	21.9	0.0	20.3	25	12.1	25.1	- 78.8	14.0	21	3	- 3.9	15.8	13.4	+1.8	1	10	0	0	0	0	0	0	0	0
MIRAJ	28.9	+0.9	32.0	29	21.0	-0.1	18.7	26	10.8	23.6	- 87.1	10.8	08	2	- 6.7	..	..	..	0	10	0	0	0	0	0	0	0	0
KOLHAPUR	26.9	+0.8	29.4	30	20.8	0.0	19.3	29	55.7	154.4	- 67.1	29.8	08	17	- 1.5	22.4	18.5	+2.0	0	24	0	0	0	0	0	0	0	0
NASIK	29.4	..	32.6	10	..	..	..	..	..	274.6	..	168.0	06	11	..	..	..	..	1	16	0	0	0	0	0	0	0	0
SANGLI	28.7	..	31.9	29	20.9	..	18.8	28	14.0	30.8	..	7.8	07	4	..	26.7	19.9	..	0	10	0	0	0	0	0	0	0	0
MARATHWADA																												
AURANGABAD	28.3	-0.9	31.8	29	20.8	-0.4	19.8	19	60.6	128.5	+ 5.8	53.6	06	10	+ 1.1	23.6	18.9	+1.7	0	19	0	0	0	0	0	0	0	0
AURANGABAD (CHIKALTHAN)	28.6	-0.5	31.5	27	19.6	-2.3	18.0	27	50.2	108.7	- 19.4	40.3	06	9	- 1.8	25.5	20.6	+3.6	0	16	0	0	0	0	0	0	0	0
PARBHANI	30.3	-0.1	32.6	27	21.8	-0.4	20.2	25	20.8	57.9	- 86.1	20.5	05	6	- 2.9	15.0	11.7	-0.6	0	6	0	0	0	0	0	0	0	0
NANDER	30.8	..	33.4	30	22.0	..	21.0	05	19.0	38.6	..	19.0	05	3	..	10.5	8.9	..	1	8	0	0	0	0	0	0	0	0
BIR	31.2	..	34.6	27	22.3	..	18.0	28	14.8	19.0	..	10.2	06	2	..	15.2	12.3	..	0	5	0	0	0	0	0	0	0	0
VIDARBHA																												
GONDIA	29.6	-0.3	32.5	31	23.7	-0.4	21.7	15	90.1	398.5	- 26.3	108.9	14	16	- 0.9	5.6	3.7	-1.6	1	17	0	0	1	0	0	0	0	0
NAGPUR (SONEGAON)	29.9	-0.5	32.6	09	23.1	-0.6	21.3	28	62.8	141.8	-144.5	48.5	14	10	- 3.6	17.1	13.5	+2.0	3	16	0	0	1	0	0	0	0	0
AMRAOTI	29.2	-0.6	33.6	31	22.4	-0.6	21.2	31	71.8	187.4	+ 14.2	55.0	05	11	+ 1.1	16.0	11.7	-2.4	0	15	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — AUGUST 1968 (10 SRAVANA - 9 BHADRA 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
VIDARBHA (CONTD)																												
AKOLA AERODROME	29.8	..	33.4	31	21.3	..	20.4	20	128.8	282.6	..	53.3	05	13	..	16.2	12.7	..	4	17	0	0	1	0	0	0	0	0
AKOLA	29.7	-1.0	33.6	31	22.6	-0.9	22.0	04	125.9	307.6	+142.8	57.8	05	13	+ 3.7	17.3	12.3	+0.4	0	15	0	0	0	0	0	0	0	0
BRAMHAPURI	29.6	-0.3	32.4	31	20.9	-2.9	19.2	15	37.9	126.5	-329.1	39.0	15	12	- 7.0	11.8	9.3	+1.7	0	17	0	0	0	0	0	0	0	0
BULDANA	27.0	0.0	0.0	00	19.0	-2.1	0.0	00	135.0	271.9	+ 80.9	121.1	05	10	- 2.2	..	..	..	0	13	..	..	..	..	..	..	..	..
YEOTMAL	29.1	0.0	33.7	31	21.8	-0.5	20.8	30	152.0	317.0	+ 50.0	85.0	15	9	- 4.0	22.9	19.4	+4.9	0	11	0	0	0	0	0	0	0	0
CHANDRAPUR	30.4	-0.1	33.6	31	23.9	-0.2	22.5	16	43.6	158.5	-149.6	49.2	05	10	- 4.5	17.9	10.9	+2.6	1	22	0	0	4	0	0	0	0	0
PUSAD	30.3	..	33.4	31	..	..	..	..	54.4	153.3	..	42.0	16	10	..	15.6	11.4	..	0	10	0	0	0	0	0	0	0	0
SIRONCHA	32.0	+1.3	34.4	31	25.8	+1.3	22.1	29	29.1	68.8	-366.1	18.3	13	6	-10.3	8.9	5.4	-0.2	0	11	0	0	0	0	0	0	0	0
WARDHA	29.8	..	33.2	31	21.5	..	20.4	31	73.8	173.4	..	33.0	04	11	..	14.3	11.3	..	1	15	0	0	0	0	0	0	0	0
BHANDARA	29.4	..	33.0	09	23.6	..	21.9	31	47.0	141.6	..	52.4	14	7	..	13.3	9.9	..	0	17	..	..	..	..	..	..	..	..
COASTAL ANDHRA PRADESH																												
KALINGAPATAM	33.7	+1.8	36.4	30	26.1	+0.1	25.2	27	1.6	15.2	-157.0	..	..	..	..	13.1	10.8	-1.0	.	..	0	0	3	0	0	0	0	0
VISHAKHAPATNAM	35.4	+3.4	37.2	27	27.0	+1.0	25.0	07	20.7	27.1	- 94.1	19.9	24	2	- 5.5	21.6	15.9	+2.4	1	8	0	0	4	0	0	0	2	0
KAKINADA	34.5	+2.7	36.6	22	26.8	+1.2	24.0	07	9.8	17.1	-127.9	6.0	26	3	- 6.7	13.5	9.8	-1.2	0	6	0	0	0	0	0	0	0	0
NIDADAVOLE	33.1	+2.4	34.8	31	25.7	+0.8	24.0	12	60.2	111.4	- 96.9	35.6	28	6	- 5.3	18.3	10.7	-0.8	0	10	0	0	0	0	0	0	0	0
RENTACHINTALA	36.1	+2.2	38.0	31	27.0	+1.4	24.6	17	0.0	10.4	-105.7	6.4	17	2	- 5.7	12.3	13.3	+1.5	0	2	0	0	0	0	0	0	0	0
GANNAVARAM	34.4	+2.3	37.2	26	26.0	+0.9	22.3	27	3.9	73.1	-131.2	38.0	27	3	- 8.9	21.3	15.5	+0.2	1	9	0	0	7	0	0	0	0	0
MASULIPATAM	34.4	+2.2	36.1	26	25.4	-0.4	21.6	09	4.6	52.4	-100.0	27.6	09	2	- 7.9	9.3	4.2	-6.8	0	7	0	0	1	0	0	0	0	0
ONGOLE	37.7	+3.6	39.8	28	26.7	+0.4	23.1	18	0.0	35.8	- 63.2	14.8	29	5	- 1.3	14.3	13.4	+3.1	0	5	0	0	0	0	0	0	0	0
NELLORE	37.9	+2.7	40.1	31	27.6	+1.1	25.1	24	0.0	12.9	- 63.0	4.8	13	3	- 2.2	..	..	..	1	5	0	0	2	0	0	0	0	0
VISHAKHAPATNAM (SOLAR)	33.2	..	36.4	20	26.0	..	23.6	07	..	60.7	..	42.2	24	3	..	.	8.3	..	1	11	0	0	2	0	0	0	0	0
TELANGANA																												
RAMGUNDAM	32.8	+1.5	35.6	29	24.1	-0.3	22.8	22	22.9	59.6	-171.1	12.8	03	8	- 6.2	10.2	6.7	+0.4	0	15	0	0	1	0	0	0	0	0
NIZAMABAD	31.4	+1.3	33.9	30	23.4	+0.4	21.9	05	10.4	50.8	-186.9	11.0	09	7	- 6.3	9.1	7.5	+0.4	2	12	0	0	1	0	0	0	0	0
HANAMKONDA	31.3	+0.4	34.6	30	24.3	+0.1	22.8	23	12.6	26.6	-147.9	7.2	28	4	- 6.8	15.5	11.3	+0.6	0	9	0	0	0	0	0	0	0	0
HAKIMPET AERODROME	32.5	..	36.0	27	22.6	..	20.6	22	10.8	21.4	..	5.8	09	3	..	..	..	..	2	8	0	0	0	0	0	0	0	0
BHADRACHALLAM	33.3	+2.0	35.2	31	25.1	+0.5	23.6	30	9.9	37.9	-243.8	7.0	07	6	- 8.4	7.7	5.3	-1.9	0	13	0	0	0	0	0	0	0	0
HYDERABAD (BEGAMPET)	31.2	+1.7	34.1	31	20.9	-1.2	19.6	07	6.7	20.5	-114.6	7.1	07	3	- 6.5	23.8	18.6	+0.3	0	7	0	0	0	0	0	0	5	0
KHAMMAM	33.5	+1.3	35.5	09	25.7	+1.0	23.4	23	38.0	68.6	-121.8	32.0	30	6	- 5.2	10.1	8.5	+0.4	0	7	0	0	0	0	0	0	0	0
MAHBUBNAGAR	32.1	+2.6	35.2	31	23.1	+0.9	0.0	00	12.0	17.8	-191.4	4.0	07	3	-11.8	15.4	13.4	+0.2	0	9	0	0	0	0	0	0	0	0
RAYALASEEMA																												
KURNOOL	34.3	+2.2	36.2	30	23.9	+0.4	21.6	21	0.6	13.8	- 89.3	3.8	09	2	- 6.1	26.9	22.5	+4.1	0	7	0	0	0	0	0	0	0	0
NANDYL	35.3	..	37.3	31	24.7	..	22.5	16	1.6	45.8	..	17.2	25	3	..	23.5	17.4	..	0	10	0	0	0	0	0	0	0	0
ANANTAPUR	34.4	+2.0	38.5	09	24.1	+0.6	23.2	21	0.4	0.4	- 84.2	0.3	23	0	- 4.9	23.5	19.3	+1.3	1	1	0	0	0	0	0	0	0	0
CUDDAPAH	35.9	+1.9	38.2	31	26.2	+0.8	24.7	24	0.0	3.2	-118.2	2.6	24	1	- 6.2	6.5	5.2	-3.5	0	2	0	0	0	0	0	0	0	0
AROGYAVARAM	31.8	+1.8	33.4	09	21.5	-0.2	20.6	22	2.0	9.0	- 71.7	4.0	13	2	- 4.1	19.5	15.3	+1.9	0	3	0	0	3	0	0	0	0	0
MADRAS STATE (INCLUDING PONDICHERRY																												
MADRAS	36.5	+2.6	38.5	09	26.2	+0.8	24.1	10	5.7	58.2	- 89.2	18.0	25	6	- 4.4	15.1	11.2	+3.7	1	14	0	0	0	0	0	0	0	0
MADRAS (MINAMBAKKAM)	37.2	+2.7	39.0	07	26.6	+0.8	23.7	25	0.2	34.8	- 78.2	17.7	25	3	- 4.8	19.5	15.0	+1.4	3	12	0	0	1	0	0	0	0	0
VELLORE	36.1	+2.0	38.2	09	25.0	0.0	22.7	13	0.0	35.8	-102.6	15.3	25	5	- 2.6	13.2	12.3	+3.8	0	7	0	0	1	0	0	0	0	0
TAMBARAM AERODROME	38.4	..	40.3	08	26.2	..	23.6	25	22.2	91.7	..	37.8	25	5	..	..	..	..	0	8	0	0	7	0	0	0	0	0
TIRUPPATTUR	34.7	+1.3	37.1	26	23.8	+0.9	22.3	04	0.0	96.4	- 19.5	82.5	27	2	- 3.0	16.3	12.9	+5.1	0	2	0	0	0	0	0	0	0	0
METTUR DAM R.S.	35.4	..	37.2	09	24.8	..	23.1	31	0.0	38.6	..	20.0	27	3	..	6.5	7.4	..	0	6	0	0	0	0	0	0	0	0
CUDDALORE	36.5	+2.0	38.5	03	25.5	+0.1	21.9	30	13.6	130.1	+ 16.0	47.8	30	8	+ 1.0	12.2	10.3	+0.5	1	14	0	0	3	0	0	0	0	0
KALLAKKURICHCHI	36.5	+1.6	38.4	10	..	..	..	..	12.4	139.5	+ 21.7	60.2	29	7	+ 0.5	11.5	10.4	..	0	10	0	0	0	0	0	0	0	0
SALEM	34.9	+1.7	36.7	25	23.5	+0.1	21.3	30	21.8	140.3	- 16.4	42.7	30	10	+ 0.5	7.6	6.5	-1.4	0	17	0	0	6	0	0	0	0	0
COIMBATORE (PILAMEDU)	31.9	+0.8	33.3	29	21.6	-0.2	20.4	23	0.6	5.3	- 16.8	2.7	30	1	- 1.3	38.1	31.1	+0.3	0	6	0	0	2	0	0	0	0	0
COIMBATORE	31.0	+1.1	33.0	27	21.6	-0.5	20.0	10	..	16.8	- 16.2	8.6	30	2	- 1.2	.	15.3	+0.4	0	4	0	0	0	0	0	0	0	0
NAGAPATTINAM	36.3	+1.9	38.0	02	26.2	+0.2	23.0	30	0.0	58.0	- 11.3	25.6	26	4	- 0.6	15.6	12.9	+2.6	0	6	0	0	2	0	0	0	0	0
TIRUCHCHIRAPPALLI	37.2	+2.1	38.7	03	25.8	+0.4	22.1	26	0.0	100.6	+ 3.1	85.8	26	2	- 2.8	22.5	18.5	-7.3	1	4	0	0	6	0	0	0	0	0
VEDARANNIYAM	34.3	..	37.0	11	25.0	..	22.0	30	0.0	95.2	..	41.8	30	3	..	10.6	8.2	..	0	5	0	0	0	0	0	0	0	0
ATIRAMPATTINAM	34.4	..	38.4	21	25.7	..	23.4	28	0.0	26.2	..	15.6	28	3	..	18.4	13.1	..	0	4	0	0	3	0	0	0	0	0
MADURAI	37.4	+2.1	39.7	11	24.3	-0.9	20.6	27	..	31.6	- 79.9	19.2	27	3	- 3.3	.	8.6	+1.6	0	3	0	0	0	0	0	0	0	0
MADURAI AERODROME	36.8	+1.2	38.4	10	25.6	+0.3	20.3	27	4.0	87.3	+ 8.0	55.0	27	2	- 1.2	22.0	18.5	+5.2	1	6	0	0	5	0	0	0	0	0
TONDI	32.5	-0.2	35.8	01	25.2	-0.7	21.9	31	0.0	83.8	+ 50.6	45.0	29	4	+ 1.6	20.5	14.3	-1.5	0	5	0	0	3	0	0	0	0	0
PAMBAN	31.3	-0.2	32.8	17	25.4	-1.0	23.5	31	0.0	0.0	- 13.2	0.0	..	0	- 0.9	20.7	18.6	+3.0	0	0	0	0	0	0	0	0	0	0
TUTICORIN	35.4	+0.9	37.1	21	25.7	-0.6	24.3	31	0.0	0.0	- 5.0	0.0	..	0	- 0.8	23.8	20.3	+1.1	0	0	0	0	0	0	0	0	0	0
PALAYANKOTTAI	35.9	+1.1	38.2	27	25.1	-1.3	21.6	05	0.0	0.0	- 16.5	0.0	..	0	- 1.1	19.6	15.8	-1.8	0	0	0	0	0	0	0	0	0	0
KANNIYAKUMARI	30.5	..	32.2	10	24.0	..	22.5	15	0.8	6.8	..	4.8	14	1	..	25.6	22.7	..	0	2	0	0	0	0	0	0	0	0
PONDICHERRY	36.2	..	39.0	20	25.2	..	21.4	30	1.6	49.4	..	20.0	30	4	..	18.4	15.4	..	0	8	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — AUGUST ,1968 (10 SRAVANA - 9 BHADRA ,1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena- No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 to 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
MADRAS STATE (INCLUDING PONDICHERRY																												
PORTNOVO	36.3	..	38.3	07	23.1	..	18.6	30	..	116.6	..	67.4	30	5	..	.	11.3	..	0	9	0	0	5	0	0	0	0	0
TUTICORIN H.P.	35.1	..	37.1	19	27.1	..	25.8	26	0.0	0.0	..	0.0	..	0	..	26.6	22.2	..	0	0	0	0	3	0	0	0	0	0
COASTAL MYSORE																												
KARWAR	29.1	+1.2	29.6	05	24.0	-0.1	22.9	08	53.0	241.6	-294.8	38.8	08	21	- 3.2	11.0	10.0	..	0	24	0	0	0	0	0	0	0	0
HONAVAR	29.1	+0.8	30.2	24	23.7	+0.2	22.7	31	167.1	424.7	-277.9	84.3	10	24	- 1.7	..	..	..	1	25	0	0	1	0	0	0	0	0
MANGALORE (BAJPE)	28.9	+0.9	29.8	31	23.4	+0.6	22.4	14	79.7	515.0	-296.5	154.6	13	22	- 3.7	13.3	9.3	+0.8	1	25	0	0	0	3	0	0	0	0
MANGALORE	29.1	+0.6	30.2	10	22.4	-1.2	20.8	12	84.7	407.0	-200.1	116.0	13	18	- 7.1	12.3	9.8	+1.9	0	20	0	0	0	0	0	0	0	0
MANGALORE H.P.	29.1	..	30.0	11	23.8	..	22.3	13	59.6	381.3	..	132.1	13	19	..	13.5	10.4	..	1	25	0	0	0	0	0	0	13	0
INTERIOR MYSORE NORTH																												
BIDAR	29.6	+0.9	32.5	28	21.3	+0.3	20.5	23	2.4	7.2	-159.4	2.6	31	1	- 9.1	25.4	22.3	+3.8	0	6	0	0	0	0	0	0	0	0
GULBARGA	32.2	+1.0	34.6	28	22.5	+0.3	21.0	23	4.2	11.7	-120.4	10.2	16	1	- 6.7	21.7	18.9	+1.4	0	2	0	0	0	0	0	0	0	0
BIJAPUR	31.0	+0.9	34.3	30	21.3	0.0	20.2	29	4.8	9.0	- 56.8	4.2	08	1	- 3.2	19.9	15.6	+2.1	0	4	0	0	0	0	0	0	0	0
RAICHUR	31.6	-0.3	36.0	31	23.3	+0.5	21.5	23	4.7	4.7	-113.2	1.6	11	0	- 8.0	26.2	20.7	+2.5	0	6	0	0	0	0	0	0	0	0
BELGAUM	25.9	+0.3	29.2	29	20.3	+0.9	19.3	28	60.9	166.1	- 74.2	29.4	07	16	- 2.1	9.8	7.6	-5.9	1	22	0	0	0	0	0	0	0	0
BELGAUM (SANRA)	25.7	+0.5	28.8	30	20.0	+0.2	17.7	28	34.0	90.7	- 81.6	13.6	01	14	- 0.7	22.6	17.8	-5.4	1	21	0	0	0	0	0	0	0	0
GADAG	29.7	+0.8	32.6	31	20.6	-0.3	19.1	31	3.4	6.9	- 85.3	1.4	21	0	- 7.3	22.4	19.6	+2.1	2	9	0	0	0	0	0	0	0	0
BIDAR A.F.	30.2	..	33.0	28	20.0	..	19.0	31	6.5	12.6	..	2.5	31	1	..	..	..	..	1	8	0	0	0	0	0	0	0	0
INTERIOR MYSORE, SOUTH																												
BELLARY	32.3	+0.9	34.2	30	23.8	+0.3	23.0	05	1.5	3.9	- 65.4	2.0	13	0	- 4.0	19.0	16.7	+3.1	0	4	0	0	0	0	0	0	0	0
CHITRADURGA	28.5	+0.4	31.0	31	20.6	+0.1	19.8	28	12.2	27.4	- 62.0	6.4	15	3	- 4.5	15.3	14.2	+1.1	0	14	0	0	0	0	0	0	0	0
SHIMOGA	..	..	..	..	..	..	..	..	17.2	63.2	- 64.5	15.4	16	8	- 6.1	5.1	3.2	-3.1	0	16	0	0	0	0	0	0	0	0
AGUMBE	23.3	..	26.4	29	19.3	..	16.2	04	..	1785.0	..	198.0	13	27	..	.	8.9	..	0	27	0	0	0	0	0	0	0	0
BALEHONNUR	23.8	+0.6	28.1	30	18.0	-0.6	16.9	28	..	405.4	-187.7	63.0	16	24	- 0.3	..	..	..	0	26	0	0	3	0	0	0	0	0
HASSAN	23.8	-1.7	27.3	31	17.0	-1.8	15.0	29	4.0	47.7	- 52.1	..	..	..	..	13.8	10.2	-3.4	.	..	0	0	3	0	0	0	0	0
BANGALORE	28.7	+1.4	31.3	30	19.2	0.0	17.8	22	20.7	65.8	- 70.9	27.6	14	6	- 3.5	20.7	16.4	+1.2	1	15	0	0	1	0	0	0	0	0
BANGALORE AERODROME	28.8	+0.9	30.1	30	18.4	-1.0	16.9	22	34.0	75.6	- 23.5	28.8	14	6	- 1.9	..	..	..	2	13	0	0	1	0	0	0	0	0
MYSORE	26.4	-1.5	30.0	30	19.8	+0.2	18.6	31	42.8	61.6	- 25.5	20.8	03	6	+ 5.7	20.8	14.5	+2.0	0	13	0	0	0	0	0	0	0	0
YALANKA A.F.	28.8	..	30.6	31	18.9	..	17.8	22	13.4	46.8	..	12.0	13	6	..	..	..	..	0	9	0	0	0	1	0	0	0	0
KERALA																												
CALICUT	28.7	0.0	30.4	09	23.3	-0.3	22.0	15	184.5	671.3	+231.6	100.3	15	23	+ 3.3	7.3	5.4	-3.5	0	25	0	0	0	0	0	0	0	0
PALGHAT	28.9	+0.1	31.4	31	22.7	-0.4	21.4	16	160.7	385.5	+ 98.4	64.0	17	18	+ 0.1	15.7	12.6	-1.0	0	21	0	0	0	0	0	0	0	0
FORT COCHIN	28.6	+0.5	29.9	15	23.1	-0.9	21.3	23	43.4	256.4	-123.3	30.8	23	18	- 1.3	12.5	11.3	+1.4	0	21	0	0	0	0	0	0	0	0
COCHIN (NAVAL AIR STATION)	29.3	..	30.2	08	23.7	..	21.0	16	57.0	269.8	..	34.2	23	20	..	12.6	8.7	..	2	23	0	0	2	0	0	1	3	0
ALLEPPEY	29.1	+0.3	30.3	12	23.7	+0.2	22.5	15	35.0	205.8	-172.0	24.8	27	18	- 1.6	13.6	10.5	-0.6	0	21	0	0	0	0	0	0	0	0
PUNALUR	31.4	+1.6	32.9	31	22.2	-0.5	20.9	15	43.4	173.0	-124.6	14.2	20	19	- 0.1	4.4	3.0	-1.8	0	22	0	0	0	0	0	0	0	0
TRIVANDRUM	29.3	-0.1	30.6	31	22.8	-0.5	21.0	16	17.2	94.8	- 50.7	31.8	10	10	- 0.8	18.7	12.3	+1.1	3	15	0	0	0	0	0	0	0	0
TRIVANDRUM AERODROME	29.1	-0.1	30.0	26	23.5	0.0	21.8	16	..	69.5	- 79.8	13.8	10	10	- 0.7	.	13.8	+3.8	1	17	0	0	0	0	0	0	0	0
ARABIAN SEA ISLANDS																												
AMINI	29.6	+0.2	30.8	31	25.6	+0.1	23.6	02	7.4	49.2	-168.0	11.9	16	6	- 6.3	33.6	34.1	+1.2	5	14	0	0	0	0	0	0	0	0
AGATTI	29.2	..	29.6	31	..	..	..	..	4.2	53.4	..	13.2	15	7	..	22.5	22.5	..	0	15	0	0	1	0	0	0	0	0
ANDROTH	30.3	..	30.5	20	25.1	..	23.7	04	51.2	114.8	..	22.4	03	13	..	6.8	6.1	..	0	17	0	0	0	0	0	0	0	0
MINICOY	29.6	+0.2	30.5	29	23.9	-1.2	22.0	10	31.3	149.8	- 59.5	21.0	10	14	+ 1.6	17.5	16.3	+1.4	3	21	0	0	1	0	0	0	0	0
HILL STATIONS (EXCLUDING KASHMIR)																												
DALHOUSIE	23.4	+0.7	26.4	10	16.4	-0.1	11.2	25	234.1	460.2	-140.3	9.9	01	14	- 7.7	..	..	..	0	18	..	..	..	..	..	.	..	.
DHARMASALA	27.0	+0.7	29.3	05	19.3	-1.2	17.9	26	300.0	650.8	-385.4	129.0	01	17	- 6.7	2.6	1.6	-2.0	1	21	0	0	7	0	0	0	0	0
BHUNTAR	31.3	..	35.0	05	19.6	..	16.5	31	32.4	76.8	..	16.4	08	6	..	13.0	7.4	..	0	12	0	0	9	0	0	0	0	0
SIMLA	20.9	+0.8	23.6	26	14.4	-0.8	12.4	22	117.4	180.5	-238.6	36.6	07	11	- 9.0	3.2	2.9	+0.5	1	18	0	0	0	0	0	0	0	0
DHARMPUR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
GHANGARIA (KANJALIA TOK)	18.7	+9.5	21.7	12	10.1	+5.1	2.8	29	..	148.8	-292.0	26.4	24	12	-12.5	..	..	..	0	19	..	..	..	..	..	.	..	.
BADRINATH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
JOSHIMATH	25.1	+0.9	27.6	07	16.3	-1.0	13.6	25	11.4	142.0	-140.9	22.2	19	14	- 5.8	5.1	3.0	-0.7	0	17	0	0	0	12	0	0	0	0
MUSSOORIE	20.3	+0.1	22.1	17	13.8	-1.8	12.2	22	208.2	384.7	-433.5	52.0	14	21	- 2.9	7.8	5.6	+0.9	0	23	0	0	1	0	0	0	0	0
MUKTESWAR (KUMAUN)	20.9	+0.8	24.2	27	13.6	-0.9	12.1	28	100.0	172.4	-133.9	34.0	21	13	- 4.8	..	..	..	1	21	0	0	9	0	0	0	0	0
NAINITAL	21.5	+0.4	23.6	06	16.2	-0.2	14.8	25	176.0	317.2	-243.5	58.0	21	16	- 6.9	8.2	6.0	-1.0	1	21	0	0	0	0	0	0	0	0
KALIMPONG	26.7	+2.4	28.4	26	20.8	+1.5	16.2	28	74.1	482.4	- 22.0	72.5	21	21	- 0.5	7.0	5.6	-1.9	0	26	0	0	0	0	0	0	0	0
DARJEELING	20.8	+1.0	23.3	17	14.0	-1.4	12.4	05	212.8	504.3	-139.1	56.0	27	23	- 0.8	2.6	1.9	-0.2	0	27	0	0	0	19	0	0	0	0
KOHIMA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SHILLONGIC.S.O.)	24.6	-0.1	27.8	19	17.5	-1.0	15.9	30	151.6	286.7	- 56.0	56.7	27	22	+ 3.0	4.9	3.7	+0.5	1	27	0	0	4	4	0	0	0	0
CHERRAPUNJI	24.1	+1.6	25.3	20	18.0	-0.4	17.0	28	249.1	1187.3	-613.0	209.5	27	26	- 0.1	6.5	6.5	-2.0	0	27	0	0	0	30	0	0	0	0
ABU	22.2	-0.3	25.8	18	16.9	-1.4	15.0	28	170.8	673.0	+ 20.0	319.8	02	9	- 8.6	14.5	10.2	-0.9	1	14	0	0	0	7	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - AUGUST ,1968 (10 SRAVANA - 9 BHADRA ,1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation: 0.1 & 0.2 mm.	0.3 mm. or more	Haze or dust	Mist	Thunder heard	Fog	Duststorm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
HILL STATIONS (EXCLUDING KASHMIR)																												
AIJAL	26.8	+1.6	29.2	12	18.5	-0.5	16.6	17	131.9	446.5	+132.8	68.0	16	25	+ 4.8	..	..	..	0	29	0	0	0	0	0	0	0	0
PACHMARHI	22.8	-1.0	25.2	08	19.1	-0.5	18.2	06	309.2	875.4	+231.5	296.0	05	19	- 3.0	8.5	10.1	+1.8	0	25	0	0	1	0	0	4	0	0
MAHABALESHWAR	18.5	-0.4	19.6	29	16.4	+0.1	15.2	31	530.4	1268.4	-495.9	153.3	07	29	- 0.6	22.3	21.5	+4.2	0	31	0	0	0	31	0	0	0	0
MERCARA	20.8	+0.1	24.4	31	13.3	-3.8	9.5	13	167.8	555.6	-127.1	58.2	15	25	- 1.6	18.3	17.7	+2.7	0	26	0	0	0	14	0	0	0	0
OOTACAMUND	17.5	+0.2	19.3	09	10.1	-0.8	8.0	22	59.6	66.8	- 80.3	24.0	28	6	- 6.9	16.6	9.0	+0.1	1	15	0	0	0	0	0	0	0	0
COONOOR	22.8	+1.3	24.8	10	12.4	-2.2	9.6	31	..	84.2	- 9.7	21.2	31	6	- 2.3	..	..	..	1	8	0	0	0	0	0	0	0	0
KODAIKANAL	18.9	+1.4	20.5	02	11.5	0.0	10.4	22	97.2	88.9	- 88.1	28.6	28	7	- 5.0	9.9	12.0	-1.8	2	14	0	0	2	0	0	0	0	0
MANALI	25.4	..	28.0	05	14.3	..	10.5	30	38.5	183.7	..	40.0	06	15	..	..	..	..	0	19	..	..	..	..	..	.	..	.
NEPAL																												
KATMANDU	28.4	-0.1	31.0	13	19.8	-0.3	18.1	15	64.3	279.2	-116.5	47.2	07	22	+ 1.1	2.2	1.1	-0.4	1	28	0	0	10	0	0	0	0	0
SIKKIM																												
LACHEN	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
HYDROMETEOROLOGICAL OBSERVATORIES																												
DAMODAR CATCHMENT																												
TILAIYA	30.3	..	32.0	08	24.4	..	22.7	24	125.8	281.1	..	67.9	02	14	..	10.6	7.8	..	0	21	0	0	0	0	0	0	0	0
HAZARIBAGH	28.5	..	30.6	19	22.0	..	20.7	24	80.7	238.5	..	53.7	24	16	..	7.2	4.7	..	1	19	0	0	12	0	0	0	0	0
KONAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
BOKARO	32.1	..	35.0	31	25.6	..	23.7	04	249.9	443.0	..	72.3	12	16	..	7.7	6.1	..	0	21	0	0	0	0	0	0	0	0
MAITHON	32.8	..	35.9	31	23.8	..	22.2	21	197.9	346.9	..	67.6	09	17	..	..	..	..	2	21	0	0	23	0	0	0	0	0
RANGARH	31.2	..	33.6	30	23.5	..	22.2	24	108.6	278.7	..	32.5	04	17	..	5.7	3.8	..	0	23	0	0	2	0	0	0	0	0
PANCHET HILLS	31.8	..	34.7	31	25.6	..	24.1	21	237.7	482.6	..	78.2	01	18	..	4.9	3.5	..	1	20	0	0	4	0	0	0	0	0
DURGAPUR	32.1	..	35.0	16	24.6	..	23.2	05	206.7	437.6	..	72.0	24	18	..	17.5	15.9	..	0	24	0	0	0	0	0	0	0	0
MAHANADI CATCHMENT																												
GINABAHAR	29.7	..	33.3	31	22.8	..	21.5	31	..	369.5	..	72.4	12	16	..	..	..	..	1	22	0	0	2	0	0	0	0	0
HIRAKUD	31.0	..	36.2	31	25.0	..	23.7	05	42.7	523.0	..	114.4	12	14	..	6.4	4.6	..	1	20	0	0	5	0	0	0	0	0
BHIMKUND	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SONEPUR	30.6	..	34.0	31	24.8	..	22.6	10	350.8	55.2	.	..	..	1	..	30.0	20.0	..	0	0	0	0	0	0	0	0	0	0
KHIJRAWAN	28.9	..	31.5	30	23.3	..	21.6	14	42.7	96.1	..	18.2	04	9	..	14.2	10.4	..	1	16	0	0	5	0	0	0	0	0
NARMADA CATCHMENT																												
BAGRA TAWA	28.3	..	31.8	30	21.8	..	20.5	28	163.3	446.2	..	91.0	05	16	..	12.7	9.7	..	0	22	0	0	1	0	0	0	0	0
PUNASA	29.4	..	32.6	03	..	..	..	..	0.0	75.8	..	12.0	03	10	..	..	..	..	0	12	0	0	0	0	0	0	0	0
THIKRI	30.6	..	36.1	31	19.7	..	17.2	18	..	322.7	..	117.4	05	8	..	..	..	..	2	10	0	0	0	0	0	0	0	0
SABARMATI CATCHMENT																												
DAROI	30.9	..	34.0	06	24.3	..	22.4	31	74.6	307.3	..	172.0	01	5	..	..	..	..	1	9	0	0	0	0	0	0	0	0
GANDAK CATCHMENT																												
JAMDOSH	25.0	..	27.0	14	13.2	..	10.1	31	1.0	28.7	..	7.2	21	4	..	..	..	..	.	..	..	..	..	..	..	.	..	.
KHUDI BAZAR	28.9	..	31.2	04	21.2	..	20.1	29	135.4	550.4	..	48.8	18	26	..	..	..	..	1	29	..	..	..	..	..	.	..	.
TIMURE	25.9	..	28.3	17	17.2	..	15.4	31	9.6	274.5	..	47.0	20	25	..	..	..	..	0	27	..	..	..	..	..	.	..	.
POKHARA	29.4	..	31.1	04	22.2	..	21.1	18	101.9	429.9	..	65.0	22	21	..	5.5	3.5	..	1	26	0	0	12	0	0	0	0	0
GORKHA	28.1	..	30.1	17	19.5	..	17.6	15	58.0	244.1	..	36.6	10	16	..	..	..	..	2	23	0	0	12	23	0	0	0	0
MUNAKOT	..	..	..	..	18.7	..	15.0	06	0.0	217.4	..	25.0	24	18	..	..	..	..	0	18	..	..	..	..	..	.	..	.
GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)																												
DAILEKH	25.6	..	27.7	17	19.4	..	17.4	31	135.4	534.6	..	113.8	29	22	..	..	..	..	0	27	..	..	..	..	..	.	..	.
GHAGHARA CATCHMENT																												
SALLYANA	26.1	..	27.9	17	18.7	..	17.5	15	54.1	187.5	..	43.0	10	13	..	..	..	..	.	..	..	..	..	..	..	.	..	.
BUTWAL	32.1	..	34.7	04	25.3	..	23.4	21	264.8	478.4	..	74.2	22	16	..	..	..	..	0	21	..	..	..	..	..	.	..	.
BAGHMATI CATCHMENT																												
KATMANDU	SEE UNDER NEPAL				..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - AUGUST ,1968 (10 SRAVANA - 9 BHADRA ,1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena- No. of days with									
																			Precipitation									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	0.1 & 0.2 mm.	2.5 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Life Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
KOSI CATCHMENT																												
CHAUTARA	..	..	..	..	37.0	..	90.0	00	57.9	6.1	..	272.6	..	..	..	.0	2.7	..	.	..	..	..	..	..	..	.	..	.
WALUNGCHUNG GOLA	..	..	..	..	9.4	..	8.4	18	102.2	346.5	..	30.1	22	22	..	..	..	..	0	29	..	..	..	..	..	.	..	.
TAPLETHOK	28.3	..	30.9	07	18.1	..	16.8	24	158.5	715.2	..	56.2	22	28	..	..	..	..	0	29	..	..	..	..	..	.	..	.
BHOJPUR	23.8	..	26.5	17	18.4	..	17.3	17	2450.2	270.0	..	461.8	10	..	..	.	0.0	..	.	..	..	..	..	..	..	.	..	.
TAPLEJUNG	25.0	..	26.3	04	17.3	..	15.7	24	33.1	346.2	..	42.0	17	24	..	5.2	3.1	..	0	28	0	0	1	6	0	0	0	0
DKHALDHUNGA	24.7	..	27.8	17	16.9	..	15.7	27	210.3	527.1	..	78.6	09	25	..	1.4	1.1	..	3	26	0	0	10	23	0	0	0	0
CHAINPUR	28.0	..	30.7	03	20.0	..	18.6	17	56.3	275.5	..	58.8	18	19	..	..	..	..	0	23	..	..	..	..	..	.	..	.
BARAHAKSHETRA	30.9	..	33.6	05	24.4	..	23.3	27	510.9	698.8	..	125.5	17	22	..	5.6	2.9	..	2	27	0	0	6	0	0	0	0	0
TISTA CATCHMENT																												
GANGTOK	24.9	..	27.7	17	16.6	..	15.2	05	141.7	582.1	..	89.2	21	25	..	4.3	3.1	..	0	31	0	0	5	23	0	0	0	0
GEZING	27.1	..	29.7	17	18.0	..	16.5	05	62.5	486.4	..	103.2	21	21	..	..	..	..	0	28	..	..	..	..	..	.	..	.

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST ,1968 (10 SRAVANA - 9 BHADRA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry bulb	Mean temperature in °C Wet bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BAY ISLANDS																											
NOVA BANDAR	0830	28	1007.6	1004.5	-0.3	27.6	26.1	25.5	32.6	88	+2	5.5	-0.8	16.0	0	10	21	00	0	0	0	0	16	15	0	0	0
	1730	28	1005.7	1002.6	-0.2	27.7	26.2	25.5	32.6	88	+0	6.9	+0.4	20.3	0	18	13	00	0	0	0	0	17	14	0	0	0
LONG ISLAND	0830	25	1008.6	1005.7	+0.4	28.2	26.0	25.1	31.9	83	-2	7.1	+0.7	2.8	0	0	30	00	0	0	0	0	30	0	0	1	0
	1730	25	1007.0	1004.0	+0.7	27.9	25.6	24.6	30.9	82	-4	7.3	+0.7	3.1	0	0	29	00	0	0	0	0	29	0	0	2	0
PORT BLAIR	0530	79	1007.5	998.5	..	25.9	24.4	23.7	29.3	88	..	7.0	..	19.7	0	22	9	00	0	0	0	0	29	2	0	0	0
	0830	79	1008.6	999.7	+0.2	27.5	25.4	26.5	30.7	83	-1	6.8	-0.2	23.5	0	26	5	00	0	0	0	1	29	1	0	0	0
	1130	79	1007.8	998.9	..	28.7	25.6	24.3	30.4	77	..	6.7	..	30.2	0	28	3	00	0	0	0	0	28	3	0	0	0
	1430	79	1006.2	997.3	..	28.4	25.4	24.1	30.0	78	..	6.8	..	28.8	0	27	4	00	0	0	0	1	27	2	1	0	0
	1730	79	1006.6	997.7	+0.4	27.1	25.0	24.1	30.0	84	-4	6.9	-1.0	20.5	0	19	12	00	0	0	0	0	30	1	0	0	0
	2030	79	1008.4	999.5	..	26.5	24.9	24.2	30.2	87	..	4.9	..	18.4	0	15	16	00	0	0	0	1	28	1	1	0	0
	2330	79	1008.2	999.3	..	26.2	24.7	24.1	30.0	87	..	5.5	..	20.1	0	20	11	00	0	0	0	0	26	5	0	0	0
CAR NICOBAR	0830	10	1009.5	1008.3	+0.5	28.7	25.7	24.4	30.6	79	-4	6.4	+0.0	6.8	0	0	29	00	0	0	0	0	28	1	0	2	0
	1730	10	1007.4	1006.3	+0.5	27.6	25.1	23.9	29.6	81	-5	6.7	+0.4	4.1	0	0	29	00	0	0	0	0	28	1	0	2	0
NAN COWRY	0830	26	1010.5	1007.3	+0.5	27.7	25.9	25.1	31.9	86	+4	5.0	-1.2	13.0	0	2	29	00	0	0	1	0	27	2	1	0	0
	1730	26	1008.5	1005.6	+0.9	27.2	25.6	24.9	32.8	88	+4	5.8	-0.3	12.3	0	1	30	00	0	0	0	0	29	1	1	0	0
KONDUL	0830	8	1011.0	1010.1	+1.3	27.9	25.6	24.6	30.9	82	-1	6.7	+0.4	12.2	0	6	21	00	0	0	0	0	27	0	0	4	0
	1730	8	1009.2	1008.3	+1.6	27.4	25.2	24.2	30.2	83	-3	6.9	+0.4	10.2	0	6	17	00	0	0	0	0	23	0	0	8	0
NORTH ASSAM(INCLUDING NEFA)																											
PASIGHAT	0830	157	1002.8	985.3	-1.0	27.3	25.1	24.1	30.0	84	-2	6.5	-0.3	2.1	0	0	18	00	0	2	0	1	2	1	12	13	0
	1730	157	998.4	981.1	-1.2	29.8	26.7	25.5	32.6	78	-4	4.4	-0.8	1.0	0	0	10	00	2	0	1	1	1	0	5	21	0
DIBRUGARH(MOHANBARI)	0230	111	1000.7	988.2	..	26.2	25.4	25.1	31.9	93	..	6.3	..	3.4	0	0	16	02	9	4	0	0	1	0	0	15	0
	0530	111	1001.6	989.2	..	25.5	24.8	24.5	30.7	95	..	7.3	..	3.0	0	0	14	00	5	2	2	1	1	2	1	17	0
	0830	111	1002.9	990.5	-0.7	27.1	25.5	24.8	31.3	85	-1	7.1	+0.0	5.3	0	0	29	02	12	6	4	3	1	1	0	2	0
	1130	111	1001.7	989.3	..	29.1	26.4	25.3	32.2	80	..	6.8	..	4.7	0	0	28	03	10	1	1	2	2	6	3	3	0
	1430	111	998.8	986.5	..	30.7	26.9	25.3	32.2	73	..	6.1	..	4.3	0	0	23	05	7	1	1	1	3	1	4	8	0
	1730	111	998.2	985.9	-1.1	30.1	26.6	25.1	31.9	75	-4	5.2	-0.1	2.2	0	0	17	04	6	0	1	2	2	0	2	14	0
	2030	111	1000.8	988.5	..	27.9	26.4	25.7	33.0	88	..	4.2	..	1.5	0	C	7	01	2	3	0	0	0	1	0	24	0
	2330	111	1001.3	988.9	..	26.7	25.7	25.3	32.2	93	..	5.5	..	1.9	0	0	10	00	6	3	0	0	0	1	0	21	0
DIGBOI	0830	152	1003.1	986.0	-1.7	27.5	26.1	25.5	32.6	88	+1	6.5	-0.1	2.2	0	0	28	00	3	9	3	1	3	9	0	0	0
	1730	152	998.8	982.0	-1.9	30.3	27.2	25.9	33.4	79	+2	4.0	-1.9	2.0	0	0	24	03	3	6	1	4	1	5	1	4	0
NORTH LAKHIMPUR	0830	102	1002.8	991.4	-0.9	27.7	26.1	25.4	32.4	88	-2	6.9	-0.2	6.5	0	0	30	04	10	3	1	9	2	1	0	1	0
	1130	102	1001.8	990.5	..	29.6	26.7	25.5	32.6	80	..	6.3	..	6.9	0	0	28	04	8	3	2	6	3	2	0	3	0
	1430	102	999.2	987.9	..	31.2	27.4	25.9	33.4	74	..	5.3	..	6.3	0	1	28	01	9	6	3	7	2	1	0	2	0
	1730	102	998.7	987.4	-0.8	29.8	27.4	26.5	34.6	83	-1	5.0	-0.5	4.4	0	0	24	05	8	1	3	4	2	1	0	7	0
	2030	102	1001.0	989.6	..	27.8	26.8	26.4	34.4	92	..	4.3	..	1.9	0	0	9	03	1	0	0	2	1	0	2	22	0
SIBSAGAR	0830	97	(R)																								
	1730	97	(R)																								
GOHPUR	0830	83	1002.5	993.3	..	27.7	26.3	25.7	33.0	89	-2	6.7	..	2.5	0	0	25	00	3	7	0	1	2	3	1	6	8
	1730	83	998.6	989.4	..	29.8	27.0	25.9	33.4	80	-5	4.8	..	1.7	0	0	20	00	2	1	0	0	0	5	0	11	12
MAJBAT	0830		..	..	..	29.0	26.4	25.3	32.2	81	..	2.4	-4.3	1.3	0	0	10	00	7	0	1	0	2	0	0	21	0
	1730		..	..	..	31.2	27.5	26.1	33.8	75	..	1.6	-3.8	0.9	0	0	10	00	0	0	8	0	2	0	0	21	0
JORHAT AERODROME	0530	90	1001.4	991.0	..	25.9	25.3	25.0	31.7	96	..	7.0	..	3.9	0	0	12	00	2	1	0	3	6	0	0	19	0
	0830	90	1002.6	992.3	..	28.1	26.3	25.5	32.6	86	..	7.0	..	7.1	0	0	22	02	3	1	1	3	10	1	1	9	0
	1130	90	1001.3	991.1	..	30.2	26.7	25.3	32.2	77	..	6.3	..	8.6	0	1	26	04	9	1	0	1	8	3	1	4	0
	1730	90	998.2	987.9	..	30.4	27.1	25.7	33.0	77	..	5.1	..	4.5	0	0	15	01	3	0	0	0	3	6	2	16	0
	2330	90	1001.2	990.9	..	27.8	26.6	26.1	33.8	91	..	5.6	..	2.6	0	0	9	01	2	1	1	1	3	0	0	22	0
TANGLA	0830	78	1001.3	992.6	-1.3	28.8	26.5	25.5	32.6	83	-2	5.6	+0.1	3.6	0	0	27	01	1	15	0	4	1	5	0	4	0
	1730	78	997.3	988.8	-1.5	31.1	27.5	26.1	33.8	77	-4	3.6	-1.1	1.9	0	0	15	00	0	9	0	0	0	6	0	16	0
TEZPUR	0830	79	1002.6	993.8	-1.5	27.5	26.0	25.3	32.2	89	+3	6.8	+0.4	3.0	0	0	21	00	13	0	0	0	8	0	0	10	0
	1730	79	998.0	989.3	-1.9	30.1	27.5	26.5	34.6	81	+0	3.5	-1.4	1.5	0	0	16	00	12	0	1	0	3	0	0	15	0
GOLAGHAT	0830	95	1001.9	991.2	-1.8	27.9	26.0	25.2	32.1	85	-1	4.8	-1.9	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	95	997.7	987.1	-2.1	30.9	27.2	25.7	33.0	74	-4	4.3	-1.1	..	.	..	..	..	..	..	..	..	..	..	..	..	..
RANGIA	0830	60	1003.4	996.6	..	29.7	27.3	26.3	34.2	83	+0	6.6	..	4.2	0	0	27	00	1	14	0	0	1	9	2	3	0
	1730	60	999.8	993.1	..	31.0	27.9	26.7	35.0	79	+1	4.7	..	3.7	0	0	24	01	0	10	1	1	0	11	0	4	0
CHAPARMUKH	0830	66	1003.2	995.9	-0.5	29.2	26.8	25.7	33.0	82	-3	5.3	-1.1	4.1	0	0	25	00	2	9	13	0	0	0	1	2	0
	1730	66	1000.3	993.0	+0.5	30.2	27.4	26.3	34.2	80	-4	4.7	-1.1	1.8	0	0	11	03	3	0	2	0	1	1	1	10	0
GOALPARA	0830	38	1002.0	997.7	-0.9	28.2	26.8	26.2	34.0	88	+2	6.5	-0.2	2.1	0	0	31	04	5	8	2	2	2	8	0	0	0
	1730	38	998.4	994.1	-0.9	30.8	28.1	27.1	35.9	82	+2	6.0	-0.1	1.9	0	0	30	03	1	7	3	4	1	11	0	1	0
GAUHATI(BHORJOR)	0230	54	1000.3	994.2	..	26.7	25.9	25.6	32.8	93	..	6.2	..	1.8	0	0	10	00	1	1	0	5	2	0	1	21	0
	0530	54	1000.7	994.6	..	26.5	25.8	25.5	32.6	94	..	6.9	..	0.9	0	0	7	00	0	0	0	6	1	0	0	24	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – AUGUST ,1968 (10 SRAVANA - 9 BHADRA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	30 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
NORTH ASSAM (INCLUDING NEFA) (CONT																											
GAUHATI (BHORJOR)	0830	54	1002.0	995.9	-1.5	29.1	26.7	25.7	33.0	82	- 3	6.6	+0.0	4.3	0	0	22	06	6	2	0	1	1	4	1	9	1
	1130	54	1001.0	995.0	..	31.0	27.4	26.0	33.6	75	..	6.2	..	6.8	0	0	26	09	8	1	0	0	0	2	6	5	0
	1430	54	998.5	992.5	..	31.2	27.3	25.7	33.0	73	..	5.9	..	8.4	0	1	25	06	4	1	1	1	5	4	4	5	0
	1730	54	998.4	992.3	-1.5	29.8	26.9	25.7	33.0	78	- 4	6.2	+0.0	6.5	0	0	23	03	3	1	0	3	7	5	1	8	0
	2030	54	1000.9	994.8	..	28.3	26.8	26.2	34.0	89	..	5.6	..	3.3	0	0	15	01	1	2	0	5	3	3	0	16	0
	2330	54	1001.3	995.2	..	27.4	26.3	25.9	33.4	91	..	6.3	..	2.8	0	0	11	01	1	1	0	5	2	0	1	20	0
DHUBRI (RUPSI)	0530	45	1000.6	995.5	..	26.0	25.5	25.3	32.2	96	..	6.6	..	3.3	0	0	19	02	7	3	2	1	3	1	0	12	0
	0830	45	1001.7	996.6	-0.7	28.5	26.5	25.7	33.0	85	- 1	6.6	-0.1	6.8	0	0	30	00	6	7	5	3	8	0	1	1	0
	1130	45	1001.0	996.0	..	30.3	27.1	25.8	33.2	78	..	6.4	..	8.3	0	0	31	00	2	8	7	3	7	3	1	0	0
	1730	45	998.1	993.1	-0.6	30.0	27.4	26.4	34.4	81	- 2	5.9	-0.3	4.8	0	0	25	00	0	4	4	8	6	3	0	6	0
DHUBRI	0830	35	..	..	..	28.5	26.5	25.7	33.0	86	+ 0	6.1	+0.3	5.1	0	2	26	03	6	10	3	2	4	0	0	3	0
	1730	35	..	..	..	29.6	26.7	25.5	32.6	82	- 3	5.8	+0.0	1.5	0	0	13	00	2	6	0	3	2	0	0	18	0
LUMDING	0830	149	1003.0	986.4	..	27.7	25.7	24.8	31.3	84	+ 2	6.0	..	0.8	0	0	8	00	0	5	0	2	1	0	0	23	0
	1730	149	999.5	983.1	..	30.7	26.5	24.7	31.1	71	..	4.6	..	1.2	0	0	15	02	1	6	0	5	0	1	0	16	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																											
TURA	0830	370	1003.9	961.9	-1.3	25.9	24.4	23.7	29.3	87	- 2	7.3	+0.2	3.6	0	0	25	01	1	2	3	4	4	8	2	6	0
	1730	370	1000.5	958.9	-1.0	27.5	25.3	24.3	30.4	84	- 3	7.5	+0.2	4.0	0	0	28	02	0	4	2	4	9	5	2	3	0
HAFLONG	0830	682	1004.7	929.9	+0.9	23.9	22.6	22.1	26.6	89	+ 1	5.9	-0.3	3.5	0	0	31	00	0	0	0	12	19	0	0	0	0
	1730	682	1001.4	927.1	+1.4	25.7	23.6	22.7	27.6	85	+ 3	4.9	-0.9	2.9	0	0	28	00	1	0	0	0	27	0	0	3	0
SILCHAR (KUMBHIRGRAM)	0530	97	1000.7	989.7	..	24.7	24.3	24.1	30.0	96	..	7.7	..	3.1	0	0	14	00	2	10	1	1	0	0	0	17	0
	0830	97	1001.7	990.9	-1.2	26.7	25.3	24.7	31.1	88	+ 1	7.5	+0.7	4.3	0	0	20	00	1	16	1	0	1	1	0	11	0
	1130	97	1000.8	990.1	..	29.3	26.1	24.7	31.1	78	..	7.2	..	5.2	0	0	27	00	3	9	1	2	1	11	0	4	0
	1730	97	998.1	987.3	-1.1	28.7	26.3	25.3	32.2	82	+ 1	6.8	+0.8	5.4	0	1	22	00	0	3	1	2	5	12	0	8	0
SILCHAR	0830	29	1002.8	999.5	-1.6	27.0	25.7	25.1	31.9	89	+ 3	6.5	-0.2	0.1	0	0	2	00	1	0	0	1	0	0	0	29	0
	1730	29	999.1	995.8	-1.4	29.4	26.5	25.3	32.2	79	- 2	6.1	+0.0	0.5	0	0	8	00	0	0	1	2	2	2	1	23	0
IMPHAL (TULIHAL)	0530	781	1003.2	918.0	..	22.5	21.8	21.5	25.6	94	..	7.2	..	0.8	0	0	3	00	0	1	2	0	0	0	0	28	0
	0830	781	1003.9	919.1	-0.7	24.7	22.5	21.5	25.6	83	+ 1	7.2	+0.4	1.5	0	0	5	00	0	0	2	2	0	0	1	26	0
	1130	781	1002.3	918.4	..	27.1	23.5	21.9	26.3	74	..	6.8	..	6.2	0	1	16	00	0	1	2	9	2	1	2	14	0
	1430	781	999.6	916.1	..	28.0	23.6	21.7	25.9	69	..	6.2	..	5.4	0	3	9	00	0	1	1	3	3	0	4	19	0
	1730	781	999.9	915.9	+1.1	25.9	22.9	21.5	25.6	77	- 2	6.6	+0.3	6.1	0	0	19	01	0	2	5	2	2	1	6	12	0
	2030	781	1002.8	918.2	..	24.3	22.5	21.7	25.9	85	..	5.9	..	2.3	0	0	8	00	1	0	2	0	1	2	2	23	0
	2330	781	1003.4	918.5	..	23.6	22.3	21.7	25.9	89	..	6.0	..	1.0	0	0	5	00	2	0	0	0	2	1	0	26	0
KAILASHAHAR	0530	29	1002.6	999.3	..	25.5	24.9	24.6	30.9	95	..	6.8	..	4.6	0	0	25	00	2	6	4	10	3	0	0	6	0
	0830	29	1003.6	1000.3	-0.7	27.8	26.0	25.2	32.1	86	+ 3	6.6	-0.2	6.9	0	0	29	00	1	8	10	8	2	0	0	2	0
	1130	29	1002.4	999.2	..	30.3	27.0	25.7	33.0	76	..	6.7	..	8.8	0	1	29	01	3	6	4	9	4	2	1	1	0
	1730	29	1000.0	996.8	-0.6	28.9	26.7	25.8	33.2	84	+ 0	6.6	-0.2	6.6	0	0	24	00	1	2	6	9	4	1	1	7	0
AGARTALA	0230	16	1000.3	998.5	..	25.5	24.8	24.5	30.7	94	..	6.0	..	10.3	0	0	29	00	1	3	19	6	0	0	0	2	0
	0530	16	1000.5	998.7	..	25.4	24.7	24.3	30.4	94	..	6.6	..	10.1	0	0	28	00	2	5	16	5	0	0	0	3	0
	0830	16	1001.8	1000.0	-1.2	28.0	26.0	25.2	32.1	84	+ 0	6.9	+0.0	15.3	0	6	24	00	0	3	18	8	1	0	0	1	0
	1130	16	1001.0	999.2	..	30.1	26.9	25.6	32.8	77	..	6.8	..	15.5	0	8	22	00	0	0	11	14	2	1	2	1	0
	1430	16	998.8	997.0	..	30.4	26.9	25.5	32.6	76	..	6.6	..	14.3	0	7	23	01	0	2	8	12	4	0	3	1	0
	1730	16	998.6	996.8	-1.1	28.6	26.5	25.7	33.0	84	- 1	6.4	-0.5	10.2	0	2	26	01	2	0	5	15	4	0	1	3	0
	2030	16	1001.1	999.3	..	26.8	25.7	25.3	32.2	91	..	6.3	..	8.6	0	0	25	00	0	3	12	8	1	1	0	6	0
	2330	16	1001.4	999.6	..	26.0	25.2	24.9	31.5	93	..	6.3	..	10.3	0	1	27	00	0	1	19	7	0	1	0	3	0
SUB-HIMALAYAN WEST BENGAL																											
BAGHDOGRA	0230	131	1000.2	985.5	..	25.6	24.5	24.0	29.8	91	..	6.7	..	7.8	0	0	25	02	16	5	2	0	0	0	0	6	0
	0530	131	1000.2	985.5	..	25.6	24.7	24.3	30.4	93	..	6.7	..	7.4	0	0	23	03	13	5	1	0	1	0	0	8	0
	0830	131	1001.5	986.8	-1.0	28.1	26.1	25.3	32.2	85	+ 0	6.9	+0.1	12.6	0	1	27	00	13	12	1	0	2	0	0	3	0
	1130	131	1000.8	986.3	..	30.7	27.2	25.7	33.0	75	..	6.7	..	14.5	0	0	31	00	2	18	8	2	1	0	0	0	0
	1430	131	998.4	984.0	..	31.5	27.7	26.2	34.0	75	..	6.6	..	13.7	0	2	29	01	2	9	11	5	3	0	0	0	0
	1730	131	998.1	983.6	-1.2	29.3	26.7	25.6	32.8	81	+ 1	6.8	+0.5	12.1	0	1	29	01	9	10	3	0	0	4	3	1	0
	2030	131	1000.4	985.7	..	27.3	25.7	25.0	31.7	87	..	6.3	..	9.4	0	0	28	07	7	7	1	1	3	1	1	3	0
	2330	131	1001.0	986.3	..	26.2	24.9	24.4	30.5	90	..	6.4	..	8.2	0	0	25	07	11	4	1	0	0	0	2	6	0
JALPAIGURI	0830	83	1001.7	992.5	-1.2	26.9	25.5	24.9	31.5	89	+ 2	6.0	+0.6	3.8	0	0	29	06	8	6	5	1	3	0	0	2	0
	1730	83	998.0	988.9	-1.4	29.4	26.8	25.7	33.0	81	+ 0	4.9	-0.4	2.4	0	0	20	03	2	10	2	0	2	1	0	11	0
COOCH BEHAR AERODROME	0830	43	1002.1	997.3	-0.4	28.4	26.6	25.9	33.4	87	+ 3	6.3	-0.3	6.6	0	0	25	00	2	14	2	3	1	2	0	6	1
	1130	43	1001.4	996.6	..	30.3	27.3	26.1	33.9	79	..	6.3	..	10.2	0	5	26	01	3	12	4	7	2	0	1	0	1
	1730	43	998.6	993.8	-0.6	30.1	27.3	26.2	34.0	80	- 1	5.5	-0.3	3.2	0	0	14	01	1	6	1	2	0	3	0	17	0
BALURGHAT	0830	26	1001.2	998.3	..	28.9	26.8	25.9	33.4	85	..	5.1	..	4.9	0	0	27	00	0	20	1	1	5	0	0	4	0
	1730	26	998.3	995.4	..	29.9	27.2	26.1	33.8	81	..	5.0	..	3.3	0	0	27	00	0	6	10	4	4	3	0	4	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST ,1968 (10 SRAVANA - 9 BHADRA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or M. in gms. of mean standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Doubtful
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SUB HIMALAYAN WEST BENGAL(CONTD.)																											
MALDA	0830	31	1001.2	997.7	-0.9	29.2	26.7	25.7	33.0	82	- 2	5.2	-1.5	2.7	0	0	24	01	2	6	4	2	2	4	1	7	2
	1730	31	998.1	994.6	-0.8	30.0	26.9	25.7	33.0	78	- 3	5.3	-1.0	2.3	0	0	24	01	2	5	7	3	1	4	1	7	0
GANGETIC WEST BENGAL																											
BERHAMPORE	0830	19	1001.0	998.9	-0.8	28.8	27.1	26.5	34.6	88	+ 4	6.4	-0.5	3.7	0	0	27	01	1	15	0	6	1	2	1	4	0
	1730	19	998.1	996.0	-0.6	29.1	27.3	26.5	34.6	86	+ 4	6.5	+0.2	2.3	0	0	23	02	1	16	0	2	0	2	0	8	0
SURI	0830		..	..	..	29.2	26.6	25.5	32.6	81	- 3	6.1	-0.6	4.5	0	0	31	06	1	6	1	9	2	6	0	0	0
ASANSOL	0230	126	999.4	985.3	..	26.4	25.5	25.1	31.9	93	..	5.9	..	3.3	0	0	16	01	2	2	1	3	2	2	3	15	0
	0530	126	999.7	986.6	..	26.1	25.4	25.1	31.9	93	..	6.7	..	3.0	0	0	16	00	1	5	2	1	1	2	4	15	0
	0830	126	1000.9	986.9	-0.4	28.7	26.5	25.6	32.8	84	- 2	6.5	-0.5	5.2	0	0	24	02	3	5	2	1	1	7	3	7	0
	1130	126	1000.3	986.4	..	31.2	27.2	25.6	32.8	73	..	6.2	..	5.9	0	0	28	04	3	5	4	1	1	3	7	3	0
	1430	126	998.3	984.4	..	30.7	26.9	25.3	32.2	74	..	6.3	..	7.2	0	0	29	03	2	6	5	2	0	2	9	2	0
	1730	126	998.0	984.0	-0.2	28.4	26.7	25.5	32.6	81	- 2	6.5	-0.5	3.5	0	0	18	01	2	2	5	3	1	2	2	13	0
	2030	126	1000.3	986.2	..	27.4	25.9	25.3	32.2	88	..	5.4	..	3.6	0	0	16	00	2	2	4	3	3	0	2	15	0
	2330	126	1000.7	986.6	..	26.8	25.7	25.3	32.2	91	..	5.7	..	3.9	0	0	18	00	0	2	2	3	5	3	3	13	0
SHANTI NIKETAN	0830	59	1001.4	994.9	..	28.7	26.8	26.1	33.8	86	..	5.7	..	4.6	0	2	28	02	3	11	2	2	4	5	1	1	0
	1130	59	1001.5	994.9	..	30.3	26.0	24.1	30.0	71	..	5.6	..	4.3	0	0	29	02	3	10	2	2	4	5	1	2	0
	1730	59	998.3	991.7	..	28.8	26.6	25.7	33.0	82	..	6.7	..	3.3	0	0	17	00	1	4	6	2	0	2	2	14	0
KRISHNANAGAR	0830	15	1000.9	999.3	-1.1	29.2	27.0	26.1	33.8	84	- 2	4.2	-2.5	1.4	0	0	13	00	0	4	1	3	3	2	0	18	0
	1730	15	999.0	997.4	+0.0	29.7	27.0	25.9	33.4	81	- 3	5.0	-1.5	0.4	0	0	4	00	0	2	0	1	0	1	0	27	0
PURULIA	0830	255	1001.3	973.0	-0.5	27.1	25.4	24.7	31.1	86	+ 3	6.3	-0.5	5.0	0	2	27	03	3	2	4	3	1	4	9	2	0
	1730	255	998.2	970.3	+0.1	28.6	25.9	24.7	31.1	81	+ 2	6.6	-0.6	4.4	0	0	28	03	2	4	6	2	1	3	7	3	0
BANKURA	0830	100	1000.6	989.5	..	28.2	26.3	25.5	32.6	86	..	5.0	..	0.9	0	0	12	00	4	2	0	0	1	2	0	19	3
	1730	100	998.0	986.9	..	29.3	26.4	25.1	31.9	79	..	6.0	..	0.3	0	0	3	00	0	0	0	0	0	0	1	28	2
BURDWAN	0830	32	1000.9	997.3	-0.7	29.2	26.9	25.9	33.4	82	- 3	4.2	-1.1	8.6	0	0	29	02	1	7	3	2	2	10	2	2	0
	1730	32	997.9	994.4	-0.5	29.6	26.9	25.9	33.4	80	- 1	5.0	-0.6	9.5	0	1	29	00	2	5	6	5	4	7	1	1	0
CALCUTTA (DUM DUM)	0230	6	999.3	998.6	..	26.8	26.0	25.7	33.0	93	..	5.5	..	5.5	0	1	24	00	0	1	2	10	7	4	1	6	0
	0530	6	999.6	998.9	..	26.6	25.9	25.6	32.8	95	..	6.5	..	3.7	0	0	21	00	2	1	5	5	5	2	1	10	0
	0830	6	1001.0	1000.3	-1.0	28.6	26.5	25.7	33.0	85	+ 3	6.4	-0.5	6.8	0	0	29	00	2	1	8	4	8	4	2	2	0
	1130	6	1000.6	999.9	..	30.0	26.9	25.7	33.0	78	..	6.6	..	7.6	0	0	29	01	3	2	7	6	5	4	1	2	0
	1430	6	998.4	997.7	..	30.3	27.1	25.8	33.2	77	.	6.8	..	7.0	0	0	28	02	0	3	4	9	6	4	0	3	0
	1730	6	998.1	997.4	-0.9	29.5	26.9	25.9	33.4	81	- 1	7.0	+0.1	7.0	0	0	28	00	0	1	6	12	6	2	1	3	0
	2030	6	1000.4	999.7	..	28.1	26.5	25.8	33.2	88	..	5.4	..	7.4	0	0	27	00	0	1	3	13	9	1	0	4	0
	2330	6	1000.7	1000.0	..	27.3	26.1	25.6	32.8	91	..	5.4	..	7.3	0	0	26	01	0	0	5	11	6	3	0	5	0
CALCUTTA	0830	6	1001.1	1000.4	-0.7	29.1	26.6	25.5	32.6	82	- 3	6.0	-0.8	6.3	0	0	31	00	1	1	9	3	7	6	4	0	0
	1130	6	1000.5	999.8	..	30.8	27.0	25.4	32.4	74	..	6.3	..	7.9	0	1	28	00	2	2	8	4	5	5	3	2	0
	1730	6	998.2	997.5	-0.6	29.7	26.7	25.5	32.6	78	- 5	6.8	+0.0	6.7	0	0	29	00	0	1	10	11	3	3	1	2	0
MIDNAPORE	0830	45	1000.8	995.7	-0.7	28.2	26.3	25.5	32.6	85	+ 0	5.1	-1.4	1.9	0	0	26	04	1	0	3	1	13	0	4	5	0
	1730	45	998.0	992.9	-0.5	28.9	26.4	25.3	32.2	82	- 1	6.0	-0.7	1.4	0	0	20	01	3	0	1	4	10	0	1	11	0
CONTAI	0830	11	1001.1	999.9	+0.0	28.6	26.8	26.1	33.8	87	+ 2	6.8	+0.9	5.9	0	0	29	02	3	1	2	2	13	1	5	2	0
	1730	11	998.2	997.0	-0.6	28.9	26.9	26.1	33.8	85	+ 0	7.1	+1.4	8.6	0	0	30	00	1	0	5	8	10	1	3	1	2
SAGAR ISLAND	0830	3	1000.8	1000.5	-0.6	28.5	26.9	26.3	34.2	88	+ 5	6.4	+0.0	16.0	0	11	20	01	2	1	1	7	11	7	1	0	0
	1730	3	998.3	998.0	-0.6	29.1	27.0	26.1	33.8	86	+ 2	6.1	-0.2	16.3	0	10	21	00	1	1	4	13	9	2	1	0	0
SANDHEADS	0530	10	999.8	998.7	..	28.2	26.6	25.9	33.4	87	..	7.2	..	22.0	0	16	14	01	1	1	0	3	16	8	0	1	0
	0830	10	1001.5	1000.4	-0.1	28.7	26.7	25.9	33.4	85	+ 1	6.4	+0.3	21.2	0	17	13	01	1	0	0	3	16	6	3	1	0
	1130	10	1001.2	1000.1	..	29.3	26.8	25.7	33.0	82	..	6.5	..	20.5	0	16	12	00	2	0	0	4	17	4	1	3	0
	1730	10	998.6	997.5	-0.5	29.2	26.9	25.9	33.4	83	- 2	6.6	+0.6	22.8	0	17	14	00	1	0	1	4	20	5	0	0	0
	2330	10	1001.2	1000.1	..	28.7	26.8	26.1	33.8	86	..	2.3	..	23.9	0	21	8	02	0	0	0	5	16	5	1	2	0
ORISSA																											
BARIPADA	0830	54	1002.0	995.9	+0.3	28.2	26.3	25.5	32.6	85	+ 0	6.4	-0.3	1.9	0	0	17	04	3	1	4	2	1	0	2	14	0
	1730	54	999.4	993.3	+0.4	28.3	26.4	25.7	33.0	86	+ 3	6.9	+0.5	1.5	0	0	15	01	1	1	2	6	4	0	0	16	0
JHARSUGUDA	0230	230	1000.4	974.7	..	25.4	24.5	24.1	30.0	93	..	6.6	..	7.4	0	1	25	00	0	0	1	4	5	14	2	5	0
	0530	230	1000.5	974.7	..	24.9	24.3	24.0	29.8	94	..	7.0	..	7.4	0	0	29	01	0	0	1	4	9	14	0	2	0
	0830	230	1001.9	976.2	+0.3	26.6	25.0	24.3	30.4	87	+ 0	6.9	-0.2	12.2	0	2	28	00	1	0	0	2	6	18	3	1	0
	1130	230	1001.4	976.0	..	29.0	25.6	24.1	30.0	76	..	6.5	..	13.7	0	5	25	01	1	0	0	2	6	13	7	1	0
	1430	230	999.2	974.0	..	29.5	25.5	23.7	29.3	72	..	6.4	..	15.4	0	7	24	02	0	0	1	1	5	18	4	0	0
	1730	230	999.0	973.6	+0.6	28.3	25.2	23.9	29.7	78	- 4	6.8	-0.5	11.2	0	2	26	00	0	0	0	2	6	19	1	3	0
	2030	230	1001.2	975.6	..	26.6	25.0	24.3	30.4	88	..	6.5	..	7.6	0	1	26	00	0	0	0	6	8	13	0	4	0
	2330	230	1001.7	976.0	..	25.8	24.8	24.4	30.5	92	..	6.4	..	8.1	0	1	26	00	0	0	0	7	5	15	0	4	0
KEONJHARGARH	0830	463	1002.1	951.2	+0.3	25.5	23.7	22.9	27.9	84	+ 1	5.3	-1.3	1.8	0	0	26	02	0	0	0	1	0	23	0	5	0
	1730	463	999.1	948.5	+0.0	26.2	24.0	23.1	28.3	82	+ 1	5.8	-1.7	1.9	0	0	29	00	0	2	1	4	0	22	0	2	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – AUGUS ,1968 (10 SRAVANA - 9 BHADRA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or M. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
ORISSA (CONTD.)																											
BALASORE	0830	20	1001.2	999.0	-0.3	28.9	26.2	25.1	31.9	81	- 4	5.9	-1.6	10.2	0	5	21	00	4	1	0	4	15	1	1	5	0
	1730	20	998.7	996.4	-0.1	28.3	26.0	25.1	31.9	83	- 1	6.3	-1.2	8.8	0	2	26	01	3	0	1	8	11	3	1	3	0
SAMBALPUR	0830	148	1001.7	985.1	-0.3	27.0	25.2	24.4	30.5	86	+ 0	5.9	-1.2	2.5	0	0	23	00	0	0	0	0	18	5	0	8	0
	1730	148	999.4	983.0	+0.6	27.9	25.5	24.5	30.7	81	- 2	6.2	-1.1	1.7	0	0	17	00	0	0	0	2	11	4	0	14	0
ANGUL	0830	139	1002.1	986.6	+0.1	27.6	24.9	23.7	29.3	80	- 3	7.8	+1.1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730	139	999.4	983.9	+0.4	28.4	25.2	23.8	29.5	78	- 2	7.8	+0.7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
CHANDBALI	0830	6	1002.1	1001.4	+0.1	28.4	26.3	25.5	32.6	85	+ 1	7.6	+1.8	6.1	0	0	28	01	0	0	2	3	3	10	9	3	0
	1730	6	999.4	998.7	+0.2	29.1	26.5	25.4	32.4	81	- 2	6.8	+0.9	5.4	0	2	22	00	0	0	4	3	10	4	3	7	0
BOLANGIR	0830	190	1002.6	981.4	+1.3	27.0	25.4	24.7	31.1	87	+ 3	6.3	-0.6	5.0	0	0	31	00	0	0	0	17	12	2	0	0	0
	1730	190	999.9	978.8	+1.1	28.3	26.2	25.3	32.4	84	+ 4	6.9	-0.5	3.9	0	0	28	01	0	0	1	12	11	3	0	3	0
PHULBANI	0830	464	1002.5	951.6	..	25.9	23.2	22.0	26.4	80	..	6.6	..	1.0	0	0	9	00	0	0	0	2	3	3	1	22	0
	1730	464	1000.1	949.5	..	26.7	23.9	22.7	27.6	79	..	6.5	..	0.8	0	0	6	01	0	0	0	0	0	5	0	25	0
CUTTACK	0830	27	1002.6	999.6	+0.5	28.2	25.8	24.8	31.3	82	- 1	5.4	-1.0	3.4	0	0	17	00	0	0	0	0	2	12	3	14	0
	1730	27	999.7	996.7	+0.5	29.9	26.4	24.9	31.5	75	- 6	5.0	-1.8	3.5	0	1	17	00	0	2	0	1	4	10	1	13	0
TITLAGARH	0830	211	1001.9	978.3	-0.2	26.4	24.8	24.1	30.0	87	+ 3	5.2	-0.8	2.0	0	0	31	00	0	0	0	0	29	0	2	0	0
	1730	211	998.9	975.6	+0.0	28.3	25.4	24.1	30.0	79	+ 0	5.3	-0.6	1.9	0	0	30	00	0	0	1	0	24	0	5	1	0
BHUBANESWAR	0230	46	1000.6	995.4	..	26.5	25.5	25.1	31.9	92	..	6.6	..	8.5	0	1	26	00	0	0	0	2	8	13	4	4	0
	0530	46	1000.7	995.6	..	26.2	25.3	24.9	31.5	93	..	7.0	..	6.7	0	2	19	00	0	0	0	0	7	10	4	10	0
	0830	46	1002.3	997.1	+0.9	28.1	25.9	25.0	31.7	84	- 2	7.1	+0.3	11.0	0	3	24	00	0	0	0	1	5	18	3	4	0
	1130	46	1001.9	996.8	..	30.2	26.3	24.7	31.1	73	..	7.0	..	15.1	0	11	19	01	0	0	0	1	7	14	7	1	0
	1430	46	999.8	994.7	..	30.6	26.4	24.6	30.9	71	..	7.3	..	18.1	0	12	18	02	1	0	0	1	5	11	10	1	0
	1730	46	999.6	994.4	+0.7	28.9	26.1	24.9	31.5	79	- 4	7.5	+0.5	12.9	0	4	24	02	0	0	0	2	12	8	4	3	0
	2030	46	1001.6	996.4	..	27.6	26.0	25.3	32.2	87	..	6.3	..	8.9	0	2	24	00	1	0	0	3	10	9	3	5	0
	2330	46	1001.9	996.8	..	27.0	25.7	25.2	32.1	90	..	6.5	..	9.4	0	1	25	00	0	0	0	2	8	15	1	5	0
PURI	0830	6	1002.6	1001.9	+0.4	29.5	26.8	25.7	33.0	81	- 1	5.0	-1.2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730	6	1000.8	1000.0	+1.2	29.0	26.2	25.0	31.7	80	- 3	5.3	-1.0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
GOPALPUR	0530	17	1001.1	999.1	..	27.4	25.3	24.3	30.4	84	..	7.3	..	6.4	0	1	17	02	0	0	0	0	11	4	1	13	0
	0830	17	1002.7	1000.8	+0.3	28.8	25.7	24.3	30.4	77	- 4	7.1	+0.9	8.5	0	2	25	03	0	0	0	1	17	4	2	4	0
	1130	17	1002.4	1000.5	..	31.0	26.5	24.5	30.7	69	..	6.7	..	12.2	0	7	20	01	0	0	3	5	15	2	1	4	0
	1730	17	999.9	998.1	+0.4	29.7	26.5	25.2	32.1	77	- 8	7.4	+0.9	13.4	0	8	18	01	1	1	2	4	15	1	1	5	0
	2330	17	1002.3	1000.5	..	28.2	26.1	25.3	32.2	84	..	5.9	..	8.0	0	1	23	01	0	0	0	0	20	2	1	7	0
KORAPUT	0830	913	1459.9	905.4	+1.1	22.3	21.8	21.5	25.6	96	+ 5	6.3	-0.6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730	913	1442.0	903.5	+1.3	22.2	21.9	21.7	25.9	98	+11	6.5	-0.7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
BIHAR PLATEAU																											
DUMKA	0830	149	1001.1	984.5	-0.4	28.3	26.4	25.7	33.0	86	+ 3	5.5	+0.3	3.9	0	0	20	02	3	1	4	3	1	2	4	11	0
	1730	149	998.1	981.6	-0.3	29.0	26.5	25.5	32.6	82	+ 0	4.8	-0.6	3.2	0	0	20	01	1	3	6	2	2	1	4	11	0
DALTONGANJ	0830	221	1000.9	976.3	-0.2	28.4	25.9	24.9	31.5	81	- 1	6.2	-0.2	3.9	0	0	31	00	1	0	0	1	28	0	1	0	0
	1730	221	997.7	973.3	+0.0	29.5	26.1	24.7	31.1	76	- 5	7.0	+0.1	3.9	0	0	27	01	5	0	1	0	11	2	7	4	0
HAZARIBAGH	0830	611	1000.9	934.1	-0.4	25.1	23.4	22.7	27.6	86	+ 0	6.3	-0.4	6.2	0	0	27	05	0	4	2	0	0	2	14	4	0
	1730	611	997.9	931.7	-0.1	26.6	23.9	22.7	27.6	80	- 5	6.7	+0.0	5.9	0	0	28	05	0	2	6	1	1	1	12	3	0
DHANBAD	0830	257	1000.6	972.1	-0.9	27.3	25.5	24.7	31.1	86	+ 1	5.9	-0.7	4.3	0	1	28	00	6	0	7	0	3	6	7	2	0
	1730	257	997.8	969.3	..	28.6	25.7	24.5	30.7	79	..	6.5	..	5.1	0	0	28	00	6	0	10	0	2	1	9	2	0
RANCHI AERODROME	0530	652	999.7	928.4	..	23.2	22.5	22.1	26.6	94	..	6.1	..	9.5	0	4	18	01	2	0	2	1	6	5	5	9	0
	0830	652	1000.7	929.7	-0.1	24.8	23.0	22.2	26.7	86	+ 0	5.9	-1.2	16.2	0	6	23	03	2	2	1	1	5	6	9	2	0
	1130	652	1000.0	929.5	..	26.7	23.8	22.5	27.3	79	..	6.2	..	17.2	0	10	18	02	1	3	1	3	2	4	12	3	0
	1430	652	998.0	927.6	..	27.1	23.9	22.5	27.3	78	..	6.2	..	15.1	0	8	18	03	2	4	0	1	2	4	10	5	0
	1730	652	997.8	927.3	+0.1	26.3	23.6	22.5	27.3	80	- 2	6.2	-0.7	14.6	0	5	24	02	0	3	3	2	3	4	12	2	0
	2030	652	1000.2	929.2	..	24.5	23.3	22.8	27.7	90	..	5.3	..	10.3	0	1	26	00	1	2	3	4	6	3	8	4	0
JAMSHEDPUR	0830	129	1000.4	986.1	-0.9	27.6	25.9	25.1	31.9	87	+ 4	6.0	-0.9	2.8	0	0	23	00	0	2	1	1	4	11	4	8	0
	1730	129	997.7	983.4	-0.3	29.3	26.3	25.0	31.7	79	+ 0	5.9	-1.2	2.3	0	0	20	02	0	3	3	1	2	3	6	11	0
JAMSHEDPUR P.B.O.	0530	142	999.5	983.7	..	25.7	25.0	24.7	31.1	94	..	6.9	..	1.6	0	0	9	00	0	1	1	0	1	3	3	22	0
	0830	142	1001.0	985.1	+0.0	27.4	25.6	24.8	31.3	87	+ 4	6.5	-0.6	4.2	0	0	21	00	0	1	2	1	6	5	6	10	0
	1130	142	1000.4	984.7	..	29.4	26.2	24.8	31.3	77	..	6.3	..	6.5	0	0	25	01	0	1	1	2	5	6	9	6	0
	1430	142	998.3	982.7	..	30.3	26.4	24.7	31.1	73	..	6.3	..	5.3	0	0	22	05	2	1	0	2	1	4	7	9	0
	1730	142	997.9	982.3	+0.2	28.9	26.0	24.7	31.1	79	+ 0	6.9	-0.5	5.5	0	0	22	05	0	3	1	1	2	2	8	9	0
	2030	142	1000.2	984.4	..	27.2	25.8	25.2	32.1	89	..	5.5	..	3.1	0	0	16	01	0	5	0	1	3	5	1	15	0
	2330	142	1000.7	984.9	..	26.6	25.6	25.2	32.1	91	..	5.5	..	1.9	0	0	11	00	0	2	1	0	2	3	3	20	0
CHAIBASA	0830	226	1000.6	975.6	-0.6	27.4	25.2	24.2	30.2	83	- 1	7.0	-0.3	2.5	0	0	19	00	0	0	3	0	14	1	1	12	0
	1730	226	998.4	973.4	+0.3	28.3	25.5	24.3	30.4	80	- 2	7.7	+0.2	3.3	0	0	22	00	1	0	4	0	10	0	7	9	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST ,1968 (10 SRAVANA - 9 BHADRA ,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gms. of mean standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BIHAR PLAINS																											
MOTIHARI	0830	66	1000.8	993.4	-0.5	29.2	27.1	26.3	34.2	85	+ 3	5.5	-0.8	3.9	0	0	26	00	2	13	3	0	1	4	3	5	0
	1730	66	997.9	990.6	+0.0	30.7	27.9	26.8	35.2	81	+ 1	5.4	-0.2	1.7	0	0	19	01	1	10	0	0	0	7	0	11	0
FORBESGANJ	0830	61	1001.3	994.5	-0.5	28.5	26.4	25.6	32.8	84	- 2	2.7	-3.9	6.5	0	0	30	02	0	22	0	0	0	5	1	1	0
	1730	61	997.9	991.1	-0.6	30.7	27.4	26.0	33.6	77	- 1	4.7	-1.0	2.5	0	0	26	00	1	8	3	1	1	11	1	5	0
DARBHANGA	0830	49	1002.1	996.5	+0.3	29.9	27.2	26.1	33.8	81	- 3	6.2	-0.3	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	49	999.6	994.2	+1.3	30.7	27.3	25.9	33.4	76	- 3	4.9	-0.4	..	.	..	..	..	..	..	..	..	..	..	..	..	..
MUZAFFARPUR	0830		..	..	..	29.2	27.3	26.5	34.6	86	..	5.3	..	5.3	0	0	29	03	2	9	3	2	2	6	2	2	0
	1730		..	..	..	30.3	27.9	27.0	35.7	83	..	3.7	..	4.3	0	0	28	01	1	9	2	4	7	4	0	3	0
CHAPRA	0830	58	1001.1	994.6	..	29.3	26.7	25.6	32.8	81	..	5.2	..	3.1	0	0	27	00	2	4	7	0	11	0	3	4	0
	1730	58	997.5	991.0	..	31.0	27.3	25.9	33.4	78	..	5.0	..	2.1	0	0	26	00	8	0	4	0	9	1	4	5	0
PURNEA	0830	38	1001.3	997.1	-0.8	28.8	26.8	26.0	33.6	86	+ 1	5.0	-1.4	2.1	0	0	27	00	4	16	1	0	2	3	1	4	0
	1730	38	998.0	993.8	-0.7	29.8	27.1	26.1	33.8	81	- 1	5.3	-0.3	1.9	0	0	26	00	0	18	0	0	2	6	0	5	0
PATNA	0830	53	1000.8	994.9	-0.5	28.7	26.5	25.6	32.8	83	+ 0	5.2	-1.4	7.4	0	0	27	01	5	4	4	0	2	10	1	4	0
	1730	53	997.9	992.0	-0.2	30.3	27.0	25.7	33.0	77	- 1	6.3	+0.0	5.5	0	0	25	01	9	4	0	1	1	9	0	6	0
PATNA AERODROME	0230	60	998.7	992.0	..	27.3	26.2	25.7	33.0	91	..	5.7	..	7.2	0	2	18	00	0	11	0	2	3	3	1	11	0
	0530	60	998.9	992.2	..	26.9	26.0	25.7	33.0	93	..	6.1	..	5.8	0	1	18	00	2	9	0	0	3	4	1	12	0
	0830	60	1000.3	993.6	-0.3	28.8	26.6	25.7	33.0	83	- 2	6.3	-0.2	9.5	0	2	24	00	0	12	1	0	1	11	1	5	0
	1130	60	1000.1	993.4	..	30.3	27.0	25.7	33.0	77	..	6.5	..	12.8	0	6	24	02	0	9	3	1	2	10	3	1	0
	1430	60	997.9	991.2	..	31.1	27.3	25.8	33.2	74	..	6.5	..	10.8	0	4	24	01	1	10	0	0	1	11	4	3	0
	1730	60	997.2	990.5	-0.1	30.2	27.1	25.9	33.4	78	+ 0	6.5	+0.2	7.8	0	1	25	01	3	9	3	1	2	7	0	5	0
	2030	60	999.3	992.6	..	28.5	26.7	26.0	33.6	87	..	5.5	..	4.3	0	0	17	00	2	5	1	0	4	3	2	14	0
	2330	60	1000.0	993.4	..	27.7	26.3	25.7	33.0	89	..	5.3	..	5.5	0	0	20	00	0	9	0	1	6	4	0	11	0
BHAGALPUR	0530	49	999.5	994.0	..	26.9	25.9	25.5	32.6	92	..	6.7	..	3.5	0	0	29	00	2	7	8	3	6	1	1	2	1
	0830	49	1001.0	995.5	-0.7	29.0	26.4	24.9	31.5	83	- 1	6.3	-0.2	3.9	0	0	30	00	1	11	8	0	4	5	0	1	1
	1130	49	1000.5	995.0	..	30.6	27.1	25.7	33.0	76	..	6.2	..	3.7	0	0	30	01	2	11	5	1	1	7	1	1	1
	1730	49	997.7	992.3	-0.6	29.8	26.8	25.6	32.8	79	- 1	6.5	+0.2	3.3	0	0	30	00	4	6	7	2	5	3	2	1	1
	2330	49	1000.6	995.1	..	28.0	26.5	25.9	33.4	89	..	5.5	..	3.0	0	0	29	00	1	10	7	3	4	2	2	2	0
SABAUR	0830	37	1000.6	996.4	-0.8	28.9	26.9	26.1	33.8	85	- 1	6.0	-0.8	9.2	0	2	27	00	2	9	7	0	4	5	2	2	0
	1730	37	997.9	993.7	-0.4	29.6	27.0	26.0	33.6	81	- 3	6.2	-0.5	7.1	0	0	27	01	2	7	5	0	3	6	3	4	0
JAMUI	0830	82	999.9	990.6	-1.1	28.9	27.5	26.9	35.5	89	+ 5	4.4	-2.1	6.9	0	0	31	03	0	8	3	2	0	12	3	0	0
	1730	82	996.8	987.7	-1.0	29.6	28.0	27.3	36.5	88	+ 7	4.8	-1.7	6.6	0	0	30	02	0	8	3	3	0	11	3	1	0
DEHRI	0830	107	1000.5	988.6	+0.1	28.7	26.5	25.6	32.8	83	- 3	6.1	-0.1	3.0	0	0	31	01	1	6	2	3	5	9	3	0	1
	1730	107	996.9	985.5	+0.0	30.2	27.2	26.0	33.6	79	+ 0	5.9	-0.7	3.7	0	0	30	00	3	3	3	0	4	14	3	1	0
GAYA	0230	116	999.9	986.9	..	26.6	26.0	25.7	33.0	95	..	6.1	..	8.7	0	0	27	01	6	3	0	5	10	1	1	4	0
	0530	116	999.8	986.8	..	26.2	25.8	25.6	32.8	97	..	6.6	..	7.9	0	2	24	00	7	2	0	7	6	3	1	5	0
	0830	116	1001.1	988.2	+0.2	28.4	26.7	26.1	33.8	87	+ 6	6.0	-0.2	10.6	0	3	25	01	7	2	0	7	7	4	0	3	0
	1130	116	1000.9	988.0	..	30.5	27.6	26.5	34.6	79	..	6.2	..	13.9	0	4	25	00	7	2	0	1	3	12	4	2	0
	1430	116	998.6	985.8	..	31.7	27.8	26.3	34.2	74	..	6.2	..	16.2	0	8	23	01	5	2	0	1	6	9	7	0	0
	1730	116	998.0	985.2	+0.4	30.3	27.5	26.4	34.4	80	+ 4	6.4	-0.2	10.8	0	3	24	03	5	2	2	1	6	7	1	4	0
	2030	116	1000.0	987.1	..	28.2	27.1	26.7	35.0	92	..	6.2	..	6.6	0	1	23	00	2	4	1	6	6	1	4	7	0
	2330	116	1000.8	987.8	..	27.2	26.4	26.1	33.8	93	..	5.9	..	7.1	0	1	22	00	7	1	2	9	3	1	0	8	0
UTTAR PRADESH EAST																											
KHERI	0830	147	999.7	983.3	-1.2	27.4	25.9	25.2	32.1	88	- 1	5.9	+0.4	4.1	0	0	25	00	0	12	2	0	0	10	1	6	0
	1730	147	997.0	980.8	-0.5	30.3	27.0	25.6	32.8	78	- 1	5.7	+0.5	3.0	0	0	25	00	1	10	2	0	0	11	1	6	0
BAHRAICH	0830	124	1000.4	986.5	-0.6	27.9	25.7	24.7	31.1	83	+ 0	5.8	-0.2	2.8	0	0	19	00	0	2	12	0	1	4	0	12	0
	1730	124	997.8	984.0	-0.2	30.5	26.9	25.5	32.6	75	- 2	6.8	+0.9	3.2	0	0	21	00	1	2	8	1	3	4	2	10	0
NAUTANWA	0830	99	1000.8	989.7	-0.3	29.0	26.5	25.7	33.0	84	+ 0	4.4	-0.9	3.0	0	0	27	00	2	11	2	0	2	0	10	4	0
	1730	99	998.0	987.0	-0.5	30.2	27.1	25.8	33.2	78	+ 0	4.5	-0.3	2.3	0	0	28	01	5	4	6	2	1	1	8	3	0
HARDOI	0830	142	1000.4	984.5	-0.1	29.1	26.2	25.1	31.9	81	- 6	3.6	-1.8	2.0	0	0	25	00	0	8	0	5	1	11	0	6	0
	1730	142	997.5	981.8	+0.1	30.2	26.6	25.0	31.7	75	- 3	3.6	-1.4	2.1	0	0	27	03	0	7	2	3	1	11	0	4	0
GONDA	0830	110	1001.0	987.7	-1.3	28.6	26.4	25.4	32.4	83	- 2	5.9	-0.1	3.0	0	0	25	02	0	12	0	0	0	4	7	6	0
	1730	110	997.9	985.7	+0.5	30.2	27.0	25.6	32.8	78	- 2	5.6	-0.1	1.4	0	0	16	01	0	7	0	0	0	4	4	15	0
LUCKNOW	0830	111	1000.9	988.5	+0.1	27.5	25.7	24.9	31.5	86	+ 1	5.1	-0.9	0.6	0	0	9	00	0	5	0	0	0	4	0	22	0
	1730	111	997.9	985.6	+0.3	30.8	26.5	24.5	30.7	71	- 8	4.6	-0.9	0.4	0	0	5	00	0	2	0	0	0	3	0	26	0
LUCKNOW(AMOUSI)	0230	128	998.9	984.7	..	26.7	25.3	24.8	31.3	89	..	4.7	..	6.4	0	3	15	00	3	4	0	0	1	8	2	13	0
	0530	128	998.9	984.6	..	26.1	24.8	24.5	30.7	91	..	5.2	..	7.7	0	3	19	01	3	3	0	1	2	10	2	9	0
	0830	128	1000.3	986.1	+0.2	28.1	25.7	24.6	30.9	80	- 7	5.6	-0.8	12.3	0	6	24	00	1	6	5	2	3	11	2	1	0
	1130	128	1000.4	986.3	..	30.7	26.4	24.6	30.9	71	..	5.9	..	14.6	0	10	21	00	2	5	5	2	2	9	6	0	0
	1430	128	998.3	984.3	..	31.7	26.7	24.5	30.7	67	..	5.9	..	14.6	0	7	23	01	1	6	3	2	2	8	7	1	0
	1730	128	997.4	983.3	+0.3	30.5	26.4	24.6	30.9	72	- 8	5.5	-0.8	11.5	0	5	23	00	3	6	2	1	1	12	3	3	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1968 (10 SRAVANA - 9 BHADRA, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gms. of mean standard barometric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p.h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
UTTAR PRADESH EAST (CONTD.)																											
LUCKNOW (AMAUSI)	2030	128	999.2	984.9	..	28.2	26.1	25.2	32.1	84	..	4.7	..	5.6	0	0	22	01	2	5	1	2	4	6	1	0	0
	2330	128	999.9	985.6	..	27.3	25.6	24.7	31.1	86	..	4.6	..	6.4	0	3	19	01	1	5	2	2	4	7	0	9	0
FAIZABAD	0830	102	1000.4	989.1	+0.4	28.3	26.5	25.8	33.2	87	- 1	5.1	-0.6	3.9	0	0	24	00	1	7	2	1	4	8	1	7	0
	1730	102	997.7	986.4	+0.5	29.8	27.1	26.0	33.6	82	+ 1	6.1	-0.2	2.8	0	0	21	00	3	2	3	0	4	7	2	10	0
GORAKHPUR	0830	77	1000.9	992.3	-2.9	28.9	26.5	25.5	32.6	82	- 2	5.8	-0.1	2.4	0	0	24	00	0	12	2	2	6	2	0	7	0
	1730	77	997.6	989.1	-0.2	31.1	27.2	25.7	33.0	74	- 5	5.3	-0.2	2.4	0	0	27	02	1	7	2	1	4	8	2	4	0
GORKHPUR P.B.O.	0230	78	998.9	990.1	..	27.8	26.6	26.1	33.8	89	..	6.0	..	5.0	0	0	24	00	6	6	4	0	5	3	0	7	0
	0530	78	999.1	990.3	..	27.8	26.2	25.6	32.8	88	..	5.8	..	5.5	0	0	26	01	5	7	5	1	2	5	0	5	0
	1130	78	1000.2	991.5	..	30.3	26.9	25.7	33.0	77	..	6.0	..	7.6	0	0	30	00	3	8	5	2	0	7	5	1	0
	1430	78	998.2	989.5	..	30.9	27.1	25.8	33.2	75	..	6.2	..	7.6	0	1	27	01	2	6	6	1	2	10	0	3	0
	2030	78	999.3	990.6	..	29.3	26.9	26.3	32.2	84	..	5.0	..	4.7	0	0	27	02	2	7	5	1	9	1	0	4	0
	2330	78	999.9	991.1	..	28.7	26.8	26.2	34.0	86	..	5.7	..	4.4	0	0	24	01	6	4	4	0	5	4	0	7	0
KANPUR	0830	126	999.9	985.8	-0.9	28.2	25.6	24.5	30.7	80	- 6	4.1	-1.6	10.3	0	0	28	00	0	8	0	3	0	16	1	3	0
	1730	126	997.2	983.3	-0.1	30.8	26.2	24.2	30.2	69	-10	4.1	-1.6	7.6	0	0	29	03	2	5	1	2	1	15	0	2	0
KANPUR (AERODROME)	0530	126	999.4	985.3	..	26.2	25.3	24.9	31.5	93	..	5.0	..	10.5	0	1	28	01	1	5	2	1	3	13	3	2	0
	0830	126	1000.6	986.6	..	28.2	25.8	24.7	31.1	82	..	5.2	..	15.9	0	3	28	00	0	6	3	1	4	13	4	0	0
	1130	126	1000.6	986.7	..	30.9	26.6	24.8	31.3	71	..	5.4	..	14.8	0	4	26	02	0	7	1	3	2	11	4	1	0
	1730	126	997.7	983.7	..	31.1	26.6	24.7	31.1	68	..	5.4	..	13.0	0	3	27	04	4	2	2	2	1	7	8	1	0
	2330	126	1000.1	986.1	..	27.4	25.9	25.2	32.1	87	..	4.0	..	9.3	0	1	26	01	3	4	1	1	6	9	2	4	0
SULTANPUR	0830	97	1000.9	990.0	+0.6	28.8	26.3	25.2	32.1	82	- 5	5.6	-0.9	2.8	0	0	20	00	0	7	0	0	1	12	0	11	0
	1730	97	998.2	987.4	+1.0	30.6	26.9	25.6	32.8	76	- 7	5.3	-1.0	1.4	0	0	13	00	2	2	0	1	0	8	0	18	0
AZAMGARH	0830	78	1000.4	991.8	+0.1	28.5	26.8	26.0	33.6	85	- 2	5.9	+0.4	5.4	0	0	27	00	1	3	1	1	5	10	0	4	0
	1730	78	997.5	988.9	+0.3	30.5	27.2	26.0	33.6	76	- 7	5.3	+0.2	3.3	0	0	24	02	0	5	0	1	2	14	0	7	0
FATEHPUR	0830	114	..	..	..	28.3	26.2	25.3	32.2	85	- 1	4.7	-1.2	8.2	0	0	31	00	2	4	2	0	11	9	3	0	0
	1730	114	..	..	..	31.1	27.7	26.4	34.4	77	- 4	4.7	-1.2	4.3	0	0	23	01	3	3	1	0	4	6	5	8	0
BALLIA	0830	64	1001.8	994.9	+1.6	29.3	27.2	26.2	34.0	84	- 4	5.4	-0.6	2.3	0	0	26	00	4	8	1	0	2	10	1	5	0
	1730	64	998.7	991.6	+0.0	30.3	27.5	26.4	34.4	81	+ 2	5.5	+0.0	0.8	0	0	11	00	0	6	1	0	0	4	0	20	0
BANDA	0830	121	1001.5	988.0	+0.9	28.7	25.8	24.5	31.1	78	-10	4.3	-1.1	2.1	0	0	28	00	5	0	3	0	18	0	2	3	0
	1730	121	998.3	984.9	+0.7	31.5	26.5	24.2	30.2	68	-14	4.9	-0.1	2.3	0	0	29	00	4	0	0	0	25	0	0	2	0
ALLAHABAD (BAMHRAULI)	0230	98	998.9	987.9	..	27.1	25.5	24.9	31.5	88	..	5.1	..	3.3	0	1	19	02	3	2	1	0	2	9	1	11	0
	0530	98	999.1	988.2	..	26.6	25.0	24.2	30.2	89	..	6.0	..	5.0	0	0	20	01	2	3	1	0	2	11	0	11	0
	0830	98	1000.6	989.7	-0.2	28.6	25.8	24.5	30.7	79	- 6	5.8	-1.0	8.3	0	1	27	00	1	5	2	2	1	13	4	3	0
	1130	98	1000.5	989.7	..	31.9	26.6	24.4	30.5	66	..	5.6	..	10.8	0	1	30	00	4	3	2	1	4	12	5	0	0
	1430	98	998.4	987.6	..	32.4	26.6	24.1	30.0	63	..	5.9	..	11.5	0	4	26	02	2	4	3	0	3	9	7	1	0
	1730	98	997.3	986.6	-0.1	31.8	26.5	24.1	30.0	66	-12	6.0	-0.8	7.7	0	3	26	02	5	1	2	0	3	12	3	2	0
	2030	98	999.3	988.5	..	28.9	26.1	24.9	31.5	80	..	5.4	..	3.7	0	1	18	01	2	4	1	0	5	6	0	12	0
	2330	98	1000.0	989.0	..	27.8	25.7	24.7	31.1	84	..	5.5	..	3.4	0	1	19	00	4	4	1	0	3	6	7	11	0
VARANASI (BABATPUR)	0530	85	999.5	989.8	..	26.4	25.6	25.2	32.1	93	..	5.8	..	7.7	0	1	23	01	2	5	1	1	8	4	2	7	0
	0830	85	1001.0	991.4	-0.2	28.3	26.1	25.2	32.1	83	- 2	5.9	-0.5	12.7	0	3	28	00	2	7	1	2	8	9	2	0	0
	1130	85	1000.9	991.4	..	30.6	26.8	25.1	31.9	73	..	5.9	..	13.7	0	5	25	01	2	6	1	2	2	12	4	1	0
	1730	85	997.7	988.2	-0.2	30.8	27.2	25.7	33.0	75	- 4	5.5	-0.9	10.8	0	3	27	00	4	3	1	0	4	10	5	1	3
	2330	85	1000.4	990.7	..	27.5	26.0	25.4	32.4	88	..	4.7	..	7.5	0	1	19	00	4	3	0	1	2	9	1	11	0
VARANASI	0830	76	1000.5	992.0	-0.2	28.3	26.3	25.5	32.6	85	+ 0	6.8	+0.4	3.2	0	0	26	00	1	2	2	1	1	17	2	2	0
	1730	76	997.4	988.9	-0.2	31.0	27.1	25.5	32.6	74	- 5	5.9	-0.4	1.9	0	0	24	00	2	1	1	1	2	15	2	7	0
UTTAR PRADESH WEST																											
MUKHIM	0830		..	..	..	18.8	17.9	17.5	20.0	92	+ 2	6.6	..	0.8	0	0	8	01	0	0	5	0	0	0	2	23	0
	1730		..	..	..	20.4	18.4	17.3	19.7	83	+ 0	6.2	..	2.7	0	0	20	02	0	0	2	0	0	0	16	11	0
TEHRI	0830	770	..	..	..	25.6	23.1	21.9	26.3	80	- 3	5.4	-0.3	0.8	0	0	8	00	2	1	2	0	0	2	1	23	0
	1130	770	..	..	..	30.1	24.4	22.0	26.4	64	..	4.9	..	2.7	0	0	18	02	3	0	1	3	6	2	1	13	0
	1730	770	..	..	..	30.1	24.0	21.2	25.2	60	- 3	4.6	-0.9	4.1	0	0	19	00	1	1	4	3	9	1	0	12	0
DEHRA DUN	0530	682	1000.0	925.5	..	23.3	22.4	22.0	26.4	93	..	5.8	..	0.3	0	0	2	01	1	0	0	0	0	0	0	29	0
	0830	682	1000.7	926.3	-0.5	24.6	23.2	22.8	27.7	90	+ 3	5.1	-1.1	0.1	0	0	2	01	0	1	0	0	0	0	0	29	0
	1130	682	1000.4	926.9	..	27.8	24.2	23.1	28.3	73	..	5.1	..	0.5	0	0	5	01	0	0	1	0	1	2	2	26	0
	1730	682	997.9	924.4	+0.2	27.7	24.7	23.3	28.6	79	- 3	5.6	+0.1	0.8	0	0	9	03	0	0	0	0	2	3	1	27	0
	2330	682	1000.6	926.3	..	24.6	23.4	22.9	27.9	91	..	5.0	..	0.2	0	0	1	00	1	0	0	0	0	0	0	30	0
MANSIARI	0830		..	..	..	18.0	16.6	15.9	18.1	95	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	18.5	17.0	16.3	18.5	96	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
ROORKEE	0830	274	1000.8	970.2	-0.2	27.5	24.9	23.7	29.3	80	- 4	3.6	-1.9	0.6	0	0	10	00	0	0	9	0	0	0	1	21	0
	1730	274	998.1	968.2	+0.9	31.3	26.5	24.5	30.7	68	- 5	3.3	-1.7	1.0	0	0	15	01	0	0	8	0	0	0	6	16	0
NAJIBABAD	0830	270	1001.0	971.0	+0.1	27.2	25.2	24.4	30.5	85	+ 0	4.5	-0.5	3.9	0	0	22	00	0	4	11	0	0	5	2	9	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – AUGUST ,1968 (10 SRAVANA - 9 BHADRA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
UTTAR PRADESH WEST(CONTD.)																											
NAJIBABAD	1730	270	998.2	968.7	-0.1	31.1	26.8	24.9	31.5	71	- 3	3.8	+0.0	3.4	0	0	26	01	0	4	3	0	1	11	6	5	0
MEERUT	0830	222	1000.5	976.8	+0.7	27.6	25.2	24.0	29.8	81	- 2	1.3	-2.9	2.3	0	0	15	00	1	6	0	0	0	6	2	16	0
BAREILLY	0830	173	1000.3	981.1	-0.3	28.6	26.0	24.8	31.3	81	- 3	4.3	-1.6	8.6	0	0	30	00	4	7	1	3	3	12	0	1	0
	1730	173	997.2	978.2	-0.2	30.6	26.8	25.2	32.1	74	- 2	4.8	-1.1	3.7	0	0	28	02	3	6	1	1	6	9	0	3	0
BAREILLY P.B.O.	0230	172	998.8	979.6	..	27.6	25.6	24.9	31.5	86	..	4.6	..	5.2	0	0	25	01	2	9	3	0	1	8	1	6	0
	0530	172	999.0	979.8	..	26.7	25.0	24.4	31.7	88	..	5.5	..	4.5	0	0	21	02	3	4	4	0	0	6	2	10	0
	1130	172	1000.4	981.4	..	30.5	26.0	24.3	30.4	71	..	5.5	..	8.8	0	1	29	00	5	3	6	1	1	5	9	1	0
	1430	172	998.4	979.5	..	31.4	26.4	24.6	30.9	68	..	5.5	..	7.9	0	1	28	01	4	5	5	0	2	6	6	2	0
	2030	172	998.8	979.7	..	28.9	26.1	25.1	31.9	80	..	3.6	..	4.1	0	0	22	00	4	3	3	1	0	8	3	9	0
	2330	172	999.7	980.6	..	28.1	25.9	25.1	31.9	84	..	4.2	..	4.3	0	0	22	00	2	8	2	0	1	8	1	4	0
ALIGARH	0830	187	1001.2	980.0	+0.3	27.6	25.2	24.2	30.2	82	- 1	5.1	-0.3	5.7	0	0	31	03	2	7	1	1	0	16	1	0	0
	1730	187	998.2	977.1	+0.2	31.6	26.7	24.5	30.7	68	- 4	5.5	-0.1	2.6	0	0	29	03	0	5	2	4	0	15	0	2	0
MAINPURI	0830	157	1000.7	983.2	+0.1	28.3	25.6	24.4	30.5	80	- 5	4.4	-1.5	2.9	0	0	22	00	0	5	2	0	0	15	0	9	0
	1730	157	997.0	980.1	-0.8	31.2	26.9	25.0	31.7	75	- 1	4.1	-1.3	2.4	0	0	21	00	0	7	2	0	0	10	2	10	0
AGRA	0830	169	1000.7	982.0	+0.1	28.6	25.0	23.4	28.8	74	- 7	3.5	-2.0	1.8	0	0	14	00	4	0	1	0	9	0	0	17	0
	1730	169	998.0	979.4	+0.5	31.2	26.6	24.7	31.1	70	- 5	3.8	-1.9	4.5	0	0	22	00	4	0	2	1	10	0	5	9	0
AGRA AERODROME	0230	169	999.5	980.4	..	26.5	24.6	23.7	29.3	86	..	3.6	..	8.6	0	0	23	00	1	1	3	0	3	13	2	8	0
	0530	169	999.4	980.5	..	25.7	24.7	24.2	30.2	91	..	4.1	..	9.0	0	2	23	01	0	3	3	2	0	15	1	6	0
	0830	169	1000.9	982.2	..	27.8	25.8	24.9	31.5	84	..	4.7	..	13.7	0	5	23	01	2	2	3	2	2	10	6	3	0
	1130	169	1000.9	982.3	..	31.1	27.0	25.1	31.9	72	..	5.2	..	13.6	0	4	26	02	0	4	2	5	0	7	10	1	0
	1730	169	997.9	979.4	..	30.9	26.6	24.7	31.1	71	..	5.2	..	13.3	0	8	21	04	1	4	2	1	1	12	4	2	0
	2330	169	1000.3	981.5	..	27.3	25.1	24.0	29.8	82	..	3.4	..	9.5	0	0	27	00	1	1	4	5	1	15	0	4	0
ORAI	0830	141	1002.0	986.4	+0.7	29.4	25.9	24.4	30.5	75	-13	4.8	-0.7	3.0	0	0	27	03	7	0	1	0	1	0	15	4	0
	1730	141	997.7	982.1	-0.5	30.8	26.1	24.3	30.4	68	-13	3.5	-1.8	3.4	0	0	30	11	9	0	0	0	0	2	8	1	0
JHANSI	0830	251	1001.4	973.6	+0.4	27.1	24.6	23.8	29.5	81	- 3	4.1	-1.8	2.3	0	0	21	00	0	7	0	6	0	8	0	10	0
	1730	251	998.0	970.6	+0.3	31.2	25.9	23.8	29.5	66	-10	3.4	-2.9	1.7	0	0	18	00	0	3	0	6	0	9	0	13	0
MORADABAD	0830		..	..	..	27.5	26.3	25.8	33.2	90	..	2.3	..	3.0	0	0	23	01	2	14	0	0	0	4	2	8	0
	1730		..	..	..	31.5	29.1	28.1	38.0	82	..	0.5	..	3.5	0	0	27	00	0	20	0	0	0	5	2	4	0
UTTAR KASHI	0830		..	..	..	23.1	21.0	20.1	23.5	84	..	.	..	5.4	0	0	0	..	..	..	..	..	..	..	..	..	..
	1730		(R)																								
HARYANA(INCLUDING DELHI AND CHANDIGARH)																											
CHANDIGARH	0830	347	999.4	960.7	-1.3	27.2	24.6	23.1	28.3	81	+ 1	3.1	-0.8	0.8	0	0	11	00	5	0	0	0	2	0	4	20	0
	1730	347	997.3	959.2	-0.1	31.5	26.2	23.8	29.5	65	- 4	3.7	+1.2	2.1	0	0	13	00	1	0	2	0	4	0	6	18	0
AMBALA	0830	272	1000.2	970.0	+0.0	27.5	25.2	24.1	30.0	83	+ 1	2.3	-2.2	1.6	0	0	25	00	0	0	13	0	4	0	8	6	0
	1730	272	997.1	967.5	+0.1	32.0	26.6	24.2	30.2	65	- 3	2.6	-1.3	1.6	0	0	25	00	2	0	7	0	3	0	13	6	0
AMBALA P.B.O.	0230	278	998.7	967.9	..	27.9	26.1	25.6	32.8	87	..	3.0	..	3.7	0	0	19	00	0	2	9	1	2	1	4	12	0
	0530	278	998.9	968.0	..	27.0	25.5	24.8	31.3	89	..	4.2	..	3.9	0	0	22	00	1	1	9	2	3	1	5	9	0
	1130	278	1000.4	969.8	..	30.9	27.4	26.3	32.2	80	..	4.7	..	5.1	0	0	22	00	0	2	7	2	2	4	5	9	0
	1430	278	998.7	968.2	..	31.4	27.6	26.4	34.4	77	..	4.6	..	5.8	0	0	26	01	0	1	6	5	4	4	5	5	0
	2030	278	998.4	967.7	..	30.2	27.9	26.5	34.6	82	..	2.6	..	3.4	0	0	18	00	0	0	6	1	1	2	8	13	0
	2330	278	999.3	968.5	..	28.8	26.7	26.1	33.8	85	..	2.4	..	3.9	0	0	18	00	0	1	8	0	1	3	5	13	0
AMBALA AERODROME	0530	274	998.8	968.3	..	25.3	24.6	24.2	30.2	93	..	4.1	..	5.9	0	0	19	00	3	4	3	0	2	3	4	12	0
	0830	274	999.8	969.4	..	27.2	25.3	24.4	30.5	85	..	6.5	..	10.9	0	0	25	00	2	6	6	1	3	4	3	6	0
	1130	274	1000.0	969.9	..	30.3	26.4	24.8	31.3	71	..	4.6	..	11.9	0	3	24	00	2	5	4	3	5	6	2	4	0
	1730	274	997.2	967.3	..	31.2	27.1	25.2	32.1	71	..	4.0	..	11.2	0	3	25	01	1	4	4	0	3	11	4	3	0
	2330	274	999.0	968.7	..	27.4	25.8	24.9	31.5	87	..	2.5	..	6.5	0	0	17	00	0	5	5	0	1	3	3	14	0
KARNAL	0830	249	1000.0	972.5	+0.0	28.2	25.3	23.9	29.7	78	- 7	3.6	-1.6	4.3	0	0	30	01	2	3	5	2	7	9	1	1	0
	1730	249	997.0	969.8	-0.1	32.0	26.7	24.5	30.7	66	- 5	2.5	-2.7	3.7	0	0	26	00	1	6	1	2	5	11	0	5	0
HISSAR	0530	221	998.8	974.2	..	26.9	25.3	24.6	30.9	88	..	3.5	..	7.4	0	0	28	00	1	5	3	4	9	6	0	3	0
	0830	221	1000.3	975.7	+0.0	29.0	26.3	25.2	32.1	81	+ 5	3.1	-0.2	8.0	0	0	30	00	0	4	3	4	9	9	1	1	0
	1130	221	1000.2	976.1	..	33.2	27.9	25.9	33.4	64	..	4.0	..	10.8	0	0	30	01	0	1	6	3	5	13	0	1	1
	1430	221	998.2	974.3	..	35.2	28.7	26.2	34.0	60	..	4.4	..	9.5	0	1	29	01	4	9	1	3	1	10	1	1	0
	1730	221	997.2	973.3	+0.3	34.2	28.4	26.1	33.8	64	+ 1	3.2	-0.9	7.7	0	2	27	01	3	4	6	2	4	6	3	5	0
	2330	221	999.2	974.8	..	29.2	26.7	25.6	32.8	82	..	2.5	..	8.0	0	0	27	00	1	6	8	4	5	3	6	4	0
NEW DELHI /SAFDARJUNG	0230	216	999.2	975.2	..	27.4	24.8	23.6	29.1	81	..	3.8	..	7.6	0	1	21	00	1	4	3	1	6	7	0	5	0
	0530	216	999.3	975.2	..	26.5	24.6	23.6	29.1	85	..	4.6	..	6.6	0	1	18	00	2	3	3	0	2	9	0	12	0
	0830	216	1000.7	976.6	+0.3	27.9	24.9	23.4	28.8	78	+ 1	4.6	-0.8	12.6	0	9	17	00	0	4	2	3	1	13	3	5	0
	1130	216	1000.8	976.8	..	31.3	25.8	23.4	28.8	65	..	4.4	..	12.7	0	9	16	00	0	5	3	6	1	7	8	6	0
	1430	216	998.9	975.3	..	32.9	26.5	23.6	29.1	60	..	4.8	..	12.4	0	7	21	00	1	5	4	2	2	4	10	3	0
	1730	216	997.7	974.0	+0.7	32.6	26.2	23.3	28.6	60	- 5	4.6	-0.9	8.6	1	2	19	01	0	6	3	1	2	5	4	5	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1968 (10 SRAVANA - 9 BHADRA 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or M. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 02 or prev.	20 to 07	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HARYANA (INCLUDING DELHI AND CHANDIGARH) (CONTD.)																											
NEW DELHI/SAFDARJUNG	2030	216	998.9	975.1	..	29.9	25.7	23.8	29.5	71	..	4.5	..	4.6	0	1	17	00	0	6	2	3	4	3	0	13	0
	2330	216	1000.0	976.0	..	28.4	25.3	23.8	29.5	77	..	4.0	..	6.4	0	3	16	00	0	5	1	1	7	5	0	12	0
PALAM AERODROME	0230	233	999.3	973.4	..	26.3	24.7	24.0	29.8	87	..	3.5	..	11.5	0	5	21	00	0	4	5	2	6	7	2	5	0
	0530	233	999.3	973.4	..	25.6	24.4	23.8	29.7	90	..	4.5	..	9.4	0	1	24	00	2	2	5	2	6	8	0	6	0
	0830	233	1000.7	974.8	..	27.7	24.9	23.6	29.1	79	..	4.6	..	14.1	0	3	23	01	0	2	6	3	0	11	5	3	0
	1130	233	1000.6	975.1	..	31.4	26.0	23.7	29.3	67	..	4.4	..	15.3	0	5	25	01	0	1	8	2	2	5	11	0	0
	1430	233	999.0	973.5	..	32.8	26.4	23.3	28.6	60	..	4.6	..	14.4	0	0	23	03	0	4	6	2	0	3	11	2	0
	1730	233	997.7	972.2	..	32.2	26.2	23.5	28.9	62	..	4.3	..	12.7	0	6	22	02	0	2	7	2	4	4	7	0	0
	2030	233	998.9	973.1	..	28.7	25.5	24.1	30.0	77	..	4.2	..	8.8	0	1	24	00	0	2	8	3	5	6	1	6	0
	2330	233	1000.0	974.1	..	27.3	25.0	23.9	29.7	82	..	3.5	..	10.0	0	2	23	00	0	3	4	5	7	5	1	6	0
GURGAON	0830		..	..	..	28.1	25.1	23.6	29.1	78	..	4.1	..	5.7	0	0	22	00	2	7	1	0	3	9	0	8	0
	1730		..	..	..	30.4	27.3	25.8	33.2	73	..	4.5	..	2.8	0	0	17	00	3	6	1	0	0	6	1	13	0
NARNAUL	0830		(R)																								
	1730		(R)																								
ROHTAK	0830	219	..	..	..	27.8	25.7	24.6	30.9	81	..	3.5	..	11.5	0	2	29	00	2	9	4	2	0	14	0	0	0
	1730	219	..	..	..	29.2	25.9	24.4	30.5	75	..	2.0	..	9.2	0	1	30	00	2	10	5	1	1	12	0	0	0
PUNJAB																											
PATHANKOT	0530	312	998.8	964.5	..	25.4	23.9	23.3	28.6	88	..	4.6	..	6.4	0	1	19	02	4	7	3	3	1	0	0	11	0
	0830	312	1000.1	965.6	-0.2	27.2	24.8	23.6	29.1	82	+ 0	4.6	-1.1	6.7	0	2	19	03	7	6	1	3	0	1	0	10	0
	1130	312	1000.5	966.1	..	29.4	25.8	24.3	30.4	75	..	5.3	..	8.5	0	3	23	01	6	4	5	5	3	1	1	5	0
	1730	312	997.6	963.6	-0.4	31.4	26.6	24.3	30.4	68	- 2	4.6	+0.0	6.6	0	0	21	01	5	1	2	5	3	3	1	10	0
	2330	312	999.5	965.0	..	27.0	24.6	23.5	29.0	82	..	3.0	..	5.3	0	0	19	01	14	2	0	0	0	2	0	12	0
AMRITSAR	0530	234	998.7	972.6	..	26.5	25.4	24.9	31.5	91	..	4.0	..	9.5	0	3	22	03	2	9	9	0	1	0	1	6	0
	0830	234	1000.0	974.1	+0.0	28.2	26.0	25.1	31.9	84	+ 2	4.0	+0.0	11.1	0	4	23	00	4	9	5	3	2	1	3	4	0
	1130	234	1000.3	974.6	..	31.1	26.6	24.7	31.1	70	..	4.4	..	10.1	0	3	24	01	5	6	6	2	3	0	4	4	0
	1430	234	998.8	973.2	..	31.9	26.7	24.4	30.5	67	..	4.6	..	12.4	0	4	25	03	2	6	6	4	0	3	5	2	0
	1730	234	997.4	971.8	+0.5	31.9	26.7	24.5	30.7	67	+ 2	4.1	+0.5	11.4	0	2	26	04	2	4	3	4	0	2	9	3	0
	2030	234	998.4	972.6	..	29.1	26.6	25.6	32.8	82	..	3.5	..	8.0	0	4	20	02	4	6	4	1	0	3	4	7	0
ADAMPUR AERODROME	0830	249	999.9	972.3	..	27.7	24.6	23.2	28.4	77	..	4.4	..	8.8	0	0	24	01	0	8	9	2	1	1	2	7	0
	1730	249	997.9	970.7	..	31.2	25.7	23.2	28.4	64	..	4.2	..	12.3	0	2	27	07	1	5	4	2	2	1	7	2	0
LUDHIANA	0830	247	1000.0	972.8	-0.4	28.3	25.8	24.6	30.9	81	+ 2	4.1	-0.3	3.5	0	0	17	00	0	0	11	1	0	0	5	14	0
	1730	247	997.4	970.5	+0.2	31.6	26.8	24.7	31.1	68	+ 2	3.7	-0.6	2.3	0	0	15	00	2	0	4	0	2	0	7	16	0
FEROZEPUR	0830	200	1000.5	978.2	+0.9	29.4	26.2	24.8	31.3	77	- 2	2.3	-0.8	2.1	0	0	25	04	1	1	7	9	1	0	2	6	0
	1730	200	999.0	977.1	+2.9	33.0	27.2	24.6	30.9	63	- 2	4.0	+0.6	1.7	0	0	19	08	6	2	0	0	0	1	2	12	0
HALWARA AERODROME	0530	242	999.0	971.8	..	25.6	25.1	24.7	31.1	95	..	3.8	..	10.9	0	0	28	02	3	7	7	6	2	0	1	3	0
	0830	242	999.9	974.7	..	28.3	25.9	25.0	31.7	82	..	3.8	..	14.5	0	4	26	01	1	5	12	2	4	4	1	1	0
	1130		(R)																								
	1730	242	997.3	970.9	..	31.4	26.4	24.4	30.5	68	..	4.0	..	15.7	0	7	22	06	1	5	5	2	2	4	4	2	0
PATIALA	2330	242	999.2	972.4	..	26.8	25.8	25.2	32.1	91	..	2.2	..	10.0	0	2	25	00	2	8	10	2	1	2	2	4	0
	0830	251	1000.1	972.3	-0.2	27.6	25.3	24.2	30.2	83	+ 0	3.8	-1.3	5.2	0	2	11	00	0	0	6	0	0	0	7	18	0
	1730	251	997.5	970.3	+0.6	32.3	26.7	24.2	30.2	64	- 3	3.9	-1.1	4.9	0	1	11	00	0	0	9	0	0	0	3	19	0
BHATINDA	0830	211	999.6	976.3	..	30.3	25.5	23.7	29.3	67	-14	1.3	-1.7	3.3	0	0	28	00	0	0	13	0	4	0	11	3	0
	1730	211	996.4	973.2	..	31.0	25.1	22.3	26.9	60	- 9	0.5	-2.7	2.1	0	0	28	00	0	0	5	0	2	0	21	3	0
HIMACHAL PRADESH																											
MANDI	0830	761	999.9	917.5	-0.4	24.4	22.7	21.9	26.3	86	- 3	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730	761	997.3	916.0	+0.9	28.1	24.9	22.8	27.7	74	- 4	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
BILASPUR	0830	587	1000.8	936.6	-0.2	25.4	24.0	23.4	28.8	89	+ 2	4.6	-1.4	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	587	998.0	934.8	+0.8	29.1	24.9	23.2	28.4	71	+ 0	1.9	-3.5	4.2	0	1	22	00	0	0	3	2	10	2	6	8	0
JAMMU AND KASHMIR																											
MISGAR	0830		(R)																								
	1730		(R)																								
GILGIT	0830		(R)																								
	1730		(R)																								
SKARDU	0830		(R)																								
	1730		(R)																								
LEH	0530		(R)																								
	0830	3514	3024.2	662.2	-3.0	22.3	12.5	4.3	8.3	32	-22	3.8	-0.4	5.4	0	0	7	00	1	0	0	3	2	1	0	23	0
	1730	3514	3081.3	665.5	+3.9	14.3	7.1	0.5	6.3	38	+ 2	3.2	-0.9	1.1	0	0	28	05	5	1	0	5	6	6	0	0	0
SRINAGAR	0230	1587	1424.1	834.3	..	19.7	18.2	17.3	19.7	86	..	3.5	..	1.2	0	0	15	00	0	0	8	1	0	0	6	16	0
	0530	1587	1424.5	834.3	..	18.9	17.7	17.1	19.5	89	..	4.5	..	2.2	0	0	25	00	0	1	12	0	0	0	12	6	0
	0830	1587	1431.2	835.2	-0.4	20.4	18.2	17.2	19.6	81	+ 2	4.6	+0.2	2.4	0	0	25	00	0	0	15	1	0	1	8	6	0
	1130	1587	1432.9	835.4	..	25.9	20.4	18.0	20.6	63	..	3.9	..	2.1	0	0	25	02	0	1	8	0	1	1	12	6	0
	1430	1587	1413.6	833.7	..	28.6	21.6	18.4	21.1	55	..	3.3	..	2.0	0	0	25	00	1	1	7	0	0	2	14	6	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – AUGUST ,1968 (10 SRAVANA - 9 BHADRA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or at gpm. of nearest standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry bulb	Mean temperature in °C: Wet bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	Wind speed (Km. p. h.): 62 or more	Wind speed: 20 to 61	Wind speed: 1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
JAMMU AND KASHMIR (CONTD.)																											
SRINAGAR	1730	1587	1402.3	832.6	-0.2	28.0	21.1	17.6	20.1	56	+3	3.4	-0.6	4.2	0	0	23	00	0	0	11	2	1	1	8	8	0
	2030	1587	1411.7	833.3	..	23.2	19.5	17.8	20.4	73	..	3.8	..	1.6	0	0	19	00	0	1	5	1	0	0	12	12	0
	2330	1587	1425.7	834.5	..	20.6	18.5	17.5	20.0	82	..	3.1	..	1.8	0	0	20	00	0	0	11	0	0	0	9	11	0
SRINAGAR AERODROME	0530	1666	1428.7	826.8	..	17.7	16.1	15.2	17.3	85	..	4.7	..	2.9	0	0	11	01	0	1	0	3	2	3	1	20	0
	0830	1666	1434.5	827.6	..	20.9	17.4	15.6	17.7	72	..	4.8	..	3.4	0	0	15	02	0	5	3	1	1	2	1	16	0
	1130	1666	1432.6	827.7	..	26.9	19.0	15.9	18.1	58	..	4.5	..	6.9	0	0	27	01	3	3	4	7	1	3	3	4	2
	1730	1666	1406.8	825.4	..	26.8	19.1	14.9	16.9	49	..	4.1	..	8.8	0	0	28	03	1	3	7	3	2	7	2	3	0
	2330	1666	1429.0	827.1	..	20.1	16.3	14.1	16.1	69	..	3.1	..	5.7	0	0	18	00	0	4	5	3	4	2	0	0	0
GULMARG	0830	2655	3083.4	736.5	-0.9	16.0	13.9	12.5	14.5	80	-1	4.9	+0.6	2.0	0	0	18	00	15	0	0	0	0	0	3	13	0
	1730	2655	3076.2	735.7	..	18.0	16.0	14.8	16.8	82	..	4.5	..	2.0	0	0	16	00	14	0	0	0	1	0	1	15	0
QAZIGUND	0830	1690	..	..	..	19.7	17.5	16.5	18.8	83	..	5.1	..	1.3	0	0	10	01	2	1	1	2	0	3	0	21	0
	1730	1690	..	..	..	25.1	19.5	16.5	18.8	59	..	4.5	..	7.4	0	5	16	00	1	0	0	12	2	6	0	10	0
BANIHAL	0830	1630	1430.2	830.6	..	19.5	17.8	16.9	19.3	85	..	4.7	..	0.1	0	0	1	00	0	0	0	1	0	0	0	30	0
	1730	1630	1412.6	829.3	..	25.0	20.0	17.6	20.1	64	..	4.7	..	1.5	0	0	11	00	0	0	0	11	0	0	0	20	0
JAMMU	0830	366	997.8	957.5	..	26.3	24.6	23.6	29.1	84	+3	5.0	+0.1	3.1[b]	0	0	24	03	13	1	2	3	0	0	2	7	0
	1730	366	999.0	959.0	..	30.6	27.3	25.8	33.2	78	..	4.3	..	1.2	0	0	11	00	9	0	0	2	0	0	0	18	0
JAMMU AERODROME	0530	292	998.9	966.3	..	25.4	24.0	23.4	28.8	89	..	4.1	..	1.8	0	0	7	01	4	0	2	0	0	0	0	24	0
	0830	292	1000.2	967.6	..	27.1	24.4	23.3	28.6	82	..	4.7	..	2.5	0	0	9	01	5	0	0	2	1	0	0	22	0
	1130	292	1000.4	968.1	..	29.9	25.8	23.9	29.7	72	..	4.7	..	4.5	0	0	17	01	0	0	7	5	3	1	0	14	0
	1730	292	997.9	965.8	..	31.0	26.3	23.9	29.7	69	..	4.5	..	3.8	0	0	14	00	1	0	4	3	3	3	0	17	0
	2330	292	999.6	967.0	..	26.7	24.9	24.1	30.0	86	..	2.6	..	1.6	0	0	6	00	5	0	0	0	0	1	0	25	0
GULMARG (RESEARCH INSTITUTE)	0830		..	..	..	15.4	13.8	11.4	13.5	72	..	4.9	..	3.6	0	0	27	00	1	6	4	2	0	11	3	4	0
	1130		..	..	..	17.2	14.9	13.3	15.3	73	..	4.9	..	2.8	0	0	28	00	3	11	1	2	0	10	1	3	0
	1730		..	..	..	17.5	14.9	12.7	14.7	77	..	4.2	..	2.5	0	0	29	00	2	18	1	1	0	6	1	2	0
RAJASTHAN, WEST																											
GANGANAGAR	0530	177	997.9	978.3	..	28.6	24.4	22.5	27.3	70	..	1.6	..	2.4	0	1	16	00	1	3	2	2	9	0	0	14	0
	0830	177	999.1	979.6	-0.2	30.0	25.1	22.8	27.7	67	-1	1.4	-0.4	2.2	0	0	24	00	1	2	7	1	13	0	0	7	0
	1130	177	999.3	980.0	..	35.1	26.4	22.4	27.1	49	..	1.8	..	1.9	0	0	26	00	1	2	5	0	16	2	0	5	0
	1730	177	996.0	977.0	+0.1	36.4	26.6	22.1	26.6	45	-11	3.5	+0.6	1.4	0	0	19	00	4	3	2	0	8	2	0	12	0
	2330	177	998.1	978.6	..	31.0	25.6	23.2	28.4	84	..	1.2	..	1.0	0	0	15	00	1	8	1	3	2	0	0	16	0
ANUPGARH	0830		(R)																								
	1730		(R)																								
CHURU	0830	291	1000.6	968.3	+0.2	28.4	25.7	24.6	30.9	88	+1	2.6	-1.9	13.1[b]	0	12	17	00	0	4	1	2	2	20	0	0	0
	1730	291	997.0	965.5	+0.1	34.4	28.3	25.9	33.4	62	+1	3.6	-1.6	7.9[b]	0	0	28	01	0	6	1	3	5	11	2	1	0
BIKANER	0830	224	1000.5	975.7	+0.4	29.1	24.3	22.1	26.4	66	-8	2.5	+0.2	10.0	0	0	31	00	1	1	0	8	18	3	0	0	0
	1730	224	997.0	972.9	+0.6	36.8	25.8	20.3	23.8	39	-14	3.1	+0.1	7.9	0	1	26	01	2	2	1	8	9	3	1	4	0
BIKANER P.B.O.	0530	224	998.9	974.0	..	28.1	23.5	21.1	25.0	65	..	2.5	..	8.2	0	0	30	01	2	0	0	3	22	2	0	1	0
	1130	224	1000.0	975.6	..	34.1	24.8	20.1	23.5	44	..	2.5	..	8.6	0	0	30	00	2	1	1	4	17	5	0	1	0
	1430	224	997.8	973.6	..	37.4	24.9	18.4	21.1	34	..	2.9	..	7.2	0	0	30	01	3	1	4	6	13	1	1	1	0
	2030	224	998.0	973.7	..	33.9	24.0	18.7	21.6	42	..	2.1	..	8.1	0	1	27	00	3	1	4	13	7	0	0	3	0
	2330	224	999.2	974.5	..	31.3	23.6	19.8	23.1	51	..	2.1	..	8.8	0	0	31	00	1	0	4	14	12	0	0	0	0
NAGAUR	0830	298	1000.8	967.9	+0.6	28.0	25.0	23.8	29.5	79	+5	2.9	-1.8	8.9	0	0	31	01	1	1	1	11	15	1	0	0	0
	1730	298	997.4	965.1	+1.2	34.1	26.5	23.1	28.3	54	-4	3.7	-1.7	10.3	0	0	31	00	1	3	2	13	11	1	0	0	0
PHALODI	0830	234	1000.8	974.8	-0.2	27.9	24.1	22.3	26.9	72	-9	2.4	-2.0	23.4	0	20	10	01	1	0	1	9	14	3	1	1	0
	1730	234	997.9	972.7	-0.1	36.7	26.2	21.3	25.3	41	-19	1.7	-2.6	18.2	0	12	19	01	0	4	1	12	11	1	1	0	0
JAISALMER	0830	242	999.4	972.5	-0.3	26.3	0.0	0.0	0.0	0	..	.	..	26.0	0	25	6	00	2	0	1	14	14	0	0	0	0
	1730	242	995.4	969.7	-0.3	37.6	0.0	0.0	0.0	0	..	.	..	23.9	0	21	10	00	1	0	1	14	13	1	1	0	0
JODHPUR	0230	224	1000.0	975.1	+5.1	27.5	23.6	21.4	25.5	68	+9	2.4	-1.0	14.3	0	4	27	00	1	1	0	7	22	0	0	0	0
	0530	224	1000.1	975.1	..	26.4	23.2	21.4	25.8	78	..	2.4	..	14.1	0	2	29	00	1	1	0	3	23	3	0	0	0
	0830	224	1001.6	976.6	+0.2	27.4	23.5	21.7	25.9	71	-10	4.4	-1.5	19.7	0	13	18	00	1	1	0	3	19	7	0	0	0
	1130	224	1001.7	977.0	..	31.5	24.8	21.6	25.8	55	..	4.5	..	21.0	0	12	19	00	1	1	1	3	19	6	0	0	0
	1430	224	999.5	975.4	..	34.6	25.3	20.5	24.1	45	..	4.0	..	18.5	0	12	19	00	1	1	2	5	21	1	0	0	0
	1730	224	998.2	973.8	+0.3	34.9	25.1	20.3	23.8	44	-17	3.5	-2.3	18.6	0	10	21	00	1	1	1	3	23	2	0	0	0
	2030	224	999.5	974.9	..	31.9	24.5	20.8	24.6	53	..	3.4	..	13.4	0	3	28	00	0	2	1	13	12	3	0	0	0
	2330	224	1000.9	976.0	..	29.5	23.9	20.9	24.7	61	..	2.5	..	14.7	0	6	23	00	1	1	0	10	16	1	0	2	0
BARMER	0530	194	999.2	977.4	..	26.0	22.1	20.1	23.5	70	..	2.6	..	6.8	0	0	30	00	1	0	1	2	23	2	1	1	0
	0830	194	1000.7	979.0	-0.3	27.2	23.0	20.8	24.6	68	-13	3.9	-1.4	6.3	0	1	27	00	1	1	0	2	21	3	0	3	0
	1130	194	1000.6	979.2	..	31.6	24.5	20.9	24.7	53	..	3.5	..	6.2	0	0	27	00	1	0	1	5	17	2	1	4	0
	1730	194	997.3	976.2	-0.3	35.3	25.6	21.2	25.2	44	-15	2.1	-2.8	8.1	0	1	29	00	1	0	1	6	19	2	1	1	0
	2330	194	999.9	978.4	..	29.6	23.5	20.4	24.0	58	..	1.5	..	8.5	0	1	30	00	1	0	0	4	23	2	1	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — AUGUST ,1968 (10 SRAVANA - 9 BHADRA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or M. in gpm. of nearest standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry Bulb	Mean temperature in °C: Wet Bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.): 62 or more	20 to 61	1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
RAJASTHAN WEST (CONTD)																											
JAWAI BANDH	0830	295	1002.2	969.2	+0.1	26.0	23.9	22.9	27.9	83	+ 0	5.0	-1.6	3.2	0	0	28	00	1	0	6	11	9	1	0	3	0
	1730	295	999.4	967.0	+0.6	29.6	25.4	23.3	28.6	70	+ 1	4.4	-2.2	4.0	0	0	30	00	0	0	5	9	15	1	0	1	0
JALORE	0830		..	..	..	29.8	23.3	19.8	23.1	52	..	.	..	9.6[a]	0	1	29	00	2	2	2	1	8	12	3	0	0
	1730		..	..	..	32.9	25.8	22.4	27.1	56	..	5.4	..	15.4	0	7	24	00	1	1	14	4	9	1	1	0	0
RAJASTHAN, EAST																											
PILANI	0830	301	1000.8	967.5	-0.7	27.7	25.2	24.0	29.8	81	+ 4	2.7	-0.5	19.7	0	14	17	00	0	2	3	1	13	10	2	0	0
	1730	301	997.1	964.6	+0.0	33.9	27.6	24.9	31.5	59	- 7	4.2	+0.2	15.1	0	7	24	01	2	2	8	1	8	6	3	0	0
SIKAR	0830	433	1000.3	952.8	-0.3	26.5	23.0	21.1	25.0	77	- 6	1.0	-4.0	0.4	0	0	6	00	0	0	0	0	0	6	0	25	0
	1730	433	996.9	950.5	+0.1	32.7	24.8	22.0	26.4	50	-17	1.8	-3.6	0.5	0	0	7	00	0	0	0	0	0	6	1	24	0
ALWAR	0830	271	1000.0	970.0	+0.4	28.3	24.7	23.0	28.1	74	- 7	4.4	-1.1	1.8	0	0	18	02	2	2	1	0	1	8	2	13	0
	1730	271	997.1	967.6	+0.1	32.0	26.0	23.4	28.8	63	-11	4.2	-1.4	1.2	0	0	17	00	1	1	2	1	3	8	1	14	0
JAIPUR(SANGANER)	0230	390	999.6	956.4	..	25.4	23.5	22.5	27.3	84	..	4.0	..	3.5	0	0	21	01	1	4	0	0	2	9	4	10	0
	0530	390	999.7	956.4	..	24.5	23.0	22.1	26.6	87	..	4.5	..	4.5	0	1	18	02	0	5	0	0	0	6	6	12	0
	0830	390	1000.7	957.9	-0.3	26.8	23.8	22.3	26.9	77	- 5	4.9	-0.7	10.1	0	2	28	03	0	3	2	0	1	10	11	1	0
	1130	390	1001.0	958.3	..	29.6	24.7	22.3	26.9	66	..	5.2	..	11.0	0	4	26	01	2	2	2	0	1	11	11	1	0
	1430	390	999.0	956.6	..	31.4	25.6	22.5	27.3	61	..	5.5	..	7.9	0	1	26	01	2	2	1	3	6	9	3	4	0
	1730	390	998.1	955.6	+0.2	30.2	24.9	22.3	26.9	65	- 6	5.0	-1.3	7.0	0	1	28	00	1	3	2	1	8	12	2	2	0
	2030	390	999.5	956.7	..	27.7	24.6	23.1	28.3	77	..	4.5	..	3.4	0	0	18	01	1	2	1	1	5	6	1	13	0
	2330	390	1000.6	957.6	..	26.4	24.0	22.9	27.9	81	..	4.1	..	3.7	0	1	16	00	0	3	0	0	4	7	3	14	0
DHOLPUR	0830	176	1000.4	980.7	+0.4	27.5	24.8	23.5	28.9	79	- 6	3.4	-2.7	1.9	0	0	13	00	1	2	0	1	0	9	0	18	0
	1730	176	997.4	978.0	+0.4	31.1	25.9	23.6	29.1	66	-11	2.3	-4.0	1.5	0	0	8	00	0	1	0	1	0	6	0	23	0
AJMER	0830	486	1001.6	948.1	+0.2	25.4	22.6	21.3	25.3	78	- 2	5.2	-0.8	16.7	0	12	19	00	2	1	0	2	12	14	0	0	0
	1730	486	997.9	945.5	-0.1	30.9	24.4	21.5	25.6	58	- 8	4.1	-1.8	11.2	0	2	25	00	1	1	2	0	12	11	0	4	0
TONK	0830	272	1000.4	970.1	+0.9	27.4	24.5	23.0	28.1	78	-10	4.5	-1.2	6.1	0	0	31	00	2	2	0	1	3	21	2	0	0
	1730	272	997.1	967.4	+0.9	31.1	25.8	23.1	28.3	64	-13	4.6	-0.8	5.5	0	0	30	01	2	2	0	2	10	11	2	1	0
BHILWARA	0830	425	1002.0	954.9	..	25.4	23.7	22.8	27.7	86	..	5.7	..	9.9	0	2	29	01	2	0	1	1	18	7	1	0	0
	1730	425	999.2	952.9	..	29.5	26.1	24.5	30.7	78	..	6.2	..	9.5	0	2	29	01	2	1	1	1	23	0	2	0	0
KOTA	0830	257	1001.6	973.1	+0.3	26.8	24.3	23.2	28.4	81	+ 0	5.2	-0.9	11.5	0	0	31	01	0	1	1	0	5	17	6	0	0
	1730	257	970.7	998.9	+8.8	30.4	25.6	23.5	28.9	68	- 1	5.2	-1.4	8.3	0	1	27	02	1	0	1	0	14	8	2	3	0
KOTA AERODROME	0530	274	1000.1	969.5	..	25.1	23.3	22.4	27.1	85	..	4.3	..	16.2	0	10	21	02	0	1	2	0	10	15	0	0	0
	0830	274	1001.8	971.2	..	26.5	23.7	22.4	27.1	78	..	4.7	..	17.1	0	13	17	00	1	0	2	0	9	15	3	1	0
	1130	274	1002.0	971.7	..	28.9	24.4	22.3	26.9	69	..	5.7	..	19.2	0	15	16	02	1	0	1	0	3	22	2	0	0
	1730	274	999.1	969.0	..	29.7	24.5	22.0	26.4	65	..	5.7	..	16.8	0	12	19	01	3	0	1	0	13	11	2	0	0
	2330	274	1001.6	971.1	..	26.7	23.9	22.5	27.3	78	..	3.8	..	15.9	0	11	19	01	1	0	1	0	15	12	0	1	0
CHAMBAL (RAWAT BHATTA DAM)	0830	351	1000.7	961.8	-0.7	25.7	23.8	22.9	27.9	82	- 5	4.4	-1.2	3.6	0	0	20	01	0	0	1	3	9	4	2	11	0
	1730	351	997.9	959.5	-0.5	29.4	25.3	23.2	28.4	71	- 7	5.1	-1.3	6.1	0	3	24	01	0	0	3	0	18	4	1	4	0
UDAIPUR	0230	582	1001.4	937.4	..	23.6	21.7	20.7	24.4	87	..	0.5	..	3.1	0	0	11	02	0	0	0	2	7	0	0	20	0
	0530	582	1001.3	937.2	..	23.0	21.2	20.3	23.8	85	..	4.7	..	2.3	0	0	11	01	0	0	0	0	10	0	0	20	0
	0830	582	1002.5	938.5	+0.4	24.3	21.9	20.7	24.4	80	- 1	5.5	-1.2	3.4	0	0	24	00	1	0	1	0	20	0	2	7	0
	1130	582	1002.4	939.0	..	26.6	23.0	21.2	25.2	73	..	5.6	..	6.9	0	0	31	02	0	1	1	4	17	4	2	0	0
	1730	582	1000.2	936.9	+0.7	27.0	23.0	21.2	25.2	72	- 3	6.0	-0.9	5.8	0	0	27	01	0	0	1	4	15	5	1	4	0
	2330	582	1002.7	938.7	..	24.2	22.2	21.2	25.2	83	..	3.8	..	2.5	0	0	11	01	1	0	0	1	6	1	1	20	0
JHALAWAR	0830	321	1002.6	966.8	+0.8	25.7	23.3	22.2	26.7	81	- 4	6.3	+0.5	4.8	0	0	31	01	0	1	1	0	14	12	2	0	0
	1730	321	999.6	964.4	+1.1	29.1	24.1	21.6	25.8	64	- 9	6.2	+0.5	3.5	0	0	22	01	1	1	0	0	8	10	1	9	0
BANSWARA	0830	220	..	..	..	25.6	23.7	23.0	28.1	85	..	3.9	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	220	..	..	..	28.2	24.6	22.9	27.9	75	..	3.1	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
DUNGARPUR	0830		..	..	..	24.5	23.3	22.3	26.9	90	..	5.5	..	1.5	0	0	13	00	0	0	0	0	7	4	2	18	0
	1730		..	..	..	25.5	24.1	23.6	29.1	89	..	3.9	..	1.4	0	0	12	00	0	2	0	0	5	3	2	19	0
MADHYA PRADESH, WEST																											
GWALIOR	0230	207	999.4	976.3	..	26.1	24.0	23.0	28.3	83	..	4.0	..	6.6	0	0	27	00	1	1	0	5	12	7	1	4	0
	0530	207	999.5	976.4	..	25.7	23.7	22.7	27.6	85	..	5.0	..	7.0	0	0	30	01	1	0	1	4	8	11	4	1	0
	0830	207	1000.9	977.8	+0.1	27.7	24.7	23.2	28.6	77	- 5	5.3	-1.1	9.8	0	0	31	03	2	1	1	3	1	19	1	0	0
	1130	207	1001.0	978.1	..	30.5	25.8	23.7	29.3	69	..	6.0	..	10.5	0	0	31	02	3	2	1	3	0	15	5	0	0
	1430	207	999.1	976.4	..	31.5	26.2	23.8	29.7	65	..	5.8	..	9.5	0	0	31	02	1	2	1	3	2	10	10	0	0
	1730	207	998.1	975.4	+0.5	30.7	25.8	23.6	29.3	67	- 8	6.1	-0.5	9.2	0	0	31	02	4	1	1	2	6	11	4	0	0
	2030	207	999.7	976.7	..	28.0	25.2	23.9	29.7	79	..	4.5	..	5.1	0	0	25	01	2	3	0	5	8	4	2	6	0
	2330	207	1000.5	977.5	..	27.0	24.7	23.6	29.3	82	..	4.0	..	6.3	0	0	29	00	2	2	1	2	14	6	2	2	0
SHEOPUR	0830	235	1001.7	975.5	+0.9	26.0	24.2	23.4	28.8	86	- 2	5.5	-1.4	8.5	0	0	31	05	1	0	0	9	7	8	1	0	0
	1730	235	998.5	972.7	+1.0	30.5	25.4	22.9	28.3	66	-12	5.7	-0.5	10.9	0	2	28	03	2	0	4	2	4	9	6	1	0
SHIVPURI	0830	464	1001.3	950.0	..	25.0	23.2	22.3	27.1	85	..	5.1	..	9.4	0	4	22	00	3	2	0	1	7	11	2	5	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — AUGUST ,1968 (10 SRAVANA - 9 BHADRA ,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of mean standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry bulb	Mean temperature in °C Wet bulb	Mean temperature in °C Dew point	Vapour pressure in mb.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	38 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH, WEST (CONTD)																											
SHIVPURI	1730	464	998.5	947.9	..	28.6	24.0	21.9	26.4	68	..	4.9	..	10.9	0	1	29	00	4	1	1	1	5	15	3	1	0
NOWGONG	0830	229	1001.6	976.1	+0.4	28.7	24.7	23.8	29.5	84	- 1	5.3	-1.0	5.7	0	0	30	01	2	1	1	2	14	5	3	1	1
	1730	229	998.4	973.3	+0.6	30.6	26.0	23.9	29.8	70	- 7	4.8	-1.6	7.2	0	0	29	00	4	1	1	1	17	0	2	2	3
GUNA	0530	478	1000.6	947.5	..	23.0	22.3	21.9	26.3	94	..	5.9	..	11.3	0	5	25	01	1	0	1	3	10	11	3	1	0
	0830	478	1001.9	949.1	+0.0	24.7	23.1	22.4	27.1	87	- 1	6.4	+0.3	9.3	0	3	28	01	1	0	1	3	5	18	2	0	0
	1130	478	1002.1	949.7	..	27.2	24.4	23.2	28.4	82	..	6.8	..	14.3	0	5	26	03	0	0	1	1	4	19	3	0	0
	1430	478	1000.2	948.0	..	28.1	24.6	23.2	28.3	76	..	7.1	..	13.6	0	5	25	00	1	0	1	0	8	13	7	1	0
	1730	478	999.1	946.9	+0.3	27.7	24.5	23.1	28.4	77	- 3	6.8	+0.3	12.3	0	3	28	02	1	0	1	1	7	16	3	0	0
	2330	478	1002.1	949.2	..	24.2	23.0	22.4	27.3	90	..	4.6	..	11.1	0	1	30	02	0	1	2	2	7	16	1	0	0
NIMACH	0830	496	1003.1	948.1	+0.1	24.0	22.3	21.4	25.6	86	+ 0	6.6	-0.3	16.1	0	7	24	00	1	2	0	0	11	17	0	0	0
	1730	496	1000.9	946.5	+0.4	26.9	23.0	21.2	25.3	72	- 3	6.2	-0.5	19.0	0	13	18	00	2	0	1	0	9	18	0	0	1
RAJGARH	0830	382	1002.5	960.1	+0.9	24.7	23.2	22.5	27.3	89	+ 1	6.4	-0.5	14.2	0	7	23	03	0	0	1	1	9	16	0	1	0
	1730	382	999.5	957.6	+0.8	28.0	24.2	22.2	27.1	72	- 5	6.3	-0.5	15.3	0	5	26	02	1	0	1	0	4	21	2	0	0
SAGAR	0830	551	1001.9	941.3	+0.4	24.6	22.1	21.0	24.7	81	- 9	6.3	-0.6	9.0	0	0	31	00	3	3	0	0	8	12	5	0	0
	1730	551	998.0	938.2	-0.1	27.4	24.8	23.7	29.3	81	- 1	5.8	-0.9	9.6	0	0	31	00	6	7	0	0	3	6	9	0	0
RATLAM	0830	486	1003.6	949.6	+0.6	23.6	22.2	21.6	25.8	89	- 4	7.6	-0.1	15.9	0	10	21	00	0	1	0	1	9	17	3	0	0
	1730	486	1000.9	947.5	+0.7	26.3	23.3	22.0	26.4	79	+ 1	7.1	-0.3	14.8	0	6	25	00	0	0	1	2	8	15	5	0	0
BHOPAL (BAIRAGARH)	0230	523	1001.6	943.6	..	23.0	21.6	21.0	24.7	89	..	6.6	..	14.5	0	4	27	00	1	1	1	0	7	16	5	0	0
	0930	523	1001.5	943.5	..	22.6	21.5	20.9	24.7	90	..	6.8	..	14.6	0	5	26	01	0	0	1	1	6	19	3	0	0
	0830	523	1002.8	945.1	+0.1	24.1	22.3	21.4	25.6	85	- 3	7.2	+0.2	17.6	0	11	20	02	0	0	1	1	4	19	4	0	0
	1130	523	1002.8	945.3	..	26.0	23.0	21.7	25.9	78	..	7.5	..	19.0	0	14	17	00	1	0	1	1	3	15	10	0	0
	1430	523	1000.8	943.7	..	27.2	23.5	21.8	26.3	74	..	7.4	..	19.3	0	16	15	00	1	0	1	0	6	14	9	0	0
	1730	523	999.9	942.8	+0.6	26.9	23.1	21.4	25.5	74	- 2	7.0	+0.2	16.6	0	9	22	01	0	1	1	0	4	19	5	0	0
	2030	523	1001.8	944.2	..	24.7	22.6	21.6	25.9	83	..	6.6	..	11.8	0	0	31	00	0	0	2	1	10	14	4	0	0
	2330	523	1002.8	944.9	..	23.8	22.0	21.1	25.2	85	..	6.5	..	12.6	0	1	29	01	0	0	1	2	7	17	2	1	0
UJJAIN	0830	489	1003.3	949.0	..	23.6	22.4	21.8	26.3	90	..	7.3	..	14.9	0	8	23	00	0	1	1	1	1	23	4	0	0
	1730	489	1000.7	947.1	..	26.8	23.2	21.6	25.8	75	..	6.8	..	23.7	0	24	7	00	1	0	1	0	1	23	5	0	0
NARSINGHPUR	0830	356	1002.4	962.8	..	24.9	23.3	22.4	27.3	86	..	6.3	..	4.1	0	0	30	00	1	0	0	0	12	15	1	1	1
	1730	356	999.4	960.2	..	27.7	24.4	22.7	27.9	76	..	6.4	..	2.1	0	0	31	00	2	0	0	0	24	3	2	0	0
HOSHANGABAD	0830	302	1003.4	969.5	+0.6	24.3	23.0	22.4	26.9	89	+ 0	7.3	+0.2	2.0	0	0	31	00	0	0	1	1	28	0	1	0	0
	1730	302	1000.3	966.9	+1.0	27.3	23.7	22.1	26.3	75	- 3	6.5	-0.4	2.0	0	0	31	01	0	0	8	3	8	6	5	0	0
INDORE	0530	567	1002.3	939.4	..	21.8	20.9	20.4	24.1	92	..	6.7	..	18.6	0	10	21	01	0	1	0	2	13	14	0	0	0
	0830	567	1003.6	940.9	+0.4	23.2	21.8	21.1	25.0	88	+ 0	6.9	-0.2	21.9	0	16	15	00	1	0	0	3	10	17	0	0	0
	1130	567	1003.5	941.1	..	25.0	22.2	20.9	24.7	79	..	6.9	..	22.8	0	18	13	00	1	0	0	1	11	17	1	0	0
	1730	567	1000.8	938.8	+0.8	25.8	22.3	20.5	24.4	74	- 3	6.7	-0.1	23.5	0	19	12	00	2	0	0	2	9	18	0	0	0
	2330	567	1003.6	940.8	..	22.7	21.3	20.6	24.1	88	..	5.5	..	17.5	0	9	22	00	0	1	0	2	13	14	1	0	0
RAJPUR (JHABUA)	0830	293	1004.5	971.7	+0.7	24.6	23.0	22.1	26.7	86	- 4	6.9	-0.5	14.7	0	3	28	00	0	0	0	0	1	29	0	0	0
	1730	293	1002.2	969.8	+1.5	27.6	23.7	21.8	26.1	72	- 5	6.6	-0.2	14.8	0	4	27	00	0	0	0	2	2	27	0	0	0
CHHINDWARA	0830	685	1002.8	927.7	+0.5	23.2	21.4	20.5	24.1	86	- 1	7.0	+0.4	7.6	0	0	31	00	0	0	0	2	8	19	2	0	0
	1730	685	1000.1	925.7	+0.9	25.6	22.2	20.6	24.3	75	- 4	6.6	-0.2	6.4	0	0	30	01	0	0	0	2	10	5	12	1	0
SEONI	0830	619	1002.4	934.5	+0.3	23.8	22.3	21.6	25.9	88	+ 2	6.7	-0.2	10.9	0	0	31	00	0	0	0	4	11	11	5	0	0
	1730	619	999.7	932.5	+0.8	25.7	23.3	21.9	26.7	79	+ 0	6.6	-0.5	10.5	0	3	27	00	0	0	1	2	5	16	6	1	0
BETUL	0830	653	1003.8	931.8	+0.1	22.7	21.5	20.9	24.7	90	- 1	7.0	-0.7	7.9	0	0	31	00	0	0	2	0	2	22	5	0	0
	1730	653	1000.7	929.5	+0.8	25.1	22.4	21.2	25.0	80	- 1	6.7	-0.9	9.1	0	0	31	03	0	0	1	4	4	13	6	0	0
KHANDWA	0830	318	1004.0	968.3	+0.6	24.3	22.5	21.5	25.8	84	+ 0	6.0	-0.7	7.1	0	0	31	01	0	0	0	4	14	11	1	0	0
	1730	318	1000.9	965.8	+0.9	27.8	23.3	21.0	25.0	69	- 4	6.5	-0.4	7.2	0	2	29	03	0	0	0	2	10	8	8	0	0
TIKAMGARH	0830	346	997.9	959.6	..	24.9	23.5	22.9	27.7	88	..	4.9	..	6.6	0	0	31	03	3	0	2	1	11	9	2	0	0
	1730	346	994.9	957.3	..	29.5	25.4	23.5	28.9	72	..	5.8	..	8.0	0	2	29	01	4	0	3	1	7	12	3	0	0
MADHYA PRADESH, EAST																											
SATNA	0530	317	1000.0	964.7	..	24.8	23.6	22.9	28.1	90	..	4.6	..	5.0	0	1	26	02	0	1	1	1	2	19	1	4	0
	0830	317	1001.2	966.1	+0.5	26.9	24.4	23.2	28.6	81	- 6	5.1	-1.4	4.8	0	0	29	01	1	4	1	1	0	21	0	2	0
	1130	317	1001.0	966.1	..	29.4	24.9	22.8	27.9	69	..	5.3	..	5.9	0	0	30	00	0	5	0	3	4	17	1	1	0
	1430	317	998.9	964.2	..	30.1	25.2	22.8	27.9	67	..	5.4	..	4.6	0	0	31	00	3	2	1	2	4	15	4	0	0
	1730	317	998.0	963.2	+0.2	29.7	24.9	22.9	27.6	67	-12	4.8	-1.8	3.8	0	0	31	03	2	2	1	4	1	16	2	0	0
	2330	317	1000.9	965.6	..	26.0	24.2	23.3	28.8	86	..	2.3	..	3.5	0	0	27	01	0	5	0	4	5	12	0	4	0
REWA	0830	299	1000.6	967.5	..	27.5	24.6	23.2	28.6	78	..	5.9	..	4.4	0	0	29	01	2	2	1	1	5	15	2	2	0
	1730	299	997.5	964.8	..	30.7	25.3	22.6	27.7	64	..	5.8	..	4.0	0	0	29	00	2	1	1	1	2	16	6	2	0
SIDHI	0830	272	1000.0	969.9	+0.5	27.3	25.0	24.0	29.7	82	- 3	4.8	-1.1	1.0	0	0	19	00	0	4	1	6	3	4	1	12	0
	1730	272	997.4	967.6	+0.8	30.3	25.9	24.0	29.8	70	- 9	3.9	-1.7	0.8	0	0	6	00	0	2	0	2	0	1	1	25	0
UMARIA	0830	459	1001.8	951.1	+0.5	25.4	23.4	22.5	27.3	84	- 1	6.6	-0.4	4.6	0	0	31	02	1	1	1	2	5	13	4	0	2

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — AUGUST 1968 (10 SRAVANA - 9 BHADRA, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of mean standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind speed (Km. p.h.) 0 or calm	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH, EAST (CONTD.)																											
UMARIA	1730	459	998.2	948.3	+0.4	28.4	24.6	22.9	28.1	73	- 8	6.2	-1.1	5.4	0	0	31	03	0	1	1	1	8	12	5	0	0
JABALPUR	0530	393	1000.9	957.2	..	24.0	23.1	22.7	27.6	92	..	7.0	..	3.0	0	0	21	00	0	0	0	5	4	12	0	10	0
	0830	393	1002.4	958.9	+0.6	25.2	23.5	22.7	27.6	87	- 0	6.8	-0.4	5.7	0	0	31	00	1	0	1	2	9	16	2	0	0
	1130	393	1002.0	959.0	..	27.4	24.3	22.9	27.9	77	..	6.7	..	6.0	0	0	31	00	1	2	0	1	7	18	2	0	0
	1430	393	1000.0	957.0	..	28.4	24.8	23.0	28.3	74	..	6.5	..	5.9	0	0	30	02	1	1	0	2	9	12	3	1	0
	1730	393	999.2	956.2	+0.7	27.9	24.4	22.8	27.6	75	- 5	6.6	-0.7	8.4	0	0	29	00	0	0	0	2	9	13	5	2	0
	2030	393	1001.3	957.9	..	26.0	23.9	22.9	27.9	84	..	5.2	..	4.8	0	0	25	01	0	0	0	3	7	13	1	6	0
	2330	393	1001.8	958.3	..	24.9	23.6	22.9	27.9	88	..	5.5	..	4.3	0	0	23	01	0	0	1	3	8	10	0	8	0
AMBIKAPUR	0830	611	1001.4	934.7	+0.5	25.2	23.4	22.7	27.4	86	- 2	5.0	-0.1	5.4	0	1	25	01	1	3	1	3	7	7	3	5	0
	1730	611	998.4	932.2	+0.3	26.6	23.6	22.3	26.9	79	- 4	6.1	+0.3	6.1	0	0	31	07	1	3	1	11	2	6	0	0	0
JASHPURNAGAR	0830	779	1001.0	916.7	..	24.2	22.3	21.3	25.5	88	..	5.8	..	2.2	0	0	27	00	3	0	0	0	12	2	10	4	0
	1730	779	998.0	914.3	..	25.4	22.8	21.6	25.8	80	..	5.8	..	1.9	0	0	22	00	0	0	2	3	14	1	2	9	0
PENDRA	0530	625	1000.5	931.9	..	23.0	21.8	21.3	25.2	91	..	6.0	..	6.7	0	5	12	02	0	0	0	5	2	3	5	14	0
	0830	625	1001.8	933.5	+0.2	24.5	22.7	21.8	26.3	85	- 2	5.9	+0.5	7.2	0	2	24	03	0	0	1	6	3	4	9	5	0
	1130	625	1001.2	933.4	..	26.8	23.4	21.9	26.3	76	..	5.8	..	9.3	0	2	23	07	0	0	2	3	2	5	6	6	0
	1430	625	999.1	931.5	..	27.0	23.7	22.1	26.9	76	..	6.0	..	10.5	0	5	25	06	1	0	3	6	4	3	7	1	0
	1730	625	998.7	931.0	+0.3	26.1	23.4	22.1	26.7	80	- 5	6.2	-1.1	5.5	0	0	27	04	0	0	1	6	5	5	6	4	0
	2330	625	1001.6	933.2	..	24.0	22.6	21.9	26.4	89	..	6.2	..	6.0	0	2	25	02	1	0	1	7	5	8	3	4	0
MANDLA	0830	443	1002.4	953.4	+0.5	25.0	23.2	22.3	26.9	85	- 3	6.6	-0.4	3.1	0	0	14	05	0	0	1	2	1	4	1	17	0
	1730	443	999.1	950.7	+0.6	27.4	24.1	22.5	27.3	76	- 6	5.9	-1.1	2.8	0	0	12	04	0	0	0	3	0	1	3	19	1
CHAMPA	0830	245	1002.2	974.9	+0.6	26.2	24.5	23.7	29.3	86	- 1	7.4	+0.1	7.3	0	0	29	02	0	0	2	0	9	14	2	2	0
	1730	245	999.2	972.2	+0.9	28.8	25.4	23.5	29.7	75	- 4	7.2	-0.3	8.8	0	1	28	02	0	0	0	3	4	16	4	2	0
RAIGARH	0830	220	1002.2	977.6	+0.8	26.7	24.8	24.0	29.7	85	- 1	6.8	-0.4	4.0	0	0	31	00	1	0	0	3	22	2	3	0	0
	1730	220	999.2	974.9	+1.0	28.5	25.4	24.1	30.0	77	- 1	7.0	-0.3	3.2	0	0	30	00	1	0	1	3	24	0	1	1	0
RAIPUR	0530	298	1001.5	968.1	..	24.5	23.3	22.8	27.6	90	..	6.8	..	6.8	0	0	29	00	0	0	0	3	8	17	1	2	0
	0830	298	1002.9	969.7	+0.8	26.0	24.0	23.1	28.3	84	- 2	6.7	-0.3	7.5	0	0	31	00	0	0	0	2	11	16	2	0	0
	1130	298	1002.6	969.7	..	28.1	24.5	22.8	27.7	74	..	6.8	..	8.5	0	0	31	00	0	0	0	1	7	17	6	0	0
	1430	298	1000.4	967.6	..	29.1	24.8	22.9	27.9	71	..	6.7	..	7.5	0	0	30	01	0	0	0	1	8	18	2	1	0
	1730	298	999.8	966.9	+0.8	27.9	24.3	22.6	27.4	75	- 3	6.7	-0.1	6.5	0	1	29	00	0	0	0	1	7	20	2	1	0
	2030	298	1002.1	968.9	..	26.2	24.0	23.0	28.1	83	..	6.1	..	5.9	0	1	25	00	1	0	0	2	5	17	1	5	0
	2330	298	1002.6	969.3	..	25.4	23.8	23.1	28.1	88	..	6.0	..	6.5	0	0	28	00	0	0	0	1	14	12	1	3	0
KANKER	0830	402	1003.6	959.2	+0.7	25.8	24.0	23.2	28.4	85	- 1	6.8	-0.1	5.3	0	0	25	00	0	0	0	0	12	13	0	6	0
	1730	402	1000.7	956.6	+0.8	27.2	24.9	23.9	29.7	83	+ 4	6.4	-0.8	4.9	0	0	28	00	0	0	0	0	22	3	3	3	0
JAGDALPUR	0530	553	1003.0	941.9	..	22.8	21.6	21.1	24.9	90	..	6.6	..	2.8	0	0	13	00	0	0	0	4	7	2	0	18	0
	0830	553	1004.1	943.4	+0.9	24.7	22.5	21.4	25.6	82	- 4	6.8	+0.0	6.6	0	0	28	00	0	0	0	1	13	11	3	3	0
	1130	553	1003.3	943.1	..	27.2	22.9	21.1	24.7	71	..	7.0	..	9.4	0	0	31	00	0	0	0	1	8	17	5	0	0
	1430	553	1001.1	941.2	..	27.7	23.2	21.1	25.0	69	..	7.2	..	9.5	0	0	31	01	0	0	0	1	10	13	6	0	0
	1730	553	1001.2	940.9	+1.0	26.0	22.8	21.3	25.3	76	- 5	7.4	+0.3	6.3	0	0	28	01	0	0	0	2	17	6	2	3	0
	2030	553	1003.5	942.8	..	24.3	22.4	21.6	25.6	85	..	6.3	..	2.2	0	0	9	00	0	0	0	1	6	2	0	22	0
	2330	553	1004.1	943.1	..	23.6	22.1	21.5	25.6	88	..	6.2	..	2.9	0	0	14	00	0	0	0	1	7	5	1	17	0
GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																											
DEESA	0830	136	1003.2	987.8	+0.9	25.6	23.8	23.0	28.1	85	- 3	.	..	7.4	0	0	30	00	1	0	11	1	13	0	1	1	3
	1730	136	1000.3	984.9	+1.0	31.2	24.8	21.7	25.9	58	-11	.	..	13.7	0	4	27	00	1	0	5	0	22	0	0	0	3
RADHANPUR	0830	30	1002.9	999.5	+0.9	26.9	24.9	24.0	29.8	84	- 5	.	..	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
	1730	30	999.9	996.6	+0.7	31.4	25.3	22.4	27.1	60	-12	.	..	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
IDAR	0830	219	1003.6	978.9	+0.7	24.9	23.2	22.4	27.1	87	- 5	7.4	-0.3	5.5	0	0	27	01	0	0	2	3	17	4	0	4	0
	1730	219	1000.7	976.5	+1.2	29.3	24.4	22.0	26.4	67	- 8	6.9	-0.4	4.8	0	0	30	00	0	0	1	3	17	9	0	1	0
AHMADABAD	0230	55	1002.3	996.0	..	25.9	23.8	22.9	27.9	84	..	5.2	..	13.8	0	5	24	00	0	0	0	1	15	13	0	2	0
	0530	55	1002.4	996.1	..	25.2	23.7	23.0	28.1	87	..	5.6	..	12.1	0	3	26	00	0	0	0	2	15	10	2	2	0
	0830	55	1003.7	997.4	+0.2	26.1	24.2	23.3	28.6	84	+ 0	6.2	-0.7	13.4	0	3	28	00	0	0	0	4	16	9	2	0	0
	1130	55	1004.0	997.8	..	28.6	25.0	23.3	28.6	73	..	6.5	..	17.1	0	8	23	00	1	0	0	2	10	17	1	0	0
	1430	55	1002.1	995.9	..	30.7	25.2	22.6	27.4	64	..	6.8	..	15.2	0	3	27	00	1	0	0	2	15	11	1	1	0
	1730	55	1001.2	995.3	+1.2	30.6	25.0	22.3	26.9	64	- 5	6.4	-0.1	14.2	0	1	28	00	1	0	0	6	10	10	2	2	0
	2030	55	1001.9	995.6	..	28.3	25.1	23.6	29.1	77	..	5.7	..	13.7	0	3	27	00	0	0	1	11	10	7	1	1	0
	2330	55	1003.3	997.0	..	27.2	24.4	23.0	28.1	79	..	5.6	..	13.0	0	1	29	01	0	0	0	3	10	13	3	1	0
DOHAD	0830	333	1003.8	966.5	+0.3	24.1	22.9	22.2	26.7	89	+ 0	6.7	-0.5	25.1	0	19	8	00	0	0	0	0	12	14	1	0	0
	1730	333	1001.3	964.5	+0.7	27.0	23.6	22.0	26.4	74	- 2	6.3	+0.2	21.9	0	16	11	00	0	0	0	1	12	13	1	0	0
VALLABH VIDYANAGAR	0830	44	1003.9	999.0	..	25.5	24.2	23.5	28.9	89	..	6.5	..	7.9	0	1	30	00	0	0	0	2	26	1	2	0	0
	1730	44	1001.2	996.4	..	29.8	25.6	23.5	28.9	71	..	5.5	..	6.4	0	0	31	00	1	0	1	7	20	1	1	0	0
BARODA AERODROME	0830	38	1004.5	1000.2	+0.7	26.2	24.6	23.9	29.7	87	- 2	6.7	-0.4	12.3	0	4	26	00	0	0	1	1	21	6	1	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — AUGUST ,1968 (10 SRAVANA - 9 BHADRA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mb. At mean sea level or in gen. of nearest standard isobaric level	Mean pressure in mb. At station level	Mean pressure in mb. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mb.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 42 or more	20 to 41	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
GUJARAT REGION(INCLUDING DAMAN DADRA AND NAGAR HAVELI(CONTD.)																											
BARODA AERODROME	1130	38	1004.4	1000.3	..	28.6	24.9	23.1	28.3	73	..	6.9	..	14.6	0	8	22	01	0	0	1	0	16	12	0	1	0
	1730	38	1001.6	997.4	+0.9	29.1	25.1	23.1	28.3	72	- 3	6.5	-0.2	13.4	0	16	13	00	0	0	0	3	27	4	0	2	0
BARODA	0530	34	1003.0	999.0	..	25.4	24.1	23.4	28.8	89	..	6.4	..	4.1	0	0	25	00	0	0	0	0	19	6	0	6	0
	0830	34	1004.5	1000.5	+0.3	26.3	24.6	23.8	29.5	86	- 3	6.6	+0.0	4.2	0	0	30	01	0	0	0	1	23	5	0	1	0
	1130	34	1004.7	1000.8	..	29.1	25.2	23.5	28.8	72	..	6.5	..	6.3	0	0	31	01	0	0	0	1	24	5	0	0	0
	1730	34	1001.7	997.8	+0.8	29.7	25.2	23.1	28.3	70	- 3	6.4	+0.2	5.3	0	0	26	00	0	0	0	0	22	3	1	5	0
	2330	34	1004.1	1000.1	..	26.6	24.6	23.7	29.3	84	..	5.2	..	6.3	0	0	30	00	0	0	0	0	28	2	0	1	0
BROACH	0830		..	..	..	..	..	..	..	..	..	6.1	-0.7	5.5	0	0	31	00	0	0	0	1	29	1	0	0	0
	1730		..	..	..	..	..	..	..	..	..	6.2	+0.0	5.0	0	0	31	00	0	0	0	0	31	0	0	0	0
SURAT	0530	12	1003.8	1002.5	..	25.9	24.6	24.0	29.8	89	..	6.0	..	10.0	0	3	28	00	0	0	0	0	31	0	0	0	0
	0830	12	1005.2	1003.9	+0.7	27.0	25.1	24.3	30.4	85	- 1	6.6	-0.7	8.3	0	2	29	00	0	0	0	0	31	0	0	0	0
	1130	12	1005.7	1004.4	..	28.6	25.4	24.0	29.8	77	..	7.0	..	14.6	0	9	22	00	0	0	0	0	31	0	0	0	0
	1730	12	1003.3	1002.0	+1.2	28.5	25.2	23.7	29.3	76	- 3	6.1	-0.6	15.7	0	8	23	00	0	0	0	0	30	1	0	0	0
	2330	12	1005.1	1003.7	..	26.6	24.8	24.0	29.8	86	..	4.8	..	12.9	0	6	25	00	0	0	0	0	31	0	0	0	0
SAURASHTRA AND KUTCH (INCLUDING DIU)																											
NALIYA	0830	21	1002.1	999.6	+0.3	27.0	24.4	23.2	20.1	80	- 5	6.6	+0.0	23.2	0	22	9	00	0	0	0	0	25	4	2	0	0
	1730	21	1000.7	998.2	+0.7	28.6	24.6	22.7	27.6	71	- 4	7.2	+0.6	22.5	0	19	12	00	1	0	0	1	25	4	0	0	0
BHUJ (RUDRAMATA	0230	80	1001.2	992.2	..	26.1	25.0	24.6	30.9	91	..	4.7	..	20.7	0	19	10	00	1	0	0	0	21	6	1	2	0
	0530	80	1001.1	991.8	..	25.7	24.8	24.4	30.5	92	..	5.6	..	19.5	0	14	15	01	0	0	0	0	20	8	0	2	0
	0830	80	1002.2	993.1	-0.4	26.8	25.2	24.5	30.7	87	+ 7	5.8	-0.2	22.3	0	20	10	00	1	0	0	0	20	8	1	1	0
	1130	80	1002.5	993.5	..	30.0	26.2	24.5	30.7	74	..	5.7	..	29.4	0	25	6	00	1	0	0	0	16	13	1	0	0
	1430	80	1000.9	992.0	..	31.4	27.0	25.1	31.9	70	..	5.5	..	29.0	0	26	5	00	1	0	0	0	19	10	1	0	0
	1730	80	1000.1	991.1	+0.0	30.0	26.4	24.9	31.5	75	+13	6.1	+0.4	31.2	0	29	2	01	1	0	0	0	19	9	1	0	0
	2030	80	1001.3	992.4	..	27.5	25.5	24.5	30.7	84	..	5.3	..	25.5	0	26	5	00	1	0	0	0	21	9	0	0	0
	2330	80	1002.5	993.3	..	26.6	25.3	24.7	31.1	90	..	4.5	..	22.6	0	21	10	01	1	0	0	0	23	6	0	0	0
KANDLA AERODROME	0830	35	1002.8	998.9	..	27.3	24.5	23.2	28.4	78	..	5.3	..	29.1	0	25	6	01	0	0	0	1	24	4	1	0	0
	1130	35	1003.1	999.2	..	30.1	24.9	22.4	27.1	64	..	5.4	..	36.5	0	31	0	01	0	0	0	0	26	3	1	0	0
	1730	35	1000.7	996.8	..	30.3	24.9	22.3	26.9	63	..	4.8	..	38.1	1	29	1	00	0	0	1	0	27	2	1	0	0
NEW KANDLA	0830	14	1003.2	1001.6	+0.5	27.3	24.7	23.4	28.8	80	- 3	6.5	-0.5	20.3	0	15	16	01	0	0	0	0	9	17	4	0	0
	1730	14	1001.3	999.7	+0.9	29.8	25.1	22.8	27.7	67	- 3	5.5	-0.7	29.5	0	28	3	00	0	0	1	1	12	16	1	0	0
MANDVI	0830	9	1003.3	1002.2	+0.7	27.4	25.1	24.0	29.8	82	- 7	6.9	+0.2	37.4	0	29	2	00	0	0	0	0	11	19	0	0	1
	1730	9	1001.6	1000.6	+1.1	28.1	25.4	24.1	30.0	80	- 5	6.6	+0.4	35.9	0	29	2	00	0	0	0	0	15	15	1	0	0
SURENDRANAGAR	0830	74	1003.6	995.2	+0.7	27.0	24.4	23.2	28.4	80	- 6	6.3	-0.4	17.5	0	11	15	00	0	0	1	3	13	7	2	1	0
	1730	74	1000.7	992.5	+1.0	31.2	25.0	21.9	26.3	59	- 9	6.8	+0.1	19.6	0	9	17	00	0	0	1	1	9	14	1	0	0
OKHA	0530	7	1002.3	1001.5	..	26.3	25.1	24.6	30.9	90	..	4.9	..	27.3	0	24	7	00	0	0	0	0	16	14	1	0	0
	0830	7	1003.7	1002.9	..	26.9	25.3	24.7	31.1	88	..	6.0	..	27.8	0	28	3	00	0	0	0	0	17	12	2	0	0
	1130	7	1004.4	1003.6	..	28.1	25.6	24.6	30.9	82	..	5.9	..	28.6	0	29	2	00	0	0	0	0	14	15	2	0	0
	1730	7	1002.2	1001.4	..	27.8	25.5	24.6	30.9	83	..	5.7	..	28.3	0	29	2	00	0	0	0	0	16	14	1	0	0
	2330	7	1003.8	1003.0	..	26.7	25.2	24.6	30.9	88	..	4.2	..	27.5	1	25	5	00	0	0	0	0	22	6	3	0	0
JAMNAGAR AERODROME	0530	23	1002.5	999.9	..	25.3	24.1	23.5	28.9	90	..	5.5	..	22.5	0	16	15	00	0	0	0	0	16	14	1	0	0
	0830	23	1003.7	1001.1	+0.1	26.3	24.6	23.9	29.7	87	+ 5	6.3	+0.1	21.2	0	17	14	00	0	0	0	0	18	11	2	0	0
	1130	23	1004.0	1001.4	..	29.0	25.1	23.2	28.4	72	..	6.3	..	28.6	0	28	3	00	0	0	0	0	8	19	4	0	0
	1730	23	1001.8	999.2	+1.2	28.7	24.9	23.2	28.4	73	+ 1	5.9	-0.2	32.8	0	29	2	00	0	0	0	0	4	22	5	0	0
	2330	23	1003.9	1001.3	..	26.3	24.6	23.9	29.7	87	..	4.6	..	23.3	0	17	14	00	0	0	0	0	14	15	2	0	0
DWARKA	0830	11	1003.6	1002.3	+0.2	26.8	25.1	24.4	30.5	87	+ 2	5.8	-1.3	30.5	0	28	3	00	0	0	0	0	11	18	2	0	0
	1730	11	1002.2	1000.9	+0.7	27.8	25.5	24.5	30.5	83	+ 1	5.5	-1.0	27.7	0	27	4	00	0	0	0	0	12	18	1	0	0
RAJKOT	0530	138	1002.1	986.5	..	24.3	23.2	22.7	27.6	90	..	5.3	..	24.5	1	23	7	00	0	0	0	2	23	5	1	0	0
	0830	138	1003.4	987.9	-0.1	25.8	24.4	23.7	29.3	88	+ 2	5.8	-0.5	27.5	0	27	4	00	0	0	0	0	23	8	0	0	0
	1130	138	1003.5	988.1	..	28.8	24.9	23.0	28.1	72	..	5.8	..	35.4	1	29	1	00	0	0	0	0	23	7	1	0	0
	1430	138	1001.7	986.5	..	30.7	25.1	22.5	27.3	63	..	5.5	..	35.5	0	29	2	00	0	0	0	1	21	9	0	0	0
	1730	138	1001.0	985.7	+0.5	29.5	24.6	22.4	27.1	67	+ 2	5.1	-1.6	38.2	1	30	0	01	0	0	0	0	20	9	1	0	0
BHAUNAGAR AERODROME	0830	11	1004.6	1003.4	+0.3	27.0	24.6	23.5	28.9	81	+ 4	5.5	-0.9	18.6	0	12	19	00	0	0	0	5	17	8	1	0	0
	1130	11	1004.7	1003.5	..	29.6	25.3	23.4	28.8	70	..	6.6	..	23.1	0	22	9	02	0	0	0	1	14	13	1	0	0
	1730	11	1001.8	1000.6	+0.5	30.4	25.6	23.4	28.8	67	+ 4	6.0	-0.7	28.9	0	27	4	00	0	0	1	9	14	7	0	0	0
PORBANDER AERODROME	0830	7	1004.3	1003.5	+1.1	26.8	25.0	24.3	30.4	86	- 6	6.5	-0.3	21.7	0	20	11	00	0	0	0	1	26	4	0	0	0
	1130	7	1004.9	1004.1	..	27.9	25.6	24.5	30.7	82	..	6.2	..	24.2	0	28	3	00	0	0	0	1	26	4	0	0	0
	1730	7	1002.8	1002.0	+1.2	27.6	25.5	24.5	30.7	83	- 4	6.4	-0.7	22.8	0	24	7	00	0	0	0	0	27	4	0	0	0
KESHOD	0830	51	1004.5	998.7	+1.5	26.3	24.7	24.0	29.8	88	+ 0	6.1	-0.3	20.8	0	14	17	00	0	0	0	0	12	18	1	0	0
	1130	51	1004.9	999.1	..	28.6	25.0	23.4	28.8	74	..	6.2	..	32.6	0	31	0	00	0	0	0	0	7	24	0	0	0
	1730	51	1002.9	997.1	+0.8	27.8	24.8	23.4	28.8	78	+ 0	5.8	-0.7	32.6	0	31	0	00	0	0	0	0	9	21	1	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — AUGUST ,1968 (10 SRAVANA - 9 BHADRA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SAURASHTRA AND KUTCH(INCLUDING DIU																											
MAHUVA	0830	9	1004.4	1003.4	..	25.6	24.6	24.3	30.4	93	..	6.9	..	8.0	0	2	24	00	0	0	0	2	11	12	1	5	0
	1730	9	1002.6	1001.6	..	28.1	25.7	25.0	31.7	84	..	6.6	..	19.7	0	16	15	00	0	0	0	2	14	15	0	0	0
VERAVAL	0230	8	1003.9	1003.0	..	26.3	25.3	24.9	31.5	91	..	5.8	..	27.8	0	27	4	00	0	0	0	0	11	19	1	0	0
	0530	8	1003.3	1002.4	..	26.2	25.2	24.7	31.1	92	..	6.3	..	29.2	0	30	0	00	0	0	0	0	10	19	1	1	0
	0830	8	1005.0	1004.1	+0.5	26.5	25.4	24.9	31.5	91	+ 2	6.2	-0.8	30.6	0	30	1	00	0	0	0	0	10	19	2	0	0
	1130	8	1005.6	1004.7	..	28.0	26.0	25.2	32.1	85	..	5.8	..	27.1	0	23	8	00	0	0	0	0	11	19	1	0	0
	1430	8	1004.4	1003.5	..	28.2	26.2	25.4	32.4	85	..	5.9	..	27.4	0	26	5	00	0	0	0	0	13	17	1	0	0
	1730	8	1003.5	1002.6	+1.0	27.5	25.9	25.2	32.1	87	- 2	6.2	-0.3	27.0	0	23	8	00	0	0	0	0	9	21	1	0	0
	2030	8	1004.3	1003.4	..	26.6	25.5	25.1	31.9	91	..	5.4	..	24.5	0	21	10	00	0	0	0	0	10	21	0	0	0
	2330	8	1005.0	1004.1	..	26.5	25.4	25.0	31.7	92	..	5.5	..	26.4	0	26	5	00	0	0	0	0	12	18	1	0	0
DIU	0830	15	1005.6	1004.0	..	26.7	24.9	24.1	30.0	86	..	6.5	..	18.7	0	16	12	00	0	0	0	0	8	20	0	3	0
	1730	15	1004.1	1002.4	..	27.1	25.1	24.2	30.2	83	..	5.8	..	22.6	0	25	6	00	0	0	0	0	14	17	0	0	0
KONKAN(INCLUDING GOA)																											
DAHANU	0830	5	1005.9	1005.4	+1.1	27.2	26.5	26.3	34.2	95	+ 6	5.1	-1.9	22.6	0	20	11	00	0	0	4	0	23	4	0	0	0
	1730	5	1004.5	1004.0	+1.5	28.3	27.4	27.1	35.9	93	+ 9	4.1	-2.4	26.5	0	26	5	00	0	0	0	0	28	2	1	0	0
BOMBAY(SANTACRUZ)	0230	14	1005.6	1004.0	..	26.3	24.7	24.0	29.8	87	..	6.1	..	19.4	0	17	11	00	0	0	0	0	13	15	0	3	0
	0530	14	1005.4	1003.8	..	26.3	24.7	24.0	29.8	88	..	6.1	..	20.8	0	19	10	00	1	0	0	0	10	18	0	2	0
	0830	14	1007.0	1005.4	+1.3	27.2	25.1	24.2	30.2	84	- 3	7.0	-0.4	18.6	0	15	16	00	1	1	0	0	11	18	0	0	0
	1130	14	1007.5	1005.8	..	28.3	25.7	24.5	30.7	80	..	6.8	..	22.6	0	21	10	00	0	0	0	0	13	17	1	0	0
	1430	14	1006.1	1004.5	..	28.7	25.8	24.6	30.9	79	..	6.6	..	23.1	0	24	7	00	0	0	0	0	13	17	1	0	0
	1730	14	1005.4	1003.8	+1.5	27.9	25.4	24.2	30.2	81	- 1	6.6	-0.7	23.0	0	22	9	00	0	0	0	0	7	23	1	0	0
	2030	14	1006.5	1004.9	..	26.9	24.9	24.0	29.8	84	..	6.0	..	20.3	0	17	14	00	0	0	0	0	12	17	2	0	0
	2330	14	1007.2	1005.5	..	26.6	24.9	24.1	30.0	86	..	6.1	..	19.1	0	17	13	00	0	0	0	0	14	14	2	1	0
BOMBAY	0830	11	1007.0	1005.8	+1.1	27.2	25.1	24.1	30.0	83	- 2	6.6	-0.3	16.8	0	11	20	01	0	0	1	0	10	17	1	0	1
	1130	11	1007.6	1006.4	..	28.9	25.8	24.5	30.7	77	..	6.2	..	16.9	0	9	22	00	0	0	0	0	12	18	1	0	0
	1730	11	1005.6	1004.4	+1.5	28.2	25.4	24.1	30.0	78	- 6	6.4	-0.4	17.3	0	9	22	01	0	0	0	0	9	19	2	0	0
ALIBAG	0830	7	1007.1	1006.4	+0.7	27.1	25.4	24.6	30.9	87	+ 0	7.2	+0.2	28.6	0	25	5	00	0	2	1	0	23	3	0	1	1
BHIRA	0830	96	1007.1	996.3	..	25.2	24.1	23.5	28.9	90	..	7.4	..	3.5	0	0	23	00	0	0	14	5	4	0	0	8	0
	1730	96	1005.2	994.4	..	26.4	24.5	23.5	28.9	84	..	7.7	..	1.8	0	0	21	00	0	0	2	0	13	0	6	10	0
HARNAI	0830	20	1007.2	1005.2	+1.1	26.9	24.9	24.0	29.8	84	- 5	6.8	-0.3	21.7	0	19	8	00	0	1	0	0	0	16	10	4	0
	1730	20	1006.3	1004.0	+1.5	27.5	24.9	23.9	29.8	80	- 6	6.6	-0.4	22.8	0	18	13	00	0	0	0	0	0	9	22	0	0
RATNAGIRI	0830	35	1008.3	1004.3	+1.3	26.6	24.9	24.1	30.0	86	- 3	7.4	+0.8	10.1	0	1	30	01	1	2	2	0	5	12	8	0	0
	1730	35	1006.7	1002.7	+1.4	27.6	25.3	24.2	30.2	82	- 4	6.6	-0.3	13.9	0	7	24	00	0	0	0	0	4	17	10	0	0
DEVGARH	0830	36	1008.5	1004.5	+1.2	26.4	24.9	24.2	30.2	87	- 4	6.6	-0.5	28.7	0	24	5	00	2	0	0	0	1	20	6	2	0
	1730	36	1007.0	1003.0	+1.5	27.8	25.7	24.9	31.5	85	- 2	6.6	-0.4	29.8	0	27	3	00	0	0	0	0	1	18	11	1	0
VENGURLA	0230	9	1008.5	1007.5	..	25.9	24.6	24.0	29.8	89	..	6.1	..	4.8	0	0	24	00	0	0	0	0	5	19	0	7	0
	0530	9	1007.8	1006.8	..	25.7	24.4	23.9	29.8	90	..	6.4	..	6.1	0	0	25	00	0	0	0	0	4	18	3	6	0
	0830	9	1009.4	1008.4	+1.4	26.8	25.0	24.2	30.2	86	- 4	6.1	-1.0	5.6	0	0	27	00	0	0	0	1	7	18	1	4	0
	1130	9	1009.8	1008.8	..	28.3	25.6	24.4	30.5	80	..	6.0	..	7.3	0	0	30	00	0	0	0	0	7	20	3	0	0
	1730	9	1007.7	1006.7	+1.6	27.5	25.2	24.1	30.0	82	- 3	6.7	-0.5	8.5	0	0	30	00	0	0	0	0	6	19	5	1	0
	2330	9	1009.7	1008.7	..	26.2	24.7	24.0	29.8	88	..	5.7	..	5.9	0	0	23	00	0	0	0	0	6	16	1	8	0
PANJIM	0530	60	1007.4	1000.6	..	25.4	24.1	23.4	28.8	89	..	6.1	..	15.7	0	10	20	00	1	2	0	0	2	19	6	1	0
	0830	60	1009.1	1002.1	..	26.4	24.4	23.7	29.3	85	..	6.0	..	16.2	0	11	17	00	0	1	1	0	6	14	6	3	0
	1130	60	1009.3	1002.6	..	28.3	25.2	23.8	29.5	77	..	6.2	..	18.1	0	15	16	00	0	0	0	0	4	20	7	0	0
	1430	60	1007.7	1001.0	..	28.6	25.4	24.0	29.8	77	..	6.3	..	21.6	0	21	10	00	0	0	0	0	5	22	4	0	0
	1730	60	1007.2	1000.3	..	27.4	24.6	23.3	28.6	82	..	6.7	..	20.7	0	14	17	00	0	0	0	0	4	21	6	0	0
	2030	60	1008.5	1001.7	..	26.2	24.4	23.6	29.1	85	..	5.9	..	15.8	0	7	24	00	0	0	0	0	1	21	9	0	0
	2330	60	1009.2	1002.4	..	25.9	24.3	23.6	29.1	86	..	5.3	..	14.7	0	7	23	02	0	0	0	0	3	19	6	1	0
MORMUGAO	0530	62	1007.3	1000.3	..	26.0	24.5	23.8	29.5	88	..	6.6	..	19.3	0	16	13	00	0	0	0	8	17	4	0	2	0
	0830	62	1008.5	1001.9	+0.8	26.7	24.8	24.0	29.5	86	- 1	6.5	+0.6	20.8	0	21	6	00	0	1	0	4	20	2	0	4	0
	1130	62	1009.0	1002.1	..	27.3	25.0	24.0	29.8	82	..	6.4	..	21.2	0	16	15	00	0	1	1	7	17	4	1	0	0
	1730	62	1007.0	1000.1	+1.2	27.1	24.9	23.9	29.8	83	- 3	6.8	+0.9	21.2	0	20	11	00	0	0	0	7	19	5	0	0	0
DABOLIM(NAVAL AIR STN.)	0530	52	1007.8	1002.0	..	25.4	24.2	23.7	29.7	90	..	6.1	..	15.5	0	8	17	00	0	0	0	0	0	15	10	6	0
	0830	52	1009.3	1003.5	..	26.8	24.8	23.9	29.3	84	..	5.7	..	16.5	0	11	17	00	1	1	0	0	0	15	11	3	0
	1130	52	1009.8	1004.0	..	28.3	25.1	23.7	29.3	76	..	5.8	..	20.6	0	17	14	02	0	0	0	0	1	17	11	0	0
	1730	52	1007.5	1001.7	..	27.6	24.9	23.7	29.3	80	..	6.5	..	18.9	0	11	20	01	0	0	0	0	0	13	17	0	0
	2330	52	1009.7	1003.8	..	26.1	24.6	24.0	29.8	88	..	6.1	..	15.6	0	9	18	01	0	0	0	0	0	14	12	4	0
MADHYA MAHARASHTRA																											
NANDURBAR	0830	206	1004.8	980.5	-0.3	25.0	23.4	22.7	27.6	87	- 2	.	..	11.3	0	3	27	00	0	0	0	0	21	0	9	1	0
	1730	206	1002.9	979.9	+1.7	27.4	23.5	21.7	25.9	71	- 8	.	..	15.9	0	9	21	01	0	0	0	0	18	5	6	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – AUGUST ,1968 (10 SRAVANA - 9 BHADRA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry Bulb	Mean temperature in °C: Wet Bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.): 62 or more	Wind Speed: 20 to 61	Wind Speed: 1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA MAHARASHTRA (CONTD)																											
JALGAON	0830	201	1005.0	982.3	+0.7	24.6	23.3	22.7	27.6	89	+ 2	6.3	+0.4	13.5	0	4	27	00	0	0	1	2	3	17	8	0	0
	1730	201	1002.1	979.7	+1.2	28.6	24.1	21.9	26.3	70	+ 0	6.6	+0.2	24.0	0	20	11	01	0	0	0	0	1	21	8	0	0
MALEGAON	0830	437	1005.7	957.1	+1.3	24.8	22.9	21.9	26.3	84	+ 7	6.0	-0.3	13.5	0	6	25	00	0	0	0	0	4	18	9	0	0
	1730	437	1003.8	955.7	+2.5	27.5	25.3	24.2	30.2	83	+18	6.3	-0.3	13.9	0	3	28	00	2	1	0	0	4	12	12	0	0
OZAR	0230	608	1004.3	936.9	..	21.5	20.4	19.8	24.6	90	..	5.1	..	24.5	0	17	13	00	0	0	0	0	4	23	3	1	0
	0530	608	1004.1	936.7	..	21.4	20.3	19.7	23.1	90	..	5.5	..	26.6	0	21	10	00	0	0	0	0	1	28	2	0	0
	0830	608	1005.5	938.2	..	22.8	21.0	20.1	23.5	85	..	6.3	..	31.0	0	28	3	00	0	0	0	0	2	26	3	0	0
	1130	608	1005.2	938.5	..	25.3	21.8	20.0	23.4	74	..	6.7	..	37.1	0	29	2	00	0	0	0	0	2	25	4	0	0
	1430	608	1003.4	937.0	..	26.0	21.9	19.9	23.2	70	..	6.8	..	39.1	0	30	1	00	0	0	0	0	1	26	4	0	0
	1730	608	1003.1	936.5	..	24.7	21.5	19.9	23.2	75	..	6.5	..	34.8	0	30	1	00	0	0	0	0	2	25	4	0	0
	2030	608	1005.0	937.7	..	22.5	20.9	20.0	23.4	86	..	6.0	..	26.3	0	24	6	00	0	0	0	0	3	25	2	0	0
	2330	608	1005.7	938.3	..	21.9	20.6	20.0	23.4	89	..	4.8	..	24.3	0	20	9	00	0	0	0	0	3	25	1	2	0
AHMADNAGAR	0830	657	1005.7	933.3	+0.4	22.9	20.5	19.2	22.2	80	+ 0	6.7	+0.5	10.8	0	2	29	00	0	0	0	0	15	14	2	0	0
	1730	657	1002.8	931.5	+1.0	26.7	21.3	18.5	21.3	64	+ 1	7.0	+0.4	16.2	0	11	19	00	1	0	0	0	12	14	3	0	0
POONA AERODROME	0230	593	1005.6	939.6	..	21.4	20.4	19.9	23.2	92	..	5.2	..	21.4	0	13	17	00	0	0	0	0	3	27	0	1	0
	0530	593	1005.3	939.3	..	21.3	20.3	19.7	22.9	91	..	5.3	..	20.3	0	15	13	00	0	0	0	0	3	24	1	3	0
	0830	593	1006.1	940.5	..	22.9	21.1	20.1	23.5	85	..	6.4	..	24.2	0	16	14	00	0	0	0	0	3	26	1	1	0
	1130	593	1006.1	940.9	..	25.1	21.6	19.9	23.2	73	..	6.6	..	32.2	0	26	5	00	0	0	0	0	1	29	1	0	0
	1730	593	1004.2	939.0	..	24.9	21.5	19.8	23.1	74	..	6.4	..	33.5	0	31	0	00	0	0	0	0	2	29	0	0	0
	2330	593	1006.9	940.9	..	21.8	20.6	19.9	23.2	89	..	5.1	..	21.7	0	14	17	00	0	0	0	0	3	28	0	0	0
POONA	0530	559	1005.6	943.4	..	22.0	20.3	19.4	22.5	85	..	5.7	..	9.8	0	5	21	00	0	0	0	0	1	25	0	5	0
	0830	559	1006.8	944.8	+0.9	23.4	21.1	20.0	23.4	81	- 3	6.7	-0.2	11.9	0	5	24	00	0	0	0	0	1	28	0	2	0
	1130	559	1006.7	945.2	..	25.6	21.7	19.8	23.1	71	..	6.8	..	13.7	0	6	25	00	0	0	0	0	2	27	2	0	0
	1430	559	1005.0	943.8	..	26.1	21.9	19.9	23.1	69	..	6.8	..	16.7	0	11	20	00	0	0	0	0	1	30	0	0	0
	1730	559	1004.9	943.3	+1.4	24.7	21.4	19.7	22.9	74	- 6	7.0	+0.1	13.2	0	3	28	00	0	0	0	0	1	30	0	0	0
	2030	559	1006.5	944.5	..	23.0	20.8	19.7	22.9	81	..	5.5	..	12.1	0	5	25	00	0	0	0	0	1	29	0	1	0
	2330	559	1007.3	945.1	..	22.4	20.5	19.6	22.8	85	..	5.2	..	10.3	0	1	26	00	0	0	0	0	0	27	0	4	0
JEUR	0830	521	1006.2	948.4	+0.9	24.4	22.0	20.9	24.7	81	- 2	3.2	-2.3	5.4	0	0	31	00	0	1	0	0	5	16	9	0	0
	1730	521	1002.5	946.0	+1.3	29.2	23.2	20.5	24.1	60	- 4	4.0	-2.1	11.9	0	4	27	01	1	0	0	0	1	14	14	0	0
BARAMATI	0830	551	1006.3	945.4	+0.9	24.4	21.3	19.7	22.9	75	- 7	4.9	-1.5	16.5	0	9	22	00	0	0	0	1	5	20	5	0	0
	1730	551	1003.4	943.4	+1.6	27.3	21.6	18.6	21.4	61	- 6	5.6	-1.3	24.5	0	25	6	03	0	0	0	0	2	21	5	0	0
SHOLAPUR	0530	479	1005.5	952.1	..	22.8	20.7	19.6	22.8	82	..	4.8	..	4.8	0	0	28	02	0	0	0	0	15	8	3	3	0
	0830	479	1006.8	953.8	+0.9	25.1	21.9	20.3	23.8	75	- 4	5.6	-0.3	6.5	0	0	31	00	0	0	0	0	22	4	5	0	0
	1130	479	1006.1	953.7	..	28.9	22.6	19.6	22.8	58	..	5.9	..	8.1	0	0	31	04	0	0	0	0	21	5	1	0	0
	1430	479	1003.6	951.7	..	31.2	23.3	19.6	22.8	53	..	6.6	..	8.4	0	1	30	01	0	0	0	1	25	0	4	0	0
	1730	479	1002.7	950.7	+1.4	29.6	22.4	18.8	21.7	55	- 4	6.2	-0.5	8.8	0	0	31	02	1	0	0	0	14	11	3	0	0
	2330	479	1006.7	953.5	..	24.6	21.3	19.7	22.9	75	..	4.8	..	7.9	0	0	31	01	1	0	0	0	19	5	5	0	0
MIRAJ	0830		..	..	..	24.2	21.8	20.6	24.3	81	- 6	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	26.2	22.3	20.0	23.4	72	- 2	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
KOLHAPUR	0530	570	1006.3	943.0	-0.3	21.3	20.5	20.1	23.5	93	+19	5.6	-1.2	13.4	0	8	22	00	0	0	0	0	1	26	3	1	0
	0830	570	1007.6	944.4	+0.9	22.5	21.3	20.7	24.4	90	- 1	5.9	-1.2	13.8	0	4	27	00	0	0	0	0	1	25	5	0	0
	1130	570	1007.5	944.7	..	25.0	22.1	20.8	24.6	78	..	6.2	..	17.9	0	14	17	01	1	0	0	0	2	17	9	0	1
	1730	570	1005.5	942.7	+1.2	24.5	21.8	20.5	24.1	79	- 4	6.1	-0.9	19.6	0	16	15	00	0	0	0	0	5	19	7	0	0
	2330	570	1008.3	944.9	..	21.9	21.0	20.5	24.1	91	..	5.6	..	12.3	0	3	27	00	0	0	0	0	3	22	5	1	0
NASIK	0830		..	..	..	24.8	22.1	20.8	24.6	80	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
SANGLI	0830	549	..	..	..	23.4	21.4	20.3	23.8	83	..	5.7	..	17.0	0	12	19	00	0	0	0	0	4	25	2	0	0
	1730	549	..	..	..	25.8	21.9	20.0	23.4	71	..	6.4	..	25.4	0	27	4	00	0	0	0	0	3	24	4	0	0
MARATHWADA																											
AURANGABAD	0830	581	1006.1	941.8	+0.6	23.0	21.1	20.5	24.1	86	- 1	5.8	-1.1	15.0	0	8	21	00	0	0	0	0	6	22	1	2	0
	1730	581	1003.0	939.5	+1.3	26.6	21.7	19.1	22.1	66	- 3	6.1	-0.9	23.2	0	21	10	01	0	1	0	0	6	21	2	0	0
AURANGABAD(CHIKALTHAN)	0230	579	1004.3	940.0	..	21.6	20.1	19.3	22.4	87	..	5.7	..	16.4	0	7	24	00	0	0	0	0	6	24	1	0	0
	0530	579	1004.4	939.9	..	21.2	20.0	19.4	22.5	90	..	5.8	..	15.6	0	7	23	00	0	0	0	0	7	22	1	1	0
	0830	579	1005.4	941.3	+0.9	23.0	20.9	19.8	23.1	82	- 3	6.0	-1.0	20.3	0	13	18	00	0	0	0	1	8	18	4	0	0
	1130	579	1005.0	941.5	..	25.8	21.6	19.5	22.7	69	..	6.4	..	26.5	0	23	8	01	0	0	0	0	8	19	3	0	0
	1430	579	1002.7	939.7	..	27.3	21.9	19.1	22.1	63	..	6.9	..	24.6	0	20	11	00	1	0	0	0	5	19	6	0	0
	1730	579	1002.0	938.9	+1.3	26.6	21.5	18.8	21.7	65	- 5	6.5	-0.6	22.7	0	16	15	01	1	0	0	0	3	19	7	0	0
	2030	579	1004.4	940.9	..	24.0	21.0	19.4	22.5	76	..	5.7	..	17.9	0	12	18	01	1	0	0	0	4	22	2	1	0
	2330	579	1005.5	941.3	..	22.7	20.4	19.3	22.4	81	..	5.4	..	18.2	0	8	22	00	0	0	0	0	5	23	2	0	0
PARBHANI	0830	423	1005.9	958.7	+0.8	24.2	21.6	20.3	23.8	79	- 3	5.5	-0.9	10.5	0	0	31	00	0	0	0	0	4	25	2	0	0
	1730	423	1002.1	955.7	+1.2	28.7	22.8	19.6	22.8	60	- 6	6.6	+0.0	11.4	0	3	27	01	0	0	0	1	1	17	10	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – AUGUST ,1968 (10 SRAVANA - 9 BHADRA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MARATHWADA(CONTD.)																											
NANDER	0830	358	1005.6	965.6	..	25.1	22.8	21.6	25.8	81	..	5.5	..	8.3	0	0	31	00	0	0	0	0	17	1	13	0	0
	1730	358	1002.2	962.9	..	29.2	24.2	21.6	25.8	66	..	5.9	..	7.1[a]	0	0	30	00	0	0	0	0	14	0	16	0	0
BIR	0830	519	1006.2	948.8	..	24.5	21.4	19.9	23.2	76	..	6.2	..	7.8	0	0	29	00	0	0	0	1	11	8	9	2	0
	1730	519	1002.3	946.1	..	29.4	22.1	18.4	21.1	53	..	6.0	..	10.3	0	1	30	00	1	0	0	0	8	6	16	0	0
VIDARBHA																											
GONDIA	0830	313	1003.1	968.4	+0.7	25.6	23.4	22.3	26.9	83	- 3	6.3	-0.7	3.0	0	0	25	00	0	0	0	4	13	5	3	6	0
	1730	313	1000.3	965.7	+0.9	27.3	24.3	22.9	27.9	78	- 1	5.1	-1.9	3.5	0	0	29	01	0	1	0	2	11	13	1	2	0
NAGPUR(SONEGAON)	0230	310	1001.9	967.1	..	24.1	22.8	22.2	26.6	89	..	5.6	..	7.3	0	1	26	00	0	0	0	2	6	15	4	4	0
	0530	310	1002.0	967.2	..	23.6	22.6	22.0	26.6	91	..	6.7	..	7.3	0	0	28	00	1	0	0	1	11	12	3	3	0
	0830	310	1003.4	968.9	+0.7	25.7	23.3	22.1	26.6	81	- 4	6.4	-0.6	12.9	0	4	26	00	0	0	0	1	5	16	8	1	0
	1130	310	1003.3	968.9	..	28.0	24.3	22.5	27.3	72	..	7.1	..	16.3	0	10	21	01	0	1	0	1	6	14	8	0	0
	1430	310	1001.0	966.9	..	28.9	24.7	22.7	27.6	71	..	7.0	..	16.7	0	12	19	01	1	0	0	0	9	11	9	0	0
	1730	310	1000.3	966.1	+1.0	28.1	24.3	22.4	27.3	73	- 1	6.8	-0.5	13.5	0	8	22	02	0	0	0	0	7	16	5	1	0
	2030	310	1002.4	967.9	..	25.8	23.7	22.6	27.6	83	..	5.8	..	8.5	0	2	26	02	1	0	1	1	4	15	4	3	0
	2330	310	1003.1	968.4	..	24.8	23.1	22.4	26.9	87	..	5.5	..	7.3	0	1	26	00	0	0	0	2	9	10	6	4	0
AMRAOTI	0830	370	1004.0	962.7	+0.3	24.5	22.4	21.2	25.3	83	+ 0	6.1	-0.5	7.0	0	1	29	00	0	0	0	1	8	17	4	1	0
	1730	370	1001.1	960.4	+1.3	27.7	23.0	20.5	24.1	67	- 2	6.2	-0.8	12.0	0	4	26	00	1	0	0	0	6	15	8	1	0
AKOLA AERODROME	0530	309	1002.6	967.8	..	23.2	21.8	21.0	25.0	88	..	6.2	..	9.3	0	1	30	00	0	0	0	1	9	18	3	0	0
	0830	309	1003.8	969.1	..	24.5	22.5	21.5	25.6	84	..	6.3	..	10.3	0	2	29	00	0	0	0	1	9	18	3	0	0
	1130	309	1003.7	969.4	..	27.3	23.5	21.6	25.8	72	..	6.7	..	12.2	0	3	28	00	0	0	0	1	3	21	6	0	0
	1430	309	1001.8	967.6	..	28.5	23.7	21.3	25.3	68	..	7.0	..	11.7	0	0	31	00	0	0	0	0	4	22	5	0	0
	1730	309	1000.7	966.6	..	27.8	23.2	20.8	24.7	68	..	6.8	..	12.5	0	3	28	00	0	0	0	1	3	23	4	0	0
	2030	309	1002.4	967.9	..	25.9	22.6	20.9	24.7	75	..	6.1	..	9.3	0	3	27	00	0	0	0	1	2	21	6	1	0
	2330	309	1003.5	968.9	..	24.8	22.4	21.2	25.2	81	..	5.7	..	9.3	0	1	30	00	0	0	0	0	8	21	2	0	0
AKOLA	0830	282	1004.5	972.9	+0.7	24.8	22.9	21.9	26.3	84	+ 2	6.5	+0.6	9.4	0	1	30	00	0	0	1	0	24	1	5	0	0
	1730	282	1001.5	970.3	+1.4	28.1	23.9	21.7	26.3	71	+ 4	6.5	+0.6	9.6	0	0	31	00	0	0	1	0	20	0	10	0	0
BRAMHAPURI	0830	229	1004.0	978.3	+1.0	25.4	23.4	22.4	27.1	85	- 4	6.3	-0.8	6.3	0	0	30	01	0	0	0	3	9	15	2	1	0
	1730	229	1000.9	975.5	+1.2	28.4	24.8	23.1	28.3	74	- 6	6.1	-0.8	5.0	0	0	26	01	1	0	0	4	10	7	3	5	0
BULDANA	0830	650	1004.9	933.1	+0.9	22.6	20.7	19.7	22.9	84	- 4	6.6	-0.1	10.5	0	2	27	00	1	0	0	2	5	4	18	2	0
	1730	650	1001.8	931.0	+1.1	25.4	21.6	19.7	22.9	71	- 7	6.5	-0.4	6.2	0	0	31	04	0	0	0	0	4	1	22	0	0
YEOTMAL	0830	451	1004.3	954.2	+0.9	24.4	22.0	20.7	24.4	80	- 7	6.1	-0.6	14.1	0	3	28	00	0	0	0	1	5	23	2	0	0
	1730	451	1000.9	951.4	+0.9	27.4	22.9	20.5	24.3	68	- 7	5.9	-1.0	10.3	0	1	30	00	0	0	0	0	2	28	1	0	0
CHANDRAPUR	0830	193	1004.2	982.5	+0.5	25.7	23.5	22.5	27.1	83	+ 0	5.8	-0.7	11.4	0	5	23	00	0	0	0	2	7	12	7	3	0
	1730	193	1000.9	979.5	+0.8	28.9	24.3	22.0	26.6	68	- 6	6.1	-0.6	15.7	0	9	20	01	1	0	0	0	4	14	9	2	0
PUSAD	0830	334	1005.3	968.0	..	25.2	22.7	21.5	25.6	80	..	6.5	..	5.8	0	0	31	00	0	0	0	0	31	0	0	0	0
	1730	334	1003.0	966.2	..	28.5	24.7	22.9	27.9	74	..	7.0	..	5.9	0	0	31	00	0	0	0	0	16	0	15	0	0
SIRONCHA	0830	123	1004.9	991.1	+0.9	26.7	24.8	23.9	29.7	85	- 2	6.5	-0.3	2.1	0	0	23	00	0	1	0	2	4	11	5	8	0
	1730	123	1002.1	988.4	+1.5	29.9	25.7	23.8	29.7	71	- 4	6.4	-0.6	2.8	0	0	29	09	0	1	1	3	0	14	1	2	0
WARDHA	0830	283	1004.1	972.4	..	25.5	23.0	21.7	25.9	80	..	5.8	..	7.8	0	0	31	01	0	0	1	3	9	12	5	0	0
	1730	283	1001.2	969.8	..	28.0	23.7	21.6	25.8	70	..	6.0	..	6.7	0	0	31	01	1	0	1	2	6	11	9	0	0
BHANDARA	0830		..	..	..	25.8	23.6	22.6	27.3	83	..	.	..	7.8[a]	0	0	24	00	0	0	0	0	22	1	0	0	1
	1730		..	..	..	28.2	24.2	22.3	26.9	72	..	.	..	4.5[a]	0	0	23	00	2	1	0	1	16	1	1	2	1
COASTAL ANDHRA PRADESH																											
KALINGAPATAM	0830	6	1003.2	1002.6	+0.2	29.1	26.1	24.8	31.3	78	- 5	5.7	-0.5	9.9[a]	0	3	25	04	0	0	0	9	10	1	4	2	0
	1730	6	1000.4	999.8	+0.6	30.1	26.8	25.4	32.6	75	- 6	5.9	-0.9	12.5[a]	0	3	26	01	0	0	0	13	13	0	1	1	1
VISHAKHAPATNAM	0230	3	1002.2	1001.8	..	28.4	25.2	23.9	29.5	76	..	4.5	..	8.3	0	3	20	02	0	0	0	1	9	11	0	8	0
	0530	3	1002.6	1002.2	..	27.7	25.1	24.0	29.7	80	..	6.5	..	7.8	0	1	21	00	0	0	0	0	11	9	2	9	0
	0830	3	1003.8	1003.4	+0.5	30.2	25.5	23.4	28.8	67	-15	5.5	-0.9	12.3	0	6	24	00	0	0	0	1	11	15	3	1	0
	1130	3	1003.1	1002.7	..	33.2	26.2	22.8	28.3	55	..	6.2	..	16.1	0	8	22	01	1	0	0	5	7	10	6	1	0
	1430	3	1001.0	1000.6	..	33.3	26.7	23.4	29.7	57	..	6.6	..	20.7	0	19	12	01	0	1	1	5	10	6	7	0	0
	1730	3	1000.8	1000.4	+0.4	32.2	26.0	23.1	28.4	60	-23	6.7	+0.2	15.0	0	10	19	01	0	0	1	2	11	6	8	2	0
	2030	3	1003.0	1002.6	..	30.5	25.3	22.8	27.9	65	..	5.1	..	9.0	0	0	26	00	0	1	0	0	4	15	6	5	0
	2330	3	1003.4	1003.1	..	29.4	25.2	23.2	28.6	71	..	5.3	..	9.6	0	0	26	00	0	0	0	0	6	15	5	5	0
KAKINADA	0830	8	1004.8	1003.9	+0.5	30.2	25.9	24.0	30.0	70	-11	5.0	-0.6	13.3	0	0	31	00	0	0	0	0	30	1	0	0	0
	1730	8	1001.5	1000.7	+0.4	32.1	26.1	23.4	28.9	60	-14	5.9	+0.2	12.1	0	0	31	00	0	0	0	0	26	0	5	0	0
NIDADAVOLE	0830	12	1004.9	1003.6	+0.8	27.9	25.5	24.5	30.7	82	- 5	5.9	-1.3	4.7	0	0	31	00	0	0	0	2	2	19	8	0	0
	1730	12	1002.0	1000.6	+1.0	31.0	26.5	24.6	30.7	69	-10	7.3	+0.3	8.6	0	8	23	00	0	0	0	0	3	28	0	0	0
RENTACHINTALA	0830	106	1005.9	994.0	+0.8	29.1	23.8	21.1	25.0	62	- 8	7.8	+1.2	3.3	0	0	29	00	0	0	0	0	0	29	0	2	0
	1730	106	1001.6	990.0	+0.7	33.9	24.5	19.8	22.9	45	-10	9.7	-1.2	2.3	0	0	29	03	0	0	0	0	0	26	0	2	0
GANNAVARAM	0230	24	1003.5	1000.8	..	27.5	24.6	23.2	28.6	78	..	5.5	..	10.0	0	3	20	00	1	0	0	1	4	14	3	8	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — AUGUST ,1968 (10 SRAVANA - 9 BHADRA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
COASTAL ANDHRA PRADESH																											
GANNAVARAM	0530	24	1004.1	1001.3	..	26.9	24.2	22.9	27.9	79	..	5.9	..	11.8	0	6	17	00	0	0	0	3	3	15	2	8	0
	0830	24	1005.6	1002.9	+1.0	28.7	24.7	22.8	27.9	71	- 8	5.5	-1.0	18.5	0	13	17	00	0	0	0	3	2	21	4	1	0
	1130	24	1004.9	1002.2	..	32.0	25.7	22.8	27.9	59	..	5.1	..	22.8	0	17	14	00	0	0	0	1	3	23	4	0	0
	1430	24	1002.3	999.7	..	33.3	25.5	21.8	26.3	51	..	6.0	..	21.9	0	16	15	02	0	0	0	1	4	18	6	0	0
	1730	24	1001.7	999.0	+0.6	32.3	25.4	22.2	26.9	57	-12	6.2	-0.7	16.0	0	8	20	03	0	2	0	1	0	13	9	3	0
	2030	24	1003.8	1001.1	..	29.6	25.3	23.5	28.6	70	..	5.6	..	5.5	0	1	16	01	1	0	1	0	2	10	2	14	0
	2330	24	1004.7	1002.1	..	28.2	25.1	23.6	29.3	77	..	6.0	..	9.7	0	6	15	00	0	1	2	1	3	13	1	10	0
MASULIPATAM	0830	3	1005.5	1005.2	+0.6	28.9	25.1	23.2	28.8	70	-10	5.3	-0.3	3.8	0	0	31	01	0	0	0	0	15	13	0	0	2
	1730	3	1001.9	1001.6	+0.2	32.7	25.8	22.7	27.6	56	-13	6.1	+0.3	3.5	0	0	31	02	0	3	1	1	7	10	7	0	0
ONGOLE	0830	12	1005.9	1004.6	+0.8	31.1	25.4	22.8	27.9	62	-11	1.9	-3.9	14.1	0	21	9	01	0	0	1	0	8	13	7	1	0
	1730	12	1001.7	1000.4	+0.3	35.0	26.1	21.8	26.6	47	-18	4.3	-1.9	13.3	0	6	25	01	3	2	0	0	7	7	11	0	0
NELLORE	0530	20	1005.3	1003.1	..	28.2	23.9	21.8	26.3	69	..	5.4	..	6.3	0	0	23	00	0	1	0	1	10	8	3	8	0
	0830	20	1006.6	1004.4	+0.7	31.2	24.8	21.8	26.1	58	- 8	5.7	-0.3	11.1	0	0	31	00	0	0	1	0	27	2	1	0	0
	1130	20	1006.1	1003.9	..	34.7	25.8	21.6	25.9	47	..	5.9	..	14.6	0	6	25	00	0	0	0	0	12	17	2	0	0
	1430	20	1003.2	1001.1	..	37.1	26.3	21.3	25.3	40	..	6.2	..	15.2	0	8	23	00	0	0	0	0	10	16	5	0	0
	1730	20	1002.2	1000.0	+0.2	35.7	25.9	21.2	25.3	43	-11	6.1	-0.2	9.6	0	0	31	00	0	0	1	0	8	20	2	0	0
	2330	20	1005.9	1003.7	..	29.9	25.2	23.0	28.3	68	..	5.6	..	7.8	0	5	13	00	1	0	0	0	7	6	4	13	0
VISHAKHAPATNAM(SOLAR)	0830	66	1003.5	996.2	..	29.4	24.8	22.6	27.6	67	..	6.6	..	7.5	0	0	30	01	0	0	0	0	17	11	0	1	1
TELANGANA																											
RAMGUNDAM	0830	156	1004.9	987.4	+1.3	27.1	23.8	22.2	26.9	75	- 6	5.6	-1.3	3.3	0	0	27	00	0	0	0	1	4	18	4	4	0
	1730	156	1001.5	984.3	+1.3	30.9	24.7	21.7	25.9	59	-10	5.4	-1.1	2.5	0	0	16	01	0	0	0	0	1	12	2	15	0
NIZAMABAD	0830	381	1005.5	963.1	+0.9	25.5	22.5	21.2	24.7	80	+ 0	5.6	+0.1	2.8	0	0	19	00	0	0	0	1	15	2	1	12	0
	1730	381	1001.3	999.8	+1.2	29.9	25.7	23.8	29.7	71	+ 1	6.2	+0.5	1.7	0	0	15	00	0	0	0	0	12	2	1	16	0
HANAMKONDA	0830	269	1005.3	975.6	+1.0	26.8	23.2	21.3	25.5	72	- 6	5.4	-0.4	2.5	0	0	30	00	0	0	0	4	0	25	1	1	0
	1730	269	1002.5	973.1	+1.5	31.0	23.9	20.1	23.8	53	-14	4.9	-1.1	2.1	0	0	31	11	0	0	1	2	3	4	10	0	0
HAKIMPET AERODROME	0530	613	1004.8	937.1	..	22.6	20.7	19.7	22.9	79	..	6.1	..	23.9	0	20	10	00	0	0	0	0	1	21	8	1	0
	0830	613	1005.2	938.3	..	24.6	21.4	19.8	23.1	75	..	6.1	..	29.4	0	18	13	01	0	0	0	0	1	13	16	0	0
	1130	613	1004.5	938.0	..	28.1	22.6	19.9	23.2	61	..	6.3	..	34.5	0	25	6	02	0	0	0	0	1	16	12	0	0
	1730	613	1002.2	935.9	..	28.6	22.3	19.8	22.4	59	..	6.3	..	24.6	0	23	8	01	0	0	0	0	1	20	9	0	0
	2330	613	1004.9	937.7	..	24.7	21.3	20.0	22.8	76	..	5.8	..	17.9	0	11	16	03	1	0	0	0	0	15	8	4	0
BHADRACHALLAM	0830	111	1004.8	992.3	+0.5	26.9	24.5	23.3	28.8	82	- 2	6.2	-0.7	3.8	0	0	31	00	6	0	0	0	10	1	14	0	0
	1730	111	1001.5	989.3	+0.8	31.1	25.1	22.2	26.9	61	-13	6.8	-0.6	2.3	0	0	31	03	5	0	0	0	3	1	19	0	0
HYDERABAD(BEGAMPET)	0230	545	1004.2	944.2	..	24.1	21.2	19.7	22.9	77	..	5.5	..	15.4	0	15	11	00	0	1	0	0	1	18	6	5	0
	0530	545	1004.7	944.5	..	23.3	20.6	19.2	22.4	78	..	5.5	..	16.1	0	10	21	02	0	0	0	0	2	17	10	0	0
	0830	545	1006.1	946.0	+0.8	24.6	21.2	19.5	22.7	73	- 9	6.1	-0.5	22.0	0	21	10	03	0	0	0	0	1	17	10	0	0
	1130	545	1005.0	945.8	..	28.6	22.4	19.4	22.5	58	..	6.4	..	25.7	0	25	6	05	0	0	0	0	1	13	12	0	0
	1730	545	1001.7	942.7	+1.0	29.1	22.2	18.7	21.7	55	-15	6.7	+0.0	18.6	0	12	19	07	0	0	0	0	1	12	11	0	0
	2330	545	1005.3	945.5	..	25.4	21.7	19.8	23.2	68	..	5.7	..	11.5	0	10	14	00	0	1	0	0	1	17	5	7	0
KHAMMAM	0830	112	1005.6	993.1	+1.0	28.0	24.2	22.4	27.1	72	- 8	5.9	-0.3	5.0	0	0	24	02	0	0	0	0	2	13	7	7	0
	1730	112	1001.6	989.3	+0.8	31.6	24.8	21.4	25.8	56	-14	6.9	-0.4	1.5[a]	0	0	20	07	0	0	0	0	0	10	3	10	0
MAHBUBNAGAR	0830	505	1006.6	950.6	+0.9	25.3	21.5	19.6	22.8	71	-12	6.6	-0.3	10.0	0	1	30	00	0	0	0	0	2	24	5	0	0
	1730	505	1001.9	946.9	+0.3	29.8	22.4	18.6	21.7	52	-17	6.9	-0.4	9.8	0	0	30	01	0	0	0	0	2	20	7	1	0
RAYALASEEMA																											
KURNOOL	0830	281	1007.7	976.3	+1.3	26.9	22.3	19.8	23.2	66	- 9	5.4	-1.2	22.8	0	19	12	00	0	0	1	0	21	0	9	0	0
	1730	281	1002.6	971.9	+1.1	32.4	23.2	18.2	20.9	44	-12	6.7	-0.1	22.3	0	17	14	00	0	0	0	0	15	13	0	0	3
NANDYAL	0830	212	1007.6	983.8	..	27.8	23.6	21.4	25.6	65	..	5.3	..	14.6	0	7	24	02	0	0	0	1	5	16	7	0	0
	1730	212	1002.4	979.3	..	33.5	25.0	20.8	24.7	49	..	6.1	..	23.5	0	20	11	02	0	0	0	0	2	15	12	0	0
ANANTAPUR	0530	350	1006.7	967.5	..	24.3	22.1	20.9	24.7	82	..	4.5	..	12.9	0	5	25	00	0	0	0	0	4	26	0	1	0
	0830	350	1008.0	969.0	+1.4	26.2	22.8	21.1	25.0	74	+ 0	5.5	-1.1	18.5	0	15	16	00	0	0	0	0	4	26	1	0	0
	1130	350	1006.7	968.4	..	30.5	23.8	20.5	24.1	56	..	6.3	..	21.7	0	19	12	00	0	0	0	0	6	21	4	0	0
	1430	350	1003.7	965.7	..	32.9	24.4	20.0	23.5	47	..	6.9	..	21.5	0	19	11	00	0	0	0	0	3	22	5	1	0
	1730	350	1003.1	965.2	+1.4	31.9	24.1	20.1	23.5	51	- 2	6.5	-0.4	22.2	0	20	11	00	0	0	0	0	2	24	5	0	0
	2030	350	1006.0	967.4	..	28.5	23.1	20.2	23.8	62	..	5.1	..	19.5	0	17	13	00	0	0	0	0	2	26	2	1	0
	2330	350	1007.4	968.5	..	26.5	22.8	20.8	24.7	71	..	4.8	..	23.2	0	21	10	00	0	0	0	0	5	25	1	0	0
CUDDAPAH	0830	130	1007.9	993.3	+0.9	28.7	23.1	20.1	23.7	60	- 8	3.7	-2.5	3.3	0	0	24	00	0	0	0	0	0	24	0	7	0
	1730	130	1002.8	988.6	+0.7	34.2	24.0	18.6	21.4	41	-16	5.5	-0.8	3.4	0	0	20	00	0	0	0	0	0	20	0	11	0
AROGYAVARAM	0830	701	1008.7	932.1	+2.0	24.8	20.7	18.5	21.3	69	- 2	4.7	-2.0	16.1	0	9	22	00	0	0	0	0	1	0	30	0	0
	1730	701	1003.2	928.2	+1.2	29.9	21.9	18.0	20.4	50	- 5	6.8	-0.3	11.8	0	2	29	01	0	0	0	0	1	0	29	0	0
MADRAS STATE(INCLUDING PONDICHERRY)																											
MADRAS	0830	6	1007.3	1006.7	+1.0	29.4	24.9	22.7	27.9	68	- 5	4.1	-2.0	8.7	0	0	30	00	0		1	1	4	22	2	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST ,1968 (10 SRAVANA - 9 BHADRA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gen. of mean standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADRAS STATE (INCLUDING PONDICHERRY (CONTD)																											
MADRAS	1730	6	1003.7	1003.0	..	31.2	26.7	24.7	31.5	69	..	6.4	..	10.3	0	1	30	00	0	1	19	4	1	6	0	0	0
MADRAS (MINAMBAKKAM)	0230	16	1006.6	1003.9	..	28.3	24.2	22.2	26.9	71	..	4.6	..	13.3	0	2	26	00	0	0	2	9	9	8	0	3	0
	0530	16	1006.0	1004.3	..	27.4	23.4	21.3	25.5	70	..	4.8	..	10.8	0	4	23	00	0	0	0	4	7	16	0	4	0
	0830	16	1007.4	1005.7	+0.8	30.1	23.9	20.8	24.6	58	-11	5.2	-0.9	18.2	0	12	19	00	0	0	0	1	6	24	0	0	0
	1130	16	1006.5	1004.8	..	33.8	24.4	19.6	22.8	43	..	5.6	..	21.9	0	19	12	01	0	1	0	0	1	25	3	0	0
	1430	16	1003.8	1002.1	..	36.1	25.1	19.5	22.9	39	..	6.2	..	17.5	0	12	19	01	0	5	0	2	6	13	4	0	0
	1730	16	1003.4	1001.7	+0.6	32.7	25.9	22.7	27.9	57	- 7	6.5	+0.3	15.7	0	5	26	00	0	11	11	3	4	2	0	0	0
	2030	16	1005.9	1004.2	..	29.5	26.0	24.5	30.7	75	..	5.5	..	13.7	0	7	22	00	0	1	10	16	1	0	0	2	1
	2330	16	1006.8	1005.1	..	28.5	25.3	23.9	29.7	77	..	5.2	..	12.4	0	4	25	00	0	0	5	18	3	3	0	2	0
VELLORE	0530	214	1006.7	982.7	..	26.0	22.4	20.5	24.1	73	..	4.5	..	5.3	0	0	23	00	0	0	0	0	3	20	0	8	0
	0830	214	1007.9	984.2	+1.3	28.2	23.2	20.7	24.4	67	- 2	4.7	-0.9	9.3	0	1	30	00	0	0	0	0	2	29	0	0	0
	1130	214	1006.7	983.2	..	32.8	24.4	20.2	23.7	49	..	5.8	..	9.0	0	0	31	00	0	0	0	0	4	27	0	0	0
	1730	214	1003.0	979.7	+1.0	34.4	24.4	19.2	22.4	43	-11	6.5	+0.1	8.1	0	0	31	01	3	0	1	0	4	21	1	0	0
	2330	214	1007.5	983.6	..	28.1	23.4	21.0	25.0	67	..	5.9	..	4.1	0	0	20	00	0	0	0	0	2	18	0	11	0
TAMBARAM AERODROME	0830	29	1007.1	1003.9	..	30.4	24.5	21.5	25.9	61	..	5.1	..	25.8	0	23	8	00	0	0	0	0	5	25	1	0	0
	1730	29	1003.8	1000.6	..	33.8	26.0	22.3	27.3	53	..	6.5	..	23.2	0	20	11	01	1	0	10	8	4	6	1	0	0
TIRUPPATTUR	0830	390	1010.5	966.9	+2.9	25.7	23.7	22.7	27.6	88	+13	7.5	+1.3	5.5	0	0	31	02	2	0	2	22	3	0	0	0	0
	1730	390	1005.4	962.8	+2.5	30.3	24.3	21.4	25.5	61	+ 7	8.0	+1.2	7.7	0	0	31	04	1	0	3	20	3	0	0	0	0
METTUR DAM R.S.	0830	244	..	..	..	28.8	23.0	19.9	23.4	59	..	3.9	..	4.8	0	0	29	00	5	0	4	0	18	0	2	2	0
	1730	244	..	..	..	32.9	23.4	18.1	21.0	42	..	5.9	..	7.2	0	2	28	00	5	0	0	0	14	0	11	1	0
CUDDALORE	0530	6	1006.5	1005.2	..	26.2	23.6	22.3	26.9	80	..	5.2	..	1.6	0	0	12	00	0	0	0	2	9	1	0	19	0
	0830	6	1007.7	1006.4	+0.5	29.2	24.4	22.1	26.6	66	- 7	5.0	-0.8	7.3	0	0	31	00	0	0	0	1	23	7	0	0	0
	1130	6	1007.0	1005.7	..	33.9	25.2	20.9	25.0	47	..	4.2	..	8.7	0	0	31	00	1	0	0	0	15	13	2	0	0
	1430	6	1004.3	1003.0	..	35.4	25.7	20.9	25.0	45	..	5.0	..	11.6	0	1	30	00	0	3	9	2	10	6	1	0	0
	1730	6	1003.9	1002.6	+0.6	31.7	26.2	23.7	29.7	64	- 2	5.5	-0.5	9.4	0	0	31	00	0	1	20	1	8	1	0	0	0
	2330	6	1007.5	1006.2	..	28.2	25.0	23.5	29.1	76	..	5.3	..	10.2	0	5	21	00	0	0	1	7	17	1	0	1	0
KALLAKKURICHCHI	0830	217	1007.6	993.4	+0.7	28.4	27.2	26.8	35.0	91	+20	3.4	-1.7	7.6	0	0	28	00	0	0	0	1	26	0	1	3	0
	1730	217	1003.2	988.7	+0.2	33.8	33.2	32.9	30.6	85	+43	5.5	-0.5	10.1	0	3	26	00	0	0	1	0	27	1	0	2	0
SALEM	0530	278	1007.3	976.0	..	23.9	21.8	20.7	24.4	83	..	3.1	..	2.9	0	0	13	00	0	0	0	2	7	4	0	18	0
	0830	278	1008.9	977.7	+1.0	25.5	22.4	20.7	24.4	75	- 4	4.6	-1.1	3.0	0	0	20	00	0	0	0	1	6	12	1	11	0
	1130	278	1007.5	976.9	..	30.6	23.4	19.5	22.9	52	..	5.7	..	6.2	0	0	27	00	0	0	0	5	6	14	2	4	0
	1730	278	1004.3	973.4	+0.7	30.7	23.5	19.6	22.9	55	+ 0	6.5	-0.2	4.7	0	0	17	01	0	0	0	2	12	1	0	14	1
	2330	278	1008.7	977.5	..	26.3	22.5	20.5	24.1	71	..	4.4	..	4.3	0	0	15	00	0	0	0	2	11	1	1	16	0
COIMBATORE (PILAMEDU)	0530	399	1008.5	963.6	..	22.3	21.8	21.5	25.6	96	..	4.1	..	25.6	0	16	15	00	0	0	0	9	21	1	0	0	0
	0830	399	1009.6	965.1	+1.4	24.7	23.0	22.1	26.6	85	+ 5	4.5	-1.4	22.3	0	20	11	00	0	0	0	8	22	1	0	0	0
	1130	399	1008.3	964.5	..	29.2	24.7	22.4	27.4	68	..	4.7	..	31.2	0	25	5	00	0	0	0	6	19	5	0	1	0
	1430	399	1005.8	962.2	..	30.7	25.1	22.3	27.3	63	..	5.6	..	39.2	0	30	1	00	0	0	0	6	17	8	0	0	0
	1730	399	1005.9	962.0	+1.5	27.4	24.0	22.3	27.1	75	+ 8	5.6	-0.7	32.3	0	30	1	00	0	0	1	6	22	2	0	0	0
	2030	399	1008.8	964.2	..	24.2	22.9	22.1	26.9	89	..	4.5	..	26.6	0	29	2	00	0	0	0	7	23	1	0	0	0
	2330	399	1009.9	965.1	..	23.1	22.2	21.8	25.9	92	..	3.7	..	22.8	0	22	9	00	0	0	0	6	24	1	0	0	0
COIMBATORE	0830	409	1009.3	963.8	+1.1	24.9	21.7	20.1	23.4	75	- 2	5.3	-0.5	12.1	0	0	31	00	0	0	0	2	28	1	0	0	0
NAGAPATTINAM	0830	9	1008.7	1007.6	+1.0	29.0	23.7	21.1	25.0	63	- 7	5.8	+0.3	14.0	0	5	26	00	0	0	0	0	7	24	0	0	0
	1730	9	1004.6	1003.6	+0.6	32.2	26.4	23.8	29.7	62	- 5	5.9	+0.5	20.0	0	20	11	00	0	0	7	13	11	0	0	0	0
TIRUCHCHIRAPPALLI	0230	94	1006.9	997.0	..	27.2	22.4	19.8	22.7	65	..	5.4	..	25.1	0	24	5	00	0	0	0	0	6	22	1	2	0
	0530	94	1006.9	997.0	..	26.4	22.3	20.1	23.5	69	..	5.3	..	23.1	0	23	8	00	0	0	0	0	4	27	0	0	0
	0830	94	1008.1	998.2	+0.5	28.9	23.1	20.2	23.5	60	- 5	5.5	-0.2	31.9	0	26	5	00	0	0	0	0	4	27	0	0	0
	1130	94	1007.2	997.5	..	33.7	23.8	18.5	21.3	41	..	5.0	..	32.0	0	26	5	00	0	0	0	0	5	23	3	0	0
	1430	94	1004.1	994.6	..	36.0	24.3	18.0	20.8	35	..	5.3	..	28.1	0	22	9	01	0	0	0	0	2	23	5	0	0
	1730	94	1003.8	994.2	+0.1	34.5	23.8	18.0	20.8	38	- 9	6.1	-0.1	25.5	0	21	9	00	0	0	0	3	4	19	4	1	0
	2030	94	1007.1	997.3	..	29.5	23.0	19.4	22.7	56	..	6.4	..	23.6	0	18	13	00	0	0	2	5	7	17	0	0	0
	2330	94	1008.3	998.3	..	28.0	22.6	19.6	22.9	61	..	6.0	..	24.3	0	21	9	00	0	0	0	1	8	21	0	1	0
VEDARANNIYAM	0830	4	1008.6	1008.1	..	29.9	24.4	21.8	25.9	62	..	4.4	..	5.3	0	0	31	00	0	0	0	7	23	1	0	0	0
	1730	4	1005.3	1004.8	..	30.3	25.8	23.7	29.7	68	..	4.6	..	5.5	0	0	31	00	0	0	1	14	16	0	0	0	0
ATIRAMPATTINAM	0830	6	1008.7	1008.0	..	29.6	23.8	21.0	24.7	62	..	2.7	..	12.5	0	0	31	02	0	0	0	1	7	4	17	0	0
	1730	6	1004.9	1004.2	..	30.2	26.1	24.3	30.4	71	..	5.1	..	24.1	0	27	4	00	0	0	0	31	0	0	0	0	0
MADURAI	0830	133	1008.9	994.0	+1.3	29.1	24.7	22.7	27.6	71	+11	4.3	-1.4	4.4	0	0	31	01	0	0	0	0	0	2	28	0	0
MADURAI AERODROME	0530	131	1007.1	992.4	..	27.0	22.9	20.7	24.6	69	..	4.5	..	18.8	0	12	17	02	1	0	0	1	0	15	10	2	0
	0830	131	1008.5	993.8	+0.8	29.8	23.9	20.9	24.7	59	- 1	4.7	-0.9	17.4	0	10	20	02	1	0	1	0	0	14	10	1	2
	1130	131	1007.5	993.1	..	33.9	25.0	20.8	24.4	46	..	4.7	..	21.3	0	16	13	01	0	0	0	0	1	21	6	2	0
	1730	131	1004.6	990.2	+0.8	32.6	24.9	21.1	25.2	51	+ 0	6.2	-0.2	34.1	0	28	2	01	0	0	1	2	1	23	2	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST ,1968 (10 SRAVANA - 9 BHADRA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mb. At mean sea level or ht. in gpm. of mean standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mb.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADRAS STATE(INCLUDING PONDICHERRY)																											
TONDI	0830	5	1009.1	1008.5	+1.1	30.1	24.9	25.6	32.6	64	-10	5.7	+0.5	5.7	0	0	30	02	1	3	10	6	6	2	0	1	0
	1730	5	1005.4	1004.8	+0.9	29.8	26.2	24.7	31.1	74	- 5	6.3	+0.6	21.2	0	18	13	00	0	0	15	13	2	1	0	0	0
PAMBAN	0830	11	1009.0	1007.7	+0.9	28.2	25.5	24.3	30.4	80	+ 3	4.5	+0.7	10.1	0	3	28	00	0	0	2	4	13	12	0	0	0
	1730	11	1005.5	1004.2	+0.6	28.3	26.2	25.2	32.2	82	+ 2	5.2	+0.5	21.4	0	16	15	00	0	0	9	16	6	0	0	0	0
TUTICORIN	0830	4	1009.3	1008.9	+1.2	30.0	24.0	21.0	24.9	59	+ 2	3.0	-0.6	20.3	0	18	13	02	1	0	0	0	0	24	4	0	0
	1730	4	1006.0	1005.6	+1.3	31.9	24.7	21.1	25.2	55	+ 2	3.6	+0.1	23.3	0	22	9	01	0	0	3	4	0	22	1	0	0
PALAYANKOTTAI	0830	51	1009.1	1003.5	+1.1	30.2	23.5	20.1	23.5	55	- 1	4.1	-1.1	14.8	0	10	21	01	0	0	0	0	0	27	3	0	0
	1730	51	1006.2	1000.5	+1.3	31.8	23.9	19.8	23.2	49	- 2	4.9	-1.2	20.0	0	15	16	01	0	3	0	0	0	27	0	0	0
KANNIYAKUMARI	0830	37	1009.8	1005.7	..	26.7	23.7	22.3	26.9	77	..	4.0	..	22.5	0	22	9	00	0	0	0	0	1	29	1	0	0
	1730	37	1007.2	1003.1	..	27.2	24.0	22.4	27.3	75	..	5.1	..	22.4	0	21	10	00	0	0	0	0	12	19	0	0	0
PONDICHERRY	0830	6	1007.6	1007.0	..	28.9	24.4	22.5	26.9	68	..	4.9	..	12.8	0	3	28	00	0	0	0	1	10	15	5	0	0
	1730	6	1003.6	1003.0	..	30.9	27.1	25.6	32.6	75	..	6.1	..	24.3	0	24	7	00	1	1	15	10	3	1	0	0	0
PORT NOVA	0830	3	1007.5	1007.3	..	29.6	24.4	21.8	26.3	64	..	5.5	..	10.5	0	0	31	00	0	0	1	0	22	5	3	0	0
TUTICORIN H.P.	0830	3	1009.1	1008.9	..	29.9	23.8	20.6	24.4	58	..	3.9	..	26.4	0	20	11	03	1	0	0	1	3	17	6	0	0
	1130	3	1008.6	1008.3	..	32.9	24.6	20.3	24.1	50	..	3.6	..	28.3	0	21	10	00	1	4	2	2	4	16	2	0	0
	1430	3	1005.9	1005.5	..	33.5	24.9	20.4	24.4	49	..	4.5	..	33.3	0	29	2	00	0	0	5	6	1	17	2	0	0
	1730	3	1005.6	1005.3	..	31.7	24.1	20.1	23.8	52	..	5.2	..	37.3	0	27	4	00	0	0	3	5	0	20	3	0	0
COASTAL MYSORE																											
KARWAR	0830	4	1009.9	1009.4	+1.7	26.7	24.9	24.0	29.8	85	- 4	6.7	-0.5	5.2	0	0	31	00	2	3	0	0	7	16	2	0	1
	1730	4	1008.0	1007.5	+1.7	27.7	25.3	24.3	30.2	81	- 5	6.9	-0.3	9.8	0	1	30	01	0	0	0	0	2	17	10	0	1
HONAVAR	0830	26	1010.1	1007.1	+1.2	25.7	24.5	24.0	29.8	90	- 2	6.5	-0.4	6.0	0	0	30	00	0	7	0	4	1	16	2	1	0
	1730	26	1008.0	1005.1	+1.3	27.5	25.2	24.2	30.0	83	- 5	6.3	-0.6	4.4	0	0	29	00	0	0	0	0	0	26	3	2	0
MANGALORE(BAJPE)	0230	102	1009.2	997.7	..	24.6	23.8	23.4	28.8	93	..	6.4	..	10.9	0	5	17	00	0	0	0	0	8	12	2	9	0
	0530	102	1009.1	997.5	..	24.4	23.6	23.3	28.4	93	..	6.3	..	8.7	0	2	19	00	2	0	0	0	6	13	0	10	0
	0830	102	1010.3	998.8	+1.3	25.6	24.4	23.8	29.7	90	- 3	6.2	-1.1	9.5	0	4	18	02	0	1	0	0	3	15	1	9	0
	1130	102	1010.5	999.1	..	27.7	25.1	23.9	29.7	80	..	6.5	..	19.9	0	18	12	03	1	0	0	0	4	20	2	1	0
	1430	102	1008.8	997.4	..	28.1	25.1	23.7	29.5	77	..	6.4	..	23.7	0	25	5	00	0	0	0	0	6	21	3	1	0
	1730	102	1008.2	996.7	+1.2	26.9	24.6	23.5	28.9	82	- 6	6.3	-1.0	19.6	0	15	15	01	0	0	0	0	7	19	3	1	0
	2030	102	1010.0	998.5	..	25.2	24.1	23.4	28.9	90	..	6.1	..	11.2	0	3	24	00	1	0	0	0	4	17	5	4	0
	2330	102	1010.8	998.9	..	24.9	23.9	23.2	28.8	92	..	6.4	..	10.6	0	5	17	02	0	0	0	0	5	11	4	9	0
MANGALORE	0830	22	1010.6	1008.1	+1.3	26.6	24.6	23.9	29.3	85	- 6	6.5	-0.6	4.0	0	0	30	02	2	2	0	1	2	10	3	1	8
	1730	22	1008.5	1005.9	+1.3	27.9	25.3	24.1	30.0	80	- 7	4.8	-2.3	7.2	0	0	31	01	0	0	0	0	13	8	8	0	1
MANGALORE H.P.	0830	32	1010.1	1006.5	..	25.9	24.8	24.3	30.4	91	..	5.7	..	7.3	0	1	25	00	2	3	0	0	3	11	7	5	0
	1130	32	1010.3	1006.7	..	27.9	25.7	24.6	31.1	82	..	5.4	..	13.5	0	2	29	02	0	0	0	0	3	14	12	0	0
	1730	32	1008.0	1004.4	..	27.2	25.3	24.5	30.7	85	..	5.8	..	13.5	0	3	28	01	0	0	0	0	1	11	18	0	0
INTERIOR MYSORE,NORTH																											
BIDAR	0830	664	1005.8	932.8	+0.9	23.0	20.6	19.3	22.5	80	- 6	7.2	+0.6	22.3	0	20	11	01	0	0	0	0	17	12	1	0	0
	1730	664	1001.5	930.0	+1.1	27.8	21.4	17.7	20.8	57	-11	7.0	+0.1	20.0	0	17	14	00	0	0	0	0	10	17	4	0	0
GULBARGA	0830	458	1006.6	955.5	+0.4	24.7	21.4	19.8	22.9	74	- 7	6.9	+0.7	13.1	0	5	26	00	0	0	0	0	2	27	2	0	0
	1730	458	1002.3	952.5	+1.2	30.3	22.2	18.1	20.8	47	-12	7.1	+0.4	16.5	0	12	19	00	0	0	0	0	0	30	1	0	0
BIJAPUR	0830	594	1007.5	941.7	+1.0	23.1	21.0	19.8	23.2	82	+ 2	6.6	+0.5	17.2	0	17	14	01	0	0	0	0	12	18	0	0	0
	1730	594	1002.9	938.6	+1.0	29.1	21.9	18.3	21.0	55	- 5	7.5	+1.1	12.4	0	4	26	00	0	0	0	0	3	20	7	1	0
RAICHUR	0830	400	1007.3	963.0	+0.8	25.9	21.8	19.5	22.7	68	- 9	4.6	-0.9	11.4	0	0	31	00	0	0	0	0	21	1	9	0	0
	1730	400	1002.2	958.9	+0.7	31.3	22.4	17.2	19.7	45	-10	5.6	-0.4	12.4	0	4	26	00	1	1	0	0	12	0	16	1	0
BELGAUM	0830	753	1008.3	925.4	+0.7	21.5	20.6	20.1	23.5	91	- 1	7.3	+0.6	4.5	0	0	27	00	0	0	0	0	0	26	1	4	0
	1730	753	1005.9	923.8	+0.9	23.4	21.3	20.3	23.8	83	- 4	7.5	+0.7	4.8	0	0	31	00	0	0	0	0	4	21	6	0	0
BELGAUM(SAMRA)	0530	747	1007.5	924.9	..	20.3	19.5	19.1	22.1	93	..	5.7	..	15.5	0	12	17	00	0	0	0	0	4	21	4	2	0
	0830	747	1008.5	926.2	+1.1	21.7	20.3	19.5	22.8	88	- 3	6.3	-1.0	18.5	0	15	16	00	0	0	0	0	6	21	4	0	0
	1130	747	1008.2	926.5	..	23.9	20.9	19.5	22.5	77	..	6.4	..	25.3	0	23	8	00	0	0	0	0	3	25	3	0	0
	1430	747	1006.4	925.1	..	24.7	21.2	19.5	22.7	73	..	6.4	..	26.7	0	27	4	00	0	0	0	0	3	26	2	0	0
	1730	747	1006.2	924.6	+1.3	23.4	20.8	19.5	22.7	79	- 6	6.5	-0.8	23.7	0	21	10	00	0	0	0	0	2	27	2	0	0
	2030	747	1008.3	926.0	..	21.3	20.2	19.6	22.9	90	..	6.2	..	14.1	0	6	25	00	0	0	0	0	0	30	1	0	0
GADAG	0530	650	1007.5	935.4	..	20.9	20.4	20.1	23.5	95	..	4.9	..	15.4	0	5	26	00	0	0	0	0	12	19	0	0	0
	0830	650	1007.9	936.2	+0.3	22.5	21.4	20.8	24.7	90	+ 6	5.4	-1.3	14.0	0	4	27	00	0	0	0	0	5	26	0	0	0
	1130	650	1007.3	936.7	..	27.2	22.9	20.9	24.7	69	..	6.7	..	19.1	0	14	17	01	0	0	0	0	6	24	0	0	0
	1430	650	1004.9	934.8	..	28.9	23.2	20.5	24.1	62	..	6.7	..	19.4	0	17	14	00	0	0	0	0	5	24	2	0	0
	1730	650	1004.6	934.1	+1.0	27.3	22.7	20.4	24.1	67	- 3	6.6	+0.0	16.6	0	9	22	00	0	0	0	0	3	28	0	0	0
	2030	650	1007.7	936.2	..	23.5	21.8	20.9	24.9	86	..	3.8	..	17.8	0	7	24	00	0	0	0	0	6	24	1	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST ,1968 (10 SRAVANA - 9 BHADRA ,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mb.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Kts. per hour	No. of observations													
			At mean sea level or lat. in gen. of mean standard isobaric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind speed (Kts. p. h.)			Wind direction										
															02 or mins	20 to 01	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
INTERIOR MYSORE NORTH (CONTD.)																												
GADAG	2330	650	1009.0	937.0	..	21.9	21.2	20.8	24.7	93	..	4.0	..	11.4	0	3	28	00	0	0	0	0	7	24	0	0	0
BIDAR A.F.	0530	665	1003.1	931.8	..	21.7	19.7	18.7	21.4	83	..	5.9	..	11.3	0	15	16	01	0	0	0	0	2	24	4	0	0
	0830	665	1006.2	933.0	..	23.3	20.5	19.0	22.1	77	..	6.3	..	26.8	0	26	5	02	0	0	0	0	5	20	4	0	0
	1130	665	1005.2	933.0	..	27.2	21.3	18.3	21.0	59	..	6.4	..	15.9	0	28	3	02	0	0	0	0	3	20	6	0	0
	1730	665	1002.1	930.3	..	28.0	21.8	18.5	21.6	57	..	6.3	..	23.8	0	18	13	01	1	0	0	0	1	22	6	0	0
	2330	665	1005.7	932.8	..	24.1	21.1	19.5	22.8	75	..	5.3	..	17.3	0	13	13	02	0	0	0	0	2	20	2	5	0
INTERIOR MYSORE, SOUTH																												
BELLARY	0830	449	1007.5	957.7	+0.8	25.6	21.7	19.6	22.7	69	- 3	6.2	+0.2	17.5	0	11	20	00	0	0	0	0	2	16	13	0	0
	1730	449	1003.1	954.5	+1.2	31.0	22.7	18.2	20.8	47	-10	7.0	+0.8	19.5	0	20	11	01	0	0	0	0	5	7	18	0	0
CHITRADURGA	0830	733	1008.6	927.9	+0.9	21.6	19.9	19.1	22.1	85	+ 1	5.6	-1.5	13.8	0	0	31	00	0	0	0	0	3	28	0	0	0
	1730	733	1005.1	925.7	+1.4	26.0	20.9	18.1	21.0	63	- 6	5.2	-1.4	15.2	0	3	28	00	0	0	0	0	5	26	0	0	0
SHIMOGA	0830	571	..	..	+ .M	..	..	..	..	..	..	7.1	-0.1	1.9	0	0	28	00	0	0	0	0	17	11	0	3	0
	1730	571	..	..	+A.A	..	..	..	..	..	..	6.8	-0.9	3.0	0	0	31	00	0	0	0	0	0	31	0	0	0
AGUMBE	0830	1018	..	..	..	21.6	20.7	20.3	23.8	93	..	.	..	18.1	0	14	13	00	0	1	0	0	23	3	0	4	0
BALEHONNUR	0830	907	..	..	..	20.4	19.7	19.3	22.4	93	- 1	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
HASSAN	0830	960	1494.3	904.7	+0.7	19.9	19.0	18.5	21.3	88	+ 3	7.0	+0.0	5.4	0	0	30	00	0	0	0	0	6	22	2	0	0
	1730	960	1479.1	902.9	+1.2	23.2	20.2	18.7	21.4	77	- 2	6.9	-0.1	4.2	0	0	31	00	0	0	0	0	5	23	3	0	0
BANGALORE	0230	921	1497.4	909.0	..	20.4	19.0	18.1	20.9	87	..	4.3	..	9.5	0	1	30	00	0	0	0	0	11	19	1	0	0
	0830	921	1505.0	909.8	+2.1	20.8	19.2	18.3	21.0	86	+ 0	6.4	-1.1	9.6	0	0	31	00	0	0	0	0	11	18	2	0	0
	1130	921	1513.1	909.7	..	25.3	20.4	17.7	20.4	63	..	6.3	..	11.2	0	3	28	00	0	0	0	0	9	19	3	0	0
	1430	921	1500.9	907.9	..	27.9	21.0	17.5	19.7	54	..	6.3	..	13.1	0	7	24	01	0	0	0	0	9	18	3	0	0
	1730	921	1491.4	907.3	+2.4	26.2	20.7	17.6	20.4	61	- 5	6.6	-0.5	12.0	0	4	27	01	0	0	0	0	6	19	5	0	0
	2030	921	1502.8	909.1	..	23.1	19.9	18.2	20.9	75	..	4.9	..	10.1	0	3	28	00	0	0	0	0	10	17	4	0	0
BANGALORE AERODROME	0530	901	1477.7	909.8	..	19.4	18.8	18.5	21.3	94	..	5.4	..	16.8	0	10	21	00	0	0	0	0	12	18	1	0	0
	0830	901	1493.2	911.1	+0.9	21.2	19.6	18.7	21.7	86	+ 1	6.6	-0.7	22.5	0	21	10	00	0	0	0	0	11	19	1	0	0
	1130	901	1499.6	910.9	..	25.2	20.8	18.6	21.3	67	..	6.4	..	25.4	0	25	6	01	0	0	0	0	8	20	2	0	0
	1730	901	1475.4	908.2	+0.9	25.7	21.0	18.5	21.4	66	+ 0	6.7	-0.3	22.0	0	19	12	00	0	0	0	0	7	21	3	0	0
	2330	901	1495.5	911.3	..	21.3	19.5	18.4	21.1	84	..	5.1	..	18.2	0	15	16	00	0	0	0	0	12	18	1	0	0
MYSORE	0830	767	1010.0	925.4	+1.0	21.5	19.4	18.3	21.0	82	- 2	3.9	-2.3	11.3	0	0	31	05	2	3	2	3	11	2	3	0	0
	1730	767	1006.3	923.1	+1.1	25.4	20.5	17.9	20.5	65	- 2	4.5	-2.2	15.9	0	6	25	04	1	2	0	2	10	0	12	0	0
YALANKA A.F.	0530	932	1479.1	906.6	..	19.3	18.3	17.6	20.2	91	..	5.1	..	22.1	0	17	14	00	0	0	0	0	2	28	1	0	0
	0830	932	1494.3	907.7	..	21.5	19.3	18.1	20.8	81	..	6.3	..	28.1	0	28	3	00	0	0	0	0	2	27	2	0	0
	1130	932	1499.6	907.5	..	25.5	20.2	17.3	19.7	60	..	6.2	..	32.5	1	28	1	00	0	0	0	0	1	24	5	1	0
	1730	932	1478.7	905.1	..	26.3	20.2	16.8	19.3	58	..	6.3	..	27.6	0	26	5	00	0	1	0	0	1	25	4	0	0
	2330	932	1494.3	907.8	..	21.4	19.0	17.8	20.2	80	..	5.0	..	23.5	0	23	8	00	0	0	0	0	2	26	3	0	0
KERALA																												
CALICUT	0530	5	1009.9	1009.3	..	23.9	23.5	23.3	28.6	96	..	5.0	..	2.3	0	1	10	01	0	8	0	0	0	1	1	20	0
	0830	5	1011.2	1010.6	+1.4	25.1	24.1	23.6	29.1	92	+ 0	6.0	-0.6	2.4	0	0	24	00	2	7	0	1	2	5	7	6	0
	1130	5	1011.3	1010.7	..	26.7	24.9	24.2	29.8	87	..	4.7	..	4.5	0	0	29	00	0	0	0	2	3	19	5	2	0
	1430	5	1010.0	1009.4	..	27.7	25.5	24.5	30.7	83	..	5.7	..	3.9	0	0	31	01	0	2	0	5	9	13	1	0	0
	1730	5	1009.3	1008.7	+1.7	26.5	24.9	24.2	30.2	87	+ 1	6.4	-0.3	4.2	0	0	29	00	0	1	0	0	3	8	17	1	0
	2330	5	1011.3	1010.7	..	24.4	23.4	22.9	27.9	92	..	6.5	..	4.5	0	0	26	05	0	8	0	1	4	4	4	5	0
PALGHAT	0830	97	1010.7	999.9	+1.3	24.8	23.6	23.0	28.1	90	- 1	6.8	-0.1	10.8	0	0	31	00	0	0	0	0	2	29	0	0	0
	1730	97	1008.1	997.2	+1.3	26.8	23.9	22.7	27.3	78	- 3	6.4	-0.3	12.3	0	0	31	00	0	0	0	0	1	29	1	0	0
FORT COCHIN	0830	3	1011.3	1011.0	+1.1	26.4	24.9	24.1	30.4	86	- 2	7.1	+0.2	5.9	0	0	23	02	1	2	0	0	2	8	8	8	0
	1730	3	1008.9	1008.6	+1.2	26.9	25.0	24.1	30.0	85	- 1	7.6	+0.6	10.3	0	0	31	00	0	0	0	0	0	18	13	0	0
COCHIN(NAVAL AIR STATION)	0230	3	1010.3	1010.0	..	24.6	23.8	23.4	28.8	93	..	6.3	..	2.3	0	0	11	01	1	0	0	0	1	4	4	20	0
	0530	3	1010.1	1009.8	..	24.3	23.6	23.3	28.6	94	..	5.6	..	2.3	0	1	7	00	2	1	0	0	1	2	2	23	0
	0830	3	1011.3	1011.0	..	26.0	24.3	23.6	28.9	87	..	6.2	..	4.8	0	0	19	05	2	4	0	0	2	2	4	12	0
	1130	3	1011.6	1011.3	..	28.0	25.0	23.7	29.3	77	..	5.9	..	13.7	0	0	29	01	0	0	0	0	4	12	12	2	0
	1730	3	1009.1	1008.8	..	27.2	24.8	23.7	29.3	80	..	6.3	..	15.4	0	1	30	00	0	0	0	0	2	14	15	0	0
	2330	3	1011.7	1011.4	..	25.3	24.2	23.8	29.3	91	..	6.5	..	4.2	0	0	12	02	1	1	0	0	1	3	4	19	0
ALLEPPEY	0830	4	1011.5	1011.1	+1.4	25.6	24.7	24.3	30.4	92	+ 1	6.3	-0.3	6.5	0	0	29	03	10	3	0	0	2	4	7	2	0
	1730	4	1009.9	1009.5	+2.3	27.2	25.2	24.3	30.4	84	- 1	6.3	-0.4	18.8	0	14	17	00	0	0	0	0	0	1	30	0	0
PUNALUR	0830	34	1011.5	1007.7	+1.6	25.4	24.1	23.6	28.9	90	- 2	7.1	+0.9	0.5	0	0	4	00	0	0	0	0	1	2	1	27	0
	1730	34	1008.3	1004.5	+1.0	29.3	25.2	23.4	28.6	71	- 6	7.6	+1.2	6.4	0	0	30	00	0	0	0	0	7	15	8	1	0
TRIVANDRUM	0230	64	1010.0	1002.7	..	24.1	23.5	23.2	28.9	95	..	4.3	..	7.1	0	0	30	07	0	0	0	0	0	0	23	1	0
	0530	64	1009.9	1002.5	..	23.7	23.2	23.0	27.9	96	..	4.9	..	7.4	0	0	30	16	0	0	0	0	2	12	1	0	0
	0830	64	1011.4	1004.1	+1.3	25.4	24.1	23.5	28.6	89	+ 1	5.6	-0.5	7.8	0	0	31	07	0	0	0	0	0	1	23	0	0
	1130	64	1011.0	1003.8	..	28.1	24.9	23.4	28.9	76	..	6.0	..	14.3	0	5	26	03	0	0	0	0	0	2	26	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST ,1968 (10 SRAVANA - 9 BHADRA,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C						Cloud Amount (Oktas)			No. of observations													
			At mean sea level or lat. in gen. of mean standard isobaric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Mean amount	Departure from normal	Wind speed Km. per hour	Wind speed (Km. p. h.)			Wind direction										
															02 or more	20 to 02	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
KERALA (CONTD.)																												
TRIVANDRUM	1430	64	1009.0	1001.8	..	28.5	24.8	23.1	28.3	73	..	5.9	..	4.5	0	4	27	01	0	0	0	0	0	4	26	0	0
	1730	64	1008.8	1001.5	+1.3	27.7	24.5	23.0	28.1	76	- 2	5.7	-0.1	13.5	0	1	30	00	0	0	0	0	0	4	27	0	0
	2030	64	1010.8	1003.5	..	25.4	23.9	23.1	28.3	87	..	4.5	..	9.4	0	0	31	02	1	0	0	0	0	1	27	0	0
	2330	64	1011.6	1004.3	..	24.6	23.7	23.3	28.6	92	..	5.4	..	10.0	0	1	30	07	0	0	0	0	0	1	23	0	0
TRIVANDRUM AERODROME	0830	8	1011.8	1010.9	+1.7	26.1	24.2	23.4	28.6	85	+ 1	6.3	+0.0	19.9	0	18	13	17	0	0	0	0	0	1	13	0	0
ARABIAN SEA ISLANDS																												
AMINI	0530	2	1009.2	1008.7	..	26.9	25.1	24.2	30.4	85	..	4.6	..	35.9	0	31	0	01	0	0	0	0	0	26	4	0	0
	0830	2	1010.7	1010.3	+1.3	27.4	25.3	24.4	30.4	84	+ 0	5.2	-0.7	33.3	0	31	0	01	0	0	0	0	1	25	4	0	0
	1130	2	1011.1	1010.6	..	28.6	25.8	24.6	30.9	79	..	5.2	..	33.3	0	31	0	01	0	0	0	0	1	23	6	0	0
	1730	2	1008.6	1008.2	..	28.4	25.9	24.8	31.5	81	..	5.7	..	33.9	0	31	0	01	0	0	0	0	0	21	9	0	0
	2330	2	1011.3	1010.8	..	27.3	25.4	24.6	30.7	85	..	4.7	..	33.9	0	31	0	01	0	0	0	0	0	23	7	0	0
AGATTI	0830	4	1010.8	1010.3	..	27.5	25.0	24.0	29.7	83	..	5.5	..	20.6	0	18	13	00	0	0	0	0	0	21	10	0	0
	1730	4	1009.1	1008.6	..	28.3	25.4	24.2	30.0	79	..	5.7	..	23.3	0	24	7	00	0	0	0	0	0	18	13	0	0
ANDROTH	0830	5	1011.7	1011.2	..	26.7	24.9	24.0	29.8	85	..	6.1	..	3.7	0	0	29	00	0	0	0	0	3	5	14	2	7
	1730	5	1007.7	1007.2	..	28.7	25.5	24.2	30.2	77	..	6.1	..	3.5	0	0	27	00	0	0	0	0	2	15	4	4	6
MINICOY	0530	2	1010.5	1010.3	..	26.3	23.7	22.5	27.3	80	..	5.1	..	13.1	0	7	22	01	0	0	0	0	0	19	9	2	0
	0830	2	1012.0	1011.8	+1.6	27.2	24.5	23.2	28.6	79	- 2	4.9	-1.4	12.4	0	5	26	01	0	0	0	0	0	18	12	0	0
	1130	2	1012.2	1012.0	..	28.7	25.2	23.7	29.3	74	..	5.9	..	13.3	0	5	25	01	0	0	0	0	0	14	15	1	0
	1430	2	1010.4	1010.2	..	28.8	25.2	23.5	29.1	74	..	6.1	..	14.5	0	8	23	01	0	0	0	0	0	18	12	0	0
	1730	2	1009.9	1009.7	+1.8	27.9	24.7	23.2	28.4	76	- 4	6.5	+0.0	14.1	0	6	25	01	0	0	0	0	0	15	15	0	0
	2030	2	1011.6	1011.4	..	26.9	24.2	22.9	27.9	79	..	4.2	..	14.9	0	10	21	01	0	0	0	0	0	17	13	0	0
	2330	2	1012.5	1012.3	..	26.7	24.2	23.0	28.3	80	..	4.6	..	16.6	0	14	17	01	0	0	0	0	0	18	12	0	0
HILL STATIONS (EXCLUDING KASHMIR)																												
DALHOUSIE	0830	1959	1400.6	796.9	+1.2	18.3	16.3	14.9	16.9	84	- 7	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	1959	1388.3	796.2	+1.7	20.5	18.0	16.8	19.1	82	- 5	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
DHARMASALA	0830	1211	1474.0	875.1	-2.5	23.4	21.1	19.9	23.2	81	- 4	5.0	-0.6	0.5	0	0	15	02	2	6	1	2	1	0	1	16	0
	1730	1211	1460.7	874.9	-1.1	24.9	22.3	21.0	24.9	80	- 3	5.5	-0.1	0.9	0	0	22	00	3	0	0	2	8	7	2	9	0
BHUNTAR	0830	1096	1435.4	884.0	..	22.7	20.7	19.7	22.9	83	..	5.4	..	2.1	0	0	20	08	0	3	5	4	0	0	0	11	0
	1130	1096	1433.7	883.2	..	28.3	22.4	19.5	22.7	59	..	5.1	..	11.7	0	7	22	02	1	1	6	18	1	0	0	2	0
	1730	1096	1412.5	881.1	..	27.6	22.1	19.4	22.5	62	..	5.4	..	15.3	0	10	17	00	0	4	10	12	0	0	1	4	0
SIMLA	0830	2202	1437.8	778.1	-0.2	17.6	15.4	14.0	16.0	81	- 8	4.4	-2.1	1.9	0	0	30	00	8	0	11	0	8	0	3	1	0
	1730	2202	1423.1	777.2	+0.2	18.8	17.0	15.9	18.1	84	- 8	5.9	-1.2	2.0	0	0	31	01	0	0	10	4	7	2	7	0	0
GHANGARIA (KANJALIA TOK)	0830		..	..	..	11.5	10.2	9.1	11.5	86	- 5	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BADRINATH	0830		(R)																								
JOSHIMATH	0830		..	..	.	19.9	18.3	17.6	20.1	87	- 2	2.5	-3.8	2.3	0	0	26	00	2	7	1	0	8	8	0	5	0
	1730		..	..	.	22.4	20.2	19.0	22.0	82	+ 3	5.4	-1.4	4.3	0	0	29	00	4	2	0	0	7	13	3	2	0
MUSSOORIE	0830	2042	1430.1	792.0	-2.0	17.9	17.0	16.5	18.8	92	- 2	6.2	-0.7	1.2	0	0	13	02	2	0	3	5	1	0	0	18	0
	1730	2042	1414.5	790.6	-2.0	18.1	17.9	17.6	20.1	97	- 1	7.4	+0.0	1.7	0	0	21	01	1	0	7	9	3	0	0	10	0
MUKTESHWAR (KUMAUN)	0830	2311	3106.1	769.3	+0.3	16.7	15.7	15.1	17.1	91	- 1	6.2	-0.3	3.3	0	0	28	00	5	7	3	2	1	6	4	3	0
	1730	2311	3093.3	767.8	+0.4	17.9	16.9	16.4	18.6	91	- 2	6.2	-0.5	5.7	0	1	26	00	2	0	2	0	7	11	5	4	0
NAINITAL	0830	1953	1429.6	799.9	-0.6	18.8	16.6	15.5	17.6	81	- 6	5.2	-1.4	4.8	0	0	24	03	0	9	9	2	0	1	0	7	0
	1730	1953	1406.9	798.2	-0.3	19.1	17.3	16.1	18.3	83	- 4	5.2	-1.4	8.1	0	0	30	02	0	6	6	2	0	13	1	1	0
KALIMPONG	0830	1209	1483.9	877.2	+2.6	25.1	23.6	22.9	27.9	89	+ 2	5.5	+0.1	5.8	0	0	31	00	2	0	14	0	0	0	15	0	0
	1730	1209	1453.0	874.1	+1.9	25.6	23.9	23.1	28.4	87	- 5	5.8	+0.5	5.6	0	0	31	00	1	0	30	0	0	0	0	0	0
DARJEELING	0830	2128	(R)																								
	1730	2128	(R)																								
KOHIMA	0830	1406	(R)																								
	1730	1406	(R)																								
SHILLONG (C.S.O.)	0830	1598	1447.3	835.6	+0.5	20.9	19.1	18.2	20.9	84	+ 5	6.0	-0.8	4.1	0	0	26	00	2	2	8	1	1	7	5	5	0
	1730	1598	1423.7	833.3	+0.9	20.5	19.3	18.7	21.6	90	+ 8	6.6	-0.6	2.2	0	0	15	00	1	1	3	5	4	1	0	16	0
CHERRAPUNJI	0830	1313	1492.4	868.0	+3.3	20.0	19.8	19.7	22.9	98	+ 7	7.6	+0.8	5.3	0	0	31	00	15	0	3	0	12	0	1	0	0
	1730	1313	1480.3	866.6	+4.3	20.2	19.9	19.7	22.9	94	+ 1	7.4	+1.5	4.5	0	0	31	00	17	0	5	0	9	0	0	0	0
ABU	0830	1195	1468.9	877.7	+3.1	19.1	18.4	17.9	20.5	94	- 1	7.0	-0.1	3.2	0	0	0	..	..	..	..	..	..	..	..	..	..
	1730	1195	1432.8	874.2	+1.0	21.5	19.7	18.8	21.7	87	- 2	6.1	-0.6	5.4	0	0	0	..	..	..	..	..	..	..	..	..	..
AIJAL	0830		..	..	..	22.0	21.3	20.9	24.7	94	+ 3	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	22.6	22.0	21.6	25.8	96	+ 2	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
PACHMARHI	0830	1075	1445.5	887.5	-0.2	20.2	19.4	18.9	22.0	93	+ 1	7.4	+0.0	5.8	0	0	31	00	0	0	0	1	2	22	6	0	0
	1730	1075	1430.8	885.8	+0.3	21.9	20.3	19.5	22.7	87	- 1	6.9	-0.5	5.4	0	0	31	00	0	0	0	2	2	22	5	0	0
MAHABALESHWAR	0830	1382	1475.5	859.7	+0.6	17.2	17.2	17.2	19.6	0	-94	7.9	+0.0	22.2	0	27	4	00	0	0	0	0	24	0	7	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1968 (10 SRAVANA - 9 BHADRA 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or bt. in gms. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 02 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HILL STATIONS (EXCLUDING KASHMIR)																											
MAHABALESHWAR	1730	1382	..	..	..	..	..	..	..	..	..	8.0	+0.4	20.2	0	24	7	00	0	0	0	0	24	0	7	0	0
MERCARA	0830	1153	1515.9	885.5	+1.5	18.1	17.7	17.6	20.0	97	+ 1	7.4	+0.5	20.6	0	16	15	00	0	0	0	0	2	16	10	0	3
	1730	1153	481.5	883.4	+1.1	19.6	18.7	18.3	20.9	92	- 3	7.4	+0.6	20.5	0	13	18	00	0	0	0	0	3	13	8	0	7
OOTACAMUND	0830	2249	1504.4	779.3	+1.4	13.2	11.9	11.0	13.0	87	- 4	4.5	-1.6	5.3	0	0	26	00	0	0	0	1	0	25	0	5	0
	1730	2249	1480.1	777.3	+0.9	14.6	12.9	11.7	13.7	83	- 5	5.9	-1.1	5.3	0	0	24	00	0	0	0	0	1	23	0	7	0
COONOOR	0830	1747	..	..	..	19.3	15.2	12.6	14.7	65	- 6	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
KODAIKANAL	0830	2343	3146.4	770.8	+0.9	14.6	12.3	10.7	12.9	78	- 2	5.9	+0.3	7.6	0	29	1	00	0	6	0	1	8	13	2	1	0
	1130	2343	3158.0	771.0	..	17.6	14.5	12.5	14.5	73	..	7.0	..	9.4	0	0	30	03	2	0	3	3	0	2	17	1	0
	1730	2343	3130.8	769.2	+0.9	14.6	13.3	12.3	14.5	87	- 3	7.3	+0.0	8.9	0	1	26	00	1	0	2	1	1	5	17	4	0
MANALI	0830	6690	..	..	..	16.5	16.0	15.9	18.1	95	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	6690	..	..	..	22.0	19.4	18.9	21.8	80	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
NEPAL																											
KATMANDU	0830	1324	1441.4	861.7	-0.6	22.4	20.9	20.1	23.6	87	+ 5	6.3	-0.3	0.3	0	0	5	02	0	2	0	1	0	0	0	26	0
	1130	1324	1436.6	861.1	..	25.9	22.1	20.2	23.7	71	..	5.5	..	1.2	0	0	17	07	0	4	0	5	0	1	0	14	0
	1730	1324	1413.7	858.9	-1.0	23.8	21.5	20.4	24.1	82	+ 1	6.3	-0.4	1.5	0	0	15	06	2	0	3	2	0	0	2	16	0
SIKKIM																											
LACHEN	0830		(R)																								
HYDROMETEOROLOGICAL OBSERVATORIES																											
DAMODAR CATCHMENT																											
TILAIYA	0830		..	..	..	27.2	24.8	23.7	29.3	82	..	6.4	..	9.0	0	0	31	00	0	7	3	0	0	21	0	0	0
	1730		..	..	..	27.8	25.0	23.7	29.3	79	..	6.4	..	6.9	0	0	30	01	0	8	0	2	0	17	2	1	0
HAZARIBAGH	0830		(R)																								
	1730		(R)																								
KONAR	0830		(R)																								
	1730		(R)																								
BOKARO	0830	242	999.7	972.9	..	27.7	25.7	24.9	31.5	86	..	5.0	..	4.8	0	0	30	01	1	5	5	1	4	8	5	1	0
	1730	242	997.2	970.6	..	28.4	25.9	24.8	31.3	82	..	4.9	..	4.8	0	0	29	01	1	4	4	1	5	8	5	2	0
MAITHON	0830		..	..	..	29.5	26.3	24.9	31.5	77	..	5.9	..	4.1	0	0	31	00	4	0	10	8	6	0	3	0	0
	1730		..	..	..	29.4	26.1	24.6	30.9	77	..	5.2	..	4.6	0	0	31	00	5	1	15	1	6	0	3	0	0
RAMGARH	0830		..	..	..	27.2	25.1	24.1	30.0	83	..	5.7	..	6.7	0	0	29	00	0	6	2	1	1	12	3	2	4
	1730		..	..	..	28.3	25.2	23.9	29.5	78	..	5.3	..	6.7	0	0	27	02	1	7	4	2	1	7	1	4	2
PANCHET HILLS	0830		..	..	..	28.4	26.4	25.6	32.8	85	..	6.3	..	1.4	0	0	16	00	2	0	6	0	3	0	5	15	0
	1730		..	..	..	28.9	26.4	25.3	32.2	82	..	6.3	..	1.2	0	0	16	00	6	0	3	0	1	0	6	15	0
DURGAPUR	0830		..	..	..	29.0	26.5	25.4	32.4	82	..	6.7	..	11.0	0	2	29	05	1	3	5	7	3	4	3	0	0
	1730		..	..	..	29.5	26.5	25.3	32.2	79	..	7.2	..	9.0	0	2	23	03	0	3	4	11	1	1	2	6	0
MAHANADI CATCHMENT																											
GINABAHAR	0830		..	..	..	25.9	24.2	23.5	28.9	87	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
HIRAKUD	0830	159	1002.0	984.2	..	26.7	25.2	24.3	30.4	85	..	6.3	..	2.5	0	0	17	00	0	0	0	2	7	8	0	14	0
	1130	159	1001.5	983.8	..	28.9	25.7	24.5	30.7	77	..	6.1	..	2.6	0	0	20	01	0	0	0	1	8	10	0	11	0
	1730	159	999.2	981.6	..	28.5	25.6	24.3	30.4	79	..	6.1	..	1.7	0	0	11	00	0	0	0	1	1	8	0	20	1
RHIMKUND	0830		(R)																								
	1730		(R)																								
SONEPUR	0830		..	..	..	27.1	25.9	24.5	30.7	86	..	.	..	..	.	..	..	00	0	0	0	0	0	28	0	0	0
KHIJRAWAN	0830		..	..	..	25.2	23.0	21.9	26.3	83	..	6.6	..	11.7	0	2	29	00	0	0	2	1	11	15	2	0	0
	1730		..	..	..	27.8	23.9	22.0	26.6	71	..	6.5	..	7.5	0	0	31	01	1	0	1	2	13	7	6	0	0
NARMADA CATCHMENT																											
BAGRA TAWA	0830		..	..	..	24.8	22.9	21.9	26.3	84	..	7.0	..	13.7	0	0	30	01	0	0	2	1	15	11	0	1	0
	1730		..	..	..	26.5	23.8	22.5	27.3	81	..	6.4	..	13.3	0	1	30	00	0	0	4	3	11	13	0	0	0
PINASA	0830		..	..	..	25.1	23.4	22.5	27.3	86	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	29.1	20.4	14.7	16.9	43	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TIKRI	0830		..	..	..	26.2	24.1	23.1	28.3	83	..	5.4	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
SABARMATI CATCHMENT																											
DAROI	0830		..	..	..	25.8	24.2	23.5	28.9	87	..	.	..	..	.	..	..	00	0	0	0	0	0	0	0	0	0
	1730		..	..	..	29.6	25.1	23.0	28.1	69	..	.	..	..	.	..	..	00	0	0	0	0	0	0	0	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST ,1968 (10 SRAVANA - 9 BHADRA ,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations													
			At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. P. h.)			Wind direction										
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
GANDAK CATCHMENT																												
JAMOSOM	0830		..	..	..	17.4	14.9	13.5	15.5	80	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	19.8	15.3	12.9	14.9	67	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
KHUDI BAZAR	0830		..	..	..	24.4	22.4	21.5	25.6	84	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	25.6	23.3	22.3	26.9	83	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
TIMURE	0830		..	..	..	19.9	18.3	17.4	19.9	85	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	21.7	19.2	18.0	20.6	79	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
POKHARA	0830		..	..	..	24.9	23.0	22.2	26.8	85	..	6.3	..	3.2	0	0	25	02	2	2	11	3	2	2	1	6	0
	1130		..	..	..	27.1	24.0	22.6	27.5	75	..	5.1	..	3.5	0	0	28	00	0	2	14	9	2	0	1	3	0
	1730		..	..	..	26.3	23.7	22.6	27.4	81	..	6.2	..	6.3	0	0	29	03	1	6	12	2	0	1	3	2	1
GORKHA	0830		..	..	..	22.7	22.0	21.6	25.9	94	..	.	..	..	.	..	..	03	1	3	4	8	2	4	3	3	0
	1130		..	..	..	25.6	23.5	22.6	27.4	84	..	.	..	..	.	..	..	01	0	3	9	14	2	1	1	0	0
	1730		..	..	..	25.1	22.7	21.6	25.9	82	..	.	..	..	.	..	..	01	3	2	5	7	1	5	5	2	0
MUNAKOT	0830		..	..	..	23.6	18.4	15.2	17.5	60	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	22.7	17.0	12.9	15.2	53	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)																												
DAILEKH	0830		..	..	..	22.0	20.9	20.3	23.9	91	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	22.8	21.6	21.0	24.9	90	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
GHAGHARA CATCHMENT																												
SALLYANA	0830		..	..	..	22.3	21.0	20.3	23.9	89	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	21.7	20.4	19.8	23.2	89	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
BUTWAL	0830		..	..	..	28.4	25.9	24.6	31.0	81	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	28.7	26.1	25.0	31.7	81	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
BAGHMATI CATCHMENT																												
KATMANDU	0830																											
	1130		SEE UNDER NEPAL																									
	1730																											
KOSI CATCHMENT																												
CHAUTARA	0830		..	..	..	20.7	19.6	19.1	22.2	91	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	21.9	20.0	19.1	22.3	85	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
WALUNGCHUNG GOLA	0830		..	..	..	14.2	12.2	11.0	13.1	82	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	12.8	12.2	11.8	13.8	96	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
TAPLETHOK	0830		..	..	..	22.5	20.4	19.3	22.4	83	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	22.1	20.5	19.7	22.9	86	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
BHOJPUR	0830		..	..	..	21.5	20.0	19.3	22.5	88	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	20.4	19.8	19.5	22.7	95	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
TAPLEJUNG	0830		..	..	..	20.5	19.1	18.5	21.3	89	..	6.3	..	1.6	0	0	19	07	1	0	0	0	1	2	7	12	1
	1130		..	..	..	23.3	21.0	19.9	23.4	81	..	6.2	..	4.3	0	0	29	05	3	1	0	3	6	2	9	2	0
	1730		..	..	..	21.5	19.6	18.7	21.5	84	..	7.4	..	6.5	0	2	22	01	0	0	8	7	4	2	2	7	0
OKHALDHUNGA	0830		..	..	..	20.2	19.2	18.8	21.7	92	..	6.3	..	0.5	0	0	3	00	0	0	0	0	0	2	1	28	0
	1130		..	..	..	22.6	20.6	19.7	23.1	84	..	5.9	..	0.1	0	0	2	00	0	0	0	0	0	1	1	29	0
	1730		..	..	..	19.7	19.2	18.9	21.8	95	..	7.5	..	3.7	0	0	17	01	0	1	0	0	1	11	3	14	0
CHAINPUR	0830		..	..	..	23.0	21.6	21.0	24.9	89	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	23.2	21.4	20.6	24.2	85	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
BARAHAKSHETRA	0830	146	1001.5	985.1	..	27.4	25.8	25.1	31.9	87	..	4.9	..	1.5	0	0	21	01	1	0	2	0	8	7	2	10	0
	1130	146	1000.8	984.6	..	29.5	26.5	25.3	32.2	79	..	5.5	..	4.9	0	0	27	00	0	1	0	0	12	14	0	4	0
	1730	146	998.4	982.2	..	27.9	26.4	25.7	33.1	88	..	6.5	..	1.2	0	0	18	00	0	4	0	4	4	6	0	13	0
TISTA CATCHMENT																												
GANGTOK	0830	1756	1447.3	815.1	..	19.3	18.7	18.3	21.0	94	..	6.9	..	1.7	0	0	12	05	4	0	0	0	2	0	0	0	0
	1130	1756	1440.2	814.7	..	22.0	20.3	19.5	22.7	86	..	6.9	..	4.5	0	0	15	00	0	0	2	8	11	3	1	6	0
	1730	1756	1421.5	812.9	..	21.2	19.8	19.3	22.4	88	..	7.6	..	4.0	0	0	24	01	0	2	2	15	4	0	0	7	0
GEZING	0830		..	..	..	20.6	20.1	19.8	23.0	96	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	22.6	20.8	20.0	23.4	84	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..

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भारत सरकार

GOVERNMENT OF INDIA

मौसम विज्ञान विभाग

METEOROLOGICAL DEPARTMENT

भारतीय मौसम पुनरीक्षण

INDIA WEATHER REVIEW

1968

मासिक मौसम रिपोर्ट

MONTHLY WEATHER REPORT

सितम्बर

SEPTEMBER

भारत सरकार के प्राधिकार द्वारा वेधशालाओं के महानिदेशक के निदेशाधीन प्रकाशित
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INDIA WEATHER REVIEW, 1968

Monthly Weather Report

SEPTEMBER

MONTHLY WEATHER REPORT

FOR

SEPTEMBER 1968

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MEANINGS OF SYMBOLS AND ABBREVIATIONS IN TABLES II AND III

Symbol/Abbreviation	Meaning
(a)	Mean/total for 30 days
(b)	Mean/total for 29 days
(c)	Mean/total for 28 days
(d)	Mean/total for 27 days
(e)	Mean/total for 26 days
(f)	Mean/total for 25 days
(g)	Mean/total for 24 days
(h)	Mean/total for 23 days
(i)	Mean/total for 22 days
(j)	Mean/total for 21 days
(k)	Mean/total for 20 days
(l)	Mean/total for 19 days
(m)	Mean/total for 18 days
(n)	Mean/total for 17 days
(o)	Mean/total for 16 days
(p)	Mean/total for 15 days
(q)	Mean/total for 14 days
*	Closed during winter months
(R)	Register not received, hence data not available.
#	Data for less than 15 days, hence no means published
ds	Days
●	Data rejected
D.N.	Data not available
E	Estimated
H	Provisional height.

INDIA WEATHER REVIEW,1968

Monthly Weather Report

SEPTEMBER

Published by the Authority of the Government of India

Chief features :-

i) Good monsoon activity over the Peninsula;

ii) Sub-normal rainfall over north and central India with reports of drought conditions in Rajasthan, Gujarat State and Haryana; and

iii) Formation and movement of a cyclonic storm in the north Bay during the second week and development of a depression in the west central Bay towards the end of the month.

Under the influence of an upper air trough moving from the east, an upper air cyclonic circulation developed over the west central Bay of Bengal on 3rd. This led to a revival of the monsoon activity over the north Peninsula. The upper air cyclonic circulation persisted over the west central Bay till the end of the first week. Later it shifted to the central and adjoining north Bay and a low pressure area formed there by 9th. It concentrated into a depression by the next morning with centre near Lat. 19°N and Long. 91°E. Moving in a westnorthwesterly direction, it intensified into a deep depression by the morning of 11th with centre near Lat. 20°N and Long. 89°E. It soon intensified into a cyclonic storm and taking a westsouthwesterly course crossed the Orissa coast near Gopalpur by the evening of 12th. Later it moved northwestwards and weakened into a deep depression by the next morning with centre near Titlagarh. Without any appreciable movement it further weakened into a depression by the morning of 14th and into a low pressure area by the next morning. The low pressure area persisted over east Madhya Pradesh for the next two days and later shifted to north Madhya Pradesh and adjoining Uttar Pradesh, where it persisted till 24th. In association with this system, there was good rainfall over the Peninsula, the central parts of the country, northeast India and east Uttar Pradesh. Some of the very heavy rainfalls recorded were : Bidar 13 cm on 5th, Khammam 18 cm on 7th, Hanamkonda 9 cm on 8th, Trivandrum AP 16 cm Trivandrum 14 cm and Punalur and Kailashahar 12 cm each on 9th, Gopalpur 29 cm, Chandbali 21 cm, Bhubaneshwar 16 cm, Puri 15 cm and Bhavani Patna 11 cm on 12th, Phulbani 14 cm, Kanker and Bhavani Patna 12 cm each, Jagdalpur 11 cm and Raipur 10 cm on 13th, Gondia 15 cm and Chhindwara 10 cm on 14th, Pachmarhi 26 cm Chhindwara 13 cm and Betul 9 cm on 15th, Umaria 9 cm on 16th and Raigarh 11 cm and Jashpurnagar 9 cm on 17th, Orai 19 cm on 18th, Moradabad 10 cm on 19th, Jalpaiguri 13 cm on 23rd and Muzafarpur 11 cm on 24th.

A trough of low pressure formed over the west central and adjoining south Bay of Bengal on 19th. Moving westwards across the Peninsula, it emerged into the east central Arabian Sea off the Mysore and Maharashtra coasts on 22nd and persisted there till 24th. Later it became unimportant. Under its influence, there was a spell of good thundershowers over the Peninsula. Bellary recorded 11 cm of rain on 22nd and Raichur 10 cm and Anantapur 9 cm on 23rd. The good thundershower activity over the Peninsula continued during the last week also due to the development of the following disturbances.

A low pressure area from the east moved into the Andaman Sea on 26th. Moving northwestwards it intensified into a depression by the morning of 29th with centre near Lat. 14.5°N and Long. 88.5°E. It continued to move slowly northwestwards and was centred near Lat. 15°N and Long. 88°E on 30th morning. An upper air trough developed over the southeast Arabian Sea off the Kerala coast on 25th and shifted slowly northwards. A mid tropospheric trough lying off the north Madras and south Andhra coasts on 28th moved westwards across the Peninsula on 29th to the east central Arabian Sea and the upper air trough lying off the Maharashtra coast became well marked on 30th. In association with these developments, there were some heavy thundershowers over the Peninsula. The Bay Islands also received widespread rainfall. Some of the heavy rainfalls recorded were : Cuddalore and Bangalore 8 cm each on 26th, Tiruppattur 9 cm, Port Cochin 8 cm and Chitradurga 7 cm on 28th, Hut Bay 10 cm, Long Island 9 cm and Nagapattinam and Alleppey 7 cm each on 29th and Port Blair 8 cm and Vellore, Ozar and Ujjain 7 cm each on 30th.

Moderate thundershowers occurred over northeast India and east Uttar Pradesh during the last week. The activity was more marked over Assam and Sub-Himalayan West Bengal on a few days. Majbat recorded 16 cm of rain on 27th and Berhampore 17 cm on 28th.

Except for the spells of thundershowers over the central parts of the country and the western Himalayas, mentioned earlier, the weather continued to be dry over northwest India and the central parts of the country leading to sub-normal rainfall. The rainfall over Gujarat State was also sub-normal A well marked upper air trough lying over Saurashtra and Kutch and adjoining areas caused scattered or isolated light showers during the period 6th - 8th. During the last week also a spell of light thundershowers occurred there. According to press reports, the continued dry spell led to serious drought and famine conditions in west Rajasthan. Hundreds of villages were affected. Scarcity of fodder led to migration of thousands of heads of cattle from the state. Drought conditions affecting seriously the Khariff crops were also reported from north Gujarat State and Haryana.

The total rainfall for the month was in large excess in south Interior Mysore and Kerala; in moderate excess in Telangana, Madras State, North Interior Mysore and Arabian Sea Islands; in slight excess in Madhya Maharashtra and Rayalaseema. It was normal in the Bay Islands, Assam, Sub-Himalayan West Bengal, Orissa, Marathwada and Vidarbha. It was in slight defect in East Madhya Pradesh, Coastal Andhra Pradesh and coastal Mysore; in moderate defect in East Uttar Pradesh, West Rajasthan and West Madhya Pradesh and in large defect over the rest of the country. There was no rainfall in Punjab throughout the month.

The mean maximum temperature was below normal in south Assam. It was normal in the Bay Islands, North Assam, Sub-Himalayan West Bengal, Konkan, Madhya Maharashtra, Marathwada, Coastal Andhra Pradesh, Telangana, Rayalaseema, Madras State, Mysore, Kerala and Arabian Sea Islands and it was above normal over the rest of the country.

The mean minimum temperature was below normal in Arabian Sea Islands. It was normal over the rest of the country.

The mean Relative Humidity in the morning was below normal in Bihar Plateau, west Uttar Pradesh, Haryana, Punjab, Jammu and Kashmir, Rajasthan, west Madhya Pradesh and Gujarat. It was normal over the rest of the country.

The mean Relative Humidity in the evening was below normal in Bihar Plateau, Uttar Pradesh, Haryana, Punjab, Himachal Pradesh, Rajasthan, Madhya Pradesh, Gujarat and Saurashtra - Kutch. It was normal over the rest of the country.

The mean cloud amount in the morning was above normal in Kerala; below normal in Gangetic West Bengal, Bihar Plateau, Uttar Pradesh, Haryana, Punjab, Himachal Pradesh, Jammu and Kashmir, Rajasthan, Madhya Pradesh, Gujarat and Saurashtra - Kutch. It was normal over the rest of the country.

The mean cloud amount in the evening was below normal in Uttar Pradesh, Haryana, Punjab, Himachal Pradesh, Jammu and Kashmir, Rajasthan, Gujarat and Saurashtra - Kutch. It was normal over the rest of the country.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 17 chief political divisions and the 33 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. IST of the date noted in the succeeding column; similarly the heaviest rainfall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. IST of the date given in the succeeding column.

Pune - 5;

29th October 1968.

Y.P. RAO,

for Director General of Observatories

SG/

TABLE I - DIVISIONAL AND SUB-DIVISIONAL MEANS - SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

DIVISION	Rainfall (millimetres)	Percentage of normal	Mean maximum temperature °C	Mean minimum temperature °C	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud Amount (Oktas) 0830 hrs. IST.	Cloud Amount (Oktas) 1730 hrs. IST.
1	2	3	4	5	6	7	8	9
1.ASSAM(INCLUDING	261.4	92	30.8	23.7	87	84	6.2	5.5
NEFA,N.L.ETC)	- 23.7		-0.8	-0.2	+ 3	+ 2	+0.4	+0.3
2.WEST BENGAL	183.1	60	33.0	25.5	80	78	4.5	5.8
	-122.1		+1.2	+0.1	- 3	- 3	-1.2	0.0
3.ORISSA	243.4	91	32.5	24.5	82	79	4.9	5.8
	- 24.4		+1.5	-0.5	- 1	- 2	-1.0	-0.6
4.BIHAR	78.5	34	33.5	24.5	78	71	3.9	5.0
	-151.6		+1.8	-0.5	- 4	- 7	-1.4	-0.8
5.UTTAR PRADESH	96.4	50	34.3	24.0	75	62	2.6	2.8
	- 94.5		+1.9	-0.3	- 6	-10	-1.3	-1.3
6.HARYANA(INCLU.	2.7	2	36.3	23.5	67	42	0.7	1.0
DELHI CHANDIGARH)	-142.0		+2.1	-0.1	- 8	-16	-1.9	-1.6
7.PUNJAB	0.0	0	37.1	22.8	63	42	0.6	0.6
	-120.3		+2.6	-0.7	-12	-16	-1.8	-1.9
8.HIMACHAL	48.9	25	33.5	20.7	83	55	1.7	2.5
PRADESH	-149.8		+2.8	+0.2	- 4	-15	-2.8	-1.8
9.JAMMU AND	3.9	6	27.5	10.9	59	36	0.9	2.0
KASHMIR	- 56.7		+2.3	-1.0	-10	- 4	-1.7	-0.9
10.RAJASTHAN	20.2	21	37.3	24.1	61	39	1.2	2.5
	- 74.9		+3.7	+0.2	-15	-18	-1.8	-1.1
11.MADHYA PRADESH	139.4	67	33.1	22.9	77	62	3.9	5.1
	- 69.0		+2.6	+0.2	- 6	-10	-1.3	-0.5
12.GUJARAT STATE	22.1	17	33.7	24.4	77	58	3.0	3.4
(INCLU.DIU ETC)	-109.3		+1.9	+0.3	- 7	- 9	-1.6	-1.1
13.MAHARASHTRA	170.5	78	31.2	22.8	84	70	5.2	5.9
STATE(INCL.GOA)	- 48.3		+1.1	+0.2	0	- 1	-0.2	0.0
14.ANDHRA PRADESH	176.3	109	32.6	24.1	80	69	5.7	6.1
	+ 14.4		+0.7	-0.2	+ 1	+ 1	0.0	-0.1
15.MADRAS STATE	117.7	129	33.7	24.3	75	66	5.7	6.3
(INCL.PONDICH.)	+ 26.3		+0.2	-0.3	+ 4	+ 4	+0.9	+1.0
16.MYSORE	237.5	132	28.8	20.9	87	70	6.7	6.7
	+ 57.2		+0.1	0.0	+ 2	0	+0.7	+0.4
17.KERALA	307.2	152	29.4	23.1	89	82	6.7	6.8
	+104.7		-0.3	-0.4	+ 3	+ 4	+1.1	+0.7

SUB-DIVISION	Rainfall (millimetres)	Percentage of normal	Mean maximum temperature °C	Mean minimum temperature °C	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud Amount (Oktas) 0830 hrs. IST.	Cloud Amount (Oktas) 1730 hrs. IST.
SUB-DIVISION								
1.BAY ISLANDS	440.7	110	29.6	23.4	84	88	6.2	6.6
	+ 40.5		+0.4	-0.6	0	0	0.0	+0.3
2.NORTH ASSAM	254.4	92	31.4	24.0	87	85	6.1	5.3
(INCLUDING NEFA)	- 21.3		-0.6	-0.3	+ 3	+ 3	+0.5	+0.4
3.SOUTH ASSAM	278.4	90	29.5	23.0	86	83	6.4	6.0
(INCL.N.LAND ETC)	- 29.6		-1.2	-0.1	+ 1	0	+0.4	+0.2
4.SUB-HIMALAYAN	453.3	97	31.4	24.1	86	83	5.9	5.7
WEST BENGAL	- 15.1		-0.1	-0.7	+ 3	+ 2	+0.2	+0.4
5.GANGETIC WEST-	93.1	37	33.5	26.0	78	77	4.0	5.8
BENGAL	-157.7		+1.6	+0.4	- 5	- 5	-1.7	-0.2
6.ORISSA	243.4	91	32.5	24.5	82	79	4.9	5.8
	- 24.4		+1.5	-0.5	- 1	- 2	-1.0	-0.6
7.BIHAR PLATEAU	68.3	30	33.3	23.8	76	67	3.3	5.5
	-158.2		+2.4	-0.3	- 6	-13	-2.3	-0.9
8.BIHAR PLAINS	84.8	37	33.7	25.0	79	74	4.4	4.7
	-147.5		+1.4	-0.6	- 3	- 3	-0.7	-0.7
9.UTTAR PRADESH	107.5	54	34.5	25.0	77	66	3.0	3.2
(EAST)	- 92.1		+1.8	-0.1	- 5	- 8	-1.2	-1.1
10.UTTAR PRADESH	79.9	45	34.1	22.5	71	56	1.8	2.3
(WEST)	- 98.0		+2.2	-0.6	- 8	-11	-1.7	-1.5
11.HARYANA(INCLU.	2.7	2	36.3	23.5	67	42	0.7	1.0
DELHI CHANDIGARH)	-142.0		+2.1	-0.1	- 8	-16	-1.9	-1.6
12.PUNJAB	0.0	0	37.1	22.8	63	42	0.6	0.6
	-120.3		+2.6	-0.7	-12	-16	-1.8	-1.9
13.HIMACHAL	48.9	25	33.5	20.7	83	55	1.7	2.5
PRADESH	-149.8		+2.8	+0.2	- 4	-15	-2.8	-1.8
14.JAMMU AND KASH-	3.9	6	27.5	10.9	59	36	0.9	2.0
-MIR	- 56.7		+2.3	-1.0	-10	- 4	-1.7	-0.9
15.RAJASTHAN(WEST)	33.8	61	38.6	24.7	61	39	0.8	2.0
	- 21.5		+3.8	+0.4	-13	-12	-1.7	-1.1
16.RAJASTHAN(EAST)	8.1	6	36.5	23.7	61	40	1.5	2.9
	-122.9		+3.7	+0.2	-16	-23	-1.9	-1.1
17.MADHYA PRADESH	106.5	56	33.4	22.3	75	58	3.7	4.8
(WEST)	- 83.0		+2.9	0.0	- 8	-11	-1.4	-0.6
SUB-DIVISION(CONTD)								
18.MADHYA PRADESH	183.2	78	32.6	23.6	78	67	4.0	5.5
(EAST)	- 50.3		+2.0	+0.4	- 5	- 8	-1.3	-0.4
19.GUJARAT REGION	21.1	13	35.0	24.5	74	50	2.7	3.0
(INCL.DAMAN ETC)	-144.3		+2.7	+0.8	-10	-15	-2.1	-1.4
20.SAURASHTRAKUTCH	22.8	21	32.8	24.3	79	63	3.2	3.7
(INCLUDING DIU)	- 85.1		+1.3	-0.1	- 5	- 6	-1.2	-0.9
21.KONKAN	144.8	45	30.0	24.0	88	80	6.0	6.0
(INCLUDING GOA)	-175.7		+0.8	-0.1	+ 1	- 1	+0.3	+0.4
22.MADHYA-	161.7	114	31.2	21.9	84	66	5.0	5.8
-MAHARASHTRA	+ 19.7		+0.9	+0.6	+ 1	+ 1	-0.1	0.0
23.MARATHWADA	166.1	96	30.9	20.9	81	67	4.9	6.3
	- 7.5		+0.7	-0.2	- 1	+ 3	-0.4	+0.2
24.VIDARBHA	206.3	99	32.4	23.0	80	67	4.5	5.9
	- 2.8		+1.7	-0.1	- 3	- 4	-1.0	-0.2
25.COASTAL ANDHRA	129.3	86	33.3	25.3	79	72	5.4	5.7
-PRADESH	- 21.3		+0.8	-0.2	0	0	-0.3	-0.4
26.TELANGANA	241.5	128	31.8	23.2	83	71	5.7	6.3
	+ 52.1		+0.6	-0.2	+ 2	+ 2	+0.1	+0.1
27.RAYALASEEMA	167.7	121	32.5	23.0	78	59	6.3	6.8
	+ 28.6		+0.6	-0.2	+ 5	+ 3	+0.5	+0.5
28.MADRAS STATE	117.7	129	33.7	24.3	75	66	5.7	6.3
(INCL.PONDICH.)	+ 26.3		+0.2	-0.3	+ 4	+ 4	+0.9	+1.0
29.COASTAL MYSORE	292.9	89	29.1	22.9	90	79	6.8	6.5
	- 36.1		+0.5	-0.4	- 1	- 5	+0.5	+0.2
30.INTERIOR MYSORE	197.8	131	29.5	21.2	86	71	6.8	7.0
(NORTH)	+ 47.1		+0.1	+0.4	+ 3	+ 4	+1.1	+0.7
31.INTERIOR MYSORE	244.5	185	27.9	19.4	86	64	6.4	6.4
(SOUTH)	+112.6		-0.2	-0.2	+ 2	+ 1	+0.2	+0.1
32.KERALA	307.2	152	29.4	23.1	89	82	6.7	6.8
	+104.7		-0.3	-0.4	+ 3	+ 4	+1.1	+0.7
33.ARABIAN SEA-	217.9	142	29.4	24.1	83	77	6.4	6.5
ISLANDS	+ 64.0		-0.3	-1.2	+ 2	- 2	+1.0	+0.7

Note :- The entries in the second line for each division and sub-division indicate departures from normal.

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena - No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
BAY ISLANDS																												
MAYA BANDAR	29.5	+0.8	30.5	23	23.5	-0.5	22.0	29	252.7	573.5	+158.3	80.4	15	24	+ 4.7	13.6	11.4	+1.5	0	27	0	*	7	0	0	0	0	0
LONG ISLAND	30.1	+0.3	32.4	01	23.5	-0.6	22.0	16	289.6	647.3	+186.7	129.8	14	24	+ 4.0	7.5	5.5	+3.1	0	26	0	0	2	0	0	0	0	0
PORT BLAIR	29.1	+0.4	30.6	27	23.4	-0.2	22.1	19	206.6	493.9	+ 44.3	79.8	30	19	- 0.6	21.8	17.5	+1.6	0	27	0	0	4	3	0	0	4	0
CAR NICOBAR	30.4	+0.5	31.8	09	23.3	-0.5	20.7	26	120.4	253.9	-121.5	69.8	16	13	- 3.4	8.9	6.3	+1.7	0	18	0	0	0	0	0	0	0	0
NAN COWRY	29.7	+0.5	31.6	24	24.0	-0.4	22.1	28	96.4	319.2	- 10.7	64.7	19	15	- 2.7	12.4	10.9	+1.0	0	19	0	0	2	0	0	0	0	0
KONDUL	28.6	-0.1	29.6	30	22.4	-1.9	21.2	16	127.9	356.5	- 14.0	125.8	16	17	- 1.2	11.3	9.2	+2.1	0	18	0	0	0	0	0	0	0	0
NORTH ASSAM (INCLUDING NEFA)																												
PASIGHAT	29.8	-1.5	35.0	15	23.4	+0.3	21.3	29	132.7	339.2	-175.7	88.4	18	15	+ 3.6	4.5	4.3	-0.5	1	20	0	0	5	0	0	0	0	0
DIBRUGARH (MOHANBARI)	30.1	-1.0	33.8	13	..	..	..	..	95.1	442.4	+113.6	91.1	15	21	+ 7.8	5.4	3.8	+0.8	1	23	0	0	14	1	0	0	0	0
DIGBOI	30.2	-1.9	34.7	15	24.0	+0.3	21.8	29	113.0	229.5	- 44.0	64.0	24	11	- 0.9	..	..	..	0	20	0	0	0	0	0	0	0	0
NORTH LAKHIMPUR	30.7	-0.8	34.6	14	23.1	-0.8	21.6	10	74.1	462.1	- 1.2	60.5	23	20	+ 7.0	6.7	4.3	..	1	21	0	0	8	0	0	0	0	0
SIBSAGAR	..	..	..	..	..	..	..	..	44.6	167.1	-144.6	31.7	17	13	- 2.2	..	..	..	0	21	0	0	0	0	0	0	0	0
GOHPUR	31.2	-1.1	35.0	14	24.1	+0.3	22.4	29	49.8	284.6	+121.3	50.4	05	16	+ 9.8	4.4	2.9	..	0	17	0	0	0	0	0	0	0	0
MAJBAT	31.7	..	35.1	14	24.1	..	22.4	16	185.2	397.5	+176.4	104.4	27	13	+ 3.8	4.0	3.0	-0.1	0	13	0	0	0	0	0	0	0	0
JORHAT AERODROME	31.8	..	34.8	15	24.6	..	23.3	27	78.1	276.9	..	73.5	29	14	..	..	..	..	0	20	0	0	20	1	0	0	0	0
TANGLA	32.0	-0.7	35.4	12	24.9	+0.5	23.3	24	103.3	162.7	- 32.8	32.9	16	11	+ 3.6	5.0	2.7	+1.0	0	13	0	0	0	0	0	0	0	0
TEZPUR	32.1	+0.4	34.5	05	24.1	-0.6	23.3	06	39.0	136.9	- 84.1	32.5	23	9	- 3.4	4.1	3.1	+0.8	0	11	0	0	0	0	0	0	0	0
GOLAGHAT	32.0	-0.2	34.1	11	24.1	-0.4	22.9	04	61.4	149.0	- 40.7	35.0	14	13	+ 3.4	..	..	..	0	17	0	0	0	0	0	0	0	0
RANGIA	32.6	0.0	35.4	02	25.0	+0.7	23.6	14	14.0	104.2	- 55.4	58.0	14	9	+ 2.7	..	..	..	0	11	0	0	2	0	0	0	0	0
CHAPARMUKH	32.6	-0.7	35.0	13	24.2	-1.1	21.9	24	23.6	90.2	-143.1	21.5	25	9	- 1.5	3.3	3.8	..	0	9	0	0	5	0	0	0	0	0
GOALPARA	31.9	-0.9	35.1	04	22.7	-1.9	19.4	23	108.6	182.0	-125.2	25.6	22	12	+ 3.3	4.4	2.7	+0.5	0	14	0	0	0	0	0	0	0	0
GAUHATI (BHORJOR)	31.6	-0.1	34.2	02	24.5	-0.2	22.6	29	47.7	89.2	-101.3	25.4	12	10	+ 1.2	5.9	3.7	..	1	16	0	0	9	0	0	0	0	0
DHUBRI (RUPSI)	30.8	-1.0	34.5	03	24.0	-0.7	21.2	23	241.4	521.5	+161.2	121.9	23	14	+ 3.5	6.4	5.0	+1.1	1	17	0	0	15	0	0	0	0	0
DHUBRI	30.7	0.0	34.6	08	24.5	-0.2	21.5	27	224.4	389.2	+ 26.0	94.8	27	12	- 0.7	6.5	5.0	-0.3	0	17	0	0	6	0	0	0	0	0
LUMDING	33.0	+0.7	35.0	22	23.4	-0.7	21.9	24	97.3	177.0	- 13.0	45.1	23	10	- 1.1	3.8	2.5	..	0	12	0	0	0	0	0	0	0	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																												
TURA	27.2	-2.3	30.5	03	23.8	+1.1	22.1	28	266.1	374.5	- 79.0	82.3	11	13	- 3.1	5.5	5.0	-0.1	0	16	0	0	0	0	0	0	0	0
HAFLONG	25.9	-2.7	27.5	12	20.6	-0.7	19.3	28	33.6	76.9	-160.2	26.4	16	10	- 2.2	..	..	..	0	14	0	0	9	0	0	0	0	0
SILCHAR (KUMBHIRGRAM)	31.3	-1.1	35.4	11	23.8	-0.1	22.5	26	97.3	440.6	+ 89.8	83.2	06	19	+ 5.2	5.4	5.0	-0.3	0	21	0	0	9	2	0	0	0	0
SILCHAR	29.2	-2.6	33.5	11	24.9	+0.2	23.2	16	156.4	436.1	+ 33.0	82.8	06	19	+ 1.9	1.7	0.9	-0.7	0	21	0	0	4	0	0	0	0	0
IMPHAL (TULIHAL)	28.9	+0.1	30.8	02	19.2	-1.3	16.6	19	98.7	115.9	- 19.8	30.0	15	7	- 3.5	7.7	4.7	+0.3	2	10	0	0	4	2	0	0	0	0
KAILASHAHAR	31.7	-0.5	34.1	02	24.3	-0.1	22.8	17	139.4	342.0	+ 49.0	120.0	09	16	+ 3.0	5.4	4.2	+1.3	2	22	0	0	20	1	0	0	0	0
AGARTALA	32.3	+0.6	34.6	12	24.7	+0.2	23.0	28	37.4	162.8	-120.2	59.3	12	6	- 7.7	7.1	5.3	-1.0	2	9	0	1	19	2	0	0	0	0
SUB-HIMALAYAN WEST BENGAL																												
BAGHDOGRA	31.3	-0.4	35.0	12	23.5	-0.4	21.2	19	49.5	590.2	+156.5	116.8	25	16	+ 1.8	10.1	9.7	+4.6	0	24	0	0	20	0	0	0	0	0
JALPAIGURI	30.3	-0.4	34.3	08	23.4	-1.0	21.6	23	107.4	595.2	+ 34.6	130.2	23	19	+ 1.8	5.4	5.1	0.0	1	21	0	0	10	0	0	0	0	0
COOCH BEHAR AERODROME	30.5	-1.5	34.6	12	23.5	-1.6	20.9	27	186.9	500.5	- 91.3	83.0	27	22	+ 5.9	4.6	2.8	-0.9	1	24	0	0	24	0	0	0	0	0
BALURGHAT	33.5	..	35.6	09	25.0	..	22.8	26	113.5	308.0	..	75.0	28	9	..	5.2	3.8	..	0	10	0	0	2	0	0	0	0	0
MALDA	33.5	+1.8	35.9	09	26.0	+0.2	23.7	12	118.5	127.2	-160.1	45.5	25	10	- 1.4	3.0	2.3	-4.2	1	12	0	0	14	0	0	0	0	0
GANGETIC WEST BENGAL																												
BERHAMPORE	34.4	+1.6	37.1	08	26.2	+0.4	23.6	17	143.8	167.6	- 61.0	67.4	29	13	+ 1.4	4.8	3.1	-0.6	0	14	0	0	1	0	0	0	0	0
SURI	33.1	+1.4	36.6	03	25.6	+0.4	24.3	28	..	36.1	-284.6	9.0	22	5	- 7.0	.	5.8	-1.3	0	11	0	0	0	0	0	0	0	0
ASANSOL	34.8	+2.9	37.6	08	25.1	-0.2	23.8	01	34.8	62.2	-151.2	12.4	28	8	- 3.0	7.5	5.1	-1.1	0	10	0	0	11	0	0	0	0	0
SHANTI NIKETAN	33.5	..	36.4	03	26.0	..	24.5	29	56.4	61.4	..	28.7	12	2	..	5.0	5.0	..	2	7	0	0	14	0	0	0	0	0
KRISHNANAGAR	34.5	+1.6	37.3	01	25.5	0.0	22.5	26	40.2	86.3	-110.3	37.6	26	4	- 7.2	7.8	5.8	+1.4	1	9	0	0	9	0	0	0	0	0
PURULIA	33.8	+2.4	35.9	05	24.7	+0.4	22.7	13	39.8	52.4	-216.8	30.0	30	4	- 9.0	7.1	5.1	+0.4	2	6	0	0	7	0	0	0	0	0
BANKURA	35.0	..	38.2	04	25.6	..	24.1	16	60.9	78.1	-118.8	16.5	15	8	- 2.7	2.1	1.8	..	1	10	0	0	0	0	0	0	0	0
BURDWAN	35.2	+3.0	38.0	23	26.7	+1.0	25.0	11	5.0	15.0	-201.9	10.0	17	2	- 9.1	12.3	8.8	+3.6	0	2	0	0	0	0	0	0	0	0
CALCUTTA (DUM DUM)	33.0	+1.0	35.8	04	26.5	+0.6	24.5	16	52.0	82.7	-203.7	22.9	10	7	- 6.4	10.2	7.7	-0.7	0	15	0	0	14	0	0	0	0	0
CALCUTTA	33.5	+1.2	36.8	07	26.0	-0.1	23.4	16	58.6	111.4	-141.3	30.8	16	8	- 5.4	8.6	6.4	+2.1	0	10	0	0	13	0	0	0	0	0
MIDNAPORE	33.0	+0.9	36.5	03	25.7	+0.1	23.5	13	18.4	45.2	-181.6	11.4	16	6	- 6.2	6.6	4.7	+0.7	0	8	0	0	0	0	0	0	0	0
CONTAI	32.4	+1.3	35.6	08	26.3	+0.4	23.6	16	7.0	182.0	-162.8	82.0	16	9	- 5.1	11.8	9.1	+1.5	0	10	0	0	0	0	0	0	0	0
SAGAR ISLAND	31.2	+0.7	34.0	06	27.2	+0.6	24.2	17	96.2	197.6	- 58.4	58.8	16	8	- 5.0	18.5	18.8	+2.2	4	11	0	0	3	0	0	0	0	0
SANDHEADS	31.4	..	34.0	29	27.3	..	22.6	12	79.4	106.9	- 29.5	35.8	17	7	- 1.5	..	..	..	0	10	0	0	0	0	0	0	0	0
ORISSA																												
BARIPADA	33.8	+1.6	37.4	04	24.4	-0.5	22.8	30	81.1	178.7	-227.3	45.7	14	9	- 8.0	3.0	1.6	-0.1	0	14	0	0	17	0	0	0	0	0
JHAR SUGUDA	33.7	+2.4	37.0	11	25.0	+0.6	23.2	12	27.0	120.1	-135.6	34.7	17	8	- 5.1	8.2	6.2	-1.0	1	9	0	0	10	0	0	0	0	0
KEONJHARGARH	32.6	+2.9	35.4	17	21.8	-1.2	19.7	07	87.6	162.0	-141.2	48.5	12	9	- 4.2	5.7	4.4	-1.0	0	10	0	0	0	0	0	0	0	0
BALASORE	32.6	+1.3	36.1	06	25.4	-0.4	23.6	14	63.0	224.2	- 43.5	84.4	12	7	- 6.0	9.8	8.0	+1.8	0	8	0	0	6	0	0	0	0	0
SAMBALPUR	33.6	+2.1	36.6	05	25.2	+0.4	23.4	30	24.2	51.2	-175.9	14.0	16	6	- 5.4	11.8	9.5	+4.0	0	6	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena - No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
ORISSA (CONTD.)																												
ANGUL	32.7	+1.1	36.2	05	24.2	-0.7	22.4	16	84.0	208.0	+ 13.2	57.6	16	9	- 2.6	..	..	..	0	12	0	0	3	0	0	0	0	0
CHANDBALI	32.9	+1.4	37.7	10	25.4	-0.3	23.4	12	262.0	384.4	+120.2	212.6	12	9	- 3.7	11.4	9.4	+1.2	0	9	0	0	0	0	0	0	0	0
BOLANGIR	33.5	+2.0	35.6	27	24.0	-0.4	22.0	23	42.4	161.4	-164.7	62.0	12	9	- 3.6	5.4	6.6	+0.1	0	10	0	0	8	0	0	0	0	0
PHULBANI	31.2	..	34.0	05	22.2	..	20.7	24	76.2	285.6	..	154.4	12	10	..	3.8	2.2	..	0	17	0	0	6	0	0	0	0	0
CUTTACK	33.5	+1.3	37.1	07	24.9	-0.6	23.5	16	130.1	314.1	+ 77.6	127.4	12	10	- 3.0	5.7	4.7	-0.1	0	16	0	0	3	0	0	0	0	0
TITLAGARH	32.9	+1.8	36.1	05	24.7	+0.5	22.8	12	46.1	148.3	-156.9	79.5	12	6	- 7.4	4.5	5.3	+2.6	0	12	0	0	2	0	0	0	0	0
BHUBANESWAR	32.5	+1.1	35.8	07	24.6	-0.5	23.3	04	125.1	333.7	+ 28.7	158.8	12	12	- 1.4	15.2	11.6	+0.7	1	15	0	0	13	0	0	0	1	0
PURI	32.5	+1.1	35.8	08	24.0	-2.6	22.1	12	112.4	268.9	+ 41.1	154.8	12	10	- 2.4	..	..	..	0	11	0	0	0	0	0	0	0	0
GOPALPUR	31.9	+0.3	33.9	07	24.9	-0.9	22.0	12	45.2	419.4	+224.1	295.4	12	12	+ 2.8	13.0	10.6	-1.4	0	15	0	0	7	0	0	0	0	0
KORAPUT	26.7	+0.4	29.9	26	..	..	..	..	246.4	433.3	+199.0	94.0	13	16	+ 2.1	..	..	..	0	21	0	0	0	0	0	0	0	0
BIHAR PLATEAU																												
DUMKA	34.4	+2.5	37.5	05	24.4	-0.3	22.6	27	63.9	86.8	-153.7	34.0	26	7	- 5.0	5.1	3.8	-0.6	0	11	0	0	0	0	0	0	0	0
DALTONGANJ	34.9	+4.0	36.6	28	23.7	-0.7	22.0	01	18.8	52.6	-144.3	24.0	17	4	- 5.9	7.7	5.7	+1.1	0	4	0	0	0	0	0	0	0	0
HAZARIBAGH	31.0	+1.5	32.4	28	22.1	-0.3	21.0	30	10.0	47.2	-172.5	14.2	17	6	- 5.6	11.0	8.2	+0.3	0	9	0	0	10	0	0	0	0	0
DHANBAD	33.9	+2.7	36.5	03	24.6	+0.3	23.5	19	62.6	113.9	-112.0	31.7	15	7	- 4.0	6.5	5.3	-2.3	0	11	0	0	1	0	0	0	0	0
RANCHI AERODROME	30.4	+1.9	32.7	03	21.8	-0.5	20.2	13	31.6	58.4	-205.4	14.9	13	8	- 5.9	13.1	9.6	-0.5	0	11	0	0	9	0	0	0	0	0
JAMSHEDPUR	34.3	+2.2	36.7	03	25.5	+0.1	24.3	19	41.3	66.5	-132.0	16.2	13	7	- 4.1	9.2	6.6	+0.8	0	10	0	0	2	0	0	0	0	0
JAMSHEDPUR P.B.O.	33.8	+2.3	36.0	03	25.2	+0.3	24.0	19	30.4	43.1	-226.7	14.6	13	5	- 6.1	8.2	5.3	-0.5	0	8	0	0	9	0	0	0	0	0
CHAIBASA	33.7	+2.0	35.9	03	23.3	-1.4	21.3	12	49.4	78.2	-118.7	15.2	13	7	- 4.7	1.5	3.2	+0.7	1	10	0	0	8	0	0	0	0	0
BIHAR PLAINS																												
MOTIHARI	33.7	+1.7	35.9	12	24.6	-0.6	23.2	12	45.3	118.3	-124.0	54.6	21	7	- 3.1	.	3.9	+0.3	0	10	0	0	0	0	0	0	0	0
FORBESGANJ	32.8	-0.2	36.2	09	24.9	+0.4	23.2	12	31.0	130.0	-139.4	34.2	14	10	0.0	8.0	6.5	+0.1	0	14	0	0	11	0	0	0	0	0
DARBHANGA	33.9	+1.7	36.5	08	25.1	-0.7	22.9	12	35.0	64.3	-178.0	15.9	18	7	- 2.8	..	..	..	0	7	0	0	0	0	0	0	0	0
MUZAFFARPUR	33.3	..	35.4	10	25.8	..	23.9	24	75.9	199.9	- 23.4	111.4	24	7	- 2.6	6.1	4.5	..	0	9	0	0	4	0	0	0	0	0
CHAPRA	34.7	..	37.4	09	26.0	..	24.0	22	33.2	57.2	-163.7	40.2	22	4	- 4.9	6.8	4.5	..	0	7	0	0	0	0	0	0	0	0
PURNEA	32.8	+0.6	35.5	09	23.4	-1.9	20.8	18	44.8	69.9	-198.3	33.8	17	4	- 7.9	3.8	2.7	-1.3	2	7	0	0	0	0	0	0	0	0
PATNA	34.3	+2.0	37.0	10	26.6	+0.3	24.5	22	71.0	118.4	-119.3	37.2	22	7	- 2.7	6.7	6.5	-0.2	0	9	0	0	1	0	0	0	0	0
PATNA AERODROME	33.6	+1.6	37.5	20	24.9	-0.9	22.8	22	36.6	82.9	-161.3	29.0	22	6	- 4.8	9.8	5.1	-1.0	0	8	0	0	13	0	0	0	0	0
ARRAH	..	..	..	..	..	..	..	..	..	3.8	-246.8	..	..	..	..	..	..	..	.	..	0	0	0	0	0	0	0	0
BHAGALPUR	33.9	+1.4	36.5	08	26.2	+0.3	24.8	25	51.5	64.0	-181.6	25.4	18	5	- 5.9	6.1	5.5	-0.5	0	7	0	0	13	0	0	0	0	0
SABAUR	33.6	+1.5	36.2	09	24.0	-1.8	22.7	25	31.9	49.8	-166.6	19.2	25	3	- 7.3	8.1	5.7	-1.4	1	11	0	0	16	0	0	0	0	0
JAMUI	33.6	+1.7	35.4	10	25.2	-0.3	23.8	01	29.0	66.8	-130.6	30.0	13	5	- 5.8	6.0	3.8	-1.0	0	7	0	0	0	0	0	0	0	0
DEHRI	34.3	+2.3	36.0	29	24.5	-1.0	23.0	17	28.7	40.1	-174.8	14.4	18	4	- 5.1	5.3	3.9	-0.9	0	5	0	0	0	0	0	0	0	0
GAYA	34.5	+1.9	36.2	11	25.3	-0.3	23.8	01	26.1	40.2	-157.2	24.6	16	4	- 6.3	8.9	6.3	-2.5	2	6	0	0	11	0	0	0	0	0
UTTAR PRADESH EAST																												
KHERI	33.9	+1.2	36.5	11	24.7	-0.2	21.3	30	87.8	302.9	+148.4	206.0	19	6	- 1.3	5.0	3.2	+0.5	0	7	0	0	3	0	1	0	0	0
BAHRAICH	33.8	+1.1	36.8	13	25.0	-0.1	23.5	05	47.2	112.0	-114.8	52.4	18	6	- 2.0	7.8	5.0	-0.4	0	8	0	0	5	0	0	0	0	0
NAUTANWA	33.5	+1.0	35.6	04	24.1	-1.3	21.6	13	9.6	184.4	- 41.6	58.4	15	7	- 1.5	5.3	3.6	-1.7	0	14	0	0	0	0	0	0	0	0
HARDOI	34.3	+1.2	37.6	10	24.8	-0.3	22.9	18	45.2	190.0	+ 4.4	92.4	19	3	- 3.6	5.3	5.0	-0.7	0	3	0	0	0	0	0	0	0	0
GONDA	33.7	+1.2	36.6	11	24.5	-0.4	23.1	06	35.2	50.2	-194.4	26.4	17	4	- 6.3	6.6	5.1	+0.5	0	4	0	0	0	0	0	0	0	0
LUCKNOW	34.2	+1.2	37.0	12	24.6	-0.5	22.5	13	103.2	158.8	- 54.3	41.0	19	8	- 0.6	..	..	..	0	8	0	0	2	0	0	0	0	0
LUCKNOW (AMAUSI)	34.6	+1.7	37.7	11	24.7	-0.2	22.4	06	83.4	169.4	+ 23.1	48.2	14	6	- 1.3	10.9	6.6	-0.5	0	7	0	0	7	0	0	0	0	0
FAIZABAD	34.8	+2.4	37.6	11	25.0	+0.7	23.0	05	27.6	29.4	-148.2	10.0	18	4	- 5.6	5.0	2.9	-0.6	0	5	0	0	0	0	0	0	0	0
GORAKHPUR	34.6	+2.0	37.5	09	24.8	-0.8	21.1	11	30.1	78.8	-152.6	25.2	18	6	- 4.0	6.6	4.6	+1.3	1	7	0	0	0	0	0	0	0	0
KANPUR	34.6	+1.9	37.5	10	24.7	-0.2	23.5	01	75.2	110.0	- 69.1	34.8	19	6	- 1.6	12.8	8.3	-0.7	0	7	0	0	1	0	0	0	0	0
KANPUR (AERODROME)	35.2	..	38.0	09	24.8	..	22.9	05	41.1	77.0	..	31.7	14	4	..	..	..	..	0	8	0	0	1	0	0	0	0	0
SULTANPUR	34.5	+2.0	37.3	27	25.5	+0.4	24.5	05	49.8	57.5	-151.7	20.2	14	3	- 4.0	1.2	1.9	-2.9	0	4	0	0	4	0	0	0	0	0
AZAMGARH	35.1	+3.2	37.9	10	24.1	-1.2	22.1	30	39.8	47.2	-196.4	22.8	16	3	- 6.6	5.5	3.2	..	0	7	0	0	0	0	0	0	0	0
FATEHPUR	34.4	+1.7	37.4	11	24.7	-0.3	23.7	01	73.6	122.4	- 32.5	56.8	19	4	- 4.0	9.4	5.1	+1.1	0	6	0	0	0	0	0	0	0	0
BALLIA	32.3	-1.0	36.5	09	27.8	+2.7	24.1	13	47.0	60.4	-100.9	30.8	25	4	- 3.8	4.7	3.9	-1.2	0	5	0	0	0	0	0	0	0	0
BANDA	36.0	+2.9	39.0	10	25.5	+0.7	24.2	01	44.2	67.8	- 84.2	32.8	18	4	- 5.0	2.4	1.4	-0.6	0	7	0	0	0	0	0	0	0	0
ALLAHABAD (BAMHRAULI)	36.5	+3.7	39.6	11	25.3	+0.1	24.2	01	25.3	47.9	-169.5	19.7	14	4	- 4.5	7.9	4.3	-2.3	0	5	0	0	6	0	0	0	0	0
VARANASI (BABATPUR)	35.3	+2.9	37.9	11	25.0	-0.4	23.1	22	15.3	82.5	-178.5	43.4	22	4	- 6.0	13.5	9.8	+1.0	0	5	0	0	6	1	0	0	0	0
VARANASI	34.9	+2.2	37.5	11	25.8	+0.4	23.8	22	4.3	62.6	-145.4	23.0	22	4	- 5.1	5.5	5.2	-1.2	0	5	0	0	0	0	0	0	0	0
UTTAR PRADESH WEST																												
MUKHIM	25.0	+1.8	26.3	13	16.0	+0.3	14.3	18	27.4	51.8	-190.0	13.2	18	6	- 6.7	..	..	..	1	8	0	0	10	4	0	0	0	0
TEHRI	34.3	+2.0	37.1	13	21.2	-0.5	17.1	30	20.8	48.5	- 96.7	20.5	18	3	- 4.8	4.6	2.8	..	0	3	0	0	3	0	0	0	0	0
DEHRA DUN	31.1	+1.5	33.6	10	21.0	-0.3	18.8	28	114.8	313.2	+ 8.7	109.8	16	7	- 4.8	2.8	2.1	-0.7	0	9	0	0	9	0	0	0	0	0
MANSIARI	21.7	..	24.8	03	13.6	..	9.5	30	..	214.9	..	71.6	19	14	..	..	..	..	0	19	..	..	..	..	..	..	..	..
ROORKEE	35.0	+2.6	38.0	28	22.3	-1.1	20.5	18	11.2	15.0	-145.9	8.4	16	3	- 3.2	7.0	4.1	-0.1	0	3	0	0	2	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
UTTAR PRADESH WEST (CONTD.)																												
NAJIBABAD	34.1	+1.4	36.7	13	21.9	-1.6	19.4	28	6.4	23.9	-156.1	11.5	16	3	- 3.9	8.2	5.5	+0.9	0	5	0	0	2	0	0	0	0	0
MEERUT	36.3	+2.9	39.0	29	21.6	-2.7	19.0	19	..	39.0	-112.1	27.0	19	2	- 3.4	.	6.6	+0.6	0	2	0	0	0	0	0	0	0	0
BAREILLY	34.7	+1.7	37.5	09	24.3	-0.4	21.8	19	45.2	103.5	- 90.3	57.5	19	4	- 3.2	9.1	6.1	+1.9	0	5	0	0	0	0	0	0	0	0
ALIGARH	36.0	+2.5	39.5	28	24.1	-0.4	21.7	19	6.6	14.9	-141.8	7.8	19	2	- 5.2	12.1	7.9	+1.5	0	3	0	0	0	0	0	0	0	0
MAINPURI	35.4	+1.7	38.6	11	23.8	-0.9	21.8	19	36.6	75.1	- 62.6	40.1	18	2	- 4.7	..	..	..	0	3	0	0	0	0	0	0	0	0
AGRA	35.8	+2.6	38.5	26	24.8	+0.2	22.0	19	21.8	45.1	- 88.8	23.4	19	2	- 4.1	6.4	4.4	-0.1	0	3	0	0	0	0	0	0	0	0
AGRA AERODROME	35.5	..	38.7	27	24.1	..	22.2	04	19.1	29.6	..	18.5	19	2	..	..	..	..	1	3	0	0	1	0	0	0	0	0
ORAI	35.7	+2.7	39.0	11	24.6	+0.5	22.9	19	38.4	201.8	+ 48.2	194.0	18	2	- 5.5	7.0	6.1	-1.4	0	3	0	0	0	0	0	0	0	0
JHANSI	35.5	+3.0	39.4	26	24.9	+0.8	22.5	19	20.7	26.5	-128.7	18.7	16	3	- 4.2	6.0	6.3	+0.8	0	3	0	0	0	0	0	0	0	0
MORADABAD	33.8	..	36.0	09	23.3	..	20.1	19	45.4	99.2	..	95.0	19	2	..	7.0	5.7	..	0	2	0	0	0	1	0	0	0	0
UTTAR KASHI	33.2	..	34.9	16	18.3	..	15.4	12	..	104.6	..	35.4	17	8	..	..	..	..	0	9	0	0	0	0	0	0	0	0
HARYANA (INCLUDING DELHI AND CHANDIGARH)																												
CHANDIGARH	35.3	+2.8	37.3	16	22.3	+0.1	19.7	26	8.6	11.2	-215.2	11.2	20	1	- 5.7	.	0.0	..	0	1	0	0	0	0	0	0	0	0
AMBALA	35.7	+0.3	38.2	27	23.6	-0.3	20.7	28	0.0	0.0	-144.8	0.0	..	0	- 5.1	6.2	4.7	-0.2	0	0	0	0	0	0	0	0	0	0
AMBALA AERODROME	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
KARNAL	35.2	+1.9	37.1	27	22.8	-0.8	20.1	30	2.0	2.0	-134.2	2.0	20	0	- 5.4	6.7	5.3	..	0	1	0	0	0	0	0	0	0	0
HISSAR	38.9	+3.2	41.6	25	24.5	+0.6	22.1	30	0.0	0.0	- 81.0	0.0	..	0	- 3.5	8.8	7.2	+0.3	0	0	0	0	1	0	0	0	0	0
NEW DELHI/SAFDARJUNG	36.3	+2.2	39.1	28	24.5	-0.1	21.8	19	0.0	0.5	-134.4	0.5	19	0	- 4.9	17.7	11.1	+1.5	0	1	0	0	0	0	0	0	0	0
PALAM AERODROME	36.4	..	39.2	28	22.7	..	20.6	05	0.0	0.2	..	0.2	19	0	..	..	..	..	1	0	0	0	0	0	0	0	0	0
GURGAON	35.8	..	38.7	25	22.1	..	19.9	28	0.0	0.0	..	0.0	..	0	..	9.6	9.1	..	0	0	0	0	0	0	0	0	0	0
NARNAUL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
ROHTAK	37.3	..	39.0	25	23.4	..	21.2	30	0.0	0.0	..	0.0	..	0	..	12.0	9.0	..	0	0	0	0	0	0	0	0	0	0
PUNJAB																												
PATHANKOT	35.3	+2.5	36.6	14	22.8	+0.4	18.9	29	0.0	0.1	-171.2	0.1	19	0	- 7.5	..	..	..	1	0	0	0	3	0	0	0	0	0
AMRITSAR	37.4	+3.0	39.1	26	23.4	+0.1	20.8	30	0.0	0.0	- 95.1	0.0	..	0	- 3.8	..	..	..	0	0	0	0	0	0	0	0	0	0
ADAMPUR AERODROME	36.2	..	38.1	24	21.9	..	18.6	29	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
LUDHIANA	37.6	+2.3	39.6	26	24.2	+0.3	22.0	30	0.0	0.0	-115.8	0.0	..	0	- 4.0	4.7	2.4	-0.5	0	0	0	0	0	0	0	0	0	0
FEROZEPUR	38.0	+3.4	40.6	25	21.2	-2.2	19.0	30	0.0	0.0	-122.3	0.0	..	0	- 3.4	2.3	2.1	+0.1	0	0	0	0	0	0	0	0	0	0
HALWARA AERODROME	36.9	..	39.4	26	21.5	..	19.0	29	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
PATIALA	36.0	+1.6	38.4	27	23.4	-0.4	21.1	30	0.0	0.0	-112.5	0.0	..	0	- 4.6	4.2	6.3	+0.4	0	0	0	0	0	0	0	0	0	0
BHATINDA	38.2	+2.8	40.4	24	21.8	-2.1	19.6	30	0.0	0.0	-105.0	0.0	..	0	- 4.0	3.2	3.8	-0.9	0	0	0	0	0	0	0	0	0	0
HIMACHAL PRADESH																												
MANDI	33.4	+3.5	35.9	15	19.4	+0.1	16.1	30	10.2	90.7	-132.7	79.2	16	3	- 9.9	..	..	..	0	4	0	0	0	0	0	0	0	0
BILASPUR	33.6	+2.2	35.6	27	22.0	+0.4	19.8	29	7.0	7.0	-167.0	7.0	29	1	- 7.5	4.7	3.5	+0.2	0	1	0	0	1	0	0	0	0	0
JAMMU AND KASHMIR																												
MISGAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
GILGIT	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SKARDU	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
DRAS	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SONAMARG	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
LEH	23.0	+2.1	26.0	04	3.3	-2.1	1.5	26	0.0	0.0	- 9.1	0.0	..	0	- 1.1	4.1	6.9	+2.3	0	0	0	0	0	0	0	0	0	0
SRINAGAR	30.3	+2.0	32.7	14	11.4	-1.3	6.7	30	0.0	0.0	- 39.9	0.0	..	0	- 3.4	3.2	3.1	-0.6	0	0	0	0	0	0	0	0	0	0
SRINAGAR AERODROME	28.7	..	30.5	14	12.1	..	8.1	28	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	3	0	1	1	0	0
GULMARG	20.8	+2.6	24.4	11	4.8	-0.7	1.2	28	12.6	14.2	- 55.4	8.4	28	2	- 3.3	8.3	5.4	+0.3	0	4	0	0	5	0	0	0	0	0
QAZIGUND	27.3	..	30.0	15	11.5	..	7.5	29	1.5	1.5	..	1.5	28	0	..	..	..	..	0	0	10	0	0	10	0	0	0	0
BANIHAL	28.4	..	30.0	01	13.3	..	8.2	30	0.6	0.9	..	0.6	28	0	..	..	..	..	0	2	0	0	2	0	0	0	0	0
JAMMU	35.9	+2.6	37.2	11	24.2	+0.3	21.3	20	0.0	1.4	-122.3	1.4	20	0	- 4.7	4.9	4.2	..	0	1	0	0	0	0	0	0	0	0
JAMMU AERODROME	35.5	..	36.8	16	24.4	..	21.4	20	0.0	5.2	..	5.2	20	1	..	..	..	..	0	1	0	0	4	0	0	0	0	0
GULMARG (RESEARCH INSTITUTE)	21.2	..	23.6	15	8.0	..	2.9	28	7.6	13.8	..	8.6	28	2	..	..	..	..	1	3	0	0	5	0	0	0	0	0
RAJASTHAN, WEST																												
GANGANAGAR	39.9	+3.3	43.0	23	24.5	+0.4	22.5	30	0.0	0.0	- 95.4	0.0	..	0	- 3.6	.	0.0	-6.2	0	0	0	0	0	0	0	0	0	0
ANUPGARH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
CHURU	38.5	+3.5	41.7	24	22.5	-1.6	20.5	24	0.0	3.8	- 49.7	3.8	19	1	- 2.5	14.2	9.3	+0.1	0	1	0	0	1	0	1	0	0	0
BIKANER	39.1	+2.5	41.8	23	26.4	+1.2	22.9	30	0.0	0.0	- 40.1	0.0	..	0	- 2.2	14.6	11.4	+2.0	0	0	0	0	0	0	0	0	0	0
NAGAUR	38.4	+4.6	41.9	23	23.9	-0.5	22.1	03	0.0	0.0	- 27.4	0.0	..	0	- 2.3	10.8	7.8	-1.1	0	0	0	0	0	0	0	0	0	0
PHALODI	38.9	+3.4	44.5	24	24.8	+0.2	21.3	24	0.0	0.0	- 26.4	0.0	..	0	- 2.0	21.7	16.4	-0.2	0	0	0	0	0	0	0	0	0	0
JAISALMER	..	..	..	..	..	..	..	..	0.0	0.0	- 15.6	0.0	..	0	- 0.9	20.4	18.8	+2.7	0	0	0	0	0	0	0	0	0	0
JODHPUR	39.0	+4.3	42.2	22	25.9	+1.8	22.3	01	0.0	0.1	- 57.3	0.1	18	0	- 2.6	..	..	..	1	0	0	0	0	0	0	0	0	0
BARMER	..	..	..	..	..	..	..	..	0.0	300.0	+279.7	301.9	01	4	+ 2.6	80.5	0.0	-9.6	1	0	0	0	0	0	0	0	0	0
ERINPURA (JAWAI DAM)	36.1	+4.4	39.6	23	25.2	+1.3	22.3	04	0.0	0.0	-161.3	0.0	..	0	- 7.4	5.3	5.8	-1.4	0	0	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER – SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Duststorm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
RAJASTHAN, WEST (CONTD.)																												
JALORE	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
RAJASTHAN, EAST																												
PILANI	38.5	+4.2	41.4	24	22.9	-1.2	20.0	21	0.0	0.0	- 75.7	0.0	..	0	- 5.5	15.9	12.3	+2.2	0	0	0	0	0	0	0	0	0	0
SIKAR	36.2	+2.5	39.1	23	22.1	-1.0	20.6	19	0.0	0.0	- 63.2	0.0	..	0	- 4.1	1.1	0.9	-6.4	0	0	0	0	0	0	0	0	0	0
ALWAR	36.6	+3.2	40.0	24	26.2	+1.3	22.7	24	0.0	0.0	-152.2	0.0	..	0	- 7.2	7.6	6.1	+2.3	0	0	0	0	1	0	0	0	0	0
JAIPUR (SANGANER)	36.7	+3.5	39.5	24	23.2	+0.2	21.2	08	0.0	0.0	- 84.8	0.0	..	0	- 5.0	..	..	..	0	0	0	0	1	0	0	0	0	0
DHOLPUR	36.1	+2.7	40.0	24	23.7	-0.7	21.9	19	2.7	4.7	-124.5	2.0	18	0	- 7.3	7.7	4.8	-0.6	0	3	0	0	0	0	0	0	0	0
AJMER	36.0	+3.9	38.7	23	25.8	+2.1	23.9	22	0.0	0.0	- 72.9	0.0	..	0	- 4.1	9.7	9.4	+1.0	0	0	0	0	1	0	0	0	0	0
TONK	38.4	+5.6	40.1	24	24.0	0.0	22.3	09	3.8	4.2	-156.2	3.8	29	1	- 6.6	12.3	8.1	+0.9	0	2	0	0	1	0	0	0	0	0
BHILWARA	35.9	..	38.8	25	24.0	..	21.5	04	6.3	6.3	..	3.6	27	2	..	8.9	7.6	..	0	2	0	0	2	0	0	0	0	0
KOTA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
KOTA AERODROME	37.1	..	40.2	25	25.9	..	23.4	30	2.0	4.6	..	2.4	30	0	..	15.8	11.8	..	1	2	0	0	6	0	0	0	0	0
CHAMBAL (RAWAT BHATTA DAM)	36.4	+4.5	39.4	23	24.0	+1.2	20.6	18	3.5	14.7	-274.9	7.7	18	3	- 6.3	10.4	6.2	+0.3	0	3	0	0	3	0	0	0	0	0
UDAIPUR	33.2	+2.3	37.0	22	21.5	-0.6	20.0	03	46.7	54.1	- 52.1	20.9	30	5	- 0.7	5.2	2.7	-1.0	0	6	0	0	4	0	0	0	0	0
JHALAWAR	36.6	+4.7	39.4	23	23.2	0.0	14.2	18	2.8	2.8	-173.2	2.8	17	1	- 7.2	8.3	5.8	0.0	0	1	0	0	2	0	0	0	0	0
BANSWARA	33.7	..	36.8	22	24.0	..	21.4	19	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
DUNGARPUR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
MADHYA PRADESH, WEST																												
GWALIOR	35.2	+2.8	38.4	25	24.4	0.0	22.4	08	11.7	16.3	-161.9	8.7	18	2	- 5.5	11.0	6.5	+0.6	2	3	0	0	5	0	0	0	0	0
SHEOPUR	35.9	+3.4	38.6	25	23.8	+0.3	22.3	08	1.4	2.2	-110.2	1.8	27	0	- 6.0	9.4	7.0	+0.9	0	2	0	0	0	0	0	0	0	0
SHIVPURI	33.8	..	37.2	26	20.8	..	17.9	09	20.8	35.6	..	15.0	19	3	..	10.4	6.7	..	0	3	0	0	1	0	0	0	0	0
NOWGONG	35.0	+2.5	37.8	26	23.2	-0.4	21.9	11	24.4	107.4	- 55.2	83.8	18	5	- 2.5	7.1	4.3	-0.1	0	6	0	0	0	0	0	0	0	0
GUNA	34.0	+3.3	36.8	24	22.5	+0.4	20.7	09	40.2	46.9	-188.8	18.2	27	6	- 2.3	11.8	7.1	-0.3	0	7	0	0	4	0	0	0	0	0
NIMACH	33.5	+2.8	..	..	22.9	+0.8	..	..	11.6	15.4	-118.2	11.6	26	2	- 4.4	..	..	..	0	3	0	0	5	0	0	0	0	0
RAJGARH	35.1	+4.1	38.2	24	23.7	+1.4	22.1	23	8.1	17.9	-135.1	9.8	15	2	- 6.3	11.0	7.5	-1.1	0	2	0	0	0	0	0	0	0	0
SAGAR	33.4	+4.1	36.9	13	20.2	-1.5	17.9	18	35.0	45.0	-150.8	14.0	18	5	- 4.7	10.7	16.9	+7.3	0	5	0	0	0	0	0	0	0	0
RATLAM	33.6	+3.4	37.1	23	22.5	+0.5	20.4	02	10.7	86.5	-176.0	61.4	30	3	- 6.7	10.9	9.0	+1.3	0	6	0	0	6	0	0	0	0	0
BHOPAL (BAIRAGARH)	33.1	+3.0	35.5	23	22.1	+0.2	20.4	23	42.5	81.3	-158.7	33.1	27	5	- 4.9	14.5	10.0	+1.0	0	5	0	0	5	0	0	1	1	0
UJJAIN	33.3	..	36.4	24	22.1	..	20.4	03	22.0	105.9	..	65.7	30	6	..	11.3	9.0	..	0	6	0	0	7	0	0	0	0	0
NARSINGHPUR	33.6	..	36.2	27	23.0	..	21.6	30	40.0	89.6	..	62.2	16	3	..	6.3	3.6	..	0	9	0	0	1	0	0	0	0	0
HOSHANGABAD	33.4	+2.7	36.7	14	23.2	0.0	21.0	16	57.8	210.0	- 5.4	68.8	16	9	- 0.6	3.5	2.7	-1.7	0	10	0	0	0	0	0	0	0	0
INDORE	32.0	+2.7	35.0	24	21.5	+0.5	18.6	01	98.0	117.1	- 56.6	52.8	30	7	- 1.5	17.2	15.7	-2.8	1	9	0	0	12	0	0	0	0	0
RAJPUR (JHABUA)	32.6	+2.3	35.4	22	22.6	+0.2	21.0	18	0.0	52.2	-116.3	27.2	17	4	- 5.3	9.3	6.6	-2.6	0	6	0	0	2	0	0	0	0	0
CHHINDWARA	31.3	+2.3	35.5	10	21.9	+0.6	20.2	03	112.6	349.8	+154.5	130.2	15	8	- 3.2	..	..	..	0	15	0	0	7	0	0	0	0	0
SEONI	31.4	+2.2	34.7	12	22.6	+1.0	21.1	30	119.0	266.0	+ 63.6	74.0	16	12	+ 1.3	9.8	5.9	-0.1	0	17	0	0	5	0	0	0	0	0
BETUL	30.2	+1.9	32.9	24	17.6	-3.4	10.5	03	38.4	157.2	- 98.7	90.2	15	5	- 6.4	7.1	4.3	-1.8	0	7	0	0	1	0	0	0	0	0
KHANDWA	34.6	+3.6	36.2	13	22.5	-0.2	18.2	16	12.0	133.5	- 13.8	58.1	15	8	+ 0.6	12.3	10.8	+1.2	0	9	0	0	3	0	0	0	0	0
TIKAMGARH	33.4	..	36.5	11	23.0	..	20.2	06	24.8	41.6	..	27.8	18	3	..	6.6	4.8	..	0	3	0	0	0	0	0	0	0	0
MADHYA PRADESH, EAST																												
SATNA	34.8	+3.3	37.3	11	24.1	+0.3	22.1	01	14.7	67.1	-116.0	51.3	18	4	- 5.2	8.2	5.8	+0.5	1	5	0	0	3	0	0	0	0	0
REWA	34.9	..	37.6	27	25.0	..	22.7	24	44.7	76.1	..	23.6	17	5	..	7.5	4.3	..	1	7	0	0	4	0	0	0	0	0
SIDHI	34.9	+3.0	37.2	11	24.5	+0.8	22.6	01	51.3	103.5	-133.8	53.0	13	5	- 6.2	6.0	3.8	-1.7	0	5	0	0	0	0	0	0	0	0
UMARIA	33.1	+2.6	36.2	12	23.7	+0.9	21.7	16	73.9	186.7	- 49.2	88.7	16	5	- 6.1	6.6	4.4	-0.1	0	6	0	0	5	0	0	0	0	0
JABALPUR	33.6	+2.8	35.8	27	24.0	+0.9	22.2	30	9.7	77.9	-133.4	31.5	16	6	- 3.9	7.1	4.3	-1.4	0	11	0	0	3	0	0	0	0	0
AMBIKAPUR	31.8	+2.3	33.6	28	21.9	-0.2	20.6	23	65.2	83.8	-140.0	38.0	17	6	- 6.4	11.4	7.1	-0.4	1	8	0	0	2	0	1	0	0	0
JASHPURNAGAR	30.1	..	32.7	03	20.8	..	19.8	30	99.8	184.4	..	89.6	17	8	..	8.7	5.2	..	0	9	0	0	1	0	0	0	0	0
PENDRA	30.7	+1.8	33.6	27	22.7	+0.7	21.1	17	103.2	278.3	+ 72.0	104.6	17	10	- 1.4	8.4	5.7	-0.1	0	12	0	0	12	0	0	0	0	0
MANDLA	32.0	+1.8	34.4	12	22.3	0.0	20.6	10	75.2	164.2	- 45.0	35.2	18	10	- 1.3	7.3	3.7	+0.6	0	12	0	0	5	0	0	0	0	0
CHAMPA	33.2	+1.7	36.0	11	24.7	0.0	22.6	23	27.2	75.2	-158.9	17.0	17	7	- 4.9	6.2	4.5	-0.9	0	10	0	0	6	0	0	0	0	0
RAIGARH	34.0	+2.2	36.7	05	25.2	+0.5	23.2	12	124.0	230.1	-111.3	107.2	17	10	- 4.7	6.5	4.5	-0.8	0	11	0	0	2	0	0	0	0	0
RAIPUR	32.4	+1.4	36.2	12	24.4	+0.3	20.5	22	144.1	254.1	+ 41.0	104.4	13	9	- 1.5	8.2	6.6	-0.8	0	12	0	0	9	0	0	0	0	0
KANKER	30.9	+1.0	34.0	12	24.0	+0.9	21.4	23	139.6	273.3	+ 28.7	118.8	13	8	- 4.1	6.2	5.6	-0.4	0	8	0	0	4	0	0	0	0	0
JAGDALPUR	29.8	+0.3	32.5	22	22.0	-0.3	19.9	13	224.8	404.3	+142.9	112.5	13	17	+ 3.1	..	..	..	2	24	0	0	14	0	0	0	2	0
GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																												
DEESA	36.1	+3.1	40.4	22	25.0	+1.5	23.4	14	0.0	9.4	- 75.9	9.6	30	1	- 2.8	9.9	7.5	..	0	1	0	0	0	0	0	0	0	0
RADHANPUR	35.9	+2.1	40.0	24	25.1	+1.1	22.3	03	..	0.0	-233.4	0.0	..	0	- 6.6	9.4	7.2	+0.5	0	0	0	0	0	0	0	0	0	0
IDAR	35.3	+3.9	39.1	22	23.4	+0.4	21.4	02	0.0	0.0	-154.6	0.0	..	0	- 8.1	9.8	5.7	-0.1	0	0	0	0	0	0	0	0	0	0
AHMADABAD	35.7	+2.6	40.0	22	25.1	+0.9	23.4	03	0.0	0.0	-116.8	0.0	..	0	- 5.2	6.3	5.3	-1.7	0	0	0	0	1	0	0	0	0	0
DOHAD	32.7	+2.4	35.2	22	23.0	+0.4	20.1	18	0.0	70.4	-109.2	38.6	29	5	- 2.0	16.4	15.7	-1.1	0	5	0	0	8	0	0	0	0	0
VALLABH VIDYANAGAR	35.1	..	39.6	23	24.1	..	22.7	03	2.7	5.6	..	2.6	27	2	..	8.0	6.3	..	1	3	0	0	0	0	0	0	0	0
BARODA AERODROME	34.8	+2.1	38.5	22	24.7	+0.3	22.7	19	0.0	27.8	-145.9	14.0	30	2	- 5.3	6.4	6.7	-1.2	0	2	0	0	3	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Duststorm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
GUJARAT REGION (INCLUDING DAMAN DADRA AND NAGAR HAVELI)																												
BARODA	35.4	+2.8	39.0	22	24.8	+0.7	23.1	19	6.0	39.7	-135.4	22.0	30	3	- 3.9	4.0	3.5	-1.3	0	5	0	0	2	0	0	0	0	0
BROACH	..	..	..	..	..	..	..	..	..	0.0	-207.7	0.0	..	0	- 7.6	8.0	5.6	-2.0	0	0	0	0	2	0	0	0	0	0
SURAT	33.9	+2.3	37.8	22	25.0	+0.9	23.0	30	6.4	43.0	-123.1	20.0	30	4	- 4.0	8.6	6.9	-0.4	0	4	0	0	1	0	0	0	0	0
SAURASHTRA AND KUTCH (INCLUDING DIU)																												
NALIYA	31.9	+1.1	34.1	22	23.8	-0.4	20.7	29	0.0	0.0	-244.0	0.0	..	0	- 5.3	18.4	12.6	-2.1	0	0	0	0	0	0	0	0	0	0
BHUJ (RUDRAMATA)	35.3	+2.1	38.5	23	24.3	+0.2	22.6	01	1.7	2.1	- 46.7	1.5	21	0	- 2.2	15.9	13.0	0.0	1	2	0	0	3	0	0	0	0	0
KANDLA AERODROME	34.7	..	38.5	24	24.3	..	22.5	01	6.9	6.9	..	6.0	06	1	..	21.5	18.0	..	0	2	0	0	2	0	0	0	0	0
NEW KANDLA	33.6	+1.5	36.5	22	25.1	-0.1	21.7	02	0.6	3.2	- 64.4	2.0	05	0	- 5.0	18.7	17.4	-4.2	1	3	0	0	0	0	0	0	0	0
MANDVI	31.1	+0.6	32.8	23	24.6	-0.8	22.6	29	4.9	12.0	- 92.4	12.0	06	1	- 5.2	23.4	21.6	-4.9	0	1	0	0	0	0	0	0	0	0
SURENDRANAGAR	35.4	+2.2	37.4	24	25.0	+0.7	22.8	04	0.0	67.0	- 69.7	34.4	15	4	- 3.3	9.3	10.7	-2.6	0	4	0	0	4	0	0	0	0	0
OKHA	30.5	..	31.7	25	25.1	..	23.9	01	0.0	0.7	..	0.5	07	0	..	17.5	14.6	..	1	1	0	0	0	0	0	0	0	0
JAMNAGAR AERODROME	32.5	+0.6	34.3	21	23.2	-0.7	21.6	04	3.2	5.5	- 51.1	3.2	07	1	- 1.7	..	..	..	0	2	0	0	1	0	0	0	0	0
DWARKA	30.6	+1.1	31.6	27	26.1	+0.7	23.5	07	9.0	13.4	- 25.2	7.6	16	2	0.0	13.3	12.7	-2.3	0	3	0	0	0	0	0	0	0	0
RAJKOT	34.2	+1.3	36.6	20	23.0	+0.1	20.7	02	1.2	58.2	- 99.1	35.2	22	3	- 3.1	18.3	16.1	-1.3	0	5	0	0	7	0	0	0	0	0
BHAVNAGAR AERODROME	34.2	+1.0	37.8	23	24.4	+0.2	21.3	04	3.9	17.7	-109.9	9.2	30	3	- 3.7	15.9	15.1	+5.1	0	4	0	0	5	0	0	0	1	0
PORBANDER AERODROME	31.3	+1.5	33.5	22	24.6	-0.5	22.7	01	1.7	9.1	- 80.3	4.0	07	1	- 3.8	15.2	10.0	..	0	5	0	0	2	0	0	0	0	0
KESHOD	32.7	+1.6	35.7	22	23.1	-0.2	21.6	12	46.4	38.1	- 91.4	26.2	22	2	- 5.0	18.0	11.9	-3.8	0	8	0	0	2	0	0	0	0	0
MAHUVA	33.7	..	36.8	25	23.5	..	20.7	28	0.0	28.8	-112.3	27.8	29	1	- 5.9	10.6	7.9	..	0	2	0	0	1	0	0	0	0	0
VERAVAL	30.9	+1.3	32.7	22	24.6	0.0	23.2	08	20.1	41.3	- 19.9	14.4	22	4	+ 0.2	17.3	15.4	+0.1	0	6	0	0	3	0	0	0	1	0
DIU	30.7	..	33.4	22	24.9	..	22.6	02	0.0	0.6	..	0.4	07	0	..	16.9	12.0	..	1	1	0	0	6	0	0	0	0	0
KONKAN (INCLUDING GOA)																												
DAHANU	30.2	+0.6	32.7	24	24.8	+0.5	23.0	03	23.4	77.8	-282.5	25.6	29	8	- 3.5	14.1	10.1	-6.2	0	14	0	0	0	0	0	0	0	0
BOMBAY (SANTACRUZ)	30.8	+0.9	33.5	22	23.9	0.0	22.3	22	17.2	88.2	-243.1	25.1	22	10	- 2.4	12.3	8.0	-2.8	2	18	0	0	11	0	0	0	1	0
BOMBAY	30.9	+0.8	32.0	26	24.9	+0.2	23.3	23	41.1	151.9	-134.1	31.9	24	8	- 4.6	9.0	7.3	-2.7	0	17	0	0	8	0	0	0	4	0
ALIBAG	30.5	+1.3	32.3	22	24.1	-0.3	22.8	04	..	131.7	-209.2	35.0	17	14	- 0.6	.	10.3	-3.4	0	19	0	0	2	0	0	0	0	0
BHIRA	30.7	..	33.8	26	22.4	..	21.2	05	174.4	301.4	..	44.4	13	18	..	2.8	1.5	..	0	26	0	0	3	0	0	0	0	0
HARNAI	29.1	+0.6	30.7	18	24.3	0.0	22.5	01	68.4	205.0	-137.2	50.0	01	14	- 1.4	8.6	7.1	-6.1	0	17	0	0	0	0	0	0	0	0
RATNAGIRI	30.0	+0.9	31.8	30	23.9	+0.1	22.9	07	33.1	203.3	-130.0	53.2	26	11	- 4.5	4.3	3.1	..	1	15	0	0	2	0	0	0	0	0
DEVGARH	29.8	+0.7	32.1	10	23.0	-1.0	21.6	01	24.8	146.0	-181.0	26.0	14	13	- 3.1	11.8	9.4	-5.2	0	16	0	0	0	0	0	0	0	0
VENGURLA	29.8	+0.4	31.1	30	23.4	-0.1	21.8	05	13.0	182.7	-155.0	80.9	26	12	- 4.2	9.5	4.8	..	0	18	0	0	7	0	0	0	0	0
PANJIM	29.8	..	32.0	30	23.8	..	22.7	18	24.1	84.0	..	21.8	18	8	..	13.6	9.0	..	2	19	0	0	2	1	0	0	0	0
MORMUGAO	29.0	+0.9	30.7	30	24.1	+0.3	22.9	18	38.0	116.8	-108.7	25.2	20	11	- 3.5	11.4	9.0	-2.2	0	21	0	0	5	0	0	0	0	0
DABOLIM (NAVAL AIR STN.)	..	..	..	..	24.2	..	23.4	18	27.9	105.2	..	28.3	20	10	..	9.3	6.1	..	2	17	0	0	6	0	0	0	0	0
MADHYA MAHARASHTRA																												
NANDURBAR	33.4	+2.6	37.0	22	23.4	+0.3	21.6	01	..	66.2	- 91.1	15.6	29	6	- 2.6	10.8	8.6	-0.5	0	9	0	0	0	0	0	0	0	0
JALGAON	34.2	+2.4	37.6	24	23.6	+0.7	22.2	17	27.0	62.4	- 91.2	17.4	17	6	- 1.8	17.2	14.6	+3.9	0	11	0	0	4	0	0	0	0	0
MALEGAON	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
OZAR	29.4	..	32.6	25	19.2	..	16.5	06	25.7	180.0	..	67.3	30	8	..	16.1	12.1	..	1	14	0	0	13	1	0	0	0	0
AHMADNAGAR	31.0	+1.1	34.0	26	20.8	+0.5	19.5	24	103.6	219.2	+ 43.7	45.2	24	12	+ 3.6	8.4	6.1	-1.6	0	19	0	0	1	0	0	0	0	0
KHANDALA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
POONA AERODROME	30.5	..	33.1	20	19.7	..	17.5	06	95.4	179.7	..	38.8	26	9	..	..	..	..	0	14	0	0	13	2	0	0	2	0
POONA	30.4	+1.6	32.8	23	21.0	+0.3	19.4	06	49.6	138.6	+ 8.5	30.0	28	9	+ 1.5	9.8	6.7	..	1	13	0	0	12	1	0	0	1	0
JEUR	30.1	-1.3	34.8	02	21.4	+0.5	19.2	17	37.9	146.3	+ 5.0	41.2	30	9	+ 1.3	11.1	10.4	-1.7	0	11	0	0	0	0	0	0	0	0
BARAMATI	31.8	+1.3	34.6	26	21.6	+0.6	20.3	17	52.2	202.0	+ 72.1	60.2	30	11	+ 4.0	10.5	9.9	-3.7	0	14	0	0	5	0	0	0	0	0
SHOLAPUR	30.5	-1.0	34.5	26	21.7	+0.2	19.4	17	54.9	217.2	+ 27.5	37.6	21	12	+ 3.0	10.6	8.4	-0.9	1	13	0	0	6	0	0	0	0	0
MIRAJ	30.9	+1.5	32.6	01	20.8	+0.3	19.7	05	91.6	248.6	+143.4	60.8	30	11	+ 5.1	..	..	..	0	16	0	0	11	0	0	0	0	0
KOLHAPUR	28.9	+0.4	32.1	23	22.4	+2.0	19.0	35	75.6	154.4	+ 58.6	29.8	22	12	+ 4.1	12.8	11.7	-0.3	0	15	0	0	8	0	0	0	0	0
NASIK	31.2	..	33.6	26	..	..	..	..	..	152.8	..	59.6	28	10	..	..	..	..	1	13	0	0	0	0	0	0	0	0
SANGLI	31.0	..	32.9	23	20.7	..	19.1	06	31.4	198.4	..	41.4	29	11	..	14.1	11.1	..	0	13	0	0	0	0	0	0	0	0
MARATHWADA																												
AURANGABAD	30.8	+1.0	33.4	11	21.1	+0.2	19.3	28	54.8	149.8	- 20.4	41.4	28	9	+ 0.1	12.4	10.1	-2.4	0	16	0	3	8	0	0	0	0	0
AURANGABAD (CHIKALTHAN)	30.6	+0.8	33.0	11	19.6	-1.0	17.1	28	56.0	183.5	+ 47.9	53.3	28	11	+ 2.3	15.4	12.6	-1.5	0	17	0	0	10	0	0	0	0	0
PARBHANI	31.4	+0.3	34.2	26	22.1	+0.2	20.2	18	25.8	165.0	- 50.1	41.6	17	9	- 1.0	10.7	6.8	-3.4	0	9	0	0	3	0	0	0	0	0
NANDER	31.7	..	35.6	03	22.4	..	20.4	18	102.8	257.4	..	62.2	16	13	..	8.6	6.1	..	0	14	0	0	0	0	0	0	0	0
BIR	31.4	..	35.0	26	21.8	..	20.3	24	59.5	252.3	..	46.4	29	14	..	6.9	4.7	..	0	18	0	0	8	0	0	0	0	0
VIDARBHA																												
GONDIA	32.7	+1.9	35.7	10	24.5	+0.6	22.2	23	55.0	231.9	+ 10.7	146.5	14	6	- 5.5	0.9	1.1	-3.1	0	7	0	0	3	0	0	0	0	0
NAGPUR (SONEGAON)	32.9	+1.4	35.7	28	23.5	+0.4	22.0	14	72.0	263.5	+ 78.8	76.7	14	9	- 1.1	12.4	9.5	-1.4	1	13	0	0	12	0	0	0	2	0
AMRAOTI	32.7	+2.1	35.7	02	23.3	+0.6	21.5	19	62.6	197.2	+ 32.1	66.2	16	9	+ 0.2	9.8	7.4	-2.7	0	13	0	0	1	0	0	0	0	0
AKOLA AERODROME	33.5	..	36.6	03	22.0	..	19.4	24	63.2	114.0	..	37.0	24	9	..	13.6	9.7	..	1	12	0	0	7	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation: 0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
VIDARBHA (CONTD)																												
AKOLA	33.4	+1.9	36.4	03	23.7	+0.6	21.6	24	50.1	122.8	- 29.1	29.0	17	11	+ 3.5	11.4	8.4	-1.5	0	11	0	0	0	0	0	0	0	0
BRAHMAPURI	32.5	+1.6	35.6	12	21.6	-2.1	19.9	14	102.3	231.7	- 90.0	62.9	14	9	- 2.3	6.6	4.8	-1.0	0	10	0	0	0	0	0	0	0	0
BULDANA	29.9	+1.8	32.8	23	19.8	-1.4	17.8	18	24.1	108.4	- 97.6	44.0	17	5	- 3.9	9.3	7.8	-3.1	0	6	0	0	1	0	0	0	0	0
YEOTMAL	32.3	+2.2	36.2	03	22.4	+0.5	20.8	18	39.0	203.4	- 7.8	48.4	16	11	+ 1.3	11.8	10.7	-1.2	0	13	0	0	2	0	0	0	0	0
CHANDRAPUR	32.3	+1.1	35.6	27	24.2	+0.5	22.5	23	87.7	250.8	+ 35.4	66.8	17	8	- 2.5	9.0	5.4	-0.5	1	11	0	0	9	0	0	0	0	0
PUSAD	32.7	..	35.4	04	..	..	..	..	10.0	113.8	..	33.8	18	7	..	10.3	7.5	..	0	9	0	0	6	0	0	0	0	0
SIRONCHA	32.5	+0.9	36.2	02	24.1	-0.4	22.1	02	61.2	247.4	+ 43.0	62.4	17	9	- 3.8	6.6	4.7	+0.2	0	13	0	0	0	0	0	0	0	0
WARDHA	32.8	..	36.4	03	22.2	..	20.0	14	130.0	226.0	..	41.8	23	9	..	8.3	6.9	..	0	12	0	0	2	0	0	0	0	0
BHANDARA	32.5	..	36.2	12	24.2	..	21.5	23	162.0	483.0	..	251.0	14	12	..	7.1	5.0	..	0	12	..	..	..	..	..	.	..	.
COASTAL ANDHRA PRADESH																												
KALINGAPATAM	32.7	+0.9	35.6	02	25.2	-0.6	22.5	13	37.6	114.2	- 61.6	34.4	12	8	- 1.1	11.1	7.9	-1.2	0	10	0	0	3	0	0	0	0	0
VISHAKHAPATNAM	33.2	+1.6	36.0	02	25.7	+0.1	24.3	05	106.2	145.4	- 22.7	51.7	05	10	+ 1.1	14.9	9.7	+0.2	2	15	0	0	13	0	0	0	5	0
KAKINADA	33.1	+1.1	37.4	07	25.9	+0.4	23.4	13	79.6	155.2	+ 3.3	70.0	20	7	- 1.9	9.6	6.7	-1.9	0	9	0	0	2	0	0	0	0	0
NIDADAVOLE	32.3	+0.9	35.8	02	24.9	0.0	23.0	13	40.6	104.4	- 60.8	29.2	27	8	- 2.0	6.1	7.2	-1.1	0	9	0	0	0	0	0	0	0	0
RENTACHINTALA	33.7	+0.3	37.0	01	24.8	0.0	22.7	04	15.0	136.6	- 1.3	53.0	08	9	+ 0.7	9.0	7.1	-0.8	0	9	0	0	0	0	0	0	0	0
GANNAVARAM	32.3	-0.1	36.6	02	24.8	-0.4	22.5	26	123.7	206.0	+ 73.1	53.5	05	10	+ 0.5	13.5	10.2	-0.9	1	15	0	0	10	0	0	0	0	0
MASULIPATAN	32.3	+0.5	35.4	01	24.2	-1.5	22.6	19	24.8	83.9	- 78.2	27.2	19	8	- 1.7	4.9	3.4	-5.4	0	13	0	0	5	0	0	0	0	0
ONGOLE	34.9	+1.2	38.5	01	26.2	+0.4	24.0	08	43.5	89.5	- 61.5	16.4	08	10	+ 2.1	10.7	8.3	+1.5	0	12	0	0	1	0	0	0	0	0
NELLORE	35.0	+0.3	38.5	03	25.9	-0.1	23.0	27	96.3	128.8	+ 18.6	43.0	27	7	+ 1.4	..	..	..	2	14	0	0	3	0	0	0	0	0
VISHAKHAPATNAM (SOLAR)	31.8	..	34.0	08	25.2	..	22.5	10	..	57.0	..	19.5	10	6	..	.	6.5	..	3	9	0	0	8	0	0	0	0	0
TELANGANA																												
RAMGUNDAM	33.2	+1.2	38.0	02	23.8	-0.6	22.0	09	82.0	223.4	+ 41.5	73.7	06	12	+ 1.5	8.2	6.0	+1.0	1	16	0	0	4	0	0	0	0	0
NIZAMABAD	31.3	+0.7	36.0	03	23.1	+0.4	21.0	18	99.4	221.8	+ 2.3	60.8	17	10	- 0.2	7.3	6.8	+1.4	1	14	0	0	6	0	0	0	0	0
HANAMKONDA	31.5	+0.3	35.3	02	23.9	0.0	21.7	08	27.0	221.4	+ 31.7	88.8	08	8	- 1.2	12.3	8.5	0.0	0	13	0	0	7	0	0	0	0	0
HAKIMPET AERODROME	30.3	..	35.2	03	21.7	..	19.7	08	38.0	254.5	..	82.6	05	12	..	..	..	..	0	18	0	0	15	0	0	0	0	0
BHADRACHALLAM	33.1	+0.9	37.2	02	24.5	+0.1	22.6	08	79.6	154.5	- 25.7	45.0	08	12	+ 0.4	5.0	4.1	-1.0	0	15	0	0	7	0	0	0	0	0
HYDERABAD (BEGAMPET)	30.4	+0.7	35.3	02	20.4	-1.2	18.6	17	31.2	283.3	+111.8	69.2	04	13	+ 3.4	9.5	7.4	-5.2	0	19	0	0	14	0	0	0	5	0
KHAMMAM	32.8	+0.2	36.8	03	24.4	0.0	21.4	14	15.0	292.0	+117.5	177.4	07	9	+ 0.2	6.5	5.4	-0.3	0	11	0	0	0	0	0	0	0	0
MAHBUBNAGAR	30.2	-0.1	36.0	02	22.3	+0.2	20.3	17	94.6	294.4	+ 86.1	52.8	07	15	+ 4.7	10.8	8.6	-1.9	0	19	0	0	1	0	0	0	0	0
RAYALASEEMA																												
KURNOOL	32.9	+1.0	36.2	02	23.5	+0.2	21.6	26	18.9	217.6	+ 71.5	72.4	26	10	+ 1.4	13.2	10.7	-1.9	0	14	0	0	0	0	0	0	0	0
NANDYAL	32.7	..	36.8	02	23.6	..	21.5	25	30.3	220.3	..	45.8	09	10	..	12.5	8.9	..	0	17	0	0	4	0	0	0	0	0
ANANTAPUR	32.4	-0.1	36.0	03	23.2	+0.1	21.8	26	14.2	272.8	+122.9	85.1	23	14	+ 7.3	13.2	11.4	-1.7	1	17	0	0	13	0	0	0	0	0
CUDDAPAH	34.2	+0.9	38.2	03	24.6	-0.4	23.0	28	34.6	111.0	- 43.9	28.6	26	10	+ 1.8	5.2	3.8	-3.0	0	15	0	0	0	0	0	0	0	0
AROGYAVARAM	30.3	+0.5	32.8	01	20.8	-0.4	19.4	26	8.5	69.4	- 36.2	25.5	19	8	+ 1.4	15.1	12.0	+2.1	0	9	0	0	1	0	0	0	0	0
MADRAS STATE (INCLUDING PONDICHERRY)																												
MADRAS	33.7	+0.2	38.4	14	25.3	+0.1	21.9	27	19.1	128.0	+ 13.6	47.2	27	6	- 1.2	11.1	8.1	+1.0	1	12	0	0	3	0	0	0	0	0
MADRAS (MINAMBAKKAM)	34.2	+0.3	38.1	03	25.1	-0.3	22.2	27	6.6	78.6	- 40.8	30.0	09	6	- 1.3	14.1	10.9	-0.2	2	12	0	0	6	0	0	0	3	0
VELLORE	34.6	+1.1	37.7	03	24.2	-0.2	21.5	30	3.1	202.1	+ 29.6	65.3	30	9	+ 0.9	8.9	8.8	+2.0	0	17	0	0	9	0	0	0	0	0
TAMBARAM AERODROME	35.3	..	39.0	14	25.0	..	22.0	19	23.1	104.9	..	39.4	19	10	..	..	..	..	0	15	0	0	9	0	0	0	0	0
TIRUPPATTUR	33.3	+0.4	35.1	16	23.6	+1.3	21.2	07	0.0	261.1	+ 88.5	88.8	28	7	- 2.2	7.3	6.6	+1.0	0	7	0	0	0	0	0	0	0	0
METTUR DAM R.S.	34.0	..	35.8	02	24.0	..	22.9	01	14.2	90.0	..	23.0	27	8	..	7.0	7.4	..	1	10	0	0	2	0	0	0	0	0
CUDDALORE	33.8	0.0	37.4	17	24.8	-0.3	21.7	26	0.0	132.8	+ 6.8	79.4	26	9	+ 2.9	10.3	8.9	-0.3	1	14	0	0	4	0	0	0	0	0
KALLAKKURICHCHI	34.1	-0.7	37.2	14	..	..	..	..	18.0	167.4	+ 42.4	49.0	22	11	+ 5.0	6.3	6.1	..	0	13	0	0	1	0	0	0	0	0
SALEM	33.3	+0.2	35.4	06	23.3	0.0	21.0	19	4.6	272.9	+131.2	69.8	21	9	+ 0.5	5.8	5.4	-1.5	0	11	0	0	8	0	0	0	0	0
COIMBATORE (PILAMEDU)	31.8	-0.1	33.5	28	21.9	+0.2	20.8	03	3.3	19.8	- 34.1	4.6	21	5	+ 2.1	29.1	25.3	-0.9	0	7	0	0	9	1	0	0	0	0
COIMBATORE	31.5	+0.8	33.5	30	21.9	-0.1	19.9	05	..	14.8	- 26.9	8.0	24	2	- 1.3	.	12.7	-0.4	1	4	0	0	0	0	0	0	0	0
NAGAPATTINAM	33.5	-0.2	35.8	18	25.1	-0.6	22.0	26	0.4	153.0	+ 68.9	66.0	29	6	+ 1.0	11.3	10.1	+0.4	1	8	0	0	7	0	0	0	0	0
TIRUCHCHIRAPPALLI	34.6	+0.4	37.0	17	24.7	-0.2	21.5	29	32.8	218.5	+ 94.6	49.9	19	11	+ 4.7	16.3	13.3	-6.1	0	12	0	0	8	0	0	0	2	0
VEDARANNIYAM	33.1	..	35.6	19	23.8	..	19.8	26	21.2	115.7	..	45.6	07	7	..	7.6	6.4	..	1	9	0	0	0	0	0	0	0	0
ATIRAMPATTINAM	33.1	..	36.8	07	24.8	..	22.4	19	5.8	174.4	..	33.0	21	10	..	12.1	10.3	..	0	11	0	0	1	0	0	0	0	0
MADURAI	35.7	+0.7	37.4	06	23.4	-1.4	21.4	28	..	98.2	- 24.5	41.0	28	4	- 2.3	.	8.8	+2.5	0	7	0	0	3	0	0	0	0	0
MADURAI AERODROME	34.8	0.0	36.7	28	24.7	+0.1	22.0	28	53.4	94.1	+ 34.8	45.7	30	4	- 0.4	14.9	11.9	+0.2	1	8	0	0	7	0	0	0	0	0
TONDI	31.9	-0.9	34.5	12	24.6	-1.0	21.5	29	6.0	103.2	+ 68.3	37.0	21	6	+ 4.2	17.7	12.6	-3.2	0	6	0	0	5	0	0	0	0	0
PAMBAN	32.2	+0.9	33.6	07	25.4	-0.9	23.8	01	0.6	1.9	- 24.0	0.8	22	0	- 1.6	..	..	..	0	3	0	0	1	0	0	0	0	0
TUTICORIN	34.3	+0.4	37.7	07	25.0	-1.0	22.9	29	23.5	25.6	+ 18.1	23.5	28	1	- 0.2	19.8	16.4	-0.3	0	3	0	0	0	0	0	0	0	0
PALAYANKOTTAI	35.2	-0.2	38.6	02	25.8	-0.1	23.6	29	6.8	29.4	+ 0.4	14.8	29	2	0.0	15.8	13.5	+0.3	0	4	0	0	1	0	0	0	0	0
KANNIYAKUMARI	29.9	..	32.6	06	23.8	..	22.1	09	11.2	79.5	..	60.2	09	4	..	21.8	19.6	..	0	6	0	0	0	0	0	0	0	0
PONDICHERRY	33.7	..	37.5	16	24.7	..	21.7	26	1.4	116.5	..	38.3	26	9	..	15.5	14.0	..	0	10	0	0	3	0	0	0	0	0
PORTNOVO	33.3	..	36.9	14	22.7	..	19.8	26	..	154.9	..	39.6	20	8	..	.	9.3	..	0	14	0	0	8	0	0	0	0	0
TUTICORIN H.P.	33.5	..	37.0	06	27.3	..	24.4	29	0.0	1.1	..	1.0	29	0	..	23.3	19.8	..	1	1	0	0	1	0	0	1	1	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27
COASTAL MYSORE																											
KARWAR	29.2	+0.8	31.2	30	23.6	-0.2	22.5	05	56.8	148.0	-143.8	35.0	13	12	- 5.5	5.8	3.6	[illegible]	0	21	0	0	0	0	0	0	0
HONAVAR	29.3	+0.5	31.4	29	23.4	+0.2	22.2	11	87.3	363.1	+ 21.5	62.2	10	19	+ 2.3	..	..	..	0	22	0	0	5	0	0	0	0
MANGALORE (BAJPE)	29.1	+0.5	31.2	27	22.7	+0.1	21.5	05	97.4	381.6	- 28.8	59.6	24	18	+ 0.6	9.5	6.0	-1.1	2	21	0	0	7	1	0	0	0
MANGALORE	28.9	+0.2	30.4	27	21.7	-1.8	20.4	12	82.9	279.0	+ 7.0	38.1	19	16	0.0	9.4	7.1	40.3	0	17	0	0	3	0	0	0	0
MANGALORE H.P	28.9	..	30.4	30	23.2	..	21.8	04	63.0	304.1	..	37.4	13	18	..	10.6	6.5	..	0	19	0	0	10	0	0	0	5
INTERIOR MYSORE NORTH																											
BIDAR	28.9	+0.1	32.8	03	21.4	+0.4	19.6	30	79.8	244.2	+ 5.4	125.0	05	10	- 0.7	13.6	11.6	-1.6	1	14	0	0	2	0	0	0	0
GULBARGA	30.6	-0.5	34.8	02	22.1	+0.2	20.0	18	59.4	263.4	+ 78.8	78.0	24	16	+ 6.5	12.5	10.0	-3.0	0	18	0	0	5	0	0	0	0
BIJAPUR	29.9	-0.7	32.8	23	21.9	+0.8	19.5	17	6.6	220.8	+ 79.3	49.2	23	10	+ 2.0	8.4	8.0	-2.0	0	17	0	0	2	0	0	0	0
RAICHUR	29.8	-1.8	36.0	01	23.0	+0.3	21.4	29	46.5	272.9	+118.0	98.0	23	7	- 1.9	15.5	12.0	-1.4	0	12	0	0	9	0	0	0	0
BELGAUM	28.8	+1.8	31.7	29	20.0	+1.0	18.3	05	78.5	85.5	- 30.1	46.4	20	7	- 2.5	[illegible]	[illegible]	-5.9	1	10	0	0	0	0	0	0	0
BELGAUM (SAMRA)	28.4	+1.5	30.0	23	19.7	+0.5	17.4	05	83.6	113.5	+ 24.0	41.1	20	7	- 1.8	[illegible]	[illegible]	[illegible]	0	15	0	0	11	0	0	0	0
GADAG	29.9	+0.2	32.6	03	20.5	0.0	19.3	01	65.1	184.4	+ 55.4	36.1	20	10	+ 2.7	[illegible]	[illegible]	[illegible]	1	15	0	0	12	0	0	0	0
BIDAR A.F	29.1	..	32.7	03	19.9	..	18.0	18	112.7	265.0	..	148.4	05	13	..	..	..	..	0	14	0	0	13	0	0	0	0
INTERIOR MYSORE, SOUTH																											
BELLARY	31.6	+0.1	35.2	03	23.0	0.0	21.4	28	41.0	385.3	+262.9	115.0	22	13	+ 5.9	10.2	9.6	-1.5	1	19	0	0	10	0	0	0	0
CHITRADURGA	29.4	+0.3	32.0	18	20.7	+0.4	18.8	22	31.8	224.0	+122.4	74.4	28	10	+ 3.1	10.0	10.1	-0.7	1	11	0	0	8	0	0	0	0
SHIMOGA	..	..	..	..	..	..	..	..	54.8	123.6	+ 34.1	32.8	30	11	+ 2.9	[illegible]	[illegible]	[illegible]	0	12	0	0	3	0	0	0	0
AGUMBE	24.5	..	27.0	30	19.9	..	17.8	05	..	756.0	..	72.0	14	22	..	.	3.4	..	0	26	0	0	0	0	0	0	0
BALEHONNUR	25.7	+1.2	29.6	26	18.0	-0.1	15.6	02	..	230.4	- 1.3	52.0	24	17	+ 0.1	..	..	..	0	22	0	0	0	5	0	0	0
HASSAN	24.6	-2.1	27.6	22	16.2	-2.2	15.0	05	50.2	127.4	+ 27.3	37.2	20	9	+ 1.7	8.2	6.7	-4.9	0	9	0	0	4	0	0	0	0
BANGALORE	28.4	+0.8	32.0	03	19.2	+0.3	18.0	21	24.6	335.7	+170.1	79.1	26	18	+ 9.3	14.7	11.5	-0.6	1	20	0	0	11	0	0	0	0
BANGALORE AERODROME	28.5	-0.1	30.8	03	18.5	-0.8	17.4	14	29.9	309.4	+180.5	66.6	21	14	+ 5.8	..	..	..	0	18	0	0	12	0	0	0	0
MYSORE	27.3	-1.4	30.0	20	19.9	+0.6	18.1	01	70.8	221.3	+104.2	61.0	27	8	+ 0.2	[illegible]	[illegible]	[illegible]	0	12	0	0	7	0	0	0	0
YALANKA A.F	28.6	..	31.8	03	19.1	..	18.0	24	38.2	201.4	..	40.6	24	11	..	..	..	..	0	16	0	0	[illegible]	0	0	0	0
KERALA																											
CALICUT	29.0	-0.5	31.2	29	23.6	-0.1	22.4	09	67.9	289.8	+ 49.8	37.3	12	[illegible]	[illegible]	[illegible]	5.2	-3.5	0	20	0	0	[illegible]	0	[illegible]	[illegible]	0
PALGHAT	29.7	-0.6	32.0	30	23.1	0.0	21.8	12	68.2	147.8	+ 0.6	29.2	12	[illegible]	[illegible]	[illegible]	21.3	-0.6	0	17	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0
FORT COCHIN	28.8	+0.5	30.4	26	22.9	-1.3	21.8	12	71.7	335.0	+ 90.9	81.4	28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	23	0	0	5	0	[illegible]	0	0
COCHIN (NAVAL AIR STATION)	29.2	..	30.5	26	23.7	..	22.8	16	76.1	302.9	..	53.1	28	[illegible]	..	11.3	[illegible]	..	0	23	0	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALLEPPEY	29.1	-0.3	30.6	26	23.9	+0.2	23.3	28	99.0	306.4	+ 10.4	65.4	29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	0	0	4	[illegible]	[illegible]	[illegible]	[illegible]
PUNALUR	30.8	-0.1	33.6	04	22.1	-0.6	20.9	07	72.2	384.8	+175.4	124.2	09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	19	0	0	0	[illegible]	[illegible]	[illegible]	[illegible]
TRIVANDRUM	29.3	-0.6	30.6	08	22.8	-0.5	21.7	10	82.8	343.7	+205.8	140.4	09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	19	0	0	4	0	[illegible]	0	0
TRIVANDRUM AERODRUME	28.9	-0.7	30.3	14	23.3	-0.3	20.6	09	..	343.0	+180.0	160.8	09	12	[illegible]		[illegible]	[illegible]	2	17	0	0	4	0	0	0	0
ARABIAN SEA ISLANDS																											
AMINI	29.5	-0.3	31.0	02	24.6	-0.9	23.3	15	79.3	197.7	+ 48.1	54.1	08	15	+ 4.8	24.9	23.3	+4.0	0	21	0	0	3	0	0	0	0
AGATTI	28.3	..	30.2	27	..	..	..	..	48.1	175.1	..	38.5	08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	19	0	0	2	0	0	0	0
ANDROTH	29.7	..	31.0	02	24.4	..	22.7	13	102.2	158.8	..	36.1	23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	0	0	[illegible]	0	0	0	0
MINICOY	29.2	-0.3	30.1	24	23.5	-1.6	21.6	19	63.7	238.0	+ 79.8	36.3	08	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	[illegible]	0	0	4	0	0	0	0
HILL STATIONS (EXCLUDING KASHMIR)																											
DALHOUSIE	25.0	+2.0	28.0	14	15.7	+0.3	13.6	19	0.0	23.9	-205.7	11.0	17	[illegible]	- 0.1	..	..	..	0	[illegible]	..	..	..	..	..	..	..
DHARMASALA	28.4	+2.1	29.9	11	19.1	-0.3	16.3	19	34.1	85.3	-442.6	26.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	6	0	0	4	0	0	0	0
BHUNTAR	32.3	..	34.0	14	17.2	..	11.4	30	0.0	17.7	..	17.4	11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	0	7	0	0	0	0
SIMLA	21.9	+1.9	23.6	03	13.9	+0.1	11.3	19	40.2	57.4	-125.0	30.1	19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	0	0	0	0	0	0
DHARMPUR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
GHANGARIA (KANJALIA TOK)	18.7	..	22.0	03	9.1	..	7.6	23	..	70.2	..	28.2	30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	..	..	..	..	..	..	..	..	..
BADRINATH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
JOSHIMATH	25.4	+1.9	28.0	11	15.0	-0.5	11.4	29	7.0	99.9	- 93.4	49.4	15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	4	0	0	0	1	0	0	0
MUSSOORIE	20.8	+0.9	26.1	14	13.3	-1.0	11.2	30	88.0	167.0	-180.6	63.0	21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	7	0	0	3	3	0	0	0
MUKTESHAR (KUMAUN)	22.2	+2.3	26.8	03	12.7	-0.4	9.6	19	44.2	120.4	- 81.3	[illegible]	19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	6	0	0	8	5	0	0	0
NAINITAL	21.5	+0.6	24.4	03	14.5	-0.3	11.5	30	120.9	214.4	-1[illegible]	43.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	10	0	0	0	0	0	0	0
KALIMPONG	25.5	+1.4	28.8	04	19.1	+0.3	17.2	30	64.6	284.0	- 26.2	72.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	21	0	0	0	0	0	0	0
DARJEELING	20.9	+1.0	24.0	01	12.5	-2.1	10.0	29	77.2	203.8	-241.7	40.8	17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	19	0	0	0	12	0	0	0
KOHIMA	26.7	+2.8	28.5	21	11.2	-7.4	7.5	30	0.0	8.0	-264.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	2	..	..	..	..	..	..	..
SHILLONG (C.S.O.)	23.5	-0.7	26.2	11	16.3	-0.3	15.0	30	150.5	170.2	-132.1	[illegible]	[illegible]	[illegible]	[illegible]	13.[illegible]	[illegible]	[illegible]	0	23	0	0	5	6	0	0	0
CHERRAPUNJI	23.6	+0.7	25.3	11	17.4	-0.7	16.0	30	139.3	506.8	-614.9	87.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8	26	0	0	0	20	0	0	0
ABU	26.7	+2.6	30.0	23	18.3	-0.1	15.0	05	21.2	26.6	-186.8	12.6	[illegible]	[illegible]	- 4.4	[illegible]	6.3	-1.3	0	4	0	0	1	0	0	0	0
AIJAL	26.7	+2.1	28.6	12	20.9	+1.9	17.2	09	55.5	241.0	- 98.0	64.0	09	[illegible]	- 4.2	..	..	..	0	21	0	0	0	0	0	0	0
PACHMARHI	26.6	+1.4	29.5	13	19.9	+0.8	17.5	30	126.2	458.6	+ 95.4	260.0	15	8	- 5.2	5.5	4.5	-1.7	0	10	0	0	6	0	0	0	0
MAHABALESHWAR	22.0	+1.7	27.2	28	15.8	+0.1	13.7	05	137.1	339.2	-358.6	74.4	22	17	- 5.3	8.3	9.2	-2.6	0	25	0	0	5	30	0	0	0
MERCARA	22.3	+0.3	25.6	26	15.7	-1.2	14.6	03	107.3	760.1	- 47.5	29.6	21	19	+ 0.1	10.1	9.9	-2.4	0	22	0	0	7	11	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena - No. of days with										
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.5 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
HILL STATIONS(EXCLUDING KASHMIR)																												
OOTACAMUND	18.6	+0.4	20.1	30	9.8	-0.6	7.6	01	05.0	135.2	- 3.5	35.6	24	12	+ 0.8	7.6	4.6	-1.9	0	17	0	0	2	0	0	0	0	0
COONOOR	22.3	+0.9	23.8	26	12.1	-1.7	8.9	04	..	113.6	+ 17.2	25.4	28	9	+ 1.8	..	..	..	0	16	0	0	0	0	0	0	0	0
KODAIKANAL	18.1	+0.4	20.6	28	11.3	0.0	9.6	05	157.4	230.4	+ 53.1	39.9	21	14	+ 2.3	10.3	11.2	-0.3	1	18	0	0	10	0	0	0	0	0
MANALI	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
NEPAL																												
KATMANDU	28.3	+0.2	31.5	03	18.9	+0.3	16.6	30	11.0	83.3	- 87.4	17.2	15	9	- 2.9	1.9	1.1	-0.2	1	17	0	0	9	3	0	0	0	0
SIKKIM																												
LACHEN	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
HYDROMETEOROLOGICAL OBSERVATORIES																												
DAMODAR CATCHMENT																												
TILAIYA	32.4	..	34.0	28	24.3	..	23.2	30	59.6	46.6	..	12.8	17	5	..	8.9	6.1	..	0	12	0	0	0	0	0	0	0	0
HAZARIBAGH	30.7	..	31.9	28	21.4	..	20.6	01	23.3	44.9	..	14.6	25	6	..	6.0	3.6	..	2	7	0	0	5	0	0	0	0	0
KONAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
BOKARO	34.8	..	37.0	09	26.1	..	23.4	13	30.0	59.6	..	23.6	13	5	..	3.8	3.3	..	0	6	0	0	0	0	0	0	0	0
MAITHON	35.6	..	39.4	20	23.6	..	22.5	30	30.8	84.9	..	20.3	05	6	..	..	..	..	0	9	0	0	6	0	0	0	0	0
RANGARH	33.2	..	34.6	30	22.5	..	21.0	04	51.6	134.5	..	49.0	17	7	..	4.4	3.1	..	0	8	0	0	0	0	0	0	0	0
PANCHET HILLS	33.8	..	36.3	08	25.8	..	25.1	04	52.1	74.9	..	14.2	12	8	..	5.6	3.8	..	0	11	0	0	0	0	0	0	0	0
DURGAPUR	33.9	..	36.8	01	24.6	..	22.0	28	100.2	120.4	..	67.0	28	7	..	14.6	15.2	..	0	10	0	0	0	0	0	0	0	0
MAHANADI CATCHMENT																												
GINABAHAR	32.3	..	35.0	03	22.5	..	20.9	17	..	110.1	..	56.2	17	7	..	..	..	..	0	8	0	0	5	0	0	0	0	0
HIRAKUD	33.8	..	35.9	04	25.5	..	23.2	12	44.4	131.7	..	39.4	12	8	..	3.4	3.9	..	0	11	0	0	13	0	0	0	0	0
BHIMKUND	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SONEPUR	33.1	..	35.7	05	25.7	..	23.6	12	..	139.5	..	64.0	16	6	..	.	0.1	..	0	9	0	0	0	0	0	0	0	0
KHIJRAWAN	31.1	..	33.1	29	23.8	..	21.1	23	170.3	297.7	..	157.3	13	7	..	7.7	5.8	..	1	13	0	0	9	0	0	0	0	0
NARMADA CATCHMENT																												
BAGRA TAWA	32.5	..	36.0	13	22.3	..	20.6	16	86.4	181.4	..	67.0	16	6	..	8.2	5.6	..	1	9	0	0	5	0	0	0	0	0
PUNASA	33.4	..	37.9	26	..	..	..	..	0.0	169.9	..	52.3	16	8	..	..	..	..	0	9	..	..	..	..	..	.	..	.
THIKRI	35.4	..	37.0	24	21.7	..	18.6	03	..	52.9	..	14.1	16	6	..	..	..	..	1	7	..	..	..	..	..	.	..	.
SABARMATI CATCHMENT																												
DAROI	36.1	..	40.0	22	24.6	..	22.8	01	0.0	2.5	..	1.3	30	0	..	..	..	..	1	2	0	0	0	0	0	0	0	0
GANDAK CATCHMENT																												
JAMOSOM	23.4	..	26.9	02	11.3	..	7.8	12	0.0	41.7	..	14.2	09	5	..	..	..	..	0	7	..	..	..	..	..	.	..	.
KHUDI BAZAR	28.3	..	30.2	02	21.2	..	17.9	30	24.6	408.4	..	46.4	06	20	..	..	..	..	0	24	..	..	..	..	..	.	..	.
TIMURE	25.1	..	28.7	02	16.1	..	12.6	19	12.9	116.2	..	15.4	29	11	..	..	..	..	0	22	..	..	..	..	..	.	..	.
POKHARA	28.6	..	30.8	02	21.0	..	19.1	30	30.7	828.9	..	127.3	15	20	..	4.9	4.0	..	0	24	0	0	13	0	0	0	1	0
GORKHA	27.5	..	30.0	02	18.7	..	16.5	18	18.2	173.7	..	56.6	15	11	..	..	..	..	1	14	0	0	3	20	0	0	0	0
NUWAKOT	29.1	..	35.5	02	20.8	..	18.5	30	17.8	240.6	..	73.0	11	13	..	..	..	..	0	14	..	..	..	..	..	.	..	.
GHAGHARA CATCHMENT(TRANS HIMALAYAN REGION)																												
DAILEKH	26.0	..	28.1	13	18.8	..	16.4	19	37.8	86.6	..	29.4	18	5	..	..	..	..	0	6	..	..	..	..	..	.	..	.
GHAGHARA CATCHMENT																												
SALLYANA	26.2	..	28.5	03	18.0	..	16.2	30	37.2	70.1	..	20.7	17	6	..	..	..	..	0	8	..	..	..	..	..	.	..	.
BUTWAL	32.7	..	34.9	04	24.8	..	22.9	28	70.6	399.8	..	100.0	15	14	..	..	..	..	0	14	..	..	..	..	..	.	..	.
BAGHMATI CATCHMENT																												
KATMANDU	SEE UNDER NEPAL				..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
KOSI CATCHMENT																												
CHAUTARA	..	..	..	..	17.7	..	14.9	30	47.5	525.4	..	83.0	08	16	..	..	..	..	0	19	..	..	..	..	..	.	..	.
WALUNGCHUNG GOLA	..	..	..	..	8.7	..	6.6	19	94.1	205.3	..	20.9	04	26	..	..	..	..	0	27	..	..	..	..	..	.	..	.
TAPLETHOK	25.8	..	31.1	01	17.8	..	16.5	29	89.7	402.4	..	51.4	04	25	..	..	..	..	0	25	..	..	..	..	..	.	..	.
BHOJPUR	22.3	..	25.6	12	17.6	..	16.4	30	34.9	173.4	..	32.2	04	11	..	..	..	..	0	18	..	..	..	..	..	.	..	.
TAPLEJUNG	23.2	..	26.1	02	16.7	..	15.0	29	51.3	295.1	..	33.0	14	22	..	4.3	2.8	..	0	27	0	0	0	16	0	0	0	0
OKHALDHUNGA	23.1	..	27.5	12	16.2	..	14.2	30	26.6	292.5	..	45.4	04	18	..	1.0	1.1	..	0	25	0	0	1	21	0	0	0	0
CHAINPUR	27.0	..	29.8	03	19.2	..	15.1	28	48.7	345.2	..	95.9	27	13	..	..	..	..	0	16	..	..	..	..	..	.	..	.
BARAHAKSHETRA	29.9	..	33.5	09	23.0	..	21.8	30	164.8	709.7	..	214.6	25	18	..	5.6	3.0	..	0	22	0	0	10	0	0	0	0	0
TISTA CATCHMENT																												
GANGTOK	22.6	..	27.5	01	15.7	..	13.8	27	95.8	600.9	..	91.2	25	24	..	3.4	2.6	..	0	28	0	0	0	22	0	0	0	0
GEZING	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — SEPTEMBER,1968 (BHADRA 10 - ASVINA 8,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	Wind Speed (Km. p. h.) 62 or more	Wind Speed (Km. p. h.) 20 to 61	Wind Speed (Km. p. h.) 1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BAY ISLANDS																											
MAYA BANDAR	0830	28	1009.3	1006.1	+0.0	26.6	25.3	24.7	31.1	90	+ 4	6.2	+0.4	8.5	0	4	19	00	1	0	0	0	17	5	0	7	0
	1730	28	1006.7	1003.6	-0.2	25.8	24.8	24.4	30.5	93	+ 5	6.4	+0.3	8.3	0	3	21	00	1	0	0	0	18	5	0	6	0
LONG ISLAND	0830	25	1009.7	1006.9	+0.4	27.4	25.4	24.5	30.7	85	- 1	6.0	-0.2	2.2	0	0	27	00	0	0	0	0	26	0	1	3	0
	1730	25	1007.5	1004.6	+0.5	26.2	24.6	23.9	29.7	88	+ 1	6.7	+0.4	1.5	0	0	21	00	1	0	0	0	20	0	0	9	0
PORT BLAIR	0530	79	1008.0	999.0	..	24.7	23.8	23.3	28.6	93	..	6.4	..	12.1	0	8	12	00	0	0	0	1	16	3	0	10	0
	0830	79	1009.7	1000.8	+0.5	26.9	24.9	24.0	29.8	85	+ 1	6.4	-0.3	17.0	0	13	14	00	0	0	1	2	19	5	0	3	0
	1130	79	1008.6	999.7	..	27.4	25.0	23.9	29.7	82	..	6.8	..	20.4	0	14	15	00	0	1	3	2	18	5	0	1	0
	1430	79	1006.7	997.9	..	27.2	24.9	23.9	29.7	82	..	6.6	..	18.8	0	13	17	00	0	1	1	4	18	4	2	0	0
	1730	79	1007.3	998.4	+0.2	26.0	24.4	23.7	29.3	88	- 1	6.3	-0.6	14.1	0	10	18	00	0	1	0	1	23	2	1	2	0
	2030	79	1009.5	1000.5	..	25.2	24.1	23.5	28.9	91	..	5.0	..	11.7	0	8	17	00	0	0	0	1	19	3	2	5	0
	2330	79	1008.9	999.9	..	25.2	24.1	23.5	28.9	91	..	5.5	..	12.9	0	10	12	00	0	0	0	0	18	4	0	8	0
CAR NICOBAR	0830	10	1009.9	1008.7	+0.0	28.2	25.4	24.2	30.2	79	- 4	6.4	+0.1	4.1	0	0	21	00	0	0	0	0	19	2	0	9	0
	1730	10	1007.8	1006.5	+0.1	26.4	24.5	23.7	29.3	85	- 4	7.3	+1.3	1.9	0	0	16	00	0	0	0	0	15	1	0	14	0
NAN COWRY	0830	26	1011.0	1008.1	+0.4	27.5	25.6	24.7	31.1	85	+ 2	5.1	-1.0	12.8	0	3	27	00	0	0	0	0	30	0	0	0	0
	1730	26	1008.7	1005.8	+0.5	26.5	25.0	24.3	30.4	88	+ 3	6.1	+0.0	11.3	0	2	28	00	0	0	0	1	28	1	0	0	0
KONDUL	0830	8	1011.8	1010.9	+1.0	27.3	25.1	24.1	30.0	82	- 1	6.8	+0.5	10.9	0	6	20	00	0	0	0	0	26	0	0	4	0
	1730	8	1009.3	1008.5	+1.2	26.9	24.9	24.0	29.8	85	- 2	6.9	+0.6	8.2	0	4	14	00	0	0	0	0	18	0	0	12	0
NORTH ASSAM(INCLUDING NEFA)																											
PASIGHAT	0830	157	1007.7	990.0	+0.5	25.9	24.1	23.3	28.6	86	+ 6	7.0	+1.6	2.1	0	0	23	06	0	1	3	0	2	0	11	7	0
	1730	157	1004.1	986.5	+1.0	26.5	25.1	24.5	30.7	88	+ 3	6.0	+1.7	1.3	0	0	11	03	2	1	0	0	0	0	5	19	0
DIBRUGARH(MOHANBARI)	0230	111	1005.4	992.8	..	24.9	24.3	24.0	30.7	95	..	6.9	..	3.3	0	0	13	02	10	1	0	0	0	0	0	17	0
	0530	111	1006.1	993.5	..	24.4	24.1	24.0	29.8	97	..	7.4	..	2.8	0	0	15	05	2	4	0	2	0	2	0	15	0
	0830	111	1007.9	995.3	+0.5	25.8	24.7	24.3	30.4	92	+ 8	7.4	+1.1	3.3	0	0	21	03	6	5	2	0	2	3	0	9	0
	1130	111	1006.6	994.1	..	27.6	25.4	24.4	30.5	84	..	7.0	..	5.2	0	0	25	10	9	2	0	2	1	0	1	5	0
	1430	111	1003.6	991.3	..	29.1	25.9	24.6	30.9	77	..	6.1	..	6.0	0	0	27	05	7	7	3	0	3	0	2	3	0
	1730	111	1003.8	991.4	+1.0	27.4	25.5	24.7	31.1	85	+ 4	6.0	+1.1	2.4	0	0	13	01	4	4	1	2	0	0	1	17	0
	2030	111	1006.1	993.6	..	25.7	24.8	24.4	30.4	92	..	5.9	..	2.8	0	0	15	02	5	4	1	1	1	1	0	15	0
	2330	111	1006.3	993.8	..	25.0	24.4	24.1	30.0	95	..	6.1	..	3.3	0	0	13	02	11	0	0	0	0	0	0	17	0
DIGBOI	0830	152	1008.2	991.0	+0.7	26.8	25.4	24.8	31.3	89	+ 5	6.6	+0.6	2.6	0	0	30	02	9	6	2	3	1	4	3	0	0
	1730	152	1004.5	987.4	+0.7	28.3	26.1	25.2	32.0	83	+ 6	5.3	-0.2	2.0	0	0	25	01	3	10	4	2	1	4	0	5	0
NORTH LAKHIMPUR	0830	102	1007.8	996.2	+0.7	26.8	25.3	24.7	31.1	88	+ 4	7.1	+1.3	5.7	0	1	27	07	13	2	0	5	1	0	0	2	0
	1130	102	1006.6	995.2	..	28.5	25.9	24.8	31.3	81	..	6.4	..	7.5	0	1	27	08	7	4	1	6	2	0	0	2	0
	1430	102	1004.0	992.6	..	29.4	26.2	24.8	31.3	77	..	5.9	..	6.6	0	1	28	03	9	0	4	8	2	3	0	1	0
	1730	102	1003.9	992.5	+1.1	27.6	26.0	25.3	32.2	88	+ 3	5.5	+0.7	3.7	0	0	20	07	5	1	0	5	1	1	0	10	0
	2030	102	1005.8	994.3	..	26.2	25.5	25.2	32.1	94	..	5.7	..	1.5	0	0	11	06	2	0	0	1	1	1	0	19	0
SIBSAGAR	0830		(R)																								
	1730		(R)																								
GOHPUR	0830	83	1007.4	998.2	..	27.2	25.7	25.0	31.7	88	+ 0	6.1	..	2.0	0	0	21	01	2	11	0	0	1	2	0	9	4
	1730	83	1003.2	993.9	..	28.0	26.1	25.3	32.2	84	+ 0	4.7	..	1.5	0	0	19	00	2	1	0	2	0	6	0	11	8
MAJBAT	0830		..	..	..	27.2	25.4	24.6	30.9	86	..	3.9	-1.5	0.7	0	0	7	00	5	0	0	0	2	0	0	23	0
	1730		..	..	..	28.0	25.8	24.9	31.5	82	..	3.2	-1.7	0.5	0	0	6	00	0	0	0	0	6	0	0	24	0
JORHAT AERODROME	0530	90	1005.8	995.6	..	25.1	24.7	24.5	30.7	94	..	6.4	..	2.3	0	0	8	00	1	1	0	0	5	1	0	22	0
	0830	90	1007.4	997.7	..	27.5	25.7	24.9	31.5	86	..	6.6	..	6.3	0	0	22	01	7	2	2	0	7	1	2	8	0
	1130	90	1006.1	996.0	..	29.5	26.7	25.6	32.8	79	..	6.3	..	11.1	0	5	23	04	4	3	3	0	5	6	3	2	0
	1730	90	1003.4	993.3	..	27.9	26.3	25.6	32.8	87	..	5.6	..	3.5	0	0	13	02	5	0	0	0	4	1	1	17	0
	2330	90	1006.0	995.9	..	26.0	25.4	25.1	31.9	95	..	6.1	..	3.8	0	1	8	01	1	2	2	0	3	0	0	21	0
TANGLA	0830	78	1006.4	997.7	+0.6	27.9	25.8	24.9	31.5	84	+ 1	5.7	+1.2	3.0	0	0	20	00	0	7	2	6	0	4	1	9	0
	1730	78	1002.4	993.7	+0.7	28.5	26.1	25.1	31.9	82	+ 1	4.2	+0.6	2.2	0	0	12	00	0	4	1	2	1	4	0	17	0
TEZPUR	0830	79	1007.6	998.8	+0.0	27.0	25.6	25.0	31.7	89	+ 3	6.1	+0.2	3.1	0	0	26	00	17	0	1	0	0	0	0	3	0
	1730	79	1003.1	994.3	-0.2	28.6	26.6	25.8	33.2	85	+ 3	3.4	-1.1	1.6	0	0	11	00	5	0	0	1	4	0	1	18	0
GOLAGHAT	0830	95	1006.9	996.1	+0.2	27.5	25.6	24.7	31.1	85	+ 1	4.8	-1.5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730	95	1002.5	991.7	+0.8	29.2	26.4	25.2	32.0	79	+ 0	5.0	-0.4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
RANGIA	0830	60	1008.2	1001.4	..	28.7	26.2	25.1	31.9	82	+ 2	6.9	..	3.9	0	0	23	02	3	9	1	0	1	5	2	7	0
	1730	60	1005.0	998.1	..	29.4	26.6	25.4	32.4	81	+ 3	5.8	..	3.4	0	0	25	04	0	3	0	1	2	13	2	4	0
CHAPARMUKH	0830	66	1007.8	1000.5	+0.6	28.3	26.0	25.1	31.9	83	+ 2	5.6	+0.5	3.1	0	0	24	00	1	3	17	2	0	0	1	3	0
	1730	66	1003.8	996.4	+1.0	28.5	26.6	25.9	33.4	85	+ 4	5.3	+0.9	2.0	0	0	11	00	1	1	6	2	0	0	1	10	0
GOALPARA	0830	38	1005.7	1001.5	+0.2	26.9	26.0	25.7	33.0	91	+ 6	6.4	+0.9	1.8	0	0	27	03	0	6	1	8	1	6	0	3	0
	1730	38	1002.8	998.5	+1.0	28.9	27.9	27.5	36.7	90	+13	5.9	+0.8	1.7	0	0	25	02	0	11	0	7	0	5	0	5	0
GAUHATI(BHORJOR)	0230	54	1004.8	998.6	..	25.5	25.0	24.7	31.1	95	..	4.9	..	1.3	0	0	6	00	0	0	0	3	3	0	0	24	0
	0530	54	1005.5	999.3	..	25.2	24.7	24.5	30.7	95	..	6.2	..	1.3	0	0	8	00	2	1	0	4	2	0	0	22	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gpm. of normal standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
NORTH ASSAM (INCLUDING NEFA) (CONTD)																											
GAUHATI (BHORJOR)	0830	54	1007.2	1001.1	+0.0	28.0	25.9	25.1	31.9	86	+ 1	6.1	+0.2	3.0	0	0	17	02	8	2	1	3	1	0	0	13	0
	1130	54	1006.1	1000.0	..	30.0	26.5	25.1	31.9	75	..	6.3	..	7.5	0	0	29	06	7	0	0	1	1	11	3	1	0
	1430	54	1003.3	997.3	..	30.1	26.3	24.7	31.1	74	..	6.4	..	6.3	0	1	20	02	1	0	2	1	3	7	5	9	0
	1730	54	1003.5	997.4	+0.1	28.3	25.9	24.9	31.5	87	- 2	6.5	+0.8	3.3	0	0	15	01	0	1	0	3	5	3	2	15	0
	2030	54	1006.0	999.8	..	26.7	25.7	25.3	32.2	91	..	5.0	..	1.7	0	0	6	00	0	0	0	2	3	1	0	24	0
	2330	54	1006.0	999.9	..	26.0	25.2	24.9	31.5	93	..	5.8	..	2.7	0	0	9	00	0	1	0	4	3	0	1	21	0
DHUBRI (RUPSI)	0530	45	1005.3	1000.2	..	25.0	24.6	24.4	30.6	96	..	6.6	..	3.3	0	0	18	02	11	2	1	1	1	0	0	12	0
	0830	45	1006.9	1001.8	+1.3	27.4	25.8	25.1	31.9	88	+ 4	7.0	+1.3	5.1	0	0	27	02	7	5	6	2	3	0	2	3	0
	1130	45	1006.1	1001.0	..	28.6	26.2	25.2	32.1	83	..	6.4	..	6.3	0	0	27	02	3	8	5	1	8	0	0	3	0
	1730	45	1003.1	998.0	+1.3	28.2	26.5	25.8	33.2	87	+ 3	6.4	+1.4	2.1	0	0	14	00	1	3	1	3	6	0	0	16	0
DHUBRI	0830		..	..	..	27.3	25.8	25.2	32.1	88	+ 2	6.1	+0.8	4.3	0	0	24	02	11	4	4	1	1	0	1	6	0
	1730		..	..	..	28.1	26.0	25.3	31.9	85	+ 0	5.6	+0.4	0.5	0	0	7	00	2	2	2	0	1	0	0	23	0
LUMDING	0830	149	1008.2	991.1	..	27.1	25.3	24.5	30.7	86	+ 4	4.6	..	0.1	0	0	2	00	0	2	0	0	0	0	0	28	0
	1730	149	1004.0	987.5	..	29.0	25.9	24.6	30.9	78	..	5.4	..	0.8	0	0	10	00	0	1	0	2	1	3	3	20	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																											
TURA	0830	370	1008.2	966.8	+0.2	25.9	24.3	23.6	29.1	86	- 2	7.2	+1.0	3.4	0	0	23	01	1	5	3	6	5	2	0	6	0
	1730	370	1004.3	963.2	-0.2	26.7	24.8	24.0	29.8	86	+ 1	7.3	+0.6	2.3	0	0	22	00	0	2	5	6	4	4	1	8	0
HAFLONG	0830	682	1007.0	932.2	+0.4	24.3	22.8	22.0	26.4	88	+ 2	5.9	+0.5	2.3	0	0	30	00	0	0	0	5	25	0	0	0	0
	1730	682	1003.0	928.7	+0.5	25.1	22.7	21.5	25.6	82	+ 0	4.9	-0.5	2.3	0	0	30	00	0	0	0	5	25	0	0	0	0
SILCHAR (KUMBHIRGRAM)	0530	97	1004.9	994.0	..	24.3	23.7	23.4	28.8	95	..	6.8	..	3.0	0	0	15	00	3	11	0	0	1	0	0	15	0
	0830	97	1006.6	995.7	+0.0	26.5	24.8	24.0	29.8	86	+ 2	6.7	+1.0	4.1	0	0	20	00	2	16	2	0	0	0	0	10	0
	1130	97	1005.3	994.5	..	28.9	25.8	24.4	30.6	78	..	6.6	..	6.7	0	0	28	01	0	8	1	2	2	11	1	2	2
	1730	97	1002.6	991.8	+0.9	28.1	25.7	24.7	31.1	82	+ 1	6.3	+1.2	1.9	0	0	10	01	1	4	0	0	1	3	0	20	0
SILCHAR	0830	29	1007.7	1004.4	+0.1	27.0	25.6	25.0	31.7	89	+ 4	6.3	+0.2	0.4	0	0	5	00	1	2	0	1	0	1	0	25	0
	1730	29	1003.6	1000.3	+0.1	29.0	26.3	25.2	32.0	80	- 2	5.4	-0.1	0.5	0	0	6	00	1	1	1	1	0	1	1	24	0
IMPHAL (TULIHAL)	0530	781	1007.9	921.8	..	21.4	20.9	20.7	24.4	95	..	6.8	..	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	0830	781	1008.6	923.5	+0.5	24.8	22.3	21.0	24.9	81	+ 0	6.6	+0.5	1.6	0	0	6	00	1	0	2	2	0	0	1	24	0
	1130	781	1006.5	922.2	..	27.3	23.0	21.1	25.0	69	..	6.2	..	5.5	0	0	16	00	1	1	4	4	1	1	4	14	0
	1430	781	1004.0	919.9	..	27.0	23.0	21.0	24.9	71	..	6.3	..	5.9	0	1	15	00	0	0	2	7	0	2	5	14	0
	1730	781	1004.4	919.7	+2.1	25.0	22.2	20.9	24.7	78	- 2	6.2	+0.6	2.7	0	0	9	00	0	1	0	2	0	1	5	21	0
	2030	781	1007.6	922.2	..	23.3	21.7	20.9	24.7	87	..	5.6	..	0.8	0	0	3	00	0	0	0	0	1	0	2	27	0
	2330	781	1008.1	922.4	..	22.3	21.5	21.0	24.9	92	..	5.4	..	0.4	0	0	1	00	0	0	0	0	0	0	1	29	0
KAILASHAHAR	0530	29	1006.9	1003.6	..	25.1	24.9	24.8	31.3	97	..	5.9	..	3.3	0	0	19	01	1	0	1	13	2	1	0	11	0
	0830	29	1008.5	1005.3	+1.5	27.8	26.2	25.5	32.6	88	+ 5	6.1	-0.2	6.1	0	0	26	02	2	1	4	13	4	0	0	4	0
	1130	29	1007.3	1004.1	..	30.0	26.7	25.3	32.2	77	..	6.6	..	6.9	0	0	28	03	3	5	2	6	4	2	3	2	0
	1730	29	1004.6	1001.4	+1.7	28.3	26.6	25.9	33.4	87	+ 4	6.1	-0.2	3.5	0	0	24	01	4	2	3	7	3	3	1	6	0
AGARTALA	0230	16	1004.5	1002.7	..	25.5	25.0	24.7	31.1	95	..	5.3	..	6.3	0	0	22	01	1	0	10	9	1	0	0	8	0
	0530	16	1005.2	1003.4	..	25.3	24.8	24.6	30.9	96	..	6.1	..	7.2	0	0	26	00	1	3	16	6	0	0	0	4	0
	0830	16	1006.9	1005.1	+1.3	28.5	26.5	25.7	33.0	85	- 1	6.2	-0.2	11.3	0	1	28	00	1	1	10	13	3	0	1	1	0
	1130	16	1005.8	1004.0	..	30.8	27.2	25.7	33.0	75	..	6.4	..	11.1	0	0	30	03	0	1	6	6	9	3	2	0	0
	1430	16	1003.1	1001.3	..	30.6	27.0	25.5	32.6	75	..	6.2	..	11.1	0	1	28	03	0	4	5	6	3	4	4	1	0
	1730	16	1003.2	1001.4	+0.9	28.3	26.4	25.6	32.8	86	+ 1	6.1	-0.2	7.0	0	0	27	03	3	2	7	8	2	2	0	3	0
	2030	16	1005.6	1003.8	..	26.8	25.7	25.3	32.2	92	..	5.2	..	5.5	0	0	22	00	1	2	13	6	0	0	0	8	0
	2330	16	1005.7	1003.9	..	25.9	25.2	24.9	31.5	94	..	5.3	..	6.3	0	1	22	00	1	0	12	10	0	0	0	7	0
SUB-HIMALAYAN WEST BENGAL																											
BAGHDOGRA	0230	131	1005.1	990.3	..	25.3	24.5	23.8	29.5	93	..	7.5	..	5.7	0	0	19	03	6	5	0	2	0	2	1	11	0
	0530	131	1005.3	990.4	..	24.8	24.2	23.9	29.7	94	..	7.4	..	6.3	0	0	20	04	7	8	0	0	1	0	0	10	0
	0830	131	1006.7	992.0	+0.4	27.1	25.3	24.5	30.7	86	+ 5	7.0	+1.2	11.4	0	0	30	00	14	13	3	0	0	0	0	0	0
	[illegible]	131	1006.2	991.5	..	29.5	26.6	25.4	32.4	79	..	6.4	..	14.1	0	0	30	00	7	9	7	3	3	1	0	0	0
	1430	131	1003.2	988.7	..	30.5	26.9	25.4	32.4	75	..	6.6	..	13.8	0	0	30	02	3	8	7	3	5	1	1	0	0
	1730	131	1003.2	988.5	+0.3	27.9	26.0	25.2	32.0	86	+ 4	6.7	+1.2	9.4	0	0	24	02	8	6	2	2	3	0	1	6	0
	2030	131	1005.6	990.8	..	26.5	25.3	24.8	31.3	90	..	6.3	..	7.6	0	0	23	02	8	10	1	0	1	0	1	7	0
	2330	131	1005.9	991.1	..	25.7	24.8	24.4	30.5	92	..	7.2	..	6.7	0	0	21	05	8	4	1	0	1	1	1	9	0
JALPAIGURI	0830	83	1006.9	997.5	+0.2	25.9	24.6	24.1	30.0	90	+ 3	6.0	+0.6	3.1	0	0	25	08	9	7	1	0	0	0	0	5	0
	1730	83	1003.0	993.8	+0.3	28.3	25.9	24.9	31.5	83	+ 4	5.1	+0.3	2.2	0	0	19	07	4	1	3	1	0	2	1	11	0
COOCH BEHAR AERODROME	0830	43	1007.3	1002.5	+1.0	27.0	25.7	25.1	31.9	90	+ 8	6.4	+0.7	5.6	0	0	24	01	3	13	3	1	0	1	1	6	1
	1130	43	1006.5	1001.7	..	28.9	26.4	25.3	32.2	83	..	6.4	..	7.5	0	0	25	02	1	13	3	4	0	1	0	5	1
	1730	43	1003.7	998.9	+1.2	28.2	26.4	25.7	33.0	87	+ 6	5.9	+0.5	1.7	0	0	8	00	2	3	0	2	0	1	0	22	0
BALURGHAT	0830	26	1006.2	1003.3	..	29.2	26.2	24.9	31.5	78	..	3.8	..	1.8	0	0	17	00	1	5	4	5	2	0	0	13	0
	1730	26	1002.6	999.7	..	29.6	26.6	25.4	32.4	78	..	4.4	..	1.3	0	0	10	00	1	4	4	0	1	0	0	20	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mb. At mean sea level or ht. in gpm. of normal standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mb.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SUB HIMALAYAN WEST BENGAL (CONTD.)																											
MALDA	0830	31	1006.3	1002.8	+0.4	29.6	26.4	25.1	31.9	77	- 5	4.2	-1.5	1.9	0	0	23	01	0	4	4	9	3	1	1	7	0
	1730	31	1002.7	999.2	+0.3	29.5	26.1	24.7	31.1	77	- 3	4.9	-0.7	1.0	0	0	12	00	2	4	3	1	1	0	1	18	0
GANGETIC WEST BENGAL																											
BERHAMPORE	0830	19	1006.5	1004.4	+1.0	28.7	27.0	26.3	34.2	86	+ 5	5.5	-0.4	3.1	0	0	30	02	0	7	0	14	1	6	0	0	0
	1730	19	1002.9	1000.8	+0.9	29.4	26.6	25.4	32.4	81	+ 1	6.2	+0.2	1.9	0	0	21	00	0	8	1	9	1	1	1	9	0
SURI	0830		..	..	..	31.0	26.5	24.5	30.7	69	-14	2.9	-2.9	5.1	0	0	30	02	1	3	5	13	1	5	0	0	0
ASANSOL	0230	126	1003.9	989.7	..	26.3	25.1	24.6	30.9	90	..	3.5	..	2.8	0	0	15	00	1	4	3	4	2	1	0	15	0
	0530	126	1004.4	990.2	..	26.0	24.9	24.5	30.7	91	..	3.9	..	2.3	0	0	14	00	0	4	2	6	1	0	1	16	0
	0830	126	1005.7	991.7	+0.6	30.1	26.3	24.7	31.1	73	-10	3.7	-2.0	4.4	0	0	28	01	2	4	3	7	4	4	3	2	0
	1130	126	1005.1	991.1	..	32.9	27.0	24.5	30.7	62	..	4.8	..	4.7	0	0	23	01	1	2	5	5	3	3	3	7	0
	1430	126	1002.2	988.3	..	33.8	26.9	23.9	29.7	58	..	5.2	..	6.1	0	0	28	05	2	1	5	5	3	2	5	2	0
	1730	126	1002.4	988.4	+0.8	30.2	26.2	24.5	30.7	72	- 8	6.0	-0.3	5.1	0	0	24	01	1	4	6	9	2	0	1	6	0
	2030	126	1004.7	990.6	..	27.8	25.5	24.5	30.7	83	..	4.8	..	3.6	0	0	19	00	1	4	6	7	0	0	1	11	0
	2330	126	1005.2	991.1	..	27.0	25.3	24.5	30.7	87	..	4.3	..	2.6	0	0	13	00	1	1	4	5	2	0	0	17	0
SHANTI NIKETAN	0830	59	1006.5	999.9	..	29.5	26.7	25.5	32.6	80	..	4.1	..	5.2	0	0	24	01	0	3	7	6	4	2	1	6	0
	1130	59	1006.2	999.6	..	31.4	25.2	22.3	26.9	60	..	4.1	..	3.2	0	0	20	00	1	2	4	11	2	0	0	10	0
	1730	59	1003.0	996.4	..	29.6	26.4	25.1	31.9	78	..	6.2	..	4.0	0	0	20	03	0	2	5	9	1	0	0	10	0
KRISHNANAGAR	0830	15	1006.1	1004.5	+0.5	30.2	27.3	26.1	33.8	79	- 4	3.0	-2.9	2.7	0	0	20	00	0	2	4	14	0	0	0	10	0
	1730	15	1003.7	1002.1	+1.4	30.4	26.8	25.3	32.2	74	- 9	4.4	-1.8	0.7	0	0	9	00	0	0	3	6	0	0	0	21	0
PURULIA	0830	255	1006.1	977.9	+0.8	28.6	25.4	24.0	29.8	76	- 6	3.5	-2.0	5.0	0	0	26	00	2	4	7	3	4	3	3	4	0
	1730	255	1002.3	974.4	+0.6	30.6	25.6	23.4	28.8	66	-13	6.0	-0.6	4.9	0	0	29	00	4	5	10	3	1	2	4	1	0
BANKURA	0830	100	1005.5	994.3	..	29.3	26.3	25.0	31.7	78	..	2.0	..	1.0	0	0	9	00	1	3	2	1	1	1	0	21	0
	1730	100	1002.4	991.2	..	30.0	26.0	24.3	30.4	73	..	2.3	..	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
BURDWAN	0830	32	1006.4	1002.8	+1.0	30.0	26.8	25.5	32.6	76	- 7	2.2	-2.6	6.7	0	0	30	00	1	9	2	6	5	5	2	0	0
	1730	32	1002.8	999.2	+0.8	30.8	26.9	25.3	32.2	74	- 6	4.4	-1.0	6.7	0	1	24	00	2	5	4	7	4	3	0	5	0
CALCUTTA (DUM DUM)	0230	6	1004.2	1003.5	..	27.4	26.4	26.0	33.6	92	..	4.0	..	6.0	0	0	23	00	0	3	2	14	3	1	0	7	0
	0530	6	1004.7	1004.0	..	27.0	26.2	25.9	33.4	94	..	5.2	..	4.9	0	0	20	00	3	2	3	8	3	1	0	10	0
	0830	6	1006.2	1005.5	+0.6	29.8	27.0	25.9	33.4	80	- 1	5.4	-0.7	8.6	0	0	30	00	2	2	6	9	6	4	1	0	0
	1130	6	1005.5	1004.8	..	31.2	27.0	25.3	32.2	71	..	6.1	..	10.5	0	2	27	01	2	4	4	9	6	2	1	1	0
	1430	6	1003.0	1002.3	..	31.1	26.8	25.1	31.9	71	..	6.5	..	10.1	0	1	28	01	1	4	5	11	4	2	1	1	0
	1730	6	1003.0	1002.3	+0.8	29.7	26.6	25.3	32.2	78	- 3	6.8	+0.3	7.1	0	2	20	00	0	2	5	12	3	0	0	8	0
	2030	6	1005.2	1004.5	..	28.2	26.5	25.8	33.2	87	..	4.9	..	8.1	0	0	24	00	0	3	7	10	4	0	0	6	0
	2330	6	1005.4	1004.7	..	27.7	26.5	26.0	33.6	91	..	4.2	..	3.7	0	0	28	00	1	1	6	16	4	0	0	2	0
CALCUTTA	0830	6	1006.2	1005.5	+0.7	30.7	27.2	25.7	33.0	75	- 9	5.1	-0.8	8.7	0	0	30	00	2	2	7	7	9	3	0	0	0
	1130	6	1005.5	1004.8	..	31.8	26.9	24.9	31.5	69	..	6.0	..	9.3	0	0	29	02	1	2	5	7	7	3	2	1	[illegible]
	1730	6	1003.0	1002.3	+0.8	29.9	26.3	24.8	31.3	75	- 7	6.6	+0.2	6.6	0	0	29	01	1	2	9	13	2	1	0	1	[illegible]
MIDNAPORE	0830	45	1005.2	1000.1	-0.1	29.2	26.2	24.9	31.5	78	- 5	2.8	-2.6	1.9	0	0	25	02	3	0	3	7	9	0	1	5	0
	1730	45	1002.6	997.5	+0.6	29.4	26.0	24.5	30.7	76	- 6	5.5	-0.4	2.1	0	0	20	00	3	2	3	6	6	0	0	10	0
CONTAI	0830	11	1005.8	1004.6	+0.9	29.8	27.1	26.0	33.6	80	- 4	4.6	-0.7	1.0	0	2	28	03	2	1	7	10	3	3	1	0	0
	1730	11	1002.8	1001.6	+0.9	29.0	26.9	26.0	33.6	84	- 1	6.1	+1.0	8.5	0	3	27	01	1	2	8	16	2	0	0	0	0
SAGAR ISLAND	0830	3	1005.5	1005.2	+0.5	29.5	27.3	26.4	34.4	84	+ 2	5.1	-0.8	16.3	0	10	20	02	3	3	3	8	10	1	0	0	0
	1730	3	1002.6	1002.3	+0.5	29.0	27.0	26.2	34.0	85	+ 2	5.9	+0.0	17.5	0	11	19	00	4	2	5	12	7	0	0	0	0
SANDHEADS	0530	10	1004.3	1003.2	..	28.8	26.6	25.7	33.0	84	..	6.0	..	18.7	0	11	18	00	1	1	5	5	13	4	0	1	0
	0830	10	1007.0	1006.0	+1.7	29.7	26.9	25.8	33.2	79	- 2	4.8	-0.7	19.7	0	9	21	00	3	2	3	6	11	4	1	0	0
	1130	10	1006.3	1005.2	..	30.3	27.0	25.7	33.0	77	..	5.1	..	19.3	1	6	22	00	3	2	4	4	10	6	0	1	0
	1730	10	1003.1	1001.9	+0.5	29.3	26.6	25.5	32.6	79	- 3	6.3	+0.9	19.9	0	13	17	00	0	2	9	6	13	0	0	0	0
	2330	10	1006.0	1004.9	..	29.1	26.7	25.7	33.0	80	..	1.3	..	24.2	0	18	12	00	2	2	2	10	13	1	0	0	0
ORISSA																											
BARIPADA	0830	54	1006.7	1000.6	+1.5	28.8	26.2	25.1	31.9	81	- 2	4.1	-1.5	2.6	0	0	20	04	5	0	3	5	2	1	0	10	0
	1730	54	1003.6	997.5	+1.4	28.9	26.4	25.3	32.2	81	- 4	6.6	+0.5	1.1	0	0	9	00	0	2	3	2	1	1	0	21	0
JHARSUGUDA	0230	230	1003.7	977.9	..	25.9	24.8	24.4	30.5	90	..	4.8	..	4.0	0	0	19	01	4	2	3	7	1	1	0	11	0
	0530	230	1004.1	978.3	..	25.5	24.6	24.1	30.0	92	..	5.2	..	4.2	0	1	16	00	2	4	3	8	0	0	0	13	0
	0830	230	1005.5	979.9	+0.7	28.3	25.5	24.3	30.4	79	- 6	4.8	-1.6	7.3	0	2	24	02	3	2	4	3	4	5	3	4	0
	1130	230	1004.8	979.5	..	31.2	26.2	24.0	29.8	67	..	4.9	..	8.1	0	1	24	02	4	5	1	2	4	4	3	5	0
	1430	230	1001.7	976.5	..	32.4	26.0	23.2	28.4	59	..	5.3	..	9.5	0	1	28	02	5	4	1	3	4	7	3	1	0
	1730	230	1001.7	976.3	+0.5	30.0	25.5	23.5	28.9	69	-12	6.3	-0.6	7.6	0	1	28	01	4	3	4	5	6	5	1	1	0
	2030	230	1004.2	978.6	..	27.8	25.4	24.3	30.6	82	..	5.6	..	4.8	0	1	20	01	2	3	1	6	6	0	2	9	0
	2330	230	1004.5	978.8	..	26.7	25.0	24.2	30.2	86	..	5.2	..	5.2	0	1	17	01	3	0	3	5	2	3	1	12	0
KEONJHARGARH	0830	463	1005.8	954.7	+0.3	26.2	24.0	23.3	28.6	83	+ 1	4.1	-1.7	1.3	0	0	20	05	0	6	0	2	0	6	1	10	0
	1730	463	1002.7	952.1	+0.6	27.6	24.4	22.9	27.9	79	- 3	4.3	-2.9	1.1	0	0	17	01	1	5	2	3	0	5	0	13	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lat. in gen. of mean; standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															42 or more	20 to 41	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
ORISSA (CONTD.)																											
BALASORE	0830	20	1005.7	1003.5	+0.6	29.6	26.7	25.5	32.6	79	- 5	4.8	-2.1	11.7	0	4	24	05	4	1	3	3	12	0	0	2	0
	1730	20	1002.8	1000.5	+0.7	29.4	26.6	25.4	32.4	80	- 4	5.6	-1.5	9.9	0	2	28	01	2	0	5	16	4	0	1	0	0
SAMBALPUR	0830	148	1005.0	988.5	-0.1	29.0	25.9	24.5	30.7	77	- 7	3.5	-2.4	1.5	0	0	15	01	3	0	2	1	7	1	0	15	0
	1730	148	1002.3	985.8	+0.6	30.9	27.4	26.0	33.6	76	- 3	5.2	-1.3	0.7	0	0	8	01	3	0	0	1	2	0	1	22	0
ANGUL	0830	139	1005.7	990.2	+0.3	28.0	25.5	24.5	30.7	81	- 2	6.4	+0.3	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	139	1002.1	986.6	+0.0	28.9	25.7	24.3	30.4	77	- 1	7.6	+0.9	..	.	..	..	..	..	..	..	..	..	..	..	..	..
CHANDBALI	0830	6	1006.0	1005.3	+0.6	29.3	26.6	25.5	32.6	80	- 3	6.0	+0.7	6.9	0	3	25	01	0	1	5	7	5	5	4	2	0
	1730	6	1002.5	1001.8	+0.2	29.5	26.7	25.8	33.2	81	- 1	6.2	+0.7	6.9	0	2	25	00	1	2	8	10	0	5	1	3	0
BOLANGIR	0830	190	1004.7	983.5	+0.6	28.1	26.2	25.4	32.4	85	+ 3	4.8	-1.5	2.6	0	0	26	04	0	1	4	9	4	4	0	4	0
	1730	190	1002.0	980.9	+0.7	30.0	27.6	26.7	35.0	83	+ 4	6.5	-0.3	2.9	0	0	25	02	3	3	2	5	3	7	0	5	0
PHULBANI	0830	464	1005.7	954.8	..	26.1	24.0	23.1	28.3	83	..	2.5	..	0.5	0	0	1	00	0	1	0	0	0	0	0	29	0
	1730	464	1002.0	951.3	..	26.8	24.2	23.1	28.3	81	..	4.3	..	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
CUTTACK	0830	27	1005.9	1002.9	+0.5	29.1	26.4	25.3	32.2	80	- 3	3.9	-1.6	3.7	0	0	24	02	1	3	1	2	5	9	1	6	0
	1730	27	1002.7	999.7	+0.6	30.1	26.6	25.1	31.9	76	- 4	4.2	-1.9	5.3	0	2	21	02	0	4	1	7	5	3	1	7	0
TITLAGARH	0830	211	1004.7	981.2	-0.3	27.4	25.4	24.5	30.7	85	+ 2	5.0	+0.1	2.0	0	0	30	00	2	0	11	0	12	0	5	0	0
	1730	211	1000.7	977.5	-0.8	29.6	26.3	24.9	31.5	77	+ 1	4.5	-0.8	1.9	0	0	28	00	6	0	4	0	12	0	6	2	0
BHUBANESWAR	0230	46	1003.7	998.5	..	26.3	25.8	25.5	32.6	95	..	4.7	..	6.7	0	1	18	00	1	0	1	4	4	6	3	11	0
	0530	46	1004.1	998.9	..	25.9	25.3	25.0	31.7	95	..	5.2	..	6.3	0	1	18	03	2	2	1	3	2	4	2	11	0
	0830	46	1005.7	1000.6	+0.9	28.4	26.2	25.3	32.2	83	- 2	6.0	-0.3	12.0	0	3	25	05	3	3	0	5	6	3	3	2	0
	1130	46	1005.3	1000.2	..	30.8	26.8	25.1	31.9	72	..	6.3	..	13.6	0	5	24	01	2	2	2	7	8	3	4	1	0
	1430	46	1002.7	997.6	..	30.2	26.3	24.6	30.9	70	..	6.6	..	1.5	0	8	20	02	2	2	4	8	6	2	2	2	0
	1730	46	1002.6	997.4	+0.8	28.8	26.0	24.8	31.3	80	- 4	6.1	-0.6	13.1	0	3	22	02	1	2	3	9	6	0	2	5	0
	2030	46	1004.9	999.7	..	27.4	26.1	25.5	32.6	89	..	4.9	..	9.6	0	1	24	02	1	0	2	8	6	4	2	5	0
	2330	46	1005.0	999.8	..	26.9	26.0	25.7	33.0	93	..	4.7	..	9.0	0	1	24	02	2	0	2	6	7	5	1	5	0
PURI	0830	6	1006.8	1005.9	+1.2	29.5	27.1	26.1	33.8	82	+ 2	4.6	-0.9	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	6	1003.4	1002.7	+1.0	29.3	26.8	25.7	33.0	81	+ 0	4.9	-0.8	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GOPALPUR	0530	17	1003.8	1001.9	..	26.4	25.3	24.9	31.5	91	..	5.6	..	5.5	0	3	13	08	0	0	0	0	3	4	1	14	0
	0830	17	1005.5	1003.6	+0.0	28.3	26.0	25.1	31.9	83	+ 2	6.0	+0.4	8.8	0	3	21	09	0	0	1	2	9	0	3	6	0
	1130	17	1005.4	1003.5	..	30.7	26.9	25.3	32.2	73	..	6.0	..	13.6	0	6	23	06	1	2	4	8	7	1	0	1	0
	1730	17	1002.8	1000.9	+0.3	29.6	26.6	25.4	32.4	79	4	6.2	+0.2	16.1	0	12	17	00	1	3	1	8	14	2	0	1	0
	2330	17	1005.0	1003.1	..	27.6	25.9	25.1	31.9	87	..	4.9	..	9.7	0	4	17	04	0	0	0	3	11	1	2	9	0
KORAPUT	0830	913	1478.8	907.1	+0.2	23.4	22.0	21.3	25.3	89	+ 0	4.9	-1.0	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	913	1456.9	905.0	+0.7	22.7	21.6	21.1	25.0	92	+ 9	6.3	-0.3	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BIHAR PLATEAU																											
DUMKA	0830	149	1005.6	989.0	+0.4	29.3	26.1	24.7	31.1	77	- 4	2.5	-1.8	2.9	0	0	19	00	3	2	6	5	2	0	1	11	0
	1730	149	1002.5	986.1	+0.7	29.8	25.5	22.0	26.4	66	-14	3.6	-1.2	3.1	0	0	19	00	2	3	8	4	1	1	0	11	0
DALTONGANJ	0830	221	1003.8	979.4	-1.0	30.4	25.6	23.5	28.9	67	-12	3.5	-1.4	3.9	0	0	29	00	3	0	0	0	23	2	1	1	0
	1730	221	1001.3	977.1	+0.2	32.0	25.4	22.4	27.1	58	-19	5.1	-1.0	4.7	0	0	30	04	7	0	3	0	8	0	8	0	0
HAZARIBAGH	0830	611	1005.3	938.6	+0.5	26.6	23.3	21.9	26.3	76	- 7	4.0	-1.5	4.5	0	0	21	02	1	3	4	3	4	2	2	9	0
	1730	611	1002.0	935.7	+0.5	27.6	24.0	22.5	27.3	75	- 7	5.7	-1.4	4.7	0	0	25	07	0	4	5	1	0	0	8	5	0
DHANBAD	0830	257	1005.4	976.9	+0.4	28.8	25.4	23.9	29.6	75	- 8	2.4	-3.5	3.1	0	0	26	00	3	0	13	0	5	1	4	4	0
	1730	257	1001.8	973.6	..	30.3	25.7	23.7	29.3	70	..	4.7	..	5.3	0	0	29	00	6	0	12	0	2	0	9	1	0
RANCHI AERODROME	0530	652	1004.4	932.7	..	23.3	22.1	21.5	25.6	90	..	2.8	..	7.7	0	2	18	00	2	4	1	2	7	1	3	10	0
	0830	652	1005.2	934.1	+1.2	26.3	23.0	21.5	25.6	76	- 9	3.1	-3.1	16.0	0	7	22	02	2	4	1	1	11	4	4	1	0
	1130	652	1004.1	933.7	..	29.0	23.2	20.5	24.1	62	..	4.9	..	18.3	0	9	21	03	5	4	2	1	5	5	5	0	0
	1430	652	1001.5	931.4	..	29.1	22.9	20.0	23.4	60	..	5.3	..	16.9	0	6	23	03	6	4	2	2	3	1	8	1	0
	1730	652	1001.5	931.1	+1.2	28.0	23.0	20.7	24.4	66	-14	5.0	-1.6	11.6	0	2	25	02	5	4	2	4	2	0	8	3	0
	2030	652	1004.4	933.2	..	25.3	22.9	21.8	26.1	82	..	3.0	..	8.7	0	2	18	01	1	2	3	4	3	0	6	10	0
JAMSHEDPUR	0830	129	1004.7	990.3	-0.5	28.7	26.0	24.9	31.5	80	- 2	2.5	-3.1	2.6	0	0	23	00	0	6	2	0	2	7	6	7	0
	1730	129	1001.1	986.8	-0.4	30.8	25.9	23.7	29.3	68	-11	5.0	-1.4	2.3	0	0	20	01	1	9	5	1	1	1	1	10	0
JAMSHEDPUR P.B.O.	0530	142	1004.1	988.2	..	25.9	24.9	24.5	30.7	92	..	5.0	..	2.2	0	0	7	01	0	5	1	0	0	0	0	23	0
	0830	142	1005.6	989.7	+1.2	28.6	25.7	24.4	30.5	78	- 5	4.4	-1.9	7.5	0	1	24	00	3	5	1	0	5	10	1	5	0
	1130	142	1004.8	989.1	..	31.7	26.7	24.7	31.1	67	..	4.4	..	7.8	0	1	25	00	1	5	2	2	7	5	4	4	0
	1430	142	1001.8	986.3	..	32.9	26.3	23.4	28.8	59	..	5.6	..	9.5	0	1	26	03	4	3	4	3	1	5	4	3	0
	1730	142	1001.7	986.0	+0.9	30.6	25.7	23.5	28.9	68	-12	6.7	-0.2	5.5	0	0	20	01	0	10	3	4	1	0	1	10	0
	2030	142	1004.3	988.5	..	28.3	25.8	24.6	31.1	82	..	4.4	..	5.0	0	0	15	00	1	8	6	0	0	0	0	15	0
	2330	142	1004.8	988.9	..	27.2	25.5	24.8	31.3	87	..	4.0	..	3.3	0	0	12	00	1	7	4	0	0	0	0	18	0
CHAIBASA	0830	226	1005.7	980.5	+0.6	28.3	25.3	24.0	29.8	77	- 6	3.8	-2.5	6.3	0	0	20	00	5	0	4	0	10	0	1	10	0
	1730	226	1001.9	976.9	+0.4	30.1	25.7	23.8	29.5	69	-11	7.5	+0.5	1.9	0	0	18	00	7	0	4	1	6	0	0	12	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations													
			At mean sea level or lat. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction										
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BIHAR PLAINS																												
MOTIHARI	0830	66	1005.8	998.3	+0.3	28.7	26.7	25.9	33.4	85	+ 4	4.8	-0.3	2.8	0	0	24	01	2	17	1	0	1	0	2	5	0
	1730	66	1001.8	993.8	-0.4	30.7	28.2	27.3	36.3	82	+ 3	3.3	-1.1	0.6	0	0	4	00	0	1	0	0	1	2	0	12	0
FORBESGANJ	0830	31	1006.2	999.4	+1.0	28.3	26.1	25.2	32.1	83	+ 1	5.2	-0.2	5.1	0	0	29	00	1	27	0	0	0	1	0	1	0
	1730	31	1002.6	995.7	+1.0	29.8	26.7	25.4	32.4	78	+ 2	4.5	-0.4	1.7	0	0	22	00	3	7	5	1	1	5	0	8	0
DARBHANGA	0830	49	1007.1	1001.5	+1.5	30.5	27.1	25.7	33.0	75	- 6	4.3	-1.1	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	49	1003.8	998.3	+2.0	31.0	27.2	25.7	33.0	74	- 2	3.5	-1.8	..	.	..	..	..	..	..	..	..	..	..	..	..	..
MUZAFFARPUR	0830		..	..	..	28.9	26.8	25.9	33.4	84	..	3.9	..	5.3	0	0	29	00	2	14	4	1	2	5	1	1	0
	1730		..	..	..	30.8	27.6	26.3	34.2	77	..	3.8	..	3.2	0	0	23	03	3	6	4	1	1	5	0	7	0
CHAPRA	0830	58	1005.4	998.9	..	29.6	26.1	24.7	31.1	75	..	3.1	..	2.7	0	0	26	01	14	0	3	0	5	0	3	4	0
	1730	58	1001.4	995.0	..	32.0	26.9	24.9	31.5	67	..	3.5	..	1.6	0	0	22	00	13	0	1	0	2	0	6	8	0
PURNEA	0830	38	1006.3	1002.1	+0.8	29.0	26.7	25.7	33.0	83	+ 0	4.4	-0.9	1.8	0	0	26	00	3	17	1	1	2	2	0	4	0
	1730	38	1002.7	998.5	+0.4	29.5	26.8	25.7	33.0	80	- 2	4.7	-0.3	1.2	0	0	17	02	1	11	1	0	1	1	0	13	0
PATNA	0830	53	1005.6	999.7	+0.5	29.3	26.1	24.7	31.1	77	- 3	3.9	-1.3	7.0	0	0	29	00	13	2	3	3	3	4	1	1	0
	1730	53	1002.1	996.3	+0.5	31.5	26.8	24.9	31.5	68	- 7	4.4	-1.2	3.7	0	0	25	03	14	1	1	0	2	3	1	5	0
PATNA AERODROME	0230	60	1003.1	996.3	..	27.3	26.0	25.5	32.6	90	..	4.1	..	4.1	0	0	16	00	0	9	3	0	3	1	0	14	0
	0530	60	1003.4	996.6	..	26.6	25.4	24.9	31.5	90	..	5.0	..	3.4	0	0	12	00	1	7	1	0	1	2	0	18	0
	0830	60	1005.0	998.3	+0.7	29.6	26.3	24.9	31.5	77	- 6	5.2	-0.3	8.1	0	3	23	01	2	12	1	1	1	8	0	4	0
	1130	60	1004.6	997.9	..	32.4	26.9	24.6	30.9	66	..	5.5	..	10.0	0	2	27	00	0	16	1	1	2	6	3	1	0
	1430	60	1002.0	995.3	..	32.6	26.7	24.2	30.2	62	..	5.6	..	9.6	0	0	29	00	1	11	5	1	2	5	4	1	0
	1730	60	1001.3	994.7	+0.6	31.2	26.8	25.0	31.7	71	- 5	5.6	+0.3	4.7	0	1	15	02	0	6	1	0	1	4	2	14	0
	2030	60	1003.4	996.7	..	29.0	26.8	25.9	33.4	83	..	4.6	..	3.1	0	1	10	00	1	6	3	0	0	1	0	19	0
	2330	60	1003.9	997.2	..	28.1	26.3	25.6	32.8	87	..	4.4	..	4.1	0	1	14	00	1	12	0	1	1	0	0	15	0
BHAGALPUR	0530	49	1004.1	998.6	..	26.5	25.2	24.7	31.1	90	..	5.5	..	3.0	0	0	28	00	0	6	14	1	5	2	0	2	0
	0830	49	1005.7	1000.3	+0.3	29.8	26.5	25.1	31.9	76	- 6	5.1	-0.4	3.1	0	0	28	00	0	6	10	3	6	2	0	2	1
	1130	49	1005.2	999.8	..	32.1	27.2	25.1	31.9	67	..	5.8	..	3.1	0	0	30	01	1	5	10	3	1	5	4	0	0
	1730	49	1002.3	996.8	+0.3	30.5	26.4	24.7	31.1	72	- 8	6.2	+0.5	3.0	0	0	24	00	2	6	8	0	5	2	0	6	1
	2330	49	1005.0	999.5	..	27.9	26.0	25.2	32.1	86	..	4.7	..	3.0	0	0	29	00	0	7	13	4	5	0	0	1	0
SABAUR	0830	37	1006.0	1001.8	+0.6	29.3	26.8	25.7	33.0	81	- 3	4.6	-1.2	6.7	0	0	30	00	1	5	10	3	7	3	1	0	0
	1730	37	1002.3	998.2	+0.6	30.2	26.9	25.5	32.6	77	- 6	5.7	-0.3	5.3	0	1	22	00	2	8	7	0	4	1	1	7	0
JAMUI	0830	82	1006.9	997.7	+2.1	29.1	26.5	25.4	32.4	81	- 2	2.4	-2.7	5.3	0	0	30	04	0	19	2	2	0	3	0	0	0
	1730	82	10 3.5	994.4	+2.2	30.4	26.7	25.1	31.9	74	- 7	3.7	-1.8	4.9	0	0	30	03	1	14	2	3	0	6	1	0	0
DEHRI	0830	107	1004.9	992.8	+0.3	30.2	26.7	25.3	32.2	75	- 8	3.6	-1.4	2.3	0	0	29	00	2	5	5	8	5	2	2	1	0
	1730	107	1000.8	989.0	+0.3	31.5	27.2	25.5	32.6	72	+ 3	4.5	-1.0	2.5	0	0	29	01	11	4	1	1	1	8	2	1	0
GAYA	0230	116	1004.0	990.9	..	26.3	25.5	25.1	31.9	93	..	4.3	..	5.0	0	1	20	00	5	3	5	6	2	0	0	9	0
	0530	116	1004.1	991.0	..	25.6	25.0	24.7	31.1	95	..	4.6	..	4.7	0	0	21	00	3	4	4	9	1	0	0	9	0
	0830	116	1005.6	992.6	+0.5	29.2	26.3	25.0	31.7	78	- 1	4.4	+2.0	7.7	0	0	25	00	3	4	0	7	10	1	0	5	0
	1130	116	1005.2	992.3	..	32.6	26.9	24.4	30.7	63	..	4.8	..	9.1	0	2	21	01	0	7	0	2	5	5	3	7	0
	1430	116	1002.4	989.7	..	33.5	26.8	23.9	29.4	58	..	5.1	..	10.9	0	2	26	03	6	1	0	1	2	8	7	2	0
	1730	116	1002.0	989.2	+0.7	31.7	26.8	24.8	31.3	68	- 6	5.4	-0.3	7.9	0	3	20	01	7	2	1	2	0	6	4	7	0
	2030	116	1003.9	990.9	..	28.7	26.8	26.0	33.6	85	..	4.8	..	4.5	0	0	20	01	5	5	4	3	1	1	0	10	0
	2330	116	1004.6	991.6	..	27.4	26.2	25.8	33.1	91	..	4.1	..	5.5	0	1	22	00	3	8	5	4	3	0	0	7	0
UTTAR PRADESH EAST																												
KHERI	0830	147	1004.5	987.9	-0.6	27.0	25.0	24.0	29.8	84	- 1	3.2	-0.3	4.7	0	0	22	00	0	12	0	0	0	10	0	8	0
	1730	147	1001.1	984.8	-0.3	31.2	26.2	24.2	30.2	71	- 6	2.4	-1.1	2.8	0	0	21	00	0	7	1	0	0	13	0	9	0
BAHRAICH	0830	124	1005.2	991.3	+0.1	28.1	25.1	23.8	29.5	78	- 2	3.3	-0.9	3.5	0	0	21	01	0	6	4	0	0	7	3	9	0
	1730	124	1001.5	988.0	+0.4	31.7	26.2	23.7	29.3	64	- 8	3.7	-0.8	2.7	0	0	17	00	0	4	1	0	0	4	8	13	0
NAUTANWA	0830	99	1005.4	994.2	+0.6	28.2	25.9	24.8	31.3	82	+ 0	3.6	-0.7	2.4	0	0	26	02	5	7	7	1	1	1	2	4	0
	1730	99	1001.6	990.6	-0.2	30.7	27.0	25.3	32.2	74	- 2	2.6	-1.2	1.3	0	0	17	01	0	3	4	0	2	0	7	13	0
HARDOI	0830	142	1005.0	989.2	+0.5	28.7	25.2	23.4	28.8	74	- 8	1.5	-1.8	2.0	0	0	22	02	0	4	3	1	1	11	0	8	0
	1730	142	1001.3	985.7	+0.3	31.6	26.4	24.2	30.2	64	- 7	1.7	-1.6	1.4	0	0	21	06	0	3	0	0	0	11	1	9	0
GONDA	0830	110	1005.7	993.4	+0.4	29.6	26.1	24.5	30.7	76	- 6	3.4	-0.8	3.1	0	0	26	00	0	15	0	0	0	3	8	4	0
	1730	110	1001.7	989.6	+0.2	31.3	26.9	25.0	31.7	70	- 6	2.8	-1.4	1.0	0	0	10	01	0	5	0	0	0	0	4	20	0
LUCKNOW	0830	111	1005.2	992.7	+0.3	27.1	24.2	22.9	27.9	78	- 4	2.4	-1.6	0.5	0	0	7	00	0	2	0	0	0	5	0	23	0
	1730	111	1000.8	988.6	-1.0	32.1	25.4	22.1	26.6	58	-16	2.3	-1.5	0.1	0	0	2	00	0	2	0	0	0	0	0	28	0
LUCKNOW (AMOUSI)	0230	128	1003.1	988.8	..	25.9	24.3	23.6	29.1	87	..	1.7	..	4.0	0	0	15	00	2	2	2	0	2	6	1	15	0
	0530	128	1003.5	989.1	..	25.2	24.0	23.4	28.8	90	..	2.3	..	5.9	0	0	19	01	1	2	2	1	1	8	3	11	0
	0830	128	1004.9	990.6	+0.6	28.6	25.2	23.6	29.1	75	- 6	2.9	-1.6	9.9	0	3	22	02	1	7	2	2	0	5	6	5	0
	1130	128	1004.7	990.6	..	32.3	25.8	22.9	27.9	59	..	3.1	..	12.1	0	6	20	03	1	6	2	1	1	4	8	4	0
	1430	128	1002.2	988.1	..	33.0	25.7	22.3	26.9	56	..	3.9	..	14.6	0	9	21	04	2	3	2	0	0	6	13	0	0
	1730	128	1001.3	987.2	+0.4	31.8	25.8	23.1	28.3	67	-11	3.2	-1.4	7.3	0	3	17	03	3	2	1	0	0	2	9	10	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of constant standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mb.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind speed (Km. p. h.) 42 or more	20 to 41	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
UTTAR PRADESH EAST (CONTD.)																											
LUCKNOW (AMAUSI)	2030	120	1003.1	988.9	..	28.0	25.4	24.3	30.4	81	..	2.1	..	4.1	0	0	16	02	2	2	2	0	0	6	2	14	0
	2330	120	1003.9	989.5	..	26.7	24.9	24.0	29.8	86	..	1.9	..	3.5	0	0	13	00	3	2	0	0	3	4	1	17	0
FAIZABAD	0830	102	1005.1	993.7	+0.7	29.0	26.2	24.8	31.3	79	- 3	3.7	-1.1	2.7	0	0	23	00	1	9	3	1	2	6	1	7	0
	1730	102	1001.6	990.3	+0.7	30.8	27.3	25.8	33.2	76	- 2	3.9	-1.1	1.7	0	0	14	00	4	3	2	1	0	4	0	16	0
GORAKHPUR	0830	77	1005.7	997.3	+1.1	28.8	25.6	24.3	30.4	77	- 4	4.3	-0.3	2.6	0	0	30	03	2	10	5	1	0	9	0	0	0
	1730	77	1002.2	993.5	+0.9	31.9	26.3	23.9	29.7	64	-10	3.5	-1.1	1.9	0	0	24	06	0	6	1	2	1	5	3	6	0
GORKHPUR P.B.O	0230	78	1003.2	994.5	..	28.1	25.8	25.0	31.7	84	..	3.8	..	3.9	0	0	21	02	5	4	3	0	4	3	0	9	0
	0530	78	1003.7	994.8	..	27.4	25.4	24.5	30.7	85	..	4.2	..	3.7	0	0	21	01	8	2	3	0	2	4	1	9	0
	1130	78	1004.8	996.1	..	31.1	26.5	24.8	31.3	71	..	5.3	..	6.3	0	0	29	02	6	3	7	2	2	4	3	1	0
	1430	78	1002.1	993.4	..	32.4	26.6	24.6	30.9	61	..	5.1	..	6.8	0	0	28	04	3	7	5	1	1	3	4	2	0
	2030	78	1003.4	994.6	..	29.5	26.5	25.4	32.4	79	..	2.7	..	3.5	0	0	21	00	7	3	2	1	4	4	0	9	0
	2330	78	1004.0	995.2	..	28.7	26.2	25.3	32.2	83	..	3.5	..	4.5	0	1	20	02	6	3	4	0	4	2	0	9	0
KANPUR	0830	126	1004.6	990.5	-0.2	29.0	25.0	22.9	27.9	71	-10	1.9	-1.9	8.3	0	0	28	00	1	7	0	2	0	17	1	2	0
	1730	126	1001.1	987.1	-0.4	32.0	25.5	22.4	27.1	60	- 9	1.9	-2.2	7.1	0	0	28	09	2	4	0	1	0	11	1	2	0
KANPUR (AERODROME)	0530	126	1003.8	989.6	..	24.7	23.8	23.1	28.3	89	..	2.8	..	6.4	0	0	18	02	2	3	0	8	0	9	2	12	0
	0830	126	1005.1	991.0	..	28.8	25.0	23.3	28.6	75	..	2.5	..	10.9	0	1	23	01	2	3	2	2	1	6	7	6	0
	1130	126	1005.0	991.2	..	32.7	25.7	22.0	26.4	57	..	2.8	..	11.9	0	0	27	05	2	2	4	1	1	3	9	3	0
	1730	126	1001.7	987.8	..	32.4	25.5	22.2	26.7	58	..	3.0	..	10.8	0	0	30	06	4	4	2	0	0	3	11	0	0
	2330	126	1004.2	990.0	..	27.0	24.8	23.8	29.5	83	..	1.5	..	4.7	0	0	16	02	2	3	2	0	0	6	1	14	0
SULTANPUR	0830	97	1005.5	994.4	+0.8	29.9	26.3	24.7	31.1	75	- 7	2.8	-1.9	1.5	0	0	15	00	0	8	1	1	2	3	0	15	0
	1730	97	1002.0	991.3	+1.5	32.1	26.8	24.9	31.5	66	-11	3.2	-1.5	0.9	0	0	7	00	2	3	0	0	0	1	1	23	0
AZAMGARH	0830	78	1005.0	996.3	+1.1	28.9	26.9	26.0	33.6	85	+ 1	3.9	-0.1	3.9	0	0	27	02	3	7	1	0	2	10	2	3	0
	1730	78	1001.4	992.8	+0.6	32.1	28.7	27.1	35.9	76	- 3	3.2	+0.0	2.5	0	0	17	02	3	2	0	0	0	10	0	13	0
FATEHPUR	0830		..	..	..	28.6	25.7	24.3	30.4	78	- 4	2.7	-1.2	4.3	0	0	26	02	1	5	1	0	2	12	3	4	0
	1730		..	..	..	31.8	26.8	24.6	30.9	67	- 7	3.1	-1.0	2.7	0	0	20	04	1	4	1	0	0	3	7	9	0
BALLIA	0830	64	1006.8	999.5	+2.4	29.5	27.1	26.1	33.8	87	- 2	2.7	-1.9	1.8	0	0	27	00	3	11	1	0	3	5	4	3	0
	1730	64	1002.9	995.8	+1.8	30.9	27.2	25.7	33.0	74	- 1	2.9	-1.8	0.6	0	0	5	00	0	2	0	0	1	0	2	25	0
BANDA	0830	121	1005.7	992.3	+1.1	29.8	25.2	22.9	27.9	68	-12	2.2	-1.0	1.6	0	0	22	00	5	0	0	0	8	0	9	8	0
	1730	121	1002.5	989.1	+1.2	33.1	25.7	22.0	26.4	55	-19	3.8	+0.3	1.6	0	0	24	00	5	0	0	0	8	0	11	6	0
ALLAHABAD (BAMHRAULI)	0230	98	1003.1	992.1	..	26.9	24.4	23.2	28.4	81	..	1.9	..	9.3	0	0	10	00	3	2	1	0	0	4	0	20	0
	0530	98	1003.4	992.4	..	26.1	24.1	23.1	28.3	84	..	3.2	..	1.7	0	0	14	00	2	3	2	1	0	6	0	16	0
	0830	98	1004.9	994.0	+0.2	29.7	25.3	23.2	28.4	69	-12	3.6	-1.3	6.2	0	0	26	01	2	6	0	2	1	9	5	4	0
	1130	98	1004.6	993.9	..	34.4	26.1	22.2	26.7	51	..	3.8	..	8.5	0	0	29	05	4	5	0	1	4	3	7	1	0
	1430	98	1001.9	991.2	..	35.1	26.0	21.8	26.1	50	..	4.7	..	9.5	0	1	27	07	4	2	1	1	0	2	10	2	1
	1730	98	1001.2	990.5	-0.1	33.3	26.2	22.9	27.9	57	-14	4.6	-0.5	4.2	0	0	26	08	2	2	1	0	0	2	11	4	0
	2030	98	1003.1	992.2	..	29.5	25.7	24.1	30.0	73	..	3.2	..	1.0	0	0	8	02	2	3	1	0	0	0	0	22	0
	2330	98	1003.8	992.9	..	28.0	25.0	23.6	29.1	78	..	2.7	..	1.0	0	0	6	01	1	1	2	1	0	0	0	24	0
VARANASI (BABATPUR)	0530	85	1003.9	994.2	..	25.8	24.4	23.8	29.5	89	..	4.0	..	5.1	0	0	17	01	3	5	1	1	4	2	0	13	0
	0830	85	1005.4	995.8	+0.2	29.5	25.8	24.2	30.2	74	- 8	3.7	-1.1	9.2	0	0	29	00	2	8	1	5	4	9	0	1	0
	1130	85	1004.9	995.4	..	33.6	26.3	23.1	28.1	57	..	4.0	..	11.5	0	0	29	00	2	9	1	2	1	7	5	1	2
	1730	85	1001.6	992.1	-0.1	32.3	25.8	22.9	27.9	59	-15	4.0	-1.0	11.1	0	2	28	04	5	3	1	0	2	2	11	0	2
	2330	85	1004.2	994.5	..	27.8	25.3	24.2	30.2	82	..	2.7	..	5.0	0	0	18	01	1	7	1	0	2	3	1	12	2
VARANASI	0830	76	1004.9	996.3	+0.1	29.8	26.3	24.8	31.3	76	- 6	2.6	-2.0	2.3	0	0	28	00	5	1	1	0	1	18	2	2	0
	1730	76	1001.2	992.8	+0.0	32.7	26.9	24.4	30.5	63	-11	4.1	-1.0	1.4	0	0	19	02	3	1	0	0	0	9	4	11	0
UTTAR PRADESH WEST																											
MUKHIM	0830		..	..	..	19.1	16.3	14.7	16.7	76	- 8	2.8	..	1.7	0	0	15	00	3	3	2	1	1	0	5	15	0
	1730		..	..	..	21.1	17.0	14.6	16.6	67	-16	3.4	..	3.8	0	0	20	01	1	1	1	0	0	1	15	10	0
TEHRI	0830		..	..	..	23.9	21.4	20.1	23.5	79	- 4	2.4	-1.7	0.9	0	0	11	03	4	0	1	2	0	1	0	19	0
	1130		..	..	..	29.6	22.4	18.9	21.8	53	..	2.1	..	0.7	0	0	10	00	1	2	3	2	2	0	0	20	0
	1730		..	..	..	30.3	22.4	18.2	20.9	49	-11	2.4	-2.0	1.7	0	0	15	00	2	1	7	3	2	0	0	18	0
DEHRA DUN	0530	682	1005.0	929.6	..	22.0	20.3	19.4	22.5	86	..	3.8	..	1.6	0	0	11	05	4	1	0	0	0	0	1	19	0
	0830	682	1005.3	930.7	+0.3	24.7	21.8	20.3	23.8	77	- 3	2.2	-1.7	0.7	0	0	9	03	0	4	0	2	0	0	0	21	0
	1130	682	1004.6	931.0	..	29.1	23.5	20.2	24.7	62	..	3.0	..	2.2	0	0	18	00	0	1	7	2	4	2	1	12	1
	1730	682	1001.9	928.4	+0.6	28.8	23.8	21.4	25.5	66	- 7	3.8	-0.4	1.7	0	0	15	08	1	1	0	1	3	1	0	15	0
	2330	682	1004.6	929.7	..	23.7	21.5	20.4	24.0	82	..	2.0	..	0.5	0	0	4	02	2	0	0	0	0	0	0	26	0
MANSIARI	0830		..	..	..	18.0	15.3	13.8	15.8	77	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	17.7	15.4	14.2	16.2	80	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
ROORKEE	0830	274	1004.7	974.2	+0.0	27.4	23.6	21.8	26.1	72	- 8	1.4	-2.2	0.7	0	0	10	00	0	0	7	0	0	0	3	20	0
	1730	274	1002.2	972.3	+1.2	32.7	24.9	21.1	25.0	51	-13	1.6	-1.8	1.1	0	0	16	01	1	1	4	0	0	0	9	14	0
NAJIBABAD	0830	270	1005.8	975.6	+1.0	27.0	23.8	22.3	26.9	76	- 5	1.9	-1.0	3.6	0	0	22	01	2	9	6	0	0	3	1	8	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mb.			Mean temperature in °C			Vapour pressure in mb.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
UTTAR PRADESH WEST (CONTD.)																											
NAJIBABAD	1730	270	1002.2	972.6	+0.3	31.7	25.1	21.8	26.1	56	-11	1.5	-1.1	3.8	0	0	24	05	1	2	2	0	0	7	6	6	1
MEERUT	0830	222	1004.9	980.2	+0.0	28.0	23.6	21.2	25.2	68	- 8	0.4	-1.9	2.4	0	0	17	00	0	2	2	0	0	10	3	13	0
BAREILLY	0830	173	1005.1	985.7	+0.4	28.3	24.7	22.9	27.9	74	- 5	1.9	-2.0	8.5	0	0	30	01	2	5	4	0	2	11	5	0	0
	1730	173	1001.6	982.5	+0.5	31.2	25.0	22.0	26.4	60	- 8	1.8	-2.2	3.8	0	0	29	04	1	4	1	0	1	18	0	1	0
BAREILLY P.B.O.	0230	172	1003.1	983.8	..	26.8	23.8	22.6	27.4	78	..	2.0	..	3.3	0	1	21	00	2	4	3	0	2	10	1	8	0
	0530	172	1003.5	984.2	..	26.1	23.3	22.2	26.7	80	..	2.4	..	4.0	0	0	25	02	4	5	2	0	2	8	2	5	0
	1130	172	1005.0	985.9	..	31.0	24.7	22.1	26.6	61	..	2.6	..	7.8	0	0	29	01	3	4	6	0	1	8	6	1	0
	1430	172	1002.7	983.7	..	32.6	24.7	21.5	25.6	54	..	2.9	..	8.1	0	1	28	02	0	5	5	0	1	6	10	1	0
	2030	172	1002.8	983.9	..	29.3	24.8	23.0	28.1	70	..	1.1	..	3.9	0	0	22	00	2	3	5	0	0	8	4	8	0
	2330	172	1003.6	984.3	..	27.7	24.3	23.0	28.1	76	..	1.7	..	3.9	0	0	26	00	1	4	5	1	1	12	2	4	0
ALIGARH	0830	187	1005.9	984.6	+0.5	28.5	23.9	21.6	25.8	69	- 5	2.0	-1.2	5.0	0	0	30	02	0	5	0	3	2	16	2	0	0
	1730	187	1002.3	981.3	+0.4	33.8	24.3	19.3	22.4	45	-16	2.2	-1.3	3.4	0	0	29	05	1	5	1	1	0	12	4	1	0
MAINPURI	0830	157	1005.2	987.7	+0.7	28.8	24.6	22.5	27.3	70	-10	2.2	-1.5	2.7	0	0	22	00	0	5	3	0	1	13	0	8	0
	1730	157	1001.5	984.3	+0.5	33.1	25.8	22.3	26.9	56	-13	1.7	-2.2	1.6	0	0	15	00	0	3	0	0	0	11	1	15	0
AGRA	0830	169	1005.5	986.7	+0.7	29.4	24.1	21.4	25.5	63	-14	1.2	-2.0	0.6	0	0	5	00	3	1	0	0	1	0	0	25	0
	1730	169	1002.0	983.5	+0.6	33.7	24.8	20.3	23.8	48	-14	2.3	-1.1	4.3	0	0	20	00	8	3	0	0	0	1	8	10	0
AGRA AERODROME	0530	169	1004.2	985.1	..	24.5	22.7	21.8	26.1	85	..	2.0	..	4.9	0	0	18	00	1	1	1	2	1	6	6	12	0
	0830	169	1005.5	986.7	..	28.5	24.5	22.5	27.3	71	..	2.1	..	12.0	0	3	25	02	1	1	2	3	0	11	8	2	0
	1130	169	1005.4	986.9	..	33.1	25.6	22.0	26.4	53	..	2.4	..	14.1	0	5	24	05	3	0	2	2	0	3	13	1	1
	1730	169	1002.1	983.6	..	33.1	25.2	21.3	25.3	52	..	2.8	..	10.8	0	0	29	10	3	3	3	0	0	3	7	1	0
	2330	169	1004.2	985.3	..	26.4	23.4	22.0	26.4	74	..	1.4	..	6.7	0	1	19	01	0	2	1	2	0	10	3	10	1
ORAI	0830	141	1006.3	990.7	+1.2	32.1	25.5	22.4	27.1	59	-18	2.0	-1.5	3.4	0	0	27	04	10	0	0	0	0	0	13	3	0
	1730	141	1000.5	985.0	-1.0	32.5	25.3	21.9	26.3	56	-12	2.3	-1.4	2.9	0	0	29	12	7	0	0	0	0	0	10	1	0
JHANSI	0830	251	1005.6	977.7	+0.7	28.3	25.1	23.7	29.3	74	- 4	2.3	-1.4	1.3	0	0	15	00	0	3	0	4	0	8	0	15	0
	1730	251	1001.4	974.2	+0.2	33.4	26.8	24.0	29.8	59	- 6	3.1	-1.4	1.3	0	0	14	01	8	1	0	5	0	7	0	16	0
MORADABAD	0830		..	..	..	27.3	25.1	24.2	30.2	83	..	0.9	..	3.9	0	0	24	00	6	8	0	0	0	4	6	6	0
	1730		..	..	..	30.6	28.2	27.5	36.7	84	..	1.0	..	5.1	0	0	29	00	3	14	0	0	1	2	9	1	0
UTTAR KASHI	0830		..	..	..	22.4	19.1	17.4	19.9	74	..	2.2	..	2.3	0	0	20	00	0	19	0	1	0	0	0	10	0
	1730		(R)																								
HARYANA (INCLUDING DELHI AND CHANDIGARH)																											
CHANDIGARH	0830	347	1004.6	965.7	+0.0	26.4	22.4	20.2	24.0	70	- 3	1.1	-1.6	1.2	0	0	14	00	1	0	3	1	0	0	9	16	0
	1730	347	1001.4	963.3	+0.1	33.1	23.6	18.2	20.9	43	-21	1.3	-1.0	3.7	0	0	28	00	1	0	3	0	0	6	18	2	0
AMBALA	0830	272	1005.1	974.9	+0.7	27.8	23.8	21.7	26.0	70	-10	0.1	-2.5	2.1	0	0	29	00	3	0	13	0	0	0	13	1	0
	1730	272	1001.2	971.7	+0.6	33.9	24.3	19.3	22.4	43	-15	0.2	-2.2	2.3	0	0	29	00	2	0	2	0	1	0	24	1	0
AMBALA P.B.O.	0230	278	1003.1	972.1	..	27.1	23.9	22.7	27.6	77	..	0.3	..	4.1	0	0	21	01	0	0	5	0	0	0	15	9	0
	0530	278	1003.5	972.4	..	25.8	23.5	22.7	27.6	84	..	1.4	..	4.7	0	0	22	00	0	0	8	0	0	3	11	8	0
	1130	278	1004.8	974.3	..	32.4	26.3	24.3	30.4	62	..	1.0	..	6.6	0	0	24	00	1	0	6	1	0	4	12	6	0
	1430	278	1002.4	972.2	..	34.1	26.1	23.0	28.1	53	..	1.6	..	8.1	0	0	29	00	0	0	2	2	2	7	16	1	0
	2030	278	1002.4	971.7	..	30.6	25.8	23.6	29.1	65	..	0.2	..	5.3	0	0	23	00	0	0	3	0	0	4	16	7	0
	2330	278	1003.0	972.2	..	28.8	24.4	22.6	27.4	70	..	0.2	..	5.2	0	0	24	04	0	1	3	0	1	0	15	6	0
AMBALA AERODROME	0530	274	1003.7	972.7	..	22.7	21.5	20.9	24.7	90	..	1.1	..	5.4	0	0	20	00	0	4	5	0	2	6	3	10	0
	0830	274	1004.8	974.2	..	26.8	23.6	22.0	26.4	75	..	1.2	..	10.0	0	1	24	00	0	5	4	0	0	10	3	5	3
	1130	274	1004.4	974.4	..	33.0	25.2	21.4	25.5	53	..	0.9	..	12.9	0	4	22	00	0	5	5	0	0	11	5	4	0
	1730	274	1001.3	971.2	..	32.0	24.8	21.3	25.3	53	..	0.9	..	13.9	0	5	22	00	0	1	1	0	3	13	9	3	0
	2330	274	1003.1	972.5	..	25.7	22.7	21.2	25.2	76	..	0.3	..	6.4	0	0	17	00	0	1	4	0	0	7	5	13	0
KARNAL	0830	249	1005.0	977.2	+0.6	28.1	23.5	21.2	25.2	67	-12	0.3	-2.7	2.9	0	0	23	00	1	7	2	0	2	11	0	7	0
	1730	249	1001.3	974.1	+0.1	33.5	24.6	20.0	23.4	46	-15	0.5	-2.6	2.1	0	0	26	02	2	2	1	0	1	14	4	4	0
HISSAR	0530	221	1003.8	978.9	..	25.5	21.7	19.5	22.7	71	..	0.7	..	5.7	0	1	24	00	0	3	3	2	12	5	0	5	0
	0830	221	1005.5	980.9	+0.9	28.2	23.3	20.8	24.6	65	- 7	0.7	-1.1	4.1	0	0	21	00	1	1	1	1	7	9	1	9	0
	1130	221	1005.1	981.0	..	35.3	26.4	22.2	26.7	47	..	0.7	..	9.3	0	0	27	02	0	1	2	2	4	10	5	3	1
	1430	221	1002.8	978.9	..	38.0	26.4	20.5	24.1	38	..	2.0	..	8.0	0	0	26	02	1	3	0	0	6	11	2	4	1
	1730	221	1001.7	977.7	+0.4	37.1	25.8	20.1	23.5	39	-14	1.4	-0.8	5.4	0	0	27	05	0	2	0	0	1	10	8	3	1
	2330	221	1003.5	978.8	..	28.5	22.9	19.9	23.2	61	..	0.2	..	4.8	0	0	25	00	0	6	4	2	4	7	2	5	0
NEW DELHI/SAFDARJUNG	0230	216	1003.6	979.4	..	27.2	22.5	19.9	23.2	66	..	0.7	..	3.7	0	0	16	00	0	2	3	2	2	7	0	14	0
	0530	216	1004.0	979.7	..	25.9	21.9	19.7	22.9	70	..	1.1	..	5.5	0	0	18	00	0	2	3	0	2	11	0	12	0
	0830	216	1005.4	981.3	+1.0	28.0	22.8	19.7	22.9	61	- 9	1.3	-1.8	10.5	0	4	21	00	1	2	3	1	1	13	4	5	0
	1130	216	1005.1	981.4	..	33.6	24.2	19.1	22.1	44	..	1.3	..	13.4	0	11	16	00	1	3	2	1	1	5	14	3	0
	1430	216	1002.9	979.3	..	35.4	24.3	18.3	21.0	38	..	2.7	..	11.7	0	8	16	02	2	3	1	1	0	3	12	6	0
	1730	216	1001.7	978.1	+0.8	34.5	24.0	18.1	20.8	40	-14	1.8	-1.3	7.1	0	0	24	03	1	2	1	0	0	2	15	6	0
	2030	216	1002.9	979.0	..	30.4	23.8	20.4	24.0	56	..	1.1	..	2.9	0	0	10	01	1	1	4	0	1	2	0	20	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lit. in gen. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HARYANA (INCLUDING DELHI AND CHANDIGARH) (CONTD.)																											
NEW DELHI/SAFDARJUNG	2330	216	1004.0	979.9	..	28.5	23.1	20.3	23.8	62	..	1.1	..	4.3	0	0	15	00	1	1	5	0	2	5	1	15	0
PALAM AERODROME	0230	233	1003.8	977.7	..	25.3	21.7	19.7	22.9	71	..	1.0	..	10.6	0	0	29	00	0	1	3	6	13	5	1	1	0
	0530	233	1004.1	977.9	..	24.1	21.2	19.6	22.8	77	..	1.1	..	10.5	0	1	27	01	0	1	4	4	11	7	0	2	0
	0830	233	1005.5	979.5	..	28.1	22.7	19.8	23.1	62	..	1.3	..	14.6	0	8	21	01	0	0	4	2	3	11	8	1	0
	1130	23[illegible]	1005.1	979.6	..	33.9	24.1	19.0	22.0	42	..	1.3	..	17.8	0	12	18	02	3	1	4	1	4	2	13	0	0
	1430	233	1003.0	977.4	..	35.6	24.0	17.3	19.7	35	..	2.5	..	17.7	0	15	15	05	1	3	2	0	2	1	16	0	0
	1730	233	1001.7	976.4	..	34.6	23.6	17.4	19.9	38	..	1.6	..	14.3	0	4	26	11	3	4	3	0	0	2	7	0	0
	2030	233	1003.0	977.2	..	29.3	22.9	19.6	22.8	57	..	0.9	..	7.7	0	0	22	01	1	4	7	1	4	4	0	8	0
	2330	233	1004.0	978.0	..	26.6	22.2	20.3	23.8	66	..	0.8	..	10.3	0	7	23	00	0	2	5	6	5	5	2	5	0
GURGAON	0830		..	..	..	27.7	21.9	18.7	21.6	58	..	1.4	..	5.6	0	0	22	00	1	2	2	1	6	10	0	5	0
	1730		..	..	..	33.7	23.4	17.5	20.0	40	..	1.6	..	4.1	0	0	24	00	3	2	0	0	1	12	6	4	0
NARNAUL	0830		(R)																								
	1730		(R)																								
ROHTAK	0830		..	..	..	27.3	22.7	20.1	24.1	66	..	0.8	..	8.4	0	1	29	00	0	7	1	2	2	17	1	0	0
	1730		..	..	..	29.4	22.3	18.1	20.8	52	..	0.1	..	7.9	0	1	28	00	0	5	2	0	2	20	0	1	0
PUNJAB																											
PATHANKOT	0530	312	1003.8	968.8	..	24.2	21.6	20.2	23.7	78	..	1.2	..	5.6	0	0	21	04	10	3	1	1	1	0	1	9	0
	0830	312	1005.0	970.5	+0.4	28.4	23.1	20.3	23.8	62	-12	2.1	-1.4	5.3	0	0	17	01	10	3	1	1	0	0	0	13	1
	1130	312	1004.9	970.8	..	33.1	24.5	20.0	23.4	46	..	1.5	..	7.3	0	0	25	02	2	0	3	9	4	3	1	5	1
	1730	312	1001.6	967.8	-0.5	34.0	25.1	20.6	24.3	46	-17	1.7	-1.4	7.8	0	0	24	02	0	0	0	2	13	5	2	6	0
	2330	312	1003.5	968.7	..	25.4	22.6	21.2	25.2	75	..	0.7	..	2.2	0	0	10	00	6	2	1	1	0	0	0	20	0
AMRITSAR	0530	234	1004.0	977.5	..	23.8	22.4	21.7	25.9	88	..	0.3	..	7.9	0	0	27	01	1	8	7	5	3	2	0	3	0
	0830	234	1005.1	979.0	+0.5	28.1	24.0	22.1	26.6	70	- 6	0.3	-1.6	9.0	0	2	27	00	1	7	9	5	5	2	0	1	0
	1130	234	1004.0	979.5	..	34.1	24.8	20.2	23.7	45	..	0.2	..	11.5	0	4	25	00	0	5	4	7	4	6	3	1	0
	1430	234	1002.8	977.5	..	36.2	25.0	19.3	22.4	38	..	0.6	..	12.3	0	5	24	02	2	1	3	6	2	4	9	1	0
	1730	234	1001.6	976.2	+0.2	34.9	25.5	20.9	24.7	45	- 8	0.4	-1.9	8.7	0	0	26	03	2	1	2	1	2	6	9	4	0
	2030	234	1002.9	976.9	..	29.0	25.1	23.3	28.6	72	..	0.2	..	4.2	0	0	17	02	3	8	1	0	1	0	2	13	0
ADAMPUR AERODROME	0830	249	1005.0	977.2	..	27.5	23.0	20.8	24.6	67	..	0.8	..	6.7	0	2	17	02	1	7	5	1	0	3	0	11	0
	1730	249	1002.1	974.9	..	33.1	24.0	19.8	23.1	46	..	0.8	..	11.2	0	3	24	06	1	0	0	2	0	7	11	3	0
LUDHIANA	0830	247	1005.3	977.9	+0.5	28.8	23.3	20.5	24.1	62	-12	0.2	-2.7	1.4	0	0	11	00	0	0	5	0	1	0	5	19	0
	1730	247	1001.4	974.7	+0.3	35.5	25.0	19.7	22.9	40	-13	0.3	-2.0	3.1	0	0	18	00	0	0	1	0	0	1	16	12	0
FEROZEPUR	0830	200	1006.0	983.7	+1.8	28.3	23.3	20.9	24.7	64	- 9	0.0	-1.7	1.3	0	0	14	02	1	0	3	4	1	1	2	16	0
	1730	200	1003.1	981.3	+2.1	36.4	24.9	19.0	22.0	37	-19	0.2	-1.6	1.3	0	0	19	06	1	0	0	2	0	0	10	11	0
HALWARA AERODROME	0530	242	1004.1	976.6	..	22.0	20.9	20.2	23.7	90	..	0.5	..	7.0	0	1	17	00	2	2	4	4	3	2	1	12	0
	0830	242	1005.1	978.2	..	27.8	23.1	20.7	24.4	66	..	0.6	..	11.5	0	3	22	02	0	1	8	1	3	7	2	5	1
	1130	242	1005.0	978.7	..	34.2	24.5	19.6	22.2	43	..	0.4	..	17.6	0	9	21	02	1	0	6	3	2	12	4	0	0
	1730	242	1001.7	975.5	..	34.9	24.4	19.0	22.0	40	..	0.3	..	12.1	0	1	24	03	0	0	3	0	1	3	15	5	0
	2330	242	1003.7	976.5	..	24.3	22.1	21.0	24.9	83	..	0.1	..	5.3	0	1	13	05	2	0	3	1	1	0	2	16	0
PATIALA	0830	251	1004.7	976.7	+0.2	26.9	23.4	21.7	25.9	73	- 3	0.8	-2.3	3.5	0	0	9	00	0	0	2	0	0	0	7	21	0
BHATINDA	0830	251	1002.2	974.7	+0.8	34.2	25.2	20.7	24.4	46	-12	0.7	-2.5	5.8	0	0	14	00	0	0	1	0	0	0	13	16	0
	1730	211	1004.8	981.4	..	31.4	23.1	18.2	20.9	46	-30	0.0	-1.3	3.1	0	0	24	00	0	0	9	0	8	0	7	6	0
HIMACHAL PRADESH	1730	211	1000.9	977.9	..	34.1	22.6	15.7	17.8	35	-27	0.0	-2.3	0.7	0	0	10	00	0	0	0	0	1	0	9	20	0
MANDI	0830	761	1006.7	923.1	+1.3	22.4	20.4	19.4	22.5	83	- 3	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	761	1001.4	919.7	+0.9	29.6	23.4	20.6	24.3	59	-14	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BILASPUR	0830	587	1005.9	941.2	+0.5	24.3	22.2	21.2	25.2	83	- 4	1.7	-2.8	0.6	0	0	8	00	2	0	3	0	1	0	2	22	0
	1730	587	1001.7	938.8	+1.0	31.6	23.7	20.0	23.5	50	-16	2.5	-1.8	4.5	0	0	26	01	1	0	1	0	13	0	10	4	0
JAMMU AND KASHMIR																											
MISGAR	0830		(R)																								
	1730		(R)																								
GILGIT	0830		(R)																								
	1730		(R)																								
SKARDU	0830		(R)																								
	1730		(R)																								
LEH	0530	3514	3121.7	667.2	..	4.0	1.1	2.5	7.3	63	..	0.6	..	4.8[b]	0	0	26	00	26	0	0	0	0	0	0	3	0
	0830	3514	3122.2	668.5	+1.2	13.7	6.2	- 2.0	5.1	33	-14	1.0	-1.9	0.9[b]	0	0	5	00	1	0	0	2	1	1	0	24	0
	1730	3514	3073.4	664.9	+1.2	20.6	9.8	0.2	6.2	27	- 5	1.4	-1.4	4.1	0	0	22	01	0	0	0	5	7	9	0	8	0
SRINAGAR	0230	1587	1469.6	838.5	..	14.8	12.9	11.6	13.7	82	..	0.2	..	1.0	0	0	13	00	0	0	10	0	0	0	3	17	0
	0530	1587	1470.4	838.4	..	13.5	12.0	10.6	12.8	82	..	0.5	..	1.7	0	0	17	00	0	0	12	0	0	0	5	13	0
	0830	1587	1490.3	840.2	+0.4	15.5	13.2	11.8	13.8	79	+ 2	0.9	-1.6	1.4	0	0	16	00	0	2	10	0	0	1	3	14	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															38 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
JAMMU AND KASHMIR (CONTD.)																											
SRINAGAR	1130	1587	1482.7	840.1	..	25.2	17.6	12.8	14.8	46	..	1.3	..	2.1	0	0	21	05	2	2	1	0	0	2	9	9	0
	1430	1587	1457.0	837.9	..	28.9	18.3	11.7	13.7	36	..	1.9	..	4.3	0	1	27	00	1	0	5	0	0	3	19	2	0
	1730	1587	1444.6	836.9	+0.3	25.6	17.1	12.1	14.1	44	- 3	2.5	-0.4	1.5	0	0	13	00	0	0	2	0	1	2	8	17	0
	2030	1587	1460.4	837.8	..	20.1	16.0	13.5	15.5	65	..	1.3	..	0.9	0	0	10	00	0	0	4	0	0	0	6	20	0
	2330	1587	1468.7	838.5	..	17.3	14.3	12.1	14.1	74	..	0.3	..	1.3	0	0	13	00	0	0	6	0	0	0	7	17	0
SRINAGAR AERODROME	0530	1666	1478.4	831.3	..	13.1	10.5	8.4	11.0	74	..	0.9	..	3.6	0	0	12	00	0	0	0	2	5	3	2	18	0
	0830	1666	1487.7	832.5	..	18.2	13.1	9.5	11.9	55	..	1.2	..	2.7	0	0	13	03	0	1	0	3	2	1	2	17	1
	1130	1666	1481.7	832.4	..	24.4	15.9	10.4	12.6	41	..	1.8	..	7.9	0	0	25	06	1	6	1	1	3	3	1	5	3
	1730	1666	1445.1	829.3	..	26.7	16.5	9.5	11.9	35	..	2.6	..	8.6	0	1	24	06	0	6	0	3	1	6	2	5	1
	2330	1666	1472.9	830.9	..	16.8	12.8	9.8	12.1	64	..	0.7	..	6.3	0	0	20	01	0	2	0	1	3	8	4	10	1
GULMARG	0830	2655	3125.6	740.2	+0.6	13.9	9.4	5.5	9.0	58	-21	1.1	-1.2	0.9	0	0	7	00	6	0	0	0	0	0	1	23	0
	1730	2655	3113.5	739.0	..	17.1	12.4	9.3	11.7	61	..	2.8	..	3.0	0	0	18	01	7	0	1	0	1	0	8	12	0
QAZIGUND	0830		..	..	..	15.3	12.7	10.9	13.0	75	..	0.5	..	0.4	0	0	3	00	0	1	0	1	0	1	0	27	0
	1730		..	..	..	25.3	17.4	12.8	14.8	48	..	2.5	..	4.6	0	0	18	00	0	0	0	2	3	13	0	12	0
BANIHAL	0830	1630	1482.4	835.5	..	16.0	13.6	12.1	14.1	76	..	1.2	..	0.3	0	0	2	00	0	0	0	2	0	0	0	28	0
	1730	1630	1450.8	832.8	..	23.2	17.7	14.5	16.5	57	..	2.2	..	1.9	0	0	10	01	0	0	0	9	0	0	0	20	0
JAMMU	0830	366	1002.7	962.1	..	26.9	22.5	20.1	23.5	67	- 4	0.7	-1.8	4.1	0	0	30	00	28	0	2	0	0	0	0	0	0
	1730	366	1003.1	963.2	..	34.6	25.7	22.2	26.7	48	..	1.0	..	1.4	0	0	7	02	5	0	0	0	0	0	0	21	0
JAMMU AERODROME	0530	292	1003.9	970.9	..	24.8	21.4	19.4	22.5	72	..	1.1	..	4.9	0	0	19	10	9	0	0	0	0	0	0	11	0
	0830	292	1005.2	972.4	..	27.5	22.7	20.1	23.5	64	..	1.2	..	5.8	0	0	23	01	19	1	1	1	0	0	0	7	0
	1130	292	1004.9	972.9	..	33.3	24.6	20.2	23.7	47	..	1.0	..	7.3	0	0	25	00	0	0	5	11	8	1	0	5	0
	1730	292	1001.5	969.8	..	34.1	24.7	20.2	23.7	44	..	1.3	..	4.0	0	0	18	01	0	0	0	0	11	6	0	12	0
	2330	292	1003.3	970.7	..	27.1	22.6	20.1	23.5	66	..	0.4	..	4.4	0	0	19	01	17	0	0	0	1	0	0	11	0
GULMARG (RESEARCH INSTITUTE)	0830		..	..	..	13.8	8.6	3.4	7.8	51	..	1.2	..	2.3	0	0	21	00	3	4	2	2	0	9	1	9	0
	1130		..	..	..	18.4	12.3	7.5	10.4	50	..	1.9	..	2.7	0	0	27	02	0	12	2	1	1	8	1	3	0
	1730		..	..	..	17.1	10.9	5.6	9.1	48	..	2.9	..	4.1	0	0	27	00	1	10	0	2	0	10	0	3	4
RAJASTHAN, WEST																											
GANGANAGAR	0530	177	(R)																								
	0830	177	1005.0	985.2	+0.5	27.9	21.4	17.8	20.4	55	-12	0.1	-1.0	1.3	0	0	14	00	0	0	2	0	8	4	0	16	0
	1130	177	(R)																								
	1730	177	1001.2	982.1	+0.5	38.0	25.9	19.8	23.1	37	- 5	0.1	-1.5	0.2	0	0	3	00	0	0	0	0	3	0	0	27	0
	2330	177	1003.2	983.4	..	28.3	22.0	18.6	21.4	56	..	0.0	..	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
ANUPGARH	0830		(R)																								
	1730		(R)																								
CHURU	0830	291	1005.9	973.5	+1.3	28.2	23.6	21.1	25.0	67	- 8	0.5	-2.2	11.5	0	2	28	00	0	1	0	2	3	21	3	0	0
	1730	291	1001.7	970.3	+1.1	36.6	27.9	24.0	29.8	50	- 3	1.4	-2.0	9.4	0	1	29	05	0	0	0	1	0	20	4	0	0
BIKANER	0830	224	1006.0	981.1	+1.5	29.6	23.2	20.1	23.5	57	-12	0.4	-0.6	8.1	0	0	29	01	0	0	0	3	17	4	4	1	0
	1730	224	1002.0	977.8	+1.1	37.6	24.2	16.4	18.6	31	-13	1.6	-0.2	5.3	0	0	27	01	1	0	0	2	11	9	3	3	0
BIKANER P.B.O	0530	224	1004.3	979.3	..	27.5	19.6	14.3	16.3	45	..	0.3	..	6.7	0	0	24	00	0	0	1	1	12	10	0	6	0
	1130	224	1005.8	981.5	..	35.2	22.3	14.4	16.4	31	..	0.5	..	7.3	0	0	30	02	0	0	0	0	15	8	5	0	0
	1430	224	1002.9	978.7	..	38.3	22.2	11.3	13.4	21	..	1.7	..	7.5	0	0	30	02	0	0	1	4	9	10	4	0	0
	2030	224	1003.1	978.4	..	33.9	21.1	12.5	14.5	28	..	0.6	..	3.2	0	0	19	01	0	0	0	1	12	4	1	11	0
	2330	224	1003.8	979.0	..	31.2	20.2	12.5	14.5	32	..	0.4	..	3.8	0	0	19	00	0	0	0	2	16	1	0	11	0
NAGAUR	0830	298	1006.4	973.5	+2.6	29.5	23.5	20.3	23.8	58	-14	0.6	-2.3	8.2	0	0	30	01	0	0	0	2	9	11	7	0	0
	1730	298	1001.7	969.6	+1.7	36.4	24.9	19.4	22.5	37	-18	1.9	-1.9	7.9	0	0	30	01	1	1	0	8	12	6	1	0	0
PHALODI	0830	234	1006.0	979.9	+0.6	28.5	23.5	21.1	25.0	65	-12	0.5	-1.5	17.1	0	10	20	00	0	0	0	4	10	15	1	0	0
	1730	234	1003.4	978.2	+1.5	37.4	25.5	19.6	22.8	36	-14	1.8	-0.8	13.7	0	2	28	01	0	0	2	7	11	8	1	0	0
JAISALMER	0830	242	1005.8	978.6	+1.2	25.5	..	..	..	..	..	.	..	17.8	0	14	16	00	0	0	1	13	16	0	0	0	0
	1730	242	1001.4	975.2	+0.8	36.9	..	..	..	..	..	.	..	17.7	0	14	16	00	0	0	0	10	15	4	1	0	0
JODHPUR	0230	224	1004.8	979.8	+5.4	28.7	21.2	16.5	18.8	48	- 1	0.3	-1.8	12.4	0	6	23	00	0	0	0	1	6	20	2	1	0
	0530	224	1005.2	980.1	..	27.3	20.9	17.0	19.4	54	..	0.7	..	10.8	0	2	27	00	0	0	0	1	7	17	4	1	0
	0830	224	1007.1	982.1	+1.5	28.7	22.3	18.8	21.7	55	-19	1.3	-1.9	13.5	0	1	29	00	0	0	0	0	9	16	5	0	0
	1130	224	1007.0	982.4	..	34.5	23.9	18.1	20.8	38	..	1.0	..	15.9	0	1	29	01	0	0	0	0	9	16	4	0	0
	1430	224	1004.1	979.8	..	37.9	24.3	16.7	19.0	29	..	3.0	..	15.2	0	4	26	01	0	0	0	1	10	12	6	0	0
	1730	224	1002.7	978.4	+1.0	37.4	24.0	16.3	18.5	30	-18	3.0	-0.7	13.9	0	1	28	02	0	0	0	0	12	11	4	1	0
	2030	224	1004.1	979.5	..	33.4	22.9	16.8	19.1	37	..	1.5	..	8.0	0	0	28	00	0	0	0	0	13	13	2	2	0
	2330	224	1005.1	980.3	..	30.9	21.7	16.3	18.5	42	..	0.8	..	11.5	0	1	28	00	0	0	0	1	10	16	1	1	1
BARMER	0530	194	1004.7	982.8	..	25.6	21.5	19.2	22.2	68	..	0.5	..	10.2	0	0	30	00	0	0	0	2	14	13	1	0	0
	0830	194	1006.3	984.5	+0.9	27.8	22.8	20.2	23.7	64	-11	0.8	-1.9	6.0	0	0	30	00	0	0	0	1	1	15	13	0	0
	1130	194	1006.4	985.0	..	33.7	23.8	18.4	21.1	41	..	0.6	..	5.9	0	0	29	00	0	0	0	0	20	8	1	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry Bulb	Mean temperature in °C: Wet Bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	Wind Speed (Km. p. h.): 62 or more	Wind Speed (Km. p. h.): 20 to 61	Wind Speed (Km. p. h.): 1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
RAJASTHAN WEST (CONTD)																											
BARMER	1730	194	1002.2	981.2	+0.7	36.8	25.3	19.6	22.8	37	-10	2.3	-0.6	5.6	0	0	29	01	0	0	0	3	18	5	2	1	0
	2330	194	1004.6	983.2	..	31.5	24.1	20.3	23.8	52	..	0.2	..	5.7	0	0	28	00	0	0	0	2	15	10	1	2	0
JAWAI BANDH	0830	295	1007.3	974.5	+2.1	28.6	23.6	21.1	25.0	64	-17	2.1	-2.5	2.3	0	0	27	00	0	0	3	9	12	3	0	3	0
	1730	295	1003.9	971.5	+2.2	32.5	25.1	21.3	25.3	53	-12	3.7	-1.5	2.4	0	0	25	01	0	3	4	3	4	8	2	5	0
JALORE	0830		..	..	..	29.8	23.3	19.8	23.1	52	..	.	..	9.6	0	1	29	00	2	2	2	1	8	12	3	0	0
	1730		..	..	..	35.5	24.2	18.3	21.0	38	..	.	..	11.6	0	3	27	00	1	1	4	3	8	8	5	0	0
RAJASTHAN, EAST																											
PILANI	0830	301	1006.0	972.5	+1.5	27.0	22.9	20.7	24.4	69	- 5	1.2	-0.7	15.6	0	10	20	00	0	1	1	2	12	12	2	0	0
	1730	301	1001.8	969.5	+1.3	36.8	26.0	20.7	24.4	40	-20	3.1	+0.8	13.9	0	4	26	02	3	1	0	0	4	9	11	0	0
SIKAR	0830	433	1005.5	957.9	+0.6	26.9	21.3	18.0	20.6	59	+18	0.1	-2.8	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	1730	433	1001.4	955.0	+0.8	35.0	21.9	13.4	15.4	28	-36	1.1	-2.6	0.7	0	0	10	00	0	0	0	0	0	8	2	20	0
ALWAR	0830	271	1004.7	974.8	+0.2	29.5	23.4	20.3	23.8	59	-16	1.4	-2.1	1.9	0	0	16	00	1	0	0	0	1	9	5	14	0
	1730	271	1001.1	971.7	+0.3	34.8	24.7	19.6	22.8	42	-20	2.5	-1.6	1.7	0	0	20	02	5	0	1	0	3	6	3	10	0
JAIPUR (SANGANER)	0230	390	1004.3	960.9	..	25.3	20.8	18.2	20.9	65	..	1.1	..	1.7	0	0	14	03	0	2	0	0	0	1	7	16	1
	0530	390	1004.8	961.2	..	24.1	20.4	18.2	20.9	71	..	1.3	..	2.9	0	0	19	05	0	0	1	0	0	1	12	11	0
	0830	390	1005.8	962.7	+0.6	28.3	22.1	18.7	21.6	57	-17	1.3	-1.7	5.9	0	0	21	04	0	1	0	0	0	1	15	9	0
	1130	390	1005.1	962.8	..	33.6	22.9	16.7	19.0	37	..	1.3	..	12.0	0	2	28	06	1	0	0	0	1	4	18	0	0
	1430	390	1002.5	960.6	..	35.8	22.8	14.9	16.9	29	..	2.9	..	11.5	0	2	28	05	1	1	0	0	0	6	17	0	0
	1730	390	1001.7	959.6	+0.4	34.4	22.5	15.2	17.3	33	-24	3.1	-0.8	9.1	0	0	29	01	3	1	0	0	0	10	14	1	0
	2030	390	1003.5	960.7	..	29.2	21.8	17.5	20.0	50	..	1.6	..	2.5	0	0	19	01	0	3	2	0	0	2	11	11	0
	2330	390	1004.6	961.4	..	26.9	21.4	18.2	20.9	59	..	1.2	..	2.0	0	0	16	02	0	3	2	1	0	3	5	14	0
DHOLPUR	0830	176	1004.9	985.2	+1.5	28.5	23.7	21.3	25.3	65	-16	1.0	-3.0	1.1	0	0	8	00	0	1	0	0	0	7	0	22	0
	1730	176	1000.9	981.6	+1.1	33.3	25.0	20.9	24.7	52	-15	0.7	-3.6	0.5	0	0	6	01	0	0	0	0	0	5	0	24	0
AJMER	0830	486	1006.4	953.1	+1.2	28.1	21.1	17.3	19.7	52	-18	1.4	-1.9	11.5	0	2	25	02	0	0	0	0	9	12	4	2	0
	1730	486	1001.9	950.0	+0.9	34.7	22.2	15.3	17.4	32	-21	2.2	-1.2	8.3	0	0	30	06	1	0	0	0	4	7	12	0	0
TONK	0830	272	1005.1	975.1	+1.9	28.9	22.9	19.7	22.9	58	-27	1.4	-2.2	3.6	0	0	30	02	0	1	1	1	1	17	7	0	0
	1730	272	1000.1	971.4	+1.1	34.8	23.3	16.4	18.6	37	-30	3.5	-0.6	5.4	0	0	29	01	3	0	1	0	0	10	14	1	0
BHILWARA	0830	425	1006.7	959.8	..	27.7	22.2	19.0	22.0	59	..	2.6	..	6.4	0	0	30	03	0	0	0	0	10	6	11	0	0
	1730	425	1002.9	957.0	..	33.4	22.7	16.3	18.5	38	..	5.2	..	4.5	0	0	28	01	1	0	1	0	8	3	14	2	0
KOTA	0830	257	1006.2	977.7	+0.9	29.6	23.5	20.4	24.0	58	-15	3.1	-0.5	10.0	0	0	25	00	0	0	0	0	0	11	14	5	0
	1730	257	1002.0	974.2	+0.5	34.7	24.3	18.6	21.4	41	-17	4.3	-0.1	4.5	0	0	22	03	0	2	0	0	0	4	13	8	0
KOTA AERODROME	0530	274	1004.8	974.3	..	26.6	22.0	19.3	22.4	64	..	1.8	..	7.5	0	1	25	03	0	0	0	2	0	21	0	4	0
	0830	274	1006.3	976.0	..	29.7	22.6	18.6	21.5	20	..	2.8	..	15.3	0	11	16	01	0	1	0	0	2	15	8	3	0
	1130	274	1005.9	976.0	..	33.4	23.2	17.3	19.7	38	..	2.9	..	20.4	0	19	10	12	1	0	0	0	1	6	9	1	0
	1730	274	1002.1	972.5	..	35.1	23.0	15.9	18.1	33	..	4.0	..	14.8	0	8	22	07	2	4	1	0	2	7	7	0	0
	2330	274	1005.2	974.9	..	29.7	22.7	18.7	21.6	53	..	1.8	..	14.0	0	8	20	02	0	1	5	3	5	10	2	2	0
CHAMBAL (RAWAT BHATTA DAM)	0830	351	1005.4	966.4	+0.4	27.8	23.0	20.4	24.0	64	-17	2.0	-2.5	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	1730	351	1000.9	962.9	-0.1	34.0	23.6	17.9	20.5	40	-28	3.1	-1.8	2.7	0	0	24	00	1	0	2	1	14	0	6	6	0
UDAIPUR	0230	582	1006.1	941.9	..	24.2	21.5	19.4	22.5	76	..	0.6	..	0.9	0	0	5	00	0	0	0	0	3	2	0	25	0
	0530	582	1006.3	941.9	..	23.5	20.5	19.0	22.0	77	..	1.7	..	0.7	0	0	4	00	0	0	0	1	1	0	2	26	0
	0830	582	1007.2	943.5	+1.6	27.0	21.8	19.3	22.4	63	-13	1.8	-2.1	1.7	0	0	14	01	0	0	0	0	4	0	9	16	0
	1130	582	1006.4	943.6	..	31.5	22.9	18.8	21.7	47	..	2.7	..	5.0	0	0	27	02	2	0	1	4	7	3	8	3	0
	1730	582	1003.9	941.0	+1.5	29.6	22.8	19.4	22.5	56	- 9	4.7	-0.5	4.7	0	0	24	00	0	1	0	4	9	9	1	6	0
	2330	582	1007.0	942.7	..	24.7	21.6	20.0	23.4	76	..	0.6	..	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
JHALAWAR	0830	321	1006.8	971.2	+1.5	28.3	22.9	20.2	23.7	61	-20	3.0	-0.6	2.9	0	0	23	01	2	0	0	0	6	13	1	7	0
	1730	321	1002.0	967.3	+0.7	34.1	23.0	16.4	18.6	37	-25	4.7	+0.8	4.0	0	0	25	03	4	0	1	0	4	8	5	5	0
BANSWARA	0830		..	..	..	26.4	23.5	22.0	26.4	77	..	0.9	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	33.0	24.7	20.9	24.7	50	..	1.1	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
DUNGARPUR	0830		..	..	..	26.5	23.8	22.6	27.4	77	..	2.3	..	0.1	0	0	2	00	0	0	0	0	1	1	0	28	0
	1730		..	..	..	29.7	24.9	22.5	27.3	65	..	2.5	..	0.5	0	0	5	00	0	0	0	0	2	1	2	25	0
MADHYA PRADESH, WEST																											
GWALIOR	0230	207	1003.9	980.6	..	26.1	22.6	20.7	24.4	73	..	1.9	..	4.4	0	0	23	00	0	0	2	4	9	7	1	7	0
	0530	207	1004.2	981.0	..	25.3	22.2	20.4	24.1	75	..	3.0	..	4.0	0	0	20	02	0	0	3	3	1	8	3	10	0
	0830	207	1005.6	982.6	+0.9	29.2	23.7	20.9	24.7	63	-12	3.2	-0.8	7.8	0	0	28	01	1	1	2	2	0	11	10	2	0
	1130	207	1005.4	982.6	..	32.7	24.6	20.5	24.4	50	..	3.1	..	9.5	0	0	30	04	3	0	1	2	0	1	19	0	0
	1430	207	1003.0	980.4	..	34.2	24.6	19.5	23.1	44	..	3.5	..	9.4	0	1	29	06	3	2	1	1	0	5	12	0	0
	1730	207	1002.1	979.5	+0.7	32.6	24.5	20.5	24.1	51	-14	3.6	-0.9	6.7	0	0	29	04	5	1	2	2	0	5	10	1	0
	2030	207	1003.8	980.8	..	28.4	24.0	21.8	26.3	69	..	2.0	..	3.5	0	0	20	01	0	1	2	7	7	1	1	10	0
	2330	207	1004.5	981.3	..	26.6	23.1	21.2	25.3	73	..	2.1	..	4.1	0	0	23	00	2	0	1	6	7	6	1	7	0
SHEOPUR	0830	235	1006.4	980.1	+1.6	27.4	23.4	21.4	25.5	70	-11	2.8	-1.9	5.0	0	0	29	01	4	2	2	14	2	4	0	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS · ..MBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lat. in gen. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															40 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH, WEST (CONTD)																											
SHEOPUR	1730	235	1002.0	976.4	+1.1	34.0	24.3	19.1	22.4	42	-25	2.4	-2.2	7.8	0	0	30	06	10	2	3	1	0	4	4	0	0
SHIVPURI	0830	464	1006.1	955.0	..	27.3	22.5	20.1	23.7	66	..	2.5	..	5.1	0	1	22	00	2	0	0	0	1	17	3	7	0
	1730	464	1002.1	951.8	..	31.4	22.8	18.4	21.4	49	..	3.5	..	9.3	0	1	27	08	4	0	0	1	0	8	7	2	0
NOWGONG	0830	229	1006.2	980.7	+1.1	27.6	24.2	22.5	27.4	75	- 7	3.4	-0.8	3.7	0	0	26	02	3	1	0	4	8	6	2	4	0
	1730	229	1002.2	977.1	+0.8	32.4	25.0	21.4	25.6	56	-12	3.6	-1.2	3.9	0	0	21	04	1	1	0	0	5	0	6	9	4
GUNA	0530	478	1005.7	952.4	..	23.3	21.4	20.4	24.1	84	..	3.8	..	4.0	0	0	20	01	1	1	2	3	5	3	4	10	0
	0830	478	1006.6	953.9	+1.2	27.0	23.1	21.3	25.3	72	-14	3.0	-1.3	7.2	0	0	30	02	0	4	0	0	0	23	1	0	0
	1130	478	1005.9	953.9	..	31.2	24.7	20.7	25.0	55	..	3.4	..	10.8	0	1	28	07	1	1	1	0	0	11	8	1	0
	1430	478	1003.1	951.5	..	32.6	24.2	20.2	24.0	53	..	4.1	..	12.1	0	3	27	17	1	1	1	0	0	5	5	0	0
	1730	478	1002.5	950.6	+0.8	30.7	23.5	20.3	23.7	55	-15	4.9	+0.3	10.1	0	0	30	12	2	1	3	0	0	2	10	0	0
	2330	478	1005.8	952.9	..	25.3	22.3	20.9	24.7	77	..	2.7	..	5.2	0	0	24	02	1	4	7	2	1	7	0	6	0
NIMACH	0830	496	1007.9	953.1	+1.6	26.1	22.2	20.3	23.8	71	-10	3.4	-1.2	7.7	0	1	28	01	2	0	0	0	10	14	2	1	0
	1730	496	1003.7	950.1	+1.1	31.8	22.0	16.9	19.3	41	-24	4.4	-0.7	10.5	0	3	27	03	6	0	1	1	5	11	1	0	2
RAJGARH	0830	382	1006.8	964.5	+2.2	26.5	23.3	21.7	25.9	75	- 9	2.1	-2.8	8.2	0	0	29	08	0	0	0	2	0	19	0	1	0
	1730	382	1002.1	960.8	+1.1	32.3	24.0	18.6	22.9	49	-18	2.8	-2.1	9.0	0	0	29	11	4	2	0	0	0	7	5	1	0
SAGAR	0830	551	1005.7	945.1	+0.8	26.1	21.6	19.3	22.4	67	-16	3.3	-1.6	8.6	0	0	30	00	4	4	0	0	4	12	6	0	0
	1730	551	1002.2	942.5	+1.1	29.3	25.1	23.3	28.8	71	- 2	4.2	-1.2	9.9	0	0	30	00	10	10	1	0	1	4	4	0	0
RATLAM	0830	486	1007.9	954.0	+1.6	25.7	23.2	22.1	26.6	82	- 5	4.9	-1.1	11.2	0	0	30	00	0	1	0	0	6	18	5	0	0
	1730	486	1003.7	950.8	+1.0	30.4	24.8	22.5	27.1	63	- 4	5.8	-0.3	14.0	0	4	26	00	0	1	0	0	1	15	13	0	0
BHOPAL (BAIRAGARH)	0230	523	1005.3	947.3	..	24.0	21.3	19.9	23.2	78	..	4.5	..	6.9	0	0	25	00	1	0	0	1	4	12	7	5	0
	0530	523	1005.7	947.6	..	23.3	20.9	19.7	22.9	81	..	5.3	..	7.9	0	1	23	02	0	0	0	0	4	8	10	6	0
	0830	523	1007.0	949.3	+1.0	26.2	22.4	20.6	24.3	72	-11	5.1	+0.1	14.5	0	6	22	02	1	0	0	0	2	5	18	2	0
	1130	523	1005.9	949.1	..	30.4	23.5	20.4	23.8	56	..	4.3	..	13.3	0	4	26	07	3	0	0	0	1	5	14	0	0
	1430	523	1003.0	946.6	..	31.7	23.2	19.1	22.1	49	..	5.8	..	12.9	0	5	24	08	4	0	2	0	0	5	10	1	0
	1730	523	1002.6	945.9	+0.7	30.0	22.5	18.6	21.8	54	-12	5.8	+0.4	10.1	0	0	29	09	3	3	0	1	1	4	8	1	0
	2030	523	1005.1	947.6	..	26.8	22.1	19.8	23.2	67	..	5.1	..	5.3	0	0	18	04	3	1	1	1	1	4	3	12	0
	2330	523	1005.9	948.2	..	25.2	21.8	19.9	23.7	73	..	4.9	..	5.6	0	0	20	02	0	0	0	3	4	8	3	10	0
UJJAIN	0830	489	1007.7	953.3	..	25.0	22.5	21.4	25.3	81	..	5.0	..	11.2	0	2	25	00	0	0	0	0	0	20	7	3	0
	1730	489	1003.0	949.9	..	30.9	23.6	20.1	23.8	54	..	6.0	..	9.7	0	4	23	03	3	2	0	0	0	11	8	3	0
NARSINGHPUR	0830	356	1006.4	966.8	..	26.6	24.0	22.9	27.7	81	..	3.8	..	2.0	0	0	25	00	1	0	0	0	10	13	1	5	0
	1730	356	1002.0	963.2	..	30.8	24.9	22.0	26.6	61	..	5.4	..	3.0	0	0	28	01	5	1	0	0	7	11	3	2	0
HOSHANGABAD	0830	302	1007.5	973.7	+1.5	25.8	23.5	22.3	26.9	82	- 3	4.5	-1.0	2.7	0	0	30	00	1	0	0	0	23	6	0	0	0
	1730	302	1003.0	969.9	+1.0	30.3	24.4	21.5	25.6	62	- 8	4.7	-1.0	2.2	0	0	29	01	2	0	9	5	9	1	2	1	0
INDORE	0530	567	1006.5	943.4	..	22.2	20.7	19.9	23.2	86	..	3.5	..	13.4	0	4	26	01	0	0	0	0	6	21	2	0	0
	0830	567	1007.7	945.1	+1.4	24.6	22.0	20.7	24.6	79	- 6	3.8	-1.8	15.3	0	6	24	01	1	0	0	0	1	22	5	0	0
	1130	567	1006.8	945.0	..	29.0	23.4	20.8	24.7	62	..	3.5	..	13.6	0	3	26	06	0	1	0	0	0	11	11	1	0
	1730	567	1003.5	941.8	+1.0	28.2	22.3	19.4	22.7	61	- 6	6.4	+0.6	15.0	0	5	23	04	1	3	0	1	5	12	2	2	0
	2330	567	1006.9	944.2	..	24.1	21.5	20.2	23.7	79	..	4.6	..	12.2	0	0	30	00	1	0	0	0	10	18	1	0	0
RAJPUR (JHABUA)	0830	293	1009.1	976.2	+2.1	25.7	23.3	22.1	26.6	81	- 7	4.4	-1.5	9.4	0	3	21	00	0	0	0	0	1	23	0	6	0
	1730	293	1005.0	972.9	+1.9	31.7	24.7	21.1	25.3	54	-15	4.6	-0.8	6.3	0	0	25	00	0	0	0	0	1	24	0	5	0
CHHINDWARA	0830	685	1006.2	931.4	+1.1	25.4	22.4	20.9	24.9	78	- 4	3.3	-1.7	4.8	0	0	29	11	0	2	0	0	1	14	1	1	0
	1730	685	1002.0	928.1	+0.5	27.4	22.8	20.8	24.4	71	- 1	6.2	+0.4	2.6	0	0	27	01	5	0	0	1	5	4	11	3	0
SEONI	0830	619	1006.2	938.4	+1.1	25.5	22.7	21.4	25.5	78	- 3	4.6	-0.7	7.3	0	1	27	05	2	2	0	0	6	4	9	2	0
	1730	619	1002.5	935.4	+0.8	27.9	23.4	21.3	25.3	69	- 3	5.4	-0.7	8.9	0	2	28	11	1	4	0	2	1	3	8	0	0
BETUL	0830	653	1007.4	935.6	+1.2	24.5	22.1	21.0	24.9	81	- 4	4.1	-2.0	5.7	0	0	30	01	1	0	2	0	1	11	14	0	0
	1730	653	1003.0	932.3	+1.0	27.6	23.1	20.9	25.0	69	- 6	6.0	-0.6	4.1	0	0	29	08	2	1	1	0	0	7	10	1	0
KHANDWA	0830	318	1007.7	972.0	+1.2	25.6	22.8	21.4	25.5	78	- 4	3.7	-1.4	7.5	0	0	27	01	0	0	0	0	3	11	12	3	0
	1730	318	1003.0	968.2	+0.8	31.3	24.1	20.5	24.1	54	-12	5.3	-0.4	6.5	0	2	28	13	1	3	0	1	2	2	8	0	0
TIKAMGARH	0830	346	1002.3	963.8	..	25.2	23.2	22.2	26.7	83	..	3.3	..	4.5	0	0	30	02	3	0	1	0	8	15	1	0	0
	1730	346	1000.2	962.5	..	31.4	24.5	21.0	25.0	56	..	4.1	..	5.9	0	0	30	05	7	0	0	0	4	8	6	0	0
MADHYA PRADESH, EAST																											
SATNA	0530	317	1004.2	968.7	..	24.6	22.7	21.7	25.9	84	..	3.3	..	2.1	0	0	18	02	1	0	0	2	2	9	2	12	0
	0830	317	1005.4	970.3	+0.9	28.5	24.3	22.2	26.9	70	-12	2.6	-1.9	2.3	0	0	26	01	1	4	1	0	3	15	1	4	0
	1130	317	1004.7	970.0	..	32.3	24.9	21.2	25.3	54	..	3.3	..	4.3	0	0	29	03	2	4	0	4	0	7	9	1	0
	1430	317	1002.0	967.5	..	33.4	24.5	19.9	23.5	47	..	4.4	..	4.4	0	0	29	02	2	3	0	1	1	7	13	1	0
	1730	317	1001.5	966.8	+0.4	31.3	24.2	20.6	24.4	56	-16	3.7	-1.5	3.7	0	0	30	10	0	0	0	4	0	11	5	0	0
	2330	317	1004.6	969.3	..	26.7	23.6	22.0	26.6	76	..	1.3	..	3.2	0	0	25	04	0	2	1	3	1	13	1	5	0
REWA	0830	299	1005.0	971.9	..	28.8	24.4	22.3	26.9	69	..	3.2	..	3.2	0	0	28	01	3	2	0	2	4	9	7	2	0
	1730	299	1001.3	968.7	..	32.1	24.3	20.1	24.0	53	..	4.5	..	3.4	0	0	28	09	3	0	0	2	0	5	9	1	0
SIDHI	0830	272	1004.2	974.0	+1.0	28.2	25.1	23.6	29.3	77	- 5	2.2	-2.6	1.0	0	0	11	00	2	3	0	3	3	0	0	19	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — SEPTEMBER,1968 (BHADRA 10 - ASVINA 8,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH,EAST (CONTD.)																											
SIDHI	1730	272	1000.9	971.2	+1.3	31.6	25.1	21.9	26.6	60	-13	3.0	-1.9	1.1	0	0	11	00	4	1	0	5	1	0	0	19	0
UMARIA	0830	459	1005.7	955.1	+0.9	27.0	23.6	22.0	26.6	75	- 6	3.3	-2.2	2.5	0	0	27	03	0	2	1	1	8	9	1	3	2
	1730	459	1001.5	951.6	+0.4	29.7	24.4	22.0	26.6	65	-11	6.0	+0.0	2.7	0	0	27	03	3	1	0	0	4	10	6	3	0
JABALPUR	0530	393	1004.9	961.1	..	24.6	23.0	22.2	26.7	87	..	5.1	..	1.1	0	0	10	00	2	0	0	3	4	0	1	20	0
	0830	393	1006.3	962.8	+1.1	27.1	24.0	22.5	27.3	76	- 6	3.9	-1.5	4.0	0	0	26	02	2	0	0	4	6	10	2	4	0
	1130	393	1005.4	962.5	..	30.8	25.2	22.7	27.4	63	..	4.0	..	4.1	0	0	25	01	3	0	0	3	2	9	8	5	0
	1430	393	1002.5	959.9	..	32.3	25.2	21.8	26.3	55	..	4.9	..	4.8	0	0	27	05	5	0	1	0	1	5	10	3	0
	1730	393	1002.1	959.3	+1.1	30.6	24.9	22.1	26.9	62	- 9	6.1	+0.2	3.4	0	0	21	03	3	2	1	1	2	0	9	9	0
	2030	393	1004.5	961.2	..	27.7	24.5	22.9	28.1	76	..	4.4	..	2.6	0	0	17	01	3	2	0	4	4	3	0	13	0
	2330	393	1005.1	961.6	..	26.3	23.9	22.8	27.7	81	..	4.0	..	1.5	0	0	12	01	4	0	2	3	0	2	0	18	0
AMBIKAPUR	0830	611	1005.4	938.7	+0.7	26.7	23.3	21.8	26.1	75	-10	3.4	-1.0	4.7	0	0	26	07	2	1	3	8	4	1	0	4	0
	1730	611	1001.3	935.4	+0.2	28.7	23.2	20.6	24.4	63	-15	4.8	+0.1	6.4	0	0	30	14	3	3	0	3	0	7	0	0	0
JASHPURNAGAR	0830	779	1005.4	921.1	..	25.8	22.4	20.8	24.6	75	..	3.4	..	2.4	0	0	22	04	7	0	2	1	5	0	3	8	0
	1730	779	1001.5	917.9	..	27.0	22.4	20.1	23.7	68	..	4.2	..	1.5	0	0	19	05	5	0	0	1	4	1	3	11	0
PENDRA	0530	625	1004.7	935.8	..	23.1	21.5	20.6	24.4	86	..	3.8	..	4.2	0	2	15	06	0	1	0	7	0	0	3	13	0
	0830	625	1005.8	937.5	+0.8	26.0	22.9	21.5	25.6	77	- 7	3.1	-1.3	5.5	0	1	20	06	1	0	0	6	1	0	7	9	0
	1130	625	1004.7	937.1	..	28.9	23.8	21.4	25.6	66	..	3.6	..	6.9	0	0	25	08	3	0	1	6	2	2	3	5	0
	1430	625	1001.9	934.6	..	29.4	23.4	20.6	24.4	62	..	4.0	..	9.2	0	2	26	14	2	0	1	5	1	1	4	2	0
	1730	625	1002.2	934.5	+0.7	27.4	23.1	21.0	25.0	71	- 9	4.6	-1.8	4.2	0	0	22	13	0	0	0	3	4	1	1	8	0
	2330	625	1005.3	936.7	..	24.3	22.2	21.3	25.3	84	..	3.6	..	4.2	0	1	20	05	0	0	1	8	3	2	2	9	0
MANDLA	0830	443	1006.0	957.0	+0.7	26.1	23.7	22.6	27.3	81	- 5	4.5	-0.9	3.2	0	0	14	06	0	0	0	5	1	0	2	16	0
	1730	443	1002.0	953.7	+0.5	29.1	24.1	21.8	25.9	66	- 9	4.6	-1.2	2.7	0	0	11	04	0	0	0	2	1	0	4	19	0
CHAMPA	0830	245	1005.8	978.4	+0.5	27.5	25.1	24.0	29.8	82	- 1	4.7	-1.4	2.3	0	0	22	03	3	6	0	3	3	3	1	8	0
	1730	245	1001.6	974.6	-0.3	30.4	25.4	23.2	28.3	67	- 8	6.5	-0.2	4.1	0	0	25	06	3	2	1	5	2	5	1	5	0
RAIGARH	0830	220	1005.8	981.3	+1.0	28.5	25.5	24.1	30.2	78	- 5	5.3	-0.9	3.9	0	0	30	01	9	0	8	0	8	1	3	0	0
	1730	220	1002.3	978.0	+1.0	30.1	25.5	23.5	28.9	69	- 5	6.7	+0.2	2.3	0	0	24	01	5	0	3	0	13	0	2	6	0
RAIPUR	0530	298	1004.4	971.0	..	25.5	24.0	23.3	28.6	88	..	4.9	..	4.0	0	0	24	03	3	1	0	6	5	5	1	6	0
	0830	298	1005.9	972.8	+0.7	27.6	24.9	23.8	29.3	80	- 2	4.8	-0.8	5.5	0	0	29	01	2	2	2	3	6	8	5	1	0
	1130	298	1005.3	972.5	..	30.6	25.5	23.1	28.4	66	..	4.9	..	5.4	0	0	27	06	2	1	0	5	5	5	3	3	0
	1430	298	1001.9	969.3	..	31.8	25.2	22.1	26.6	59	..	5.4	..	6.2	0	0	30	08	8	0	1	1	5	6	1	0	0
	1730	298	1002.1	969.4	+0.6	30.1	25.1	22.8	27.7	67	- 7	6.4	+0.4	4.5	0	0	27	04	2	3	2	2	7	5	2	3	0
	2030	298	1004.6	971.5	..	27.7	24.5	23.0	28.1	77	..	5.5	..	2.9	0	0	16	06	1	0	2	2	2	2	1	14	0
	2330	298	1005.0	971.7	..	26.2	24.3	23.2	28.9	83	..	4.9	..	4.5	0	0	22	07	2	0	0	5	5	5	3	8	0
KANKER	0830	402	1006.0	961.7	+0.4	26.8	24.5	23.5	28.9	82	+ 0	4.4	-1.2	0.9	0	0	6	01	0	0	0	0	3	2	0	24	0
	1730	402	1002.4	958.3	+0.1	28.5	25.4	24.0	30.0	77	+ 0	6.5	+0.0	1.5	0	0	12	00	0	0	0	0	7	1	4	18	0
JAGDALPUR	0530	553	1004.8	943.7	..	22.7	21.9	21.5	25.6	93	..	6.2	..	1.9	0	1	4	00	0	0	0	1	3	1	0	25	0
	0830	553	1006.2	945.4	+0.4	24.7	22.9	22.1	26.6	86	+ 1	6.0	+0.0	3.3	0	0	17	00	1	0	0	5	4	4	3	13	0
	1130	553	1005.2	945.0	..	27.7	23.9	22.3	26.9	73	..	6.3	..	4.7	0	0	24	02	1	1	0	3	8	3	6	6	0
	1430	553	1002.3	942.3	..	27.8	23.6	21.7	26.1	71	..	6.7	..	5.1	0	1	22	01	4	1	0	3	3	7	4	7	0
	1730	553	1003.1	942.6	+0.7	25.6	23.1	22.0	26.3	81	+ 1	7.6	+0.9	3.7	0	0	16	00	0	2	1	5	4	3	1	14	0
	2030	553	1005.4	944.5	..	24.1	22.8	22.2	26.9	89	..	5.8	..	1.7	0	0	6	00	0	1	0	1	3	1	0	24	0
	2330	553	1005.7	944.7	..	23.5	22.4	21.9	26.3	91	..	4.8	..	1.6	0	0	9	00	0	0	1	3	3	1	1	21	0
GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																											
DEESA	0830	136	1008.1	992.7	+1.9	27.1	23.0	20.9	24.7	69	-10	.	..	4.3	0	0	21	01	1	0	1	1	3	2	11	9	1
	1730	136	1004.2	989.3	+1.6	35.4	24.5	18.9	21.8	38	-18	.	..	9.7	0	2	28	00	0	0	4	0	12	0	9	0	5
RADHANPUR	0830	30	1008.1	1004.7	+2.6	27.9	24.6	23.0	28.1	75	-10	.	..	2.1	0	0	24	00	0	0	0	1	9	6	8	6	0
	1730	30	1004.8	1001.6	+2.4	35.0	25.4	20.6	24.3	44	-25	.	..	1.6	0	0	20	00	0	0	0	0	19	0	1	10	0
IDAR	0830	219	1008.2	983.6	+2.0	27.0	22.7	20.5	24.1	68	-17	2.7	-2.6	5.1	0	0	27	05	0	1	0	1	1	15	4	3	0
	1730	219	1003.9	980.0	+1.5	33.3	24.0	19.1	22.1	43	-22	4.5	-0.8	4.5	0	0	29	01	0	1	0	0	7	14	6	1	0
AHMADABAD	0230	55	1006.5	1000.2	..	27.4	23.5	21.6	25.8	71	..	1.8	..	8.7	0	0	27	00	0	0	0	2	9	15	1	3	0
	0530	55	1006.7	1000.4	..	25.9	23.1	21.8	26.1	78	..	1.6	..	6.3	0	0	22	00	0	0	0	1	1	17	3	8	0
	0830	55	1008.4	1002.2	+1.4	27.6	24.1	22.4	27.1	73	- 7	3.0	-1.6	9.7	0	0	28	00	0	0	1	0	2	16	9	2	0
	1130	55	1008.6	1002.5	..	31.9	24.7	21.2	25.2	54	..	3.4	..	12.3	0	1	29	01	0	0	1	0	2	18	8	0	0
	1430	55	1005.9	999.9	..	34.7	25.3	20.8	24.6	45	..	4.5	..	12.3	0	0	30	02	0	1	0	2	4	12	9	0	0
	1730	55	1004.3	998.2	+0.7	34.7	25.1	20.4	24.0	44	-16	3.4	-0.9	11.5	0	1	28	02	1	0	3	2	4	10	7	1	0
	2030	55	1005.9	999.7	..	30.8	24.6	21.7	25.9	59	..	3.3	..	8.3	0	1	17	00	0	1	0	7	6	2	2	12	0
	2330		(R)																								
DOHAD	0830	333	1007.7	977.0	+7.0	25.9	23.4	22.2	26.7	80	- 5	3.8	-1.7	17.3	0	13	16	00	0	0	0	1	13	13	2	1	0
	1730	333	1004.5	974.5	+7.7	31.0	25.4	22.9	27.9	63	- 1	3.9	-0.2	15.5	0	10	20	00	0	0	0	1	0	19	10	0	0
VALLABH VIDYANAGAR	0830	44	1008.0	1002.8	..	26.1	24.0	23.0	28.1	84	..	3.1	..	6.6	0	1	28	00	1	0	1	4	18	5	0	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — SEPTEMBER.1968 (BHADRA 10 - ASVINA 8.1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C: Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.): 62 or more	20 to 61	1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
GUJARAT REGION(INCLUDING DAMAN DADRA AND NAGAR HAVELI(CONTD.)																											
VALAB VIDHYANAGAR	1730	44	1004.9	999.8	..	32.7	24.1	23.1	28.3	58	..	2.8	..	5.2	0	1	28	00	0	0	0	2	16	4	7	1	0
BARODA AERODROME	0830	38	1008.6	1003.8	+0.8	27.5	24.2	22.6	27.4	75	- 8	4.1	-0.9	8.1	0	1	24	02	0	0	0	1	3	17	0	5	2
	1130	38	1008.3	1003.7	..	30.7	24.7	21.9	26.3	60	..	4.1	..	8.4	0	1	26	01	0	1	0	1	0	19	2	3	3
	1730	38	1005.1	1000.5	+1.1	32.2	24.9	21.3	25.3	54	- 9	4.2	-0.5	8.2	0	2	22	02	0	1	1	3	0	11	5	6	1
BARODA	0530	34	1007.0	1002.6	..	26.1	23.6	22.4	27.1	80	..	2.5	..	4.0	0	1	14	00	0	0	1	1	2	11	0	15	0
	0830	34	1008.5	1004.0	+0.3	27.3	24.0	22.4	27.1	75	-12	3.2	-1.4	4.2	0	1	14	00	0	0	0	1	3	11	0	15	0
	1130	34	1008.5	1004.1	..	30.8	24.9	22.2	26.7	61	..	3.4	..	5.2	0	1	25	00	0	0	0	1	8	9	8	4	0
	1730	34	1005.2	1000.8	+0.8	32.5	25.2	21.7	25.9	54	-13	3.1	-1.1	4.7	0	1	18	01	0	0	0	3	0	6	9	11	0
	2330	34	1007.5	1003.1	..	27.9	24.0	22.2	26.7	72	..	2.3	..	5.0	0	1	20	00	0	0	0	1	9	7	4	9	0
BROACH	0830		..	..	..	..	..	..	..	..	..	3.7	-0.7	6.4	0	1	29	00	0	0	0	6	16	7	1	0	0
	1730		..	..	..	..	..	..	..	..	..	3.5	-0.9	6.7	0	1	29	00	0	0	0	1	25	2	2	0	0
SURAT	0530	12	1007.3	1004.9	..	26.2	24.0	23.0	28.1	83	..	3.2	..	8.0	0	1	28	00	1	0	0	1	25	2	0	1	0
	0830	12	1008.7	1006.4	-0.2	27.1	24.5	23.3	28.6	80	- 5	4.0	-1.8	6.1	0	1	24	00	1	0	5	1	13	2	3	5	0
	1130	12	1008.9	1006.5	..	30.0	25.1	22.8	27.7	66	..	4.5	..	8.6	0	1	28	00	3	0	0	1	22	2	1	1	0
	1730	12	1005.9	1003.5	+0.0	30.8	25.1	22.4	27.1	62	-10	4.2	-0.8	11.7	0	1	29	00	0	0	0	1	22	3	4	0	0
	2330	12	1007.9	1005.6	..	27.5	24.8	23.6	29.1	79	..	2.7	..	9.7	0	1	27	00	0	0	0	1	25	2	0	2	0
SAURASHTRA AND KUTCH(INCLUDING DIU																											
NALIYA	0830	21	1007.6	1004.3	+1.6	27.3	24.0	22.5	27.3	75	-12	3.1	-1.6	10.2	0	1	26	00	0	0	0	1	18	4	4	3	0
	1730	21	1005.6	1002.4	+1.8	29.7	24.2	21.5	25.6	62	-13	4.1	-1.0	13.8	0	3	27	00	0	0	0	2	24	4	0	0	0
BHUJ (RUDRAMATA	0230	80	1006.6	998.1	..	26.0	24.0	23.0	28.1	85	..	2.0	..	6.6	0	1	14	00	0	0	0	1	3	11	0	15	0
	0530	80	1006.6	998.0	..	25.6	23.8	22.9	27.9	86	..	2.2	..	5.9	0	1	12	00	0	0	0	1	2	9	1	17	0
	0830	80	1007.8	999.3	+1.5	26.9	24.5	23.3	28.6	81	+ 4	3.1	-0.3	11.4	0	3	27	01	0	0	0	1	7	12	4	5	0
	1130	80	1007.8	999.5	..	30.6	25.3	22.9	27.9	64	..	3.2	..	12.7	0	7	18	00	0	0	0	2	11	9	3	5	0
	1430	80	1005.8	997.5	..	33.0	25.7	22.3	26.9	54	..	3.7	..	16.1	0	9	20	01	2	0	0	3	14	7	2	1	0
	1730	80	1005.0	996.7	+2.0	31.6	25.3	22.3	26.9	59	+ 5	3.7	+0.0	19.8	0	21	9	00	0	0	1	3	18	7	1	0	0
	2030	80	1006.4	998.0	..	28.7	24.7	22.9	27.9	72	..	1.5	..	18.6	0	18	12	00	0	0	0	2	14	14	0	0	0
	2330	80	1007.2	998.7	..	27.2	24.4	23.2	28.4	79	..	1.5	..	13.1	0	4	26	00	0	0	0	2	17	11	0	0	0
KANDLA AERODROME	0830	35	1008.2	1003.8	..	27.6	24.3	22.7	27.6	75	..	2.4	..	15.8	0	7	23	00	0	0	0	4	8	12	6	0	0
	1130	35	1008.2	1003.8	..	30.9	24.7	21.8	26.1	59	..	2.8	..	17.1	0	13	16	00	0	0	0	5	12	12	0	1	0
	1730	35	1005.3	1001.0	..	32.1	24.6	21.0	24.9	53	..	2.4	..	22.1	0	25	5	00	0	0	0	8	16	6	0	0	0
NEW KANDLA	0830	14	1008.1	1005.5	+0.8	27.3	24.1	22.5	27.3	75	- 6	3.8	-0.6	12.2	0	3	27	01	0	0	0	2	1	17	9	0	0
	1730	14	1005.6	1003.0	+1.2	31.5	24.4	20.9	24.7	56	-10	3.4	-0.9	22.2	0	26	4	00	0	0	0	3	14	13	0	0	0
MANDVI	0830	9	1008.3	1006.1	+1.0	27.7	24.4	22.9	27.9	75	-12	4.5	-0.2	16.8	0	12	17	01	0	0	0	2	15	5	6	1	0
	1730	9	1006.2	1004.0	+1.3	29.0	25.0	23.2	28.4	71	-11	3.5	-0.8	25.9	0	29	1	00	0	0	0	1	12	17	0	0	0
SURENDRANAGAR	0830	74	1008.1	1000.3	+2.3	27.8	24.3	22.7	27.6	74	-10	3.1	-1.2	11.1	0	1	27	00	0	0	0	2	0	15	11	2	0
	1730	74	1004.8	997.1	+2.5	32.9	24.8	20.8	24.6	50	- 8	5.2	+0.0	8.4	0	1	26	03	0	0	0	3	4	15	2	3	0
OKHA	0530	7	1007.2	1006.4	..	26.3	24.9	24.1	30.2	89	..	1.3	..	11.9	0	1	29	00	0	0	0	2	8	12	6	0	0
	0830	7	1008.8	1008.0	..	27.4	25.3	24.4	30.5	83	..	2.7	..	13.4	0	3	27	01	0	0	0	0	11	12	6	0	0
	1130	7	1009.5	1008.7	..	29.0	25.6	24.1	30.0	75	..	2.5	..	16.4	0	6	24	00	0	0	0	0	4	15	11	0	0
	1730	7	1006.5	1005.7	..	28.8	25.9	24.6	30.9	78	..	2.2	..	20.2	0	15	15	00	0	0	0	0	1	23	6	0	0
	2330	7	1008.3	1007.5	..	26.9	25.1	24.3	30.3	86	..	0.5	..	12.7	0	2	28	00	0	0	0	1	16	9	4	0	0
JAMNAGAR AERODROME	0530	20	1007.4	1004.8	..	23.7	22.8	22.4	27.1	92	..	1.5	..	6.1	0	0	28	00	0	0	0	10	13	3	2	2	0
	0830	20	1008.9	1006.4	+1.6	26.8	24.5	23.5	29.1	82	+ 1	3.4	-1.0	7.9	0	0	28	01	0	0	0	2	15	7	3	1	0
	1130	20	1009.2	1006.7	..	30.2	25.1	22.8	27.7	64	..	4.5	..	12.3	0	1	29	01	0	0	0	0	5	11	13	0	0
	1730	20	1005.9	1003.4	+1.9	29.5	24.6	22.4	27.6	66	- 2	4.1	-0.1	17.2	0	8	22	00	0	0	0	0	0	10	20	0	0
	2330	20	1008.5	1005.9	..	25.8	23.9	23.1	28.3	85	..	1.7	..	9.6	0	1	29	00	0	0	0	0	14	13	3	0	0
DWARKA	0830	11	1008.6	1007.3	+1.1	27.6	25.1	23.9	29.7	81	- 3	2.8	-1.9	8.2	0	1	29	00	0	0	0	0	3	21	6	0	0
	1730	11	1006.5	1005.2	+1.4	29.0	25.5	24.0	29.8	74	- 4	2.7	-1.3	15.7	0	5	25	00	0	0	0	0	4	20	6	0	0
RAJKOT	0530	138	1007.0	991.3	..	23.4	22.3	21.7	25.9	90	..	1.4	..	9.6	0	0	28	00	0	0	0	3	15	7	3	2	0
	0830	138	1008.7	993.1	+1.3	26.0	24.1	23.3	28.6	85	+ 0	1.2	-3.0	15.2	0	7	23	00	0	0	0	1	10	10	8	0	1
	1130	138	1008.6	993.3	..	30.5	24.8	22.0	26.4	61	..	1.8	..	16.9	0	13	16	00	0	0	0	1	8	13	7	1	0
	1430	138	1005.8	990.7	..	33.2	25.2	21.3	25.3	50	..	3.6	..	16.1	0	8	21	00	0	0	0	2	15	6	5	1	1
	1730	138	1004.7	989.5	+1.1	32.0	24.7	21.1	25.0	54	- 3	3.5	-1.6	21.8	0	17	13	01	1	0	0	1	10	7	10	0	0
BHAVNAGAR AERODROME	0830	11	1009.2	1008.0	+1.4	27.6	24.2	22.8	27.7	76	+ 2	2.6	-2.0	15.0	0	4	26	01	0	0	0	3	7	14	5	0	0
	1130	11	1009.2	1008.0	..	31.6	24.7	21.4	25.5	55	..	4.3	..	12.7	0	2	25	01	0	1	1	1	5	11	6	3	1
	1730	11	1005.2	1004.0	+0.9	32.1	25.1	21.9	26.3	55	- 8	4.0	-1.4	25.0	0	23	0	01	1	0	9	14	2	1	2	0	0
PORBANDER AERODROME	0830	7	1008.8	1008.0	+1.9	27.6	24.9	23.7	29.3	79	-10	3.9	-0.7	7.6	0	0	25	01	0	0	2	0	14	1	7	5	0
	1130	7	1009.3	1008.5	..	30.2	25.3	23.0	28.1	66	..	3.7	..	16.3	0	7	23	00	0	0	0	0	25	5	0	0	0
	1730	7	1006.4	1005.6	+1.6	29.3	24.9	22.9	27.9	69	-11	3.0	-2.2	18.9	0	10	20	00	0	1	0	1	21	5	2	0	0
KESHOD	0830	51	1008.9	1003.1	+1.7	26.3	24.2	23.2	28.4	83	- 4	3.3	-1.0	5.5	0	0	29	03	1	2	0	3	4	8	8	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of mean standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry bulb	Mean temperature in °C Wet bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SAURASHTRA AND KUTCH (INCLUDING DIU)																											
KESHOD	1130	51	1009.1	1003.3	..	29.9	24.7	22.2	26.8	64	..	4.4	..	14.3	0	4	26	01	0	0	1	0	6	17	5	0	0
	1730	51	1006.1	1000.4	+1.4	29.9	24.4	21.8	26.1	63	- 6	3.7	-0.5	23.1	0	23	7	00	0	0	0	0	7	21	2	0	0
HAMUVA	0830	9	1008.3	1007.2	..	25.2	23.5	22.7	27.6	86	..	4.6	..	2.9	0	0	23	04	0	0	1	0	3	7	8	7	0
	1730	9	1005.5	1004.6	..	30.8	25.9	23.6	29.1	66	..	5.3	..	14.5	0	8	22	00	0	0	1	9	11	4	2	0	3
VERAVAL	0230	8	1007.3	1006.4	..	26.6	25.1	24.5	30.7	88	..	2.1	..	11.9	0	5	22	04	0	0	0	1	5	12	5	3	0
	0530	8	1007.1	1006.2	..	25.9	24.6	24.0	29.8	89	..	2.6	..	7.0	0	1	18	05	0	0	0	0	6	5	3	11	0
	0830	8	1009.1	1008.2	+1.0	27.1	25.4	24.6	30.9	86	+ 0	3.6	-1.1	6.1	0	1	17	02	2	1	0	0	4	6	3	12	0
	1130	8	1009.6	1008.7	..	29.7	26.5	25.2	32.1	77	..	3.4	..	12.1	0	4	25	00	0	1	0	1	8	15	4	1	0
	1430	8	1007.4	1006.5	..	30.2	27.0	25.7	33.0	77	..	3.3	..	19.3	0	19	11	00	0	0	0	0	7	19	4	0	0
	1730	8	1006.5	1005.6	+1.1	29.0	26.6	25.6	32.8	82	- 2	3.9	-0.1	18.6	0	13	17	01	0	0	0	0	7	17	5	0	0
	2030	8	1007.8	1006.9	..	27.6	25.8	25.1	31.9	86	..	1.9	..	14.8	0	6	24	01	1	0	0	0	6	14	8	0	0
	2330	8	1008.4	1007.5	..	27.2	25.5	24.8	31.3	87	..	1.9	..	9.7	0	2	24	03	1	0	0	0	6	10	6	4	0
DIU	0830	15	1009.3	1007.6	..	27.5	24.8	23.6	29.1	79	..	2.9	..	1.2	0	0	5	00	1	0	0	0	2	2	0	25	0
	1730	15	1006.3	1004.6	..	28.9	25.2	23.6	29.1	73	..	3.1	..	19.0	0	19	10	00	0	0	0	0	13	16	0	1	0
KONKAN (INCLUDING GOA)																											
DAHANU	0830	5	1009.1	1008.6	+1.5	26.4	25.7	25.3	32.2	94	+ 7	3.2	-2.3	7.2	0	0	29	00	0	4	17	0	1	7	0	1	0
	1730	5	1006.3	1005.8	+1.1	29.5	28.4	27.9	37.6	91	+12	3.3	-1.7	10.9	0	0	29	00	0	0	2	0	4	11	12	1	0
BOMBAY (SANTACRUZ)	0230	14	1007.7	1006.0	..	25.3	24.1	23.6	29.1	90	..	4.4	..	3.7	0	0	18	01	5	7	0	1	0	4	0	12	0
	0530	14	1007.7	1006.0	..	24.6	24.3	23.7	29.3	93	..	4.6	..	5.4	0	0	28	00	9	15	2	0	0	2	0	2	0
	0830	14	1009.5	1007.9	+1.2	27.0	24.8	23.8	29.5	83	- 3	6.0	+0.0	4.1	0	0	24	00	8	9	0	0	5	2	0	6	0
	1130	14	1009.6	1008.0	..	29.0	25.5	24.0	29.8	75	..	6.1	..	10.7	0	1	29	01	1	3	2	1	4	12	6	0	0
	1430	14	1007.2	1005.6	..	29.9	26.1	24.5	30.7	73	..	5.9	..	25.2	1	6	23	00	0	0	0	0	3	17	10	0	0
	1730	14	1006.7	1005.1	+1.0	28.5	25.3	23.8	29.5	76	+ 1	6.2	+0.4	14.3	0	7	22	00	0	1	0	0	2	13	13	1	0
	2030	14	1008.5	1006.9	..	26.5	24.6	23.7	29.3	85	..	5.1	..	7.2	0	1	26	00	3	1	3	0	1	11	8	3	0
	2330	14	1008.7	1007.2	..	25.8	24.4	23.8	29.5	89	..	4.7	..	5.0	0	0	21	00	7	5	0	0	1	6	2	9	0
BOMBAY	0830	11	1009.4	1008.2	+1.0	27.0	25.0	24.1	30.0	85	+ 0	5.2	-0.5	7.2	0	0	29	01	4	5	10	2	0	4	3	1	0
	1130	11	1009.6	1008.4	..	29.5	25.7	24.0	29.8	72	..	4.9	..	8.1	0	0	30	01	3	1	4	5	1	8	6	0	1
	1730	11	1006.7	1005.5	+0.7	28.9	25.5	23.9	29.6	75	- 5	5.7	+0.3	9.3	0	0	29	02	0	0	0	1	1	13	12	1	0
ALIBAG	0830	7	1009.4	1008.6	+0.5	26.3	25.3	24.9	31.5	92	+ 6	6.5	+0.8	5.0	0	0	23	00	2	12	6	1	1	0	1	7	0
BHIRA	0830	96	1009.1	998.2	..	24.9	23.9	23.4	28.8	92	..	5.4	..	0.9	0	0	11	00	0	0	2	1	1	5	2	19	0
	1730	96	1006.0	995.2	..	26.8	24.6	23.6	29.1	83	..	7.2	..	0.8	0	0	10	00	0	1	0	0	8	1	0	20	0
HARNAI	0830	20	1009.8	1006.8	+0.6	26.2	24.1	23.5	28.9	81	- 6	6.5	+0.6	4.1	0	2	6	00	0	6	0	0	0	0	2	22	0
	1730	20	1006.8	1004.5	+0.7	27.9	25.3	24.2	30.2	79	- 3	6.2	+0.3	14.9	0	10	14	01	0	0	0	0	0	12	11	6	0
RATNAGIRI	0830	35	1009.6	1005.6	+0.8	25.6	24.3	23.7	29.3	89	+ 1	7.0	+1.6	2.6	0	0	28	00	3	13	11	0	0	1	0	2	0
	1730	35	1006.9	1002.9	+0.6	27.9	25.3	24.1	30.0	80	- 1	6.1	+0.6	5.0	0	0	30	02	0	1	1	0	2	12	12	0	0
DEVGARH	0830	36	1009.8	1005.8	+0.9	25.8	24.6	24.0	29.8	90	+ 1	6.4	+0.5	5.2	0	0	26	01	5	15	3	1	1	0	0	4	0
	1730	36	1006.9	1002.9	+0.5	28.2	25.6	24.5	30.7	81	- 2	6.0	+0.1	15.1	0	6	24	00	0	0	0	0	4	13	13	0	0
VENGURLA	0230	9	1008.8	1007.8	..	24.6	24.0	23.7	29.3	95	..	5.6	..	0.6	0	0	3	01	0	0	0	0	1	0	1	27	0
	0530	9	1008.2	1007.2	..	24.2	23.8	23.6	29.1	96	..	6.0	..	0.3	0	0	3	02	0	0	0	0	0	1	0	27	0
	0830	9	1010.2	1009.2	+0.7	26.1	24.7	24.1	30.0	89	+ 0	6.4	+0.4	1.8	0	0	14	03	0	8	1	0	0	1	1	16	0
	1130	9	1010.2	1009.2	..	28.6	25.5	24.2	30.2	78	..	6.0	..	5.0	0	0	30	01	0	0	0	4	15	9	1	0	0
	1730	9	1007.3	1006.3	+0.5	28.0	25.3	24.1	30.0	80	- 1	7.1	+0.9	5.5	0	0	28	00	0	0	0	2	3	20	3	2	0
	2330	9	1009.8	1008.8	..	25.2	24.4	24.0	29.8	93	..	5.9	..	0.5	0	0	3	02	0	0	0	0	0	0	1	27	0
PANJIM	0530	60	1007.8	1001.3	..	24.4	23.6	23.2	28.4	93	..	5.6	..	5.1	0	0	23	04	4	6	3	3	2	1	0	7	0
	0830	60	1009.4	1002.8	..	25.5	24.1	23.5	28.9	89	..	6.4	..	5.3	0	0	22	01	6	9	3	0	2	0	1	8	0
	1130	60	1009.7	1002.9	..	28.7	24.9	23.3	28.6	73	..	6.3	..	11.9	0	3	25	00	2	0	0	2	10	10	4	2	0
	1430	60	1007.4	1000.7	..	28.8	25.0	23.3	28.6	72	..	6.2	..	14.7	0	4	26	01	0	0	0	0	7	16	6	0	0
	1730	60	1006.7	1000.0	..	27.7	24.7	23.2	28.4	76	..	6.5	..	13.3	0	5	25	03	1	0	0	1	7	11	7	0	0
	2030	60	1008.4	1001.8	..	26.3	24.5	23.6	29.1	86	..	6.2	..	7.2	0	0	25	04	2	0	1	3	3	4	8	5	0
	2330	60	1009.4	1002.6	..	25.5	24.1	23.4	28.8	88	..	6.1	..	4.9	0	0	20	05	4	0	2	1	3	3	2	10	0
MORMUGAO	0530	62	1007.7	1000.7	..	25.5	24.1	23.5	28.9	90	..	6.7	..	6.8	0	2	17	00	1	4	4	2	2	4	2	11	0
	0830	62	1009.4	1002.5	-0.3	26.1	24.6	23.9	29.7	87	+ 0	6.8	+1.4	6.1	0	1	23	01	3	7	5	2	2	3	1	6	0
	1130	62	1009.5	1002.6	..	27.8	25.0	23.7	29.3	79	..	6.6	..	9.9	0	1	27	00	0	0	2	5	10	10	1	2	0
	1730	62	1006.6	999.7	-0.3	27.5	25.0	23.9	29.7	81	- 3	7.0	+1.6	12.5	0	1	29	00	0	0	1	1	19	8	1	0	0
DABOLIM (NAVAL AIR STN.)	0530	52	1008.3	1002.4	..	24.6	23.8	23.4	28.8	93	..	6.1	..	2.3	0	0	9	01	3	0	1	1	0	1	2	21	0
	0830	52	1010.0	1004.2	..	25.8	24.4	23.7	29.3	88	..	6.5	..	3.3	0	0	9	00	0	2	2	0	0	4	1	21	0
	1130	52	1010.1	1004.3	..	28.1	24.7	23.1	28.3	74	..	6.4	..	12.1	0	4	24	02	0	0	0	2	2	14	7	2	1
	1730	52	1007.1	1001.3	..	27.7	24.7	23.3	28.6	77	..	6.6	..	13.5	0	3	27	02	0	0	0	3	3	10	12	0	0
	2330	52	1009.7	1003.8	..	25.8	24.2	23.5	28.9	87	..	6.8	..	6.2	0	0	18	02	1	1	1	1	1	2	9	12	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or kt. in gen. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA MAHARASHTRA																											
NANDURBAR	0830	206	1008.8	985.3	+1.4	26.6	23.5	22.5	27.3	76	- 9	2.3	-3.0	11.5	0	3	25	00	0	0	0	0	14	1	13	2	0
	1730	206	1005.3	982.6	+1.7	30.3	24.1	20.0	23.4	59	-15	2.6	-3.0	8.9	0	0	29	00	0	0	1	0	16	2	10	1	0
JALGAON	0830	201	1008.5	985.8	+1.5	25.7	23.7	22.8	27.7	84	- 2	5.1	+0.2	17.6	0	13	17	00	0	0	0	0	2	15	13	0	0
	1730	201	1003.8	981.6	+0.8	31.6	2416	21.1	25.0	55	- 5	6.1	+0.9	14.1	0	7	23	03	1	0	1	1	1	15	8	0	0
MALEGAON	0830		(R)																								
	1730		(R)																								
DZAR	0230	608	1007.8	940.0	-5.7	21.2	20.3	19.9	23.2	92	+29	4.9	-1.0	8.6	0	3	16	00	0	0	1	0	0	12	6	11	0
	0530	608	1007.9	940.0	..	20.7	19.9	19.4	22.5	93	..	4.4	..	8.2	0	1	19	01	0	0	0	1	0	14	4	10	0
	0830	608	1008.9	941.7	..	23.3	21.3	20.3	23.8	84	..	5.5	..	15.6	0	14	10	00	1	0	0	0	0	14	9	6	0
	1130	608	1008.1	941.7	..	27.3	22.4	20.1	23.5	65	..	5.6	..	15.6	0	11	13	01	0	1	0	0	0	12	10	6	0
	1430	608	1005.1	939.1	..	28.5	22.5	19.7	22.9	60	..	6.4	..	17.2	0	13	11	00	0	1	0	1	0	11	11	6	0
	1730	608	1005.5	938.8	..	25.3	21.8	20.2	23.7	74	..	6.3	..	23.3	0	21	9	02	1	1	0	1	1	13	11	0	0
	2030	608	1008.0	940.7	..	22.9	21.3	20.5	24.1	87	..	5.7	..	16.0	0	9	18	00	0	0	0	0	1	15	11	3	0
	2330	608	1008.8	941.2	..	21.8	20.8	20.3	23.8	91	..	5.1	..	8.8	0	2	18	01	0	1	0	0	1	13	4	9	0
AHMADNAGAR	0830	657	1008.8	936.0	+0.6	22.5	20.8	20.0	23.4	86	+ 5	5.9	+0.8	5.7	0	0	27	04	0	0	0	0	2	5	16	3	0
	1730	657	1004.3	933.0	+0.9	27.5	22.4	20.0	23.4	66	+ 4	7.1	+1.1	6.9	0	0	26	02	6	0	0	0	0	11	7	4	0
POONA AERODROME	0230	593	1008.0	941.9	..	21.5	20.7	20.2	23.7	92	..	5.7	..	14.0	0	2	24	00	0	0	0	0	0	23	3	4	0
	0530	593	1007.9	941.7	..	21.1	20.3	20.0	23.4	93	..	5.1	..	10.0	0	0	21	00	1	0	0	0	1	19	0	9	0
	0830	593	1009.1	943.3	..	23.0	21.2	20.3	23.8	85	..	5.8	..	13.8	0	7	20	01	0	1	0	0	0	21	4	3	0
	1130	593	1008.1	943.2	..	27.6	22.4	19.8	23.1	63	..	5.9	..	18.7	0	10	17	00	0	3	2	0	0	18	3	3	1
	1730	593	1005.2	940.1	..	25.4	21.8	20.0	23.4	73	..	6.8	..	28.0	0	23	7	00	0	0	0	0	0	24	6	0	0
	2330	593	1009.0	943.0	..	22.1	21.0	20.5	24.1	90	..	5.9	..	13.4	0	3	23	00	0	0	1	0	3	20	2	4	0
POONA	0530	559	1008.3	945.9	..	21.5	20.3	19.7	22.9	90	..	5.5	..	1.7	0	0	7	00	0	0	0	0	0	7	0	23	0
	0830	559	1009.6	947.5	+1.2	23.4	21.2	20.1	23.5	82	+ 2	6.2	+0.7	4.4	0	0	18	00	0	0	0	1	0	17	0	12	0
	1130	559	1008.4	947.2	..	27.6	22.3	19.7	22.9	62	..	6.3	..	6.7	0	1	21	01	2	0	0	0	0	16	3	8	0
	1430	559	1005.5	944.7	..	28.9	22.5	19.4	22.5	57	..	6.7	..	7.8	0	0	26	00	0	1	1	1	1	20	2	4	0
	1730	559	1006.1	944.6	+1.1	25.4	21.6	19.8	23.1	72	+ 0	7.2	+1.1	6.7	0	0	19	00	0	0	0	0	0	17	2	11	0
	2030	559	1008.6	946.5	..	23.4	21.3	20.2	23.7	82	..	6.6	..	5.6	0	0	19	00	1	0	1	0	0	17	0	11	0
	2330	559	1009.4	947.1	..	22.5	20.9	20.1	23.5	87	..	6.2	..	2.4	0	0	9	00	0	0	0	0	1	8	0	21	0
JEUR	0830	521	1008.9	951.0	+1.2	23.7	22.4	21.8	26.1	89	+ 8	4.5	+0.0	3.9	0	0	30	04	1	1	1	0	0	5	18	0	0
	1730	521	1004.3	947.2	+1.1	28.0	23.7	21.8	26.1	71	+12	4.7	-0.9	4.3	0	0	30	01	6	1	1	5	1	6	9	0	0
BARAMATI	0830	551	1008.9	948.0	+1.5	24.1	21.9	20.8	24.6	82	+ 1	4.8	-0.3	9.5	0	1	28	02	2	0	1	0	2	10	12	1	0
	1730	551	1004.1	944.2	+1.1	28.3	23.2	20.8	24.6	65	+ 3	6.1	+0.1	13.3	0	6	23	05	1	2	3	1	0	10	7	0	0
SHOLAPUR	0530	479	1007.5	954.0	..	22.7	21.4	20.8	24.6	90	..	5.3	..	7.2	0	0	29	07	1	0	2	0	1	10	8	1	0
	0830	479	1009.1	955.8	+0.9	24.4	22.2	21.2	25.2	83	+ 3	5.2	+0.1	6.3	0	0	30	00	6	0	1	0	4	1	18	0	0
	1130	479	1008.0	955.4	..	28.2	23.5	21.3	25.3	68	..	6.2	..	8.3	0	0	30	04	6	0	5	2	1	5	7	0	0
	1430	479	1004.6	952.6	..	30.2	23.5	20.3	23.8	58	..	6.7	..	8.9	0	0	30	03	4	0	3	1	5	4	10	0	0
	1730	479	1004.1	951.8	+0.9	28.3	23.1	20.7	24.4	66	+ 8	6.4	+0.3	6.9	0	0	30	02	6	0	1	0	17	4	0	0	0
	2330	479	1008.4	955.1	..	24.2	22.3	21.4	25.5	85	..	6.0	..	7.0	0	0	27	03	6	0	1	0	6	8	3	3	0
NIRAJ	0830		..	..	..	23.5	21.4	20.4	24.0	83	- 3	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	26.9	22.3	19.9	23.2	67	+ 1	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
KOLHAPUR	0530	570	1008.1	944.5	+0.3	21.2	20.5	20.2	23.7	94	+28	5.7	-0.3	3.5	0	0	15	00	0	0	0	0	0	12	3	15	0
	0830	570	1009.4	946.1	+0.7	22.6	21.2	20.5	24.1	88	+ 1	6.3	+0.7	5.9	0	0	21	01	1	0	0	0	0	14	5	9	0
	1130	570	1008.7	946.2	..	26.8	22.5	20.5	24.1	69	..	6.0	..	9.2	0	0	24	01	1	0	0	0	2	12	8	5	0
	1730	570	1005.4	942.9	+0.4	25.8	22.3	20.6	24.3	74	+ 1	6.3	+0.3	13.5	0	4	26	01	0	0	0	0	2	19	8	0	0
	2330	570	1009.5	946.0	..	22.2	21.2	20.7	24.4	91	..	5.7	..	6.6	0	0	24	00	0	0	0	0	0	14	10	6	0
NASIK	0830		..	..	..	24.5	21.9	20.6	24.3	80	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
SANGLI	0830	549	1009.2	948.2	..	23.0	21.2	20.3	23.8	85	..	6.3	..	9.3	0	0	30	01	0	0	1	0	3	19	4	0	2
	1730	549	1004.6	944.6	..	27.0	22.4	20.1	33.5	67	..	6.8	..	17.3	0	16	14	04	0	1	0	0	4	18	3	0	0
MARATHWADA																											
AURANGABAD	0830	581	1009.3	944.9	+1.1	23.6	21.2	20.1	23.5	81	- 3	5.0	-0.3	7.8	0	5	15	00	0	1	0	0	2	15	2	10	0
	1730	581	1005.0	941.5	+1.1	27.0	22.4	20.1	23.5	68	+ 4	6.1	+0.1	11.5	0	5	22	06	4	3	0	0	4	4	6	3	0
AURANGABAD (CHIKALTHAN)	0230	579	1007.0	942.6	..	22.0	20.5	19.7	22.9	87	..	5.3	..	11.5	0	5	18	01	0	0	1	0	5	14	2	7	0
	0530	579	1007.5	942.8	..	21.3	20.1	19.5	22.7	90	..	5.3	..	10.7	0	4	18	00	0	0	0	0	2	18	2	3	0
	0830	579	1008.4	944.2	+1.1	23.9	21.2	19.9	23.2	79	- 1	4.7	-0.7	14.1	0	7	19	01	0	0	0	0	1	20	4	4	0
	1130	579	1007.3	944.1	..	28.2	22.5	19.7	22.9	61	..	5.1	..	19.0	0	10	19	02	3	1	3	0	1	10	9	1	0
	1430	579	1004.2	941.5	..	29.7	22.7	19.3	22.4	55	..	6.2	..	16.5	0	8	22	05	2	1	2	1	0	8	11	0	0
	1730	579	1004.4	941.1	+1.3	26.6	22.0	19.7	22.9	68	+ 3	6.7	+0.4	14.9	0	7	19	07	3	1	2	0	2	7	4	4	0
	2030	579	1006.9	943.0	..	24.5	21.6	20.2	23.7	78	..	6.3	..	9.7	0	2	21	07	3	0	1	1	2	7	7	7	0
	2330	579	1008.1	943.8	..	23.0	21.0	20.1	23.5	84	..	6.0	..	12.1	0	2	24	01	1	0	2	0	3	14	5	4	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lst. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															62 or more	20 to 61	1 to 19	Nil	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MARATHWADA (CONTD.)																											
PARBHANI	0830	423	1008.4	961.2	+0.8	24.2	22.2	21.2	25.2	84	+ 3	5.0	-0.1	10.5	0	5	22	01	0	1	0	0	0	19	6	3	0
	1730	423	1003.9	957.5	+0.8	28.4	23.6	21.2	25.2	66	+ 4	6.2	+0.1	9.1	0	3	22	02	4	0	0	1	0	13	5	5	0
NANDER	0830	358	1008.3	968.1	..	25.1	23.2	22.3	26.9	85	..	4.3	..	5.4	0	0	27	00	0	0	0	1	16	0	10	3	0
	1730	358	1003.9	964.4	..	28.4	24.2	22.1	26.6	72	..	6.1	..	4.5	0	0	23	00	0	0	0	0	11	1	11	7	0
BIR	0830	519	1009.3	951.5	..	23.5	21.9	21.2	25.2	88	..	6.1	..	3.8	0	0	20	00	0	0	0	0	0	2	2	16	10
	1730	519	1004.0	947.5	..	28.6	22.9	20.2	23.7	62	..	5.9	..	6.9	0	0	29	02	7	0	4	0	4	2	10	1	0
VIDARBHA																											
GONDIA	0830	313	1006.3	971.5	+0.8	27.2	24.5	23.1	28.6	79	- 4	3.8	-1.7	1.6	0	0	18	04	0	0	0	2	5	1	6	12	0
	1730	313	1002.6	968.3	+0.8	29.7	24.9	22.5	27.6	67	- 7	3.1	-2.9	1.9	0	0	24	04	0	4	0	3	7	3	3	6	0
NAGPUR (SONEGAON)	0230	310	1004.4	969.7	..	24.6	23.1	22.3	26.9	87	..	4.6	..	3.9	0	0	17	01	0	0	0	0	2	5	9	13	0
	0530	310	1004.9	970.0	..	24.2	22.9	22.3	26.9	90	..	4.7	..	3.7	0	1	13	00	0	0	0	1	1	3	9	16	0
	0830	310	1006.4	971.9	+0.7	26.9	24.0	22.6	27.6	78	- 3	4.5	-1.2	7.0	0	2	22	02	2	0	1	2	1	3	13	6	0
	1130	310	1005.5	971.4	..	30.7	25.4	23.0	27.9	65	..	4.9	..	9.1	0	3	25	06	3	1	1	0	3	4	10	2	0
	1430	310	1002.8	969.7	..	30.6	24.8	22.0	26.6	63	..	6.0	..	13.5	0	10	19	05	2	1	1	1	3	2	14	1	0
	1730	310	1002.6	968.4	+0.6	29.2	24.8	22.8	27.7	70	+ 0	6.2	-0.2	6.5	0	0	25	05	1	2	1	1	4	4	7	5	0
	2030	310	1005.2	970.6	..	26.1	23.9	22.9	27.9	83	..	5.0	..	3.8	0	0	20	03	0	0	1	0	5	3	8	10	0
	2330	310	1005.6	970.9	..	25.1	23.5	22.7	27.6	88	..	5.1	..	4.5	0	1	14	01	0	0	0	0	4	4	6	15	0
AMRAOTI	0830	370	1006.8	965.7	+0.6	26.0	23.3	21.9	26.3	78	- 3	3.7	-1.7	2.8	0	0	25	01	1	0	0	2	3	11	7	5	0
	1730	370	1003.2	962.6	+1.0	29.1	23.7	20.9	24.9	63	- 3	6.0	-0.4	7.2	0	0	28	05	3	4	0	1	4	6	5	2	0
AKOLA AERODRUME	0530	309	1005.4	970.6	..	24.0	21.9	20.8	24.6	83	..	5.8	..	8.6	0	0	30	00	1	0	1	2	4	18	4	0	0
	0830	309	1006.9	972.3	..	25.9	22.9	21.4	25.5	77	..	5.1	..	10.2	0	2	28	00	1	0	0	2	1	20	6	0	0
	1130	309	1006.2	972.2	..	30.0	24.3	21.5	25.6	61	..	5.3	..	10.1	0	1	29	00	0	0	0	1	1	19	9	0	0
	1430	309	1003.0	969.3	..	32.4	24.5	20.4	24.3	51	..	6.4	..	9.1	0	0	30	00	1	0	1	0	5	15	8	0	0
	1730	309	1002.7	968.7	..	29.4	23.6	20.6	24.4	61	..	7.0	..	10.5	0	1	29	02	3	2	2	1	1	10	9	0	0
	2030	309	1004.9	970.5	..	27.0	23.4	21.5	25.8	73	..	6.2	..	7.4	0	0	26	02	1	0	0	2	5	10	6	4	0
	2330	309	1006.0	971.4	..	25.7	23.0	21.7	25.9	79	..	6.0	..	6.9	0	0	27	00	0	1	1	3	4	12	6	3	0
AKOLA	0830	282	1007.6	976.0	+1.1	26.2	23.1	21.6	25.6	76	- 5	4.6	-0.3	9.5	0	0	30	00	2	0	2	0	11	0	15	0	0
	1730	282	1003.6	972.5	+1.1	29.5	23.6	20.5	24.4	60	- 4	6.3	+1.0	8.5	0	0	29	00	8	0	1	0	4	0	16	1	0
BRAMHAPURI	0830	229	1006.8	981.0	+0.9	26.6	24.6	23.6	29.3	84	- 2	5.2	-0.5	4.6	0	0	29	05	1	0	1	8	4	4	6	1	0
	1730	229	1002.6	977.4	+0.5	30.0	25.4	23.3	28.6	69	- 5	5.9	-0.2	2.5	0	0	19	06	4	0	1	2	0	2	4	11	0
BULDANA	0830	650	1008.0	936.4	+1.4	23.7	21.1	19.5	23.1	79	- 7	4.4	-1.3	12.5	0	5	22	05	0	0	0	0	0	1	21	3	0
	1730	650	1003.4	933.1	+1.0	28.1	22.3	19.6	22.7	61	- 8	6.6	+0.7	5.3	0	0	22	02	2	0	1	0	1	0	16	8	0
YEOTMAL	0830	451	1006.6	956.6	+0.6	25.8	22.8	21.3	25.3	77	- 7	4.7	-0.7	9.4	0	1	29	01	1	0	0	2	2	12	12	0	0
	1730	451	1002.8	953.4	+0.5	28.6	23.8	21.4	25.5	67	- 5	6.0	-0.1	6.9	0	0	26	06	1	0	1	4	1	10	3	4	0
CHANDRAPUR	0830	193	1006.5	984.8	+0.3	26.2	24.3	23.5	28.9	85	+ 2	4.6	-0.8	5.7	0	1	17	01	0	0	1	0	2	6	8	12	0
	1730	193	1002.7	981.3	+0.3	29.3	25.2	23.3	28.6	72	- 2	6.5	+0.4	6.3	0	2	15	02	1	0	0	1	1	5	7	13	0
PUSAD	0830	334	1008.1	970.8	..	26.0	23.8	22.8	27.7	83	..	5.8	..	4.1	0	0	29	00	1	0	2	0	9	0	17	1	0
	1730	334	1004.1	967.4	..	29.7	25.6	23.7	29.3	72	..	6.6	..	3.5	0	0	28	00	5	1	0	1	11	0	10	2	0
SIRONCHA	0830	123	1007.3	993.3	+0.6	26.4	24.9	24.2	30.4	88	+ 3	5.2	-0.5	2.1	0	0	24	04	0	2	6	1	3	6	2	6	0
	1730	123	1003.4	989.7	+0.5	29.3	25.7	24.1	30.0	75	+ 1	6.7	+0.4	2.1	0	0	24	03	1	7	0	3	0	10	0	6	0
WARDHA	0830	283	1006.8	975.2	..	27.1	24.2	22.7	27.9	78	..	3.7	..	4.5	0	0	30	02	1	1	0	3	4	10	9	0	0
	1730	283	1003.5	972.1	..	28.4	24.2	22.0	26.7	70	..	5.8	..	4.5	0	1	29	01	2	2	3	2	3	9	8	0	0
BHANDARA	0830		..	..	..	27.1	24.5	23.4	28.6	81	..	.	..	4.7	0	0	29	00	2	0	1	1	19	3	1	1	2
	1730		..	..	..	29.1	24.8	22.7	27.9	71	..	.	..	2.7	0	0	22	00	5	2	0	0	6	2	3	8	4
COASTAL ANDHRA PRADESH																											
KALINGAPATAM	0830	6	1005.6	1004.9	+0.1	28.9	26.6	25.7	33.0	85	+ 1	4.5	-1.3	6.3	0	1	24	03	1	0	0	3	4	2	6	5	6
	1730	6	1002.8	1002.2	+0.3	29.4	26.7	25.9	32.6	82	+ 2	4.1	-2.4	8.9	0	1	29	02	2	0	0	4	5	2	2	0	13
VISHAKHAPATNAM	0230	3	1004.3	1003.9	..	26.9	25.3	24.6	30.9	87	..	4.5	..	4.3	0	1	17	02	0	0	0	0	4	5	7	12	0
	0530	3	1004.6	1004.2	..	26.5	25.1	24.5	30.7	89	..	5.8	..	4.3	0	2	12	00	0	1	0	0	5	3	5	16	0
	0830	3	1006.2	1005.8	+0.4	28.9	25.9	24.7	30.9	78	- 3	5.7	-0.1	7.9	0	5	15	01	1	0	0	0	5	7	6	10	0
	1130	3	1005.6	1005.2	..	31.3	26.8	24.9	31.5	69	..	6.1	..	12.1	0	7	21	01	1	1	6	3	9	3	1	2	3
	1430	3	1003.1	1002.7	..	31.5	26.8	24.7	31.3	68	..	5.3	..	14.9	0	11	19	00	1	2	3	6	10	5	2	0	1
	1730	3	1003.3	1002.9	+0.6	29.6	26.3	24.9	31.5	76	- 8	5.6	-0.8	12.7	0	5	25	02	1	2	3	6	9	5	2	0	0
	2030	3	1005.5	1005.1	..	27.9	25.5	24.6	30.7	82	..	4.7	..	6.1	0	0	24	01	1	1	1	2	8	4	5	6	1
	2330	3	1005.7	1005.3	..	27.2	25.5	24.8	31.1	86	..	4.3	..	5.3	0	1	17	02	1	0	0	0	6	7	2	12	0
KAKINADA	0830	8	1006.5	1005.6	+0.1	29.0	25.9	24.6	30.7	77	- 3	5.9	+0.5	7.8	0	1	28	00	3	0	3	0	16	3	4	1	0
	1730	8	1003.4	1002.5	+0.4	30.2	26.4	24.8	31.3	73	- 3	6.1	+0.6	10.5	0	1	29	00	1	0	7	2	9	4	7	0	0
NIDADAVOLE	0830	12	1006.8	1005.4	+0.6	27.7	25.8	24.9	31.5	84	- 2	5.9	-0.6	11.2	0	0	30	01	2	3	5	4	5	10	2	0	0
	1730	12	1003.7	1002.3	+1.0	29.3	26.7	25.6	32.8	81	+ 3	6.5	-0.2	5.1	0	0	30	04	4	2	0	1	2	14	3	0	0
RENTACHINTALA	0830	106	1007.6	995.6	+0.8	27.4	24.5	23.1	28.3	77	+ 3	5.4	-0.5	1.9	0	0	22	00	0	0	0	1	1	20	0	8	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry Bulb	Mean temperature in °C: Wet Bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	Wind Speed (Km. p. h.): 62 or more	Wind Speed (Km. p. h.): 20 to 61	Wind Speed (Km. p. h.): 1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
COASTAL ANDHRA PRADESH (CONTD.)																											
RENTACHINTALA	1730	106	1003.0	991.2	+0.3	30.7	24.9	22.3	26.7	62	+ 1	6.0	-0.8	1.9	0	0	25	04	0	3	1	4	1	8	4	5	0
GANNAVARAM	0230	24	1004.9	1002.2	..	25.8	2446	24.1	30.0	90	..	5.4	..	8.1	0	5	11	01	0	0	1	0	1	9	4	14	0
	0530	24	1005.3	1002.6	..	25.4	24.3	23.7	29.5	91	..	5.5	..	8.1	0	2	16	02	0	0	0	2	1	10	3	12	0
	0830	24	1007.1	1004.4	+0.6	27.1	25.3	24.1	30.7	80	- 1	5.5	-0.2	9.1	0	3	19	03	0	1	2	0	2	10	4	8	0
	1130	24	1006.5	1003.7	..	30.5	26.1	24.2	30.2	70	..	6.0	..	13.2	0	5	24	00	0	1	2	6	4	10	6	1	0
	1430	24	1003.6	1000.9	..	30.9	26.1	24.1	30.0	68	..	6.4	..	13.9	0	6	22	01	0	2	2	6	0	11	6	2	0
	1730	24	1003.3	1000.6	+0.5	29.5	26.1	24.5	31.1	75	+ 4	6.4	+0.0	11.1	0	4	22	00	0	1	4	7	0	10	4	4	0
	2030	24	1005.8	1003.1	..	27.3	25.2	24.3	30.4	84	..	5.6	..	8.7	0	2	20	02	0	1	5	1	1	9	3	8	0
	2330	24	1006.3	1003.6	..	26.5	25.0	24.3	30.4	88	..	5.3	..	6.8	0	2	16	01	0	4	0	0	1	8	4	12	0
MASULIPATAM	0830	3	1007.0	1006.7	+0.3	27.7	25.2	24.0	30.0	81	- 1	5.8	+0.3	3.3	0	0	28	00	1	2	0	1	13	4	6	2	1
	1730	3	1003.3	1003.0	+0.1	30.4	26.1	24.2	30.4	70	- 3	5.8	+0.2	3.2	0	0	28	01	2	4	4	2	6	7	1	2	1
ONGOLE	0830	12	1007.1	1005.7	+0.2	28.8	25.2	23.4	29.1	73	- 2	3.9	-1.5	10.7	0	0	30	05	2	6	0	0	2	14	1	0	0
	1730	12	1003.3	1002.0	+0.3	31.5	25.9	23.3	28.8	64	- 4	4.6	-1.2	11.2	0	2	27	00	5	5	3	1	1	10	4	1	0
NELLORE	0530	20	1006.1	1003.9	..	26.6	24.4	23.4	28.8	83	..	5.6	..	3.2	0	0	12	00	1	0	0	0	2	4	5	18	0
	0830	20	1007.7	1005.5	+0.3	28.5	25.0	23.3	28.9	75	+ 6	5.6	+0.2	8.1	0	1	26	00	0	0	6	0	17	3	1	3	0
	1130	20	1006.9	1004.7	..	31.7	25.7	23.0	28.1	61	..	5.8	..	9.1	0	2	27	00	2	0	1	0	13	5	8	1	0
	1430	20	1004.2	1002.0	..	33.5	26.2	22.9	27.9	56	..	5.4	..	8.7	0	2	26	00	2	1	3	0	12	4	6	2	0
	1730	20	1003.8	1001.6	+0.5	31.2	25.8	23.3	28.8	64	+ 4	5.8	+0.3	8.1	0	0	28	00	0	0	6	0	10	6	6	2	0
	2330	20	1007.0	1004.8	..	27.9	25.3	24.2	30.0	81	..	5.4	..	3.1	0	1	9	00	0	1	1	0	2	2	4	20	0
VISHAKHAPATNAM (SOLAR)	0830	66	1005.9	998.5	..	28.7	25.3	23.7	29.5	75	..	6.5	..	3.9	0	0	18	01	1	1	0	2	9	2	1	12	1
TELANGANA																											
RAMGUNDAM	0830	156	1006.9	989.3	+0.7	27.0	24.6	23.4	28.9	81	+ 1	4.7	-1.1	2.1	0	0	20	03	1	0	0	7	2	4	3	10	0
	1730	156	1003.2	985.5	+0.4	29.5	25.3	23.0	28.8	70	+ 3	5.9	-0.1	4.3	0	1	21	07	2	2	0	3	1	6	1	8	0
NIZAMABAD	0830	381	1007.7	965.2	+0.7	25.2	23.3	22.3	26.9	85	+ 4	4.9	-0.2	2.3	0	0	18	00	1	1	0	0	12	4	0	12	0
	1730	381	1003.3	961.4	+0.6	28.9	26.5	25.6	32.6	83	+15	6.1	+0.6	1.0	0	0	9	00	0	0	0	0	8	0	1	21	0
HANAMKONDA	0830	269	1006.9	976.9	+0.2	25.9	23.6	22.5	27.3	81	+ 2	4.5	-0.6	1.9	0	0	25	04	0	0	0	7	0	11	3	5	0
	1730	269	1003.9	974.0	+0.5	29.2	24.8	22.8	27.7	69	+ 1	4.6	-1.2	2.0	0	0	30	06	0	0	7	2	5	2	8	0	0
HAKIMPET AERODROME	0530	613	1006.3	938.4	..	22.3	21.9	21.2	25.9	91	..	6.4	..	16.3	0	9	19	02	0	1	3	1	0	10	11	2	0
	0830	613	1007.1	939.7	..	24.3	22.2	21.9	25.3	86	..	6.2	..	19.3	0	11	19	01	0	1	2	3	1	9	13	0	0
	1130	613	1006.4	939.6	..	27.3	23.7	22.0	26.6	75	..	6.6	..	21.9	0	15	14	03	0	0	4	1	1	6	14	1	0
	1730	613	1003.9	937.1	..	26.7	23.3	22.0	26.1	75	..	6.6	..	18.5	0	11	18	04	5	3	1	0	0	3	11	1	2
	2330	613	1006.9	939.8	..	23.3	22.2	21.6	25.9	88	..	6.3	..	13.1	0	4	23	03	2	2	2	1	1	4	12	3	0
BHADRACHALLAM	0830	111	1006.1	993.9	-0.1	26.5	24.8	23.9	30.0	85	+ 1	6.1	-0.1	2.9	0	0	30	00	17	0	4	0	4	0	5	0	0
	1730	111	1002.7	990.3	+0.1	29.5	25.3	23.4	28.8	71	- 3	7.1	+0.3	3.3	0	0	30	01	22	0	2	0	0	1	4	0	0
HYDERABAD (BEGAMPET)	0230	545	1005.9	945.6	..	23.2	21.8	21.0	24.7	88	..	5.9	..	7.2	0	3	20	04	0	0	4	1	0	7	7	7	0
	0530	545	1006.2	945.8	..	22.7	21.4	20.8	24.4	89	..	6.3	..	9.1	0	4	18	05	0	0	1	1	1	8	6	8	0
	0830	545	1007.8	947.5	+0.5	24.1	22.0	21.1	25.0	84	+ 2	6.0	+0.3	12.1	0	8	20	02	0	0	2	3	0	5	16	2	0
	1130	545	1006.7	947.2	..	27.6	23.2	21.2	25.2	69	..	6.5	..	14.8	0	9	20	06	1	0	3	1	3	2	13	1	0
	1730	545	1003.3	944.0	+0.6	27.6	22.7	20.9	27.3	69	- 2	6.9	+0.5	10.0	0	0	30	06	4	2	4	1	0	4	9	0	0
	2330	545	1007.3	947.1	..	23.8	22.1	21.3	25.3	87	..	6.1	..	7.7	0	2	21	01	1	1	4	1	0	8	7	7	0
KHAMMAM	0830	112	1006.8	994.6	+0.4	27.0	25.0	23.9	30.0	83	+ 2	6.5	+0.9	4.5	0	0	21	03	0	0	1	3	3	6	5	9	0
	1730	112	1003.0	990.6	+0.3	30.2	25.4	23.2	28.4	67	- 2	6.7	+0.2	1.1	0	0	13	04	0	3	0	0	1	5	0	17	0
MAHBUBNAGAR	0830	505	1008.0	952.0	+0.5	24.6	22.3	21.3	25.3	82	+ 1	7.1	+1.1	7.4	0	0	28	01	0	0	1	3	4	8	11	2	0
	1730	505	1003.5	948.3	+0.4	27.8	23.5	21.5	25.8	70	+ 4	7.0	+0.3	7.5	0	0	26	04	0	3	1	1	0	6	11	4	0
RAYALASEEMA																											
KURNOOL	0830	281	1009.0	977.5	+0.9	25.7	22.7	21.2	25.2	77	+ 1	7.2	+1.2	11.1	0	4	25	00	2	0	1	0	19	0	5	1	2
	1730	281	1003.8	972.9	+0.6	30.3	24.0	20.8	24.7	59	+ 2	6.9	+0.5	10.3	0	3	26	00	2	0	6	0	12	0	6	1	3
NANDYAL	0830	212	1008.7	984.9	..	26.4	23.6	22.2	26.7	79	..	5.8	..	8.7	0	3	22	03	1	2	0	1	1	11	6	5	0
	1730	212	1003.7	980.6	..	30.1	24.6	22.0	26.3	63	..	6.6	..	12.3	0	6	21	07	3	8	0	3	0	7	4	3	0
ANANTAPUR	0530	350	1007.5	968.2	..	23.5	22.0	21.2	25.3	87	..	6.7	..	6.7	0	1	17	00	0	1	0	0	2	12	3	12	0
	0830	350	1009.1	969.9	+0.8	25.0	22.5	21.1	25.3	80	+ 6	6.5	+0.8	8.5	0	2	22	00	0	1	0	0	3	15	5	6	0
	1130	350	1007.8	969.1	..	28.7	23.6	20.9	25.0	64	..	6.2	..	9.2	0	2	25	01	0	0	0	0	2	9	14	3	1
	1430	350	1004.3	966.0	..	30.6	24.0	20.7	24.4	57	..	6.6	..	8.3	0	1	23	01	0	0	2	0	0	4	17	6	0
	1730	350	1003.6	965.3	+0.7	30.1	23.9	20.7	24.6	59	+ 7	6.6	+0.2	7.0	0	0	22	01	1	1	0	1	0	7	11	8	0
	2030	350	1006.5	967.7	..	27.7	23.6	21.5	25.6	71	..	6.2	..	5.3	0	0	15	00	1	0	0	1	0	9	4	15	0
	2330	350	1007.8	968.8	..	25.8	23.1	21.7	25.9	79	..	6.6	..	12.0	0	5	19	01	1	2	0	1	1	15	3	6	0
CUDDAPAH	0830	130	1009.2	994.5	+0.5	27.0	23.7	22.1	26.6	76	+ 5	5.2	-0.4	1.5	0	0	11	00	0	1	0	0	0	10	0	19	0
	1730	130	1003.8	989.3	+0.1	31.5	24.7	21.3	25.6	57	- 4	6.5	+0.7	1.6	0	0	10	00	0	0	0	0	0	10	0	20	0
AROGYAVARAM	0830	701	1009.6	932.7	+1.3	24.0	21.0	19.6	22.7	77	+ 5	6.2	+0.3	12.3	0	7	20	01	3	0	0	2	2	0	19	3	0
	1730	701	1003.5	928.4	+0.6	28.5	22.7	20.0	23.2	62	+ 8	7.1	+0.4	9.7	0	0	30	00	2	1	2	0	0	0	25	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of mean standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADRAS STATE (INCLUDING PONDICHERRY)																											
MADRAS	0830	6	1008.1	1007.4	+0.6	27.9	24.8	23.4	28.6	77	+ 3	5.9	+0.8	8.2	0	1	26	00	0	0	0	1	10	13	3	3	0
	1730	6	1004.4	1003.7	..	30.0	25.8	24.0	29.8	71	..	6.2	..	5.7	0	0	26	02	1	3	12	0	4	2	2	3	0
MADRAS (MINAMBAKKAM)	0230	16	1006.1	1004.3	..	26.9	24.5	23.4	28.8	81	..	5.3	..	10.2	0	4	19	00	0	0	3	3	7	9	1	7	0
	0530	16	1006.5	1004.7	..	26.0	23.9	22.8	27.9	83	..	5.9	..	10.7	0	4	22	01	0	0	0	4	7	12	2	4	0
	0830	16	1008.2	1006.5	+0.2	28.0	24.3	22.5	27.3	73	+ 0	5.8	+0.2	12.8	0	5	23	01	0	0	0	6	5	15	1	2	0
	1130	16	1007.3	1005.6	..	31.5	24.9	21.7	26.1	57	..	5.6	..	15.1	0	8	22	01	1	1	2	1	4	14	6	0	0
	1430	16	1004.6	1002.9	..	33.1	25.4	21.7	26.3	53	..	5.7	..	14.3	0	8	21	03	0	8	2	0	2	8	6	1	0
	1730	16	1004.4	1002.7	+0.3	30.6	25.4	23.0	28.1	65	- 4	6.3	+0.5	11.2	0	3	24	01	0	10	8	3	0	1	4	3	0
	2030	16	1006.9	1005.2	..	28.4	25.3	23.8	29.7	77	..	5.4	..	9.9	0	3	23	00	0	4	9	8	4	1	0	4	0
	2330	16	1007.5	1005.7	..	27.8	25.2	24.0	29.8	80	..	5.9	..	10.1	0	3	24	01	0	1	8	7	5	5	0	3	0
VELLORE	0530	214	1007.0	982.9	..	25.0	23.0	22.3	26.4	84	..	5.7	..	4.0	0	0	13	00	0	0	0	3	0	7	3	17	0
	0830	214	1008.7	984.7	+0.4	26.9	23.5	21.9	26.1	74	+ 3	5.4	+0.3	6.1	0	0	24	01	0	0	0	0	0	18	5	6	0
	1130	214	1007.5	983.8	..	31.0	24.8	21.9	26.3	59	..	5.9	..	6.0	0	0	29	01	1	0	0	1	1	20	5	1	0
	1730	214	1003.8	980.3	+0.2	31.9	24.6	21.0	25.0	54	- 2	6.6	+0.7	5.9	0	0	29	01	5	0	0	7	2	11	3	1	0
	2330	214	1008.2	984.2	..	26.9	23.8	22.4	26.9	78	..	6.7	..	3.6	0	0	17	00	0	0	0	4	3	10	0	13	0
TAMBARAM AERODROME	0830	29	1008.1	1004.7	..	27.9	25.2	24.1	29.7	80	..	5.8	..	14.0	0	6	18	02	0	0	0	2	5	11	4	6	0
	1730	29	1004.7	1001.5	..	30.9	26.3	24.2	30.4	69	..	6.3	..	15.4	0	11	16	02	2	2	13	3	1	3	1	3	0
TIRUPPATTUR	0830	390	1010.2	966.6	+1.5	25.1	23.6	22.7	26.6	87	+ 9	6.9	+1.4	2.9	0	0	25	02	2	0	0	20	0	1	0	5	0
	1730	390	1005.6	963.0	+2.1	29.1	24.3	21.9	26.4	66	+ 6	7.6	+1.1	5.5	0	0	29	09	0	0	0	18	2	0	0	1	0
METTUR DAM R.S.	0830		..	..	..	27.6	23.9	21.9	26.6	72	..	5.0	..	3.6	0	0	28	00	6	0	6	0	14	0	2	2	0
	1730		..	..	..	30.2	27.0	25.7	33.0	77	..	6.1	..	4.5	0	0	30	00	5	0	5	0	15	0	5	0	0
CUDDALORE	0530	6	1006.7	1005.3	..	25.4	23.7	22.8	27.9	86	..	6.0	..	1.2	0	0	8	00	0	0	0	1	7	0	0	22	0
	0830	6	1008.4	1007.1	+0.0	27.5	24.6	23.0	28.6	76	+ 3	5.9	+0.6	5.6	0	0	28	01	0	0	0	3	19	3	2	2	0
	1130	6	1007.8	1006.5	..	31.6	25.3	22.4	27.1	59	..	5.1	..	8.1	0	1	27	00	2	0	4	0	12	8	2	2	0
	1430	6	1004.9	1003.6	..	32.7	25.7	22.4	27.3	56	..	5.6	..	9.2	0	0	30	01	0	2	11	0	7	3	6	0	0
	1730	6	1004.4	1003.1	+0.0	31.0	25.8	23.5	28.9	67	- 3	5.3	-0.1	7.3	0	0	26	00	0	0	18	2	4	1	1	4	0
	2330	6	1007.8	1006.5	..	27.2	25.1	24.1	30.0	83	..	6.0	..	10.1	0	1	27	00	0	0	4	8	14	2	0	2	0
KALLAKKURICHCHI	0830	217	1008.3	994.2	+0.6	27.0	26.1	25.7	33.0	93	+22	5.1	+0.8	5.1	0	0	27	00	1	0	2	2	19	3	0	3	0
	1730	217	1003.8	989.8	+0.5	31.4	30.3	29.8	41.7	92	+38	6.0	+0.6	6.2	0	0	27	02	2	1	2	0	18	1	1	2	0
SALEM	0530		1007.2	975.9	..	23.8	21.8	20.7	24.4	83	..	5.0	..	0.3	0	0	2	00	0	0	0	0	0	0	2	28	0
	0830		1009.2	977.9	+0.0	25.3	22.5	21.0	25.0	77	+ 0	5.5	+0.4	1.2	0	0	8	00	1	0	0	1	1	5	0	22	0
	1130		1008.1	977.3	..	29.7	23.6	20.5	24.1	58	..	5.8	..	3.8	0	0	23	02	0	0	0	2	9	6	4	7	0
	1730		1003.9	973.4	+0.0	30.5	23.5	19.9	23.2	55	+ 1	6.3	+0.4	3.3	0	0	15	00	0	1	0	0	10	4	0	15	0
	2330		1008.6	977.0	..	25.5	22.5	20.9	24.7	77	..	6.3	..	2.4	0	0	14	00	0	0	0	0	2	10	2	16	0
COIMBATORE (PILAMEDU)	0530	399	1008.2	963.4	..	22.3	21.3	20.8	24.6	91	..	4.3	..	15.5	0	7	22	00	0	0	0	7	21	1	0	1	0
	0830	399	1009.9	965.3	+0.7	24.5	22.0	20.7	24.4	80	+ 1	5.4	+0.8	15.5	0	8	19	00	0	0	0	7	19	1	0	3	0
	1130	399	1008.5	964.7	..	28.9	22.8	19.6	22.7	57	..	5.3	..	20.6	0	15	13	00	0	0	0	12	16	0	0	2	0
	1430	399	1005.1	961.6	..	30.4	23.1	19.2	22.4	52	..	6.0	..	31.3	0	27	3	00	0	0	0	9	18	3	0	0	0
	1730	399	1005.4	961.5	+0.7	27.1	22.3	19.6	22.9	63	+ 0	6.1	+0.4	30.3	0	27	3	01	0	0	0	4	25	0	0	0	0
	2030	399	1008.3	963.8	..	24.4	21.8	20.4	24.0	79	..	4.9	..	23.3	0	22	8	00	0	0	0	5	25	0	0	0	0
	2330	399	1009.5	964.8	..	23.3	21.7	20.9	24.7	87	..	5.0	..	20.0	0	16	14	00	0	0	0	7	23	0	0	0	0
COIMBATORE	0830	409	1009.7	964.1	+0.3	24.8	22.1	20.6	24.4	78	+ 1	6.0	+0.9	8.9	0	0	30	00	0	0	0	2	26	1	0	0	1
NAGAPATTINAM	0830	9	1009.1	1008.0	+0.2	27.5	23.9	22.1	26.7	73	+ 2	6.4	+1.3	9.5	0	0	29	00	0	0	0	0	9	18	2	1	0
	1730	9	1005.0	1004.0	+0.1	30.6	25.7	23.7	28.9	68	- 1	6.1	+1.2	18.1	0	17	12	00	0	1	15	7	5	1	0	1	0
TIRUCHCHIRAPPALLI	0230	94	1006.8	996.9	..	26.0	22.8	21.1	25.2	76	..	6.2	..	17.9	0	14	14	01	0	0	0	0	2	22	3	2	0
	0530	94	1006.9	996.9	..	25.6	22.5	20.9	24.7	76	..	6.4	..	19.5	0	16	12	00	0	0	0	0	4	22	2	2	0
	0830	94	1008.7	998.8	+0.0	27.4	23.4	21.5	25.5	71	+ 1	6.3	+1.2	24.1	0	22	7	00	0	1	0	0	1	26	1	1	0
	1130	94	1007.8	998.0	..	31.2	24.6	21.3	25.5	56	..	5.8	..	26.2	0	23	7	00	0	0	0	0	2	24	4	0	0
	1430	94	1004.5	994.8	..	33.2	25.0	21.0	25.0	50	..	5.9	..	19.5	0	13	17	01	1	0	0	1	6	14	7	0	0
	1730	94	1004.2	994.5	+0.1	31.5	24.3	20.7	24.4	55	+ 4	6.3	+2.0	20.4	0	17	18	01	1	1	2	6	6	11	2	0	0
	2030	94	1007.5	997.5	..	27.7	23.6	21.5	25.6	71	..	6.7	..	18.7	0	11	19	00	0	0	5	9	4	10	2	0	0
	2330	94	1008.2	998.3	..	26.7	23.1	21.1	25.3	73	..	6.7	..	17.3	0	15	10	00	0	0	0	3	5	15	2	5	0
VEDARANNIYAM	0830	4	1008.9	1008.4	..	28.2	24.5	22.9	27.6	73	..	5.7	..	3.6	0	0	30	03	0	0	0	3	15	5	4	0	0
	1730	4	1005.3	1004.8	..	29.7	25.6	23.8	29.3	71	..	5.5	..	4.7	0	0	30	00	0	0	3	12	14	1	0	0	0
ATIRAMPATTINAM	0830	6	1009.0	1008.3	..	28.2	24.5	22.6	27.6	73	..	4.3	..	9.0	0	0	30	04	0	0	0	0	4	5	16	0	1
	1730	6	1005.2	1004.5	..	29.8	26.3	24.9	31.5	75	..	5.9	..	20.0	0	18	12	00	0	0	2	23	3	0	0	0	2
MADURAI	0830	133	1009.2	994.2	+0.3	27.6	23.9	22.0	26.4	73	+10	4.3	-0.8	4.5	0	0	30	12	0	1	0	0	0	1	16	0	0
MADURAI AERODROME	0530	131	1007.1	992.2	..	26.0	22.4	20.4	24.1	72	..	4.9	..	10.9	0	2	23	03	1	1	0	0	2	5	13	5	0
	0830	131	1008.6	994.1	+0.3	28.5	23.1	20.2	23.8	61	- 3	5.1	+0.3	13.1	0	5	22	02	1	0	0	0	1	8	15	3	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gen. of normal standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADRAS STATE (INCLUDING PONDICHERRY)																											
MADURAI AERO	1130	131	1007.8	993.3	..	32.6	24.3	20.0	23.5	48	..	5.0	..	17.6	0	12	16	02	3	0	0	1	3	13	6	2	0
	1730	131	1005.0	990.5	+0.6	30.4	23.7	20.1	23.8	57	+ 4	6.4	+0.3	23.5	0	17	13	01	1	6	4	2	3	11	2	0	0
TONDI	0830	5	1009.4	1008.8	+0.7	28.5	24.6	22.8	27.6	72	+ 1	6.8	+1.9	3.3	0	0	20	04	1	2	1	2	3	3	4	10	0
	1730	5	1005.9	1005.3	+0.8	29.6	26.0	24.7	30.7	77	+ 1	6.8	+1.2	22.5	0	18	10	00	0	0	18	9	1	0	0	2	0
PAMBAN	0830	11	1008.9	1007.6	-0.2	28.2	26.9	26.3	34.2	89	+11	5.7	+2.0	12.7	0	7	23	01	2	1	4	6	8	7	1	0	0
	1730	11	1005.9	1004.6	+0.2	29.4	27.9	29.3	36.3	89	+ 8	5.8	+1.3	13.0	0	4	26	00	1	4	2	4	11	8	0	0	0
TUTICORIN	0830	4	1009.5	1009.1	+0.5	29.4	23.6	20.6	24.4	60	+ 1	4.6	+1.4	14.7	0	11	19	00	2	1	0	0	4	19	4	0	0
	1730	4	1005.9	1005.5	+0.8	31.2	24.5	21.2	25.3	57	+ 0	5.4	+2.2	18.9	0	16	14	00	0	1	3	5	1	18	2	0	0
PALAYANKOTTAI	0830	51	1009.4	1003.7	+0.6	29.4	23.7	20.2	24.7	58	+ 0	5.6	+1.0	12.9	0	7	23	05	0	1	0	0	2	16	6	0	0
	1730	51	1005.8	1000.1	+0.6	30.8	23.8	20.1	23.8	54	+ 1	6.6	+1.5	17.3	0	11	19	02	0	0	0	1	4	20	3	0	0
KANNIYAKUMARI	0830	37	1010.0	1005.9	..	26.3	23.5	22.2	26.6	78	..	6.1	..	17.4	0	10	20	00	0	0	0	0	3	24	3	0	0
	1730	37	1007.1	1003.0	..	26.2	23.9	22.6	27.9	79	..	6.3	..	18.4	0	14	16	00	0	0	0	0	18	12	0	0	0
PONDICHERRY	0830	6	1008.3	1007.7	..	27.9	24.9	23.6	28.9	78	..	5.4	..	10.0	0	1	28	00	0	0	1	2	7	14	5	1	0
	1730	6	1004.1	1003.5	..	30.6	27.0	25.5	32.6	75	..	5.7	..	20.2	0	17	13	00	1	3	19	3	2	1	1	0	0
PORT NOVA	0830	3	1008.3	1008.0	..	27.9	24.6	23.0	28.3	75	..	5.8	..	8.2	0	0	29	00	1	0	1	1	20	4	2	1	0
TUTICORIN H.P.	0830	3	1009.2	1008.9	..	29.5	23.7	20.8	24.6	60	..	4.6	..	21.5	0	15	15	03	0	1	0	2	7	11	6	0	0
	1130	3	1008.5	1008.2	..	31.9	24.7	21.0	25.2	55	..	4.3	..	24.3	0	16	14	00	1	3	5	4	3	12	2	0	0
	1430	3	1005.4	1005.1	..	31.9	25.2	21.9	26.6	58	..	4.1	..	32.9	0	27	3	00	0	1	5	9	2	12	1	0	0
	1730	3	1005.2	1004.9	..	30.7	24.6	21.5	25.9	60	..	5.1	..	31.6	0	24	6	01	1	0	3	6	3	13	3	0	0
COASTAL MYSORE																											
KARWAR	0830	4	1010.6	1010.0	+1.0	26.0	24.5	23.9	29.7	89	- 1	6.8	+0.8	2.3	0	0	28	00	5	8	4	0	1	4	6	2	0
	1730	4	1007.5	1007.0	+0.5	27.8	25.1	23.9	29.7	75	- 8	6.9	+0.9	7.5	0	1	29	00	0	0	3	0	3	6	16	0	2
HONAVAR	0830	26	1010.4	1007.4	+0.2	24.7	23.7	23.3	28.4	92	+ 1	7.1	+0.8	1.8	0	0	21	01	1	14	1	3	1	0	0	9	0
	1730	26	1007.7	1004.9	+0.3	27.5	25.1	24.1	29.8	81	- 3	6.6	+0.4	3.1	0	0	26	00	0	0	0	2	2	20	2	4	0
MANGALORE (BAJPE)	0230	102	1009.0	997.4	..	24.0	23.3	23.0	27.9	94	..	6.8	..	1.6	0	0	8	00	2	2	0	0	2	1	1	22	0
	0530	102	1008.8	997.2	..	23.5	22.9	22.7	27.4	95	..	6.7	..	1.2	0	0	5	00	1	1	2	0	0	0	1	25	0
	0830	102	1010.5	998.9	+0.3	24.7	23.7	23.2	28.4	91	- 1	6.9	+0.5	4.1	0	0	14	00	2	5	5	0	1	0	1	16	0
	1130	102	1010.3	998.9	..	27.5	24.6	23.3	28.6	78	..	6.6	..	11.5	0	2	24	01	0	0	3	3	7	11	1	4	0
	1430	102	1007.8	996.4	..	28.2	24.9	23.4	28.8	77	..	6.5	..	18.0	0	9	21	00	0	0	0	4	4	19	3	0	0
	1730	102	1007.3	995.9	+0.1	27.2	24.4	23.2	28.3	80	- 4	6.5	+0.0	16.1	0	4	25	01	0	0	0	4	1	21	2	1	0
	2030	102	1009.5	998.0	..	25.1	24.0	23.4	28.9	90	..	6.7	..	4.0	0	0	16	02	0	0	1	0	0	9	4	14	0
	2330	102	1010.3	998.7	..	24.6	23.7	23.3	28.6	92	..	6.7	..	3.4	0	0	13	01	1	1	1	1	2	2	4	17	0
MANGALORE	0830	22	1010.8	1008.3	+0.4	25.7	23.9	23.1	29.1	86	- 3	6.5	+0.2	2.8	0	0	26	03	3	10	4	1	1	4	0	4	0
	1730	22	1007.6	1005.1	+0.0	27.4	24.8	23.7	29.1	80	- 3	5.9	-0.4	5.5	0	0	30	01	0	0	0	2	9	8	7	0	3
MANGALORE H.P.	0830	32	1010.3	1006.7	..	25.0	24.1	23.7	29.3	93	..	6.8	..	4.1	0	0	22	00	2	5	11	1	1	1	0	8	1
	1130	32	1010.2	1006.6	..	27.5	25.1	23.9	29.8	81	..	6.4	..	10.3	0	1	29	01	0	0	1	4	10	8	6	0	0
	1730	32	1007.2	1003.6	..	26.8	24.9	24.1	30.0	85	..	6.4	..	10.5	0	1	28	00	0	0	0	1	7	7	14	1	0
INTERIOR MYSORE, NORTH																											
BIDAR	0830	664	1008.1	935.0	+1.0	24.0	21.3	20.3	23.2	80	- 4	6.1	+0.2	12.3	0	6	23	00	0	1	2	1	4	12	9	1	0
	1730	664	1003.7	931.4	+0.8	26.0	22.1	20.1	23.8	73	+ 5	7.4	+0.8	13.3	0	8	21	02	3	0	2	0	5	7	8	1	2
GULBARGA	0830	458	1008.5	957.4	+0.5	24.0	22.3	21.4	25.6	85	+ 5	7.1	+1.5	7.6	0	0	23	03	0	0	1	0	1	15	3	7	0
	1730	458	1004.0	953.7	+0.7	27.7	23.2	21.3	25.0	70	+ 9	7.1	+0.8	6.5	0	0	29	00	1	4	0	0	2	14	8	1	0
BIJAPUR	0830	594	1009.3	943.6	+1.0	22.8	21.6	20.7	24.9	88	+ 8	7.6	+2.2	6.2	0	0	28	02	2	1	0	0	1	15	7	2	0
	1730	594	1003.5	939.4	+0.4	28.4	22.8	20.2	23.7	63	+ 4	7.5	+1.3	4.0	0	0	25	07	0	0	0	2	1	9	6	5	0
RAICHUR	0830	400	1008.9	964.3	+0.6	24.7	22.3	21.1	25.0	81	+ 3	6.1	+1.0	6.9	0	0	30	00	2	0	2	0	5	1	20	0	0
	1730	400	1003.7	960.0	+0.4	29.9	22.8	19.3	21.8	58	+ 2	6.3	+0.4	6.0	0	0	28	00	4	0	6	1	4	0	13	2	0
BELGAUM	0830	753	1009.4	926.8	+0.5	21.7	20.6	20.0	23.5	90	+ 1	7.3	+1.7	2.1	0	0	15	01	1	1	0	0	1	8	3	15	0
	1730	753	1005.8	923.9	+0.2	24.4	22.0	20.8	24.7	81	+ 0	7.3	+1.2	4.4	0	0	25	01	0	0	0	2	1	16	4	5	1
BELGAUM (SANRA)	0530	747	1008.7	926.0	..	20.1	19.4	19.1	22.1	94	..	5.8	..	4.8	0	0	20	01	1	0	1	0	2	14	0	10	1
	0830	747	1009.9	927.4	+0.8	21.6	20.2	19.4	22.7	87	- 2	6.8	+0.5	9.1	0	2	25	04	0	0	2	2	2	13	3	3	1
	1130	747	1008.6	927.3	..	25.7	21.2	18.9	21.8	67	..	6.3	..	10.5	0	4	21	01	2	0	1	0	2	12	5	5	2
	1430	747	1005.6	924.9	..	27.0	21.6	18.8	21.8	61	..	6.6	..	15.4	0	11	18	01	0	2	1	1	4	16	4	1	0
	1730	747	1006.0	924.6	+0.4	24.1	21.1	19.5	22.8	76	- 3	6.8	+0.4	16.7	0	12	18	00	0	0	0	1	5	22	2	0	0
	2030	747	1008.7	926.5	..	21.8	20.5	19.9	23.2	89	..	6.4	..	8.5	0	2	26	00	0	0	0	0	2	24	2	2	0
GADAG	0530	650	1008.5	936.4	..	20.9	20.4	20.2	23.5	95	..	5.8	..	7.9	0	0	26	01	0	0	0	0	3	21	1	4	0
	0830	650	1009.1	937.1	-0.2	22.1	21.4	20.9	25.0	93	+10	6.4	+0.3	6.7	0	0	28	01	0	0	1	2	0	24	0	2	0
	1130	650	1008.4	937.5	..	26.6	23.3	21.8	26.3	75	..	6.5	..	9.5	0	0	30	00	1	0	3	1	4	18	3	0	0
	1430	650	1005.0	934.8	..	28.9	24.0	21.8	26.3	67	..	6.5	..	9.2	0	1	26	00	1	0	1	1	3	18	3	3	0
	1730	650	1004.5	933.8	+0.0	26.9	23.5	22.0	26.4	76	+10	6.9	+0.6	7.4	0	0	28	00	0	1	0	2	0	24	1	2	0
	2030	650	1008.2	936.7	..	23.5	22.1	21.5	25.6	89	..	5.2	..	9.7	0	1	25	01	0	0	1	0	4	20	0	4	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — SEPTEMBER,1968 (BHADRA 10 - ASVINA 8,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
INTERIOR MYSORE NORTH (CONTD.)																											
GADAG	2330	650	1009.5	937.5	..	22.1	21.4	21.1	25.0	94	..	6.0	..	9.5	0	1	26	00	0	0	0	0	5	21	0	3	1
BIDAR A.F	0530	665	1007.0	933.3	..	21.6	20.8	20.2	24.0	92	..	5.8	..	11.9	0	3	25	03	0	0	3	0	3	12	7	2	0
	0830	665	1008.2	934.8	..	23.3	21.4	20.4	24.1	84	..	5.9	..	17.7	0	11	18	04	0	0	0	3	1	10	11	1	0
	1130	665	1007.3	934.7	..	26.5	22.7	21.0	24.7	73	..	6.4	..	16.9	0	7	22	05	2	0	3	1	1	8	9	1	0
	1730	665	1003.9	931.6	..	26.2	22.3	21.3	24.6	73	..	6.5	..	17.5	0	13	17	07	5	0	2	1	6	5	4	0	0
	2330	665	1007.7	934.3	..	23.0	21.3	20.8	24.1	86	..	6.0	..	12.9	0	6	21	04	2	2	3	0	4	8	4	3	0
INTERIOR MYSORE,SOUTH																											
BELLARY	0830	449	1009.0	959.0	+0.4	24.4	21.6	20.2	23.5	78	+ 5	6.9	+1.2	8.1	0	0	22	01	0	2	0	0	1	9	9	8	0
	1730	449	1003.5	954.7	+0.2	29.9	23.1	19.4	22.7	55	+ 0	7.4	+1.3	9.1	0	2	19	00	0	1	1	0	0	7	12	9	0
CHITRADURGA	0830	733	1009.5	928.7	+0.1	21.6	20.2	19.4	22.7	87	+ 4	5.8	-0.6	7.9	0	0	26	00	0	0	2	0	6	18	0	4	0
	1730	733	1004.2	925.2	+0.2	27.2	21.5	18.7	21.4	61	- 2	5.1	-1.1	7.6	0	1	28	00	0	0	3	0	6	20	0	1	0
SHIMOGA	0830		..	..	..	..	..	..	..	..	..	7.1	+0.6	1.8	0	0	26	00	2	1	0	0	11	12	0	4	0
	1730		..	..	..	..	..	..	..	..	..	6.9	+0.8	3.3	0	0	30	02	0	0	0	1	3	19	5	0	0
AGUMBE	0830		..	..	..	21.9	20.9	20.3	24.0	91	..	.	..	4.2	0	0	27	00	5	2	2	0	13	1	4	3	0
BALEHONNUR	0830		..	..	..	20.7	19.8	19.2	22.4	92	- 1	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
HASSAN	0830	960	1498.8	905.1	+0.1	20.5	19.3	18.3	21.4	87	+ 1	7.0	+0.9	3.0	0	0	28	00	0	0	0	0	3	24	1	2	0
	1730	960	1478.0	902.3	+0.3	23.5	20.3	18.2	21.4	74	- 1	7.0	+0.7	3.7	0	0	25	00	0	0	0	0	2	21	2	5	0
BANGALORE	0230	921	1497.1	909.0	..	20.3	19.3	18.7	21.7	90	..	5.7	..	6.1	0	0	24	00	0	0	0	1	4	19	0	6	0
	0830	921	1508.3	910.1	+1.2	20.7	19.3	18.6	21.3	88	+ 3	7.0	+0.1	6.2	0	0	28	01	1	0	1	0	8	15	2	2	0
	1130	921	1515.6	910.1	..	24.7	20.6	18.5	21.3	69	..	6.3	..	7.0	0	0	28	00	1	0	1	0	4	14	8	2	0
	1430	921	1497.9	907.7	..	27.3	21.4	18.3	21.0	59	..	6.5	..	7.1	0	0	29	02	0	0	1	0	5	13	7	1	1
	1730	921	1487.5	906.9	+1.3	25.9	20.9	18.2	21.0	64	+ 2	6.9	+0.1	6.3	0	0	27	00	0	0	2	0	7	15	3	3	0
	2030	921	1501.1	909.0	..	22.3	20.1	18.9	21.8	83	..	6.2	..	4.7	0	0	23	00	0	2	1	1	6	12	1	7	0
BANGALORE AERODROME	0530	901	1477.7	909.9	..	19.6	18.9	18.6	21.3	93	..	6.4	..	11.4	0	3	25	00	1	0	0	1	7	18	1	2	0
	0830	901	1496.4	911.4	+0.1	21.1	19.6	18.9	21.8	87	+ 4	6.9	+0.5	15.0	0	9	21	01	1	0	1	0	5	19	3	0	0
	1130	901	1500.7	911.1	..	24.9	20.9	18.7	21.8	69	..	6.5	..	15.6	0	12	18	01	0	0	1	0	3	21	3	0	1
	1730	901	1472.0	907.9	+0.1	25.7	21.2	18.9	21.8	66	+ 4	6.8	+0.3	13.7	0	8	21	00	1	0	2	0	11	11	4	1	0
	2330	901	1491.0	911.1	..	21.0	19.8	19.1	22.2	89	..	6.2	..	11.6	0	6	19	00	0	1	1	0	10	12	1	5	0
MYSORE	0830	767	1010.3	925.7	+0.2	21.4	19.5	18.5	21.3	83	+ 0	4.3	-1.4	10.5	0	1	29	08	1	2	1	4	7	6	1	0	0
	1730	767	1005.4	922.4	+0.0	25.8	20.7	18.0	20.8	64	+ 3	4.8	-1.3	14.1	0	6	24	02	0	1	1	4	16	2	4	0	0
YALANKA A.F	0530	932	1480.3	906.7	..	19.7	18.7	18.2	20.8	91	..	6.3	..	18.5	0	12	16	00	1	0	2	0	2	20	3	2	0
	0830	932	1497.8	908.1	..	21.6	19.4	18.4	20.9	84	..	6.6	..	23.3	0	18	12	02	0	0	1	0	1	22	4	0	0
	1130	932	1502.0	907.8	..	25.3	20.5	18.0	20.5	65	..	6.4	..	24.6	0	19	11	02	0	0	1	0	1	17	9	0	0
	1730	932	1476.1	904.9	..	26.2	20.8	17.7	20.6	61	..	6.6	..	21.5	0	14	16	02	1	0	0	2	2	16	7	0	0
	2330	932	1493.6	907.7	..	21.2	19.4	18.7	21.1	86	..	6.5	..	19.1	0	15	13	00	0	1	2	0	5	17	3	2	0
KERALA																											
CALICUT	0530	5	1009.5	1008.9	..	24.2	23.7	23.5	28.9	95	..	5.8	..	1.1	0	0	9	01	0	3	0	1	1	3	0	21	0
	0830	5	1011.1	1010.5	+0.5	25.6	24.2	23.7	29.1	90	+ 2	5.9	+0.2	2.5	0	0	23	00	1	10	0	0	2	5	5	7	0
	1130	5	1011.2	1010.6	..	27.2	25.1	24.1	30.0	84	..	4.8	..	3.0	0	0	28	00	0	0	0	4	2	21	1	2	0
	1430	5	1009.3	1008.7	..	28.3	25.4	24.1	30.0	78	..	5.0	..	3.3	0	0	27	03	0	0	0	3	7	12	2	3	0
	1730	5	1008.4	1007.8	+0.6	26.7	24.7	23.9	29.5	89	+ 7	5.9	+0.0	3.5	0	0	28	00	1	0	0	1	9	13	4	2	0
	2330	5	1010.9	1010.3	..	24.6	23.9	23.6	28.9	94	..	5.7	..	3.6	0	0	25	02	5	9	0	2	2	3	2	5	0
PALGHAT	0830	97	1010.9	999.8	+0.6	24.9	23.7	23.1	28.3	89	+ 2	6.9	+1.1	9.7	0	0	30	00	0	0	0	0	4	26	0	0	0
	1730	97	1007.3	996.4	+0.6	26.9	24.1	22.8	27.7	78	+ 5	6.7	+0.6	11.1	0	0	30	00	0	0	0	0	5	24	1	0	0
FORT COCHIN	0830	3	1011.0	1010.7	+0.0	26.4	24.8	24.0	30.0	87	+ 3	7.2	+1.0	4.7	0	0	22	01	6	4	1	0	0	7	3	8	0
	1730	3	1008.0	1007.7	+0.0	26.9	24.8	23.9	29.7	84	+ 0	7.3	+0.9	9.0	0	0	27	00	0	0	0	0	2	13	12	3	0
COCHIN(NAVAL AIR STATION)	0230	3	1009.6	1009.3	..	24.6	23.8	23.4	28.8	93	..	6.1	..	3.2	0	0	11	01	1	0	1	1	0	1	6	19	0
	0530	3	1009.4	1009.1	..	24.2	23.5	23.2	28.3	94	..	6.2	..	3.1	0	0	10	01	2	3	0	0	1	1	2	20	0
	0830	3	1011.1	1010.8	..	25.6	24.1	23.4	28.9	88	..	6.4	..	4.5	0	0	18	05	2	4	3	0	1	1	2	12	0
	1130	3	1011.1	1010.9	..	27.8	24.7	23.3	28.6	77	..	5.9	..	12.8	0	1	28	02	0	1	0	2	3	8	13	1	0
	1730	3	1008.3	1008.0	..	27.1	24.6	23.4	28.9	80	..	6.3	..	14.3	0	1	29	00	0	0	0	1	6	8	15	0	0
	2330	3	1011.0	1010.7	..	25.3	24.1	23.6	28.9	91	..	6.7	..	3.2	0	0	9	00	0	1	1	0	3	1	3	21	0
ALLEPPEY	0830	4	1011.1	1010.7	+0.7	25.9	24.7	24.1	30.2	90	+ 4	6.5	+0.3	5.3	0	1	28	00	12	5	5	0	0	2	5	1	0
	1730	4	1009.2	1008.8	+1.6	27.0	25.0	24.1	30.0	84	+ 2	6.5	+0.2	17.9	0	14	16	00	0	0	0	0	0	5	25	0	0
PUNALUR	0830	34	1011.4	1007.6	+0.9	24.9	24.0	23.5	28.9	92	+ 1	7.3	+2.2	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	1730	34	1007.8	1004.0	+0.4	28.4	25.0	23.5	28.9	75	+ 4	7.6	+1.6	4.2	0	0	23	00	0	0	0	0	6	12	5	7	0
TRIVANDRUM	0230	64	1009.4	1002.1	..	24.1	23.5	23.2	28.4	95	..	5.6	..	5.5	0	0	20	07	0	0	0	0	0	1	12	10	0
	0530	64	1009.5	1002.1	..	23.7	23.2	22.9	27.9	95	..	5.8	..	7.5	0	1	27	09	3	1	0	0	0	3	12	2	0
	0830	64	1011.3	1004.0	+0.5	25.1	23.8	23.1	28.3	89	+ 3	6.5	+1.4	7.9	0	0	30	10	4	0	0	0	0	1	15	0	0
	1130	64	1010.8	1003.5	..	27.7	24.6	23.5	28.3	77	..	6.6	..	11.6	0	0	30	04	0	0	0	0	2	6	18	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mb. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mb.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
KERALA (CONTD)																											
TRIVANDRUM	1430	64	1008.2	1001.0	..	28.4	24.7	23.0	27.9	73	..	6.3	..	14.0	0	2	28	01	0	0	0	0	1	9	19	0	0
	1730	64	1008.3	1001.0	+0.6	26.6	24.1	23.0	27.9	81	+ 4	6.7	+1.1	11.2	0	2	28	02	0	0	0	0	1	6	21	0	0
	2030	64	1010.5	1003.2	..	25.3	23.9	23.2	28.4	89	..	5.9	..	8.1	0	0	28	00	0	0	0	0	1	6	21	2	0
	2330	64	1011.1	1003.8	..	24.6	23.7	23.3	28.6	93	..	5.9	..	8.6	0	0	29	10	0	0	0	0	0	4	15	1	0
TRIVANDRUM AERODROME	0830	8	1011.6	1010.7	+1.0	25.8	23.8	22.9	27.9	84	+ 2	6.7	+1.4	17.7	0	10	19	15	2	0	0	0	0	1	11	1	0
ARABIAN SEA ISLANDS																											
AMINI	0530	4	1008.7	1008.3	..	26.3	24.5	23.6	29.3	85	..	5.1	..	24.8	0	22	7	07	0	0	0	0	1	13	13	1	0
	0830	4	1010.6	1010.1	+0.1	26.6	24.7	23.8	29.7	85	+ 3	6.3	+1.1	22.7	0	18	12	03	0	0	0	0	2	18	7	0	0
	1130	4	1011.0	1010.5	..	27.9	25.1	23.9	29.5	79	..	6.0	..	24.5	0	21	9	03	0	0	0	1	2	15	9	0	0
	1730	4	1007.8	1007.4	..	27.6	25.2	24.1	30.0	82	..	6.1	..	28.5	0	24	6	01	0	0	0	2	1	13	13	0	0
	2330	4	1010.6	1010.1	..	26.9	24.7	23.7	29.3	83	..	5.5	..	27.9	1	21	8	01	1	0	0	1	1	14	12	0	0
AGATTI	0830	4	1010.7	1010.2	..	26.9	24.9	24.0	29.8	84	..	7.1	..	14.4	0	8	21	01	1	0	0	0	3	10	14	1	0
	1730	4	1008.4	1008.0	..	27.5	25.2	24.1	30.0	81	..	6.4	..	21.0	0	14	16	00	0	0	0	0	1	12	17	0	0
ANDROTH	0830	5	1011.4	1010.9	..	26.1	24.6	23.9	29.7	88	..	6.7	..	2.3	0	0	24	00	2	0	1	0	4	3	13	6	1
	1730	5	1007.0	1006.5	..	27.8	25.1	24.0	29.8	80	..	6.6	..	2.9	0	0	21	00	0	0	0	0	2	13	5	9	1
MINICOY	0530	2	1009.9	1009.7	..	25.8	23.7	22.8	27.6	83	..	6.2	..	13.6	0	8	21	01	0	0	0	0	0	17	11	1	0
	0830	2	1011.7	1011.5	+0.5	26.9	24.3	23.1	28.3	80	+ 1	6.4	+0.9	12.2	0	2	28	00	0	0	0	0	0	12	18	0	0
	1130	2	1011.9	1011.7	..	28.2	25.0	23.5	29.1	76	..	6.5	..	12.1	0	2	28	01	0	0	0	0	0	14	15	0	0
	1430	2	1009.5	1009.3	..	28.2	25.0	23.3	29.1	74	..	6.4	..	13.7	0	3	27	00	0	0	0	0	0	11	19	0	0
	1730	2	1009.1	1008.9	+0.6	27.6	24.5	23.0	28.3	77	- 2	6.5	+0.7	13.6	0	5	25	00	0	0	0	0	0	13	17	0	0
	2030	2	1010.9	1010.7	..	26.7	24.1	22.9	27.9	79	..	6.2	..	14.9	0	7	23	00	0	0	0	0	0	17	13	0	0
	2330	2	1011.8	1011.6	..	26.6	24.1	22.7	27.9	80	..	5.7	..	27.9	0	9	21	01	0	0	0	0	1	18	10	0	0
HILL STATIONS(EXCLUDING KASHMIR)																											
DALHOUSIE	0830	1959	1423.7	798.8	+0.6	17.3	15.7	14.7	16.7	86	+ 2	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730	1959	1413.2	798.3	+1.3	21.9	18.7	17.3	19.7	79	- 4	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
DHARMASALA	0830	1211	1521.1	880.5	-0.1	24.5	19.7	17.5	20.0	65	- 8	2.8	-0.7	1.1	0	0	15	00	7	6	1	0	1	0	0	15	0
	1730	1211	1504.8	879.1	+0.0	26.3	21.1	18.3	21.0	63	-11	4.5	+0.0	2.2	0	0	27	00	1	0	0	1	18	5	2	3	0
BHUNTAR	0830	1096	1482.4	889.0	..	21.1	18.3	16.6	18.9	76	..	2.4	..	2.2	0	0	17	06	4	3	2	2	0	0	0	13	0
	1130	1096	1478.3	887.5	..	29.5	21.4	17.1	19.5	48	..	2.6	..	15.5	0	11	19	00	0	2	7	19	1	1	0	0	0
	1730	1096	1452.6	885.2	..	27.6	20.9	17.3	19.7	54	..	3.0	..	16.4	0	8	22	00	1	9	8	12	0	0	0	0	0
SIMLA	0830	2202	1475.9	781.7	+0.9	17.7	13.7	10.6	12.8	66	- 9	2.6	-1.7	1.3	0	0	19	01	3	1	11	0	1	0	2	11	0
	1730	2202	1459.5	780.3	+0.8	18.7	15.6	13.8	15.8	73	- 9	4.8	-0.3	1.9	0	8	29	00	1	0	7	6	4	6	5	1	0
GHANGARIA (KANJALIA TOK)	0830		..	..	..	10.4	8.3	6.6	9.7	78	-13	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
BADRINATH	0830		(R)																								
	1730		(R)																								
JOSHIMATH	0830		..	..	+ .8	19.3	16.1	14.3	16.3	74	- 9	2.7	-2.6	2.7	0	0	22	01	2	9	2	0	3	3	2	8	0
	1730		..	..	- .7	22.8	17.0	13.6	15.6	58	-16	4.0	-2.0	3.4	0	0	27	03	0	3	0	4	6	10	1	3	0
MUSSOORIE	0830	2042	1467.9	795.4	-1.1	18.1	15.4	13.7	15.7	77	- 9	3.3	-1.2	0.5	0	0	8	02	2	0	2	2	0	0	0	22	0
	1730	2042	1450.3	793.8	-1.3	17.9	16.8	16.1	18.3	90	- 4	5.3	-0.8	1.5	0	0	21	01	0	0	7	10	3	0	0	9	0
MUKTESWAR(KUMAUN)	0830		3139.8	772.5	+1.0	16.2	13.4	11.1	13.2	75	-10	3.2	-1.2	9.0	0	2	23	01	2	5	0	0	2	10	5	5	0
	1730		3125.6	770.7	+1.0	18.0	15.9	14.7	16.7	82	- 7	3.9	-1.3	14.7	0	5	25	00	1	2	0	0	10	13	4	0	0
NAINITAL	0830	1953	1468.3	803.2	-0.1	18.4	14.8	12.8	14.8	72	- 7	2.7	-2.0	3.9	0	0	22	09	0	4	5	0	0	4	0	8	0
	1730	1953	1443.2	801.2	-0.1	18.6	15.6	14.1	16.1	76	- 7	2.0	-3.2	7.3	0	0	30	02	0	1	1	1	1	23	1	0	0
KALIMPONG	0830	1209	1478.7	877.1	+0.3	21.7	20.8	20.3	23.8	93	+ 4	5.7	+0.9	5.9	0	0	30	00	0	0	10	0	1	0	19	0	0
	1730	1209	1438.5	872.9	-1.3	22.5	21.3	20.7	24.4	90	- 1	6.6	+1.8	6.1	0	0	30	00	1	0	29	0	0	0	0	0	0
DARJEELING	0830	2128	1498.8	790.4	-0.7	17.4	16.4	15.9	18.1	91	+ 5	7.3	+0.8	0.3	0	0	1	00	0	0	0	0	1	0	0	29	0
	1730	2128	1481.1	788.6	-0.2	16.7	16.1	15.8	17.9	95	+ 2	7.4	+0.3	0.3	0	0	2	00	0	0	0	0	1	0	0	28	1
KOHIMA	0830	1406	(R)																								
	1730	1406	(R)																								
SHILLONG(C.S.O.)	0830	1598	1488.8	839.6	+1.7	20.5	18.3	17.2	19.6	82	+ 5	6.3	+0.4	2.6	0	0	24	01	1	3	1	2	4	5	7	6	0
	1730	1598	1461.7	836.9	+2.0	19.5	18.6	18.1	20.8	92	+ 5	6.4	-0.7	1.5	0	0	13	01	0	2	0	3	3	3	1	17	0
CHERRAPUNJI	0830	1313	1493.1	867.9	+0.4	20.2	19.5	19.1	22.1	92	+ 5	6.2	+0.6	6.9	0	0	30	00	10	0	1	0	19	0	0	8	0
	1730	1313	1484.4	867.2	+2.4	19.8	19.3	19.1	22.1	95	+ 4	6.0	+0.4	7.0	0	0	30	00	4	0	3	0	23	0	0	0	0
ABU	0830	1195	1520.1	882.6	+4.5	22.0	18.3	16.1	18.3	70	-13	1.1	-3.3	0.3	0	0	3	01	0	0	0	1	1	0	0	27	0
	1730	1195	1482.4	878.4	+2.1	24.9	19.7	16.7	19.0	62	-14	2.8	-2.1	0.1	0	0	1	00	0	0	0	0	1	0	0	28	0
AIJAL	0830		..	..	+4.1	22.4	21.0	20.2	23.7	90	+ 0	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	+..	22.7	21.8	21.3	25.3	93	- 1	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
PACHMARHI	0830	1075	1488.3	891.6	+0.9	22.8	20.1	18.7	21.6	79	- 7	4.3	-1.7	2.9	0	0	23	07	1	0	0	0	0	0	15	7	0
	1730	1075	1466.4	889.0	+0.9	24.9	20.9	18.8	21.8	71	-11	5.8	-0.4	3.1	0	0	25	01	3	0	0	0	0	4	17	5	0
MAHABALESHWAR	0830	1382	1501.2	862.1	+1.0	18.0	17.4	17.0	19.4	94	- 2	6.4	-0.7	9.4	0	0	30	00	8	0	1	0	6	0	15	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER, 1968 (BHADRA 10 - ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations													
			At mean sea level or Kt. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction										
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
STATIONS(EXCLUDING KASHMIR)																												
BALESHWAR	1730	1382	1486.9	860.7	+1.5	18.9	18.8	18.7	21.7	99	+ 1	7.8	+0.2	9.5	0	0	30	00	0	0	1	0	4	0	25	0	0
ARA	0830	1153	1503.4	885.8	+0.9	18.5	17.9	17.6	20.0	94	+ 0	4.8	-1.1	9.6	0	4	22	03	0	1	0	2	1	16	3	4	0
	1730	1153	1480.9	883.2	+0.3	20.0	19.1	18.8	21.6	91	+ 0	4.5	-1.4	10.1	0	4	23	00	0	0	0	1	0	17	7	3	2
MAMUND	0830	2249	1506.6	779.4	+0.6	13.5	12.3	11.6	13.6	88	+ 0	5.0	+0.0	2.5	0	0	17	00	0	0	0	0	1	15	1	13	0
	1730	2249	1474.5	776.9	-0.1	14.9	13.6	12.7	14.7	87	+ 2	6.0	-0.5	2.4	0	1	16	00	1	0	1	0	0	13	2	13	0
OOR	0830		..	..	..	19.4	15.7	13.4	15.5	69	- 1	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
IKANAL	0830	2343	3147.6	770.9	+0.2	14.2	12.5	11.1	13.4	82	+ 3	6.4	+1.4	7.1	0	0	26	02	0	0	3	2	0	5	14	4	0
	1130	2343	3155.3	770.9	..	16.9	14.3	12.6	14.7	77	..	6.7	..	8.2	0	0	28	03	2	0	3	2	1	3	14	2	0
	1730	2343	3126.2	769.0	+0.1	14.0	13.0	12.2	14.3	90	+ 0	7.4	+0.3	8.8	0	1	25	00	0	0	3	3	1	6	13	4	0
LI	0830		..	..	..	13.7	12.6	11.9	13.9	89	..	1.9	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	21.3	16.8	14.0	16.0	64	..	3.9	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
ANDU	0830	1324	1480.9	865.7	-1.0	21.3	19.8	19.1	22.1	87	+ 4	6.0	+0.0	0.3	0	0	4	00	0	0	0	4	0	0	0	26	0
	1130	1324	1476.6	865.1	..	25.0	21.1	19.1	22.3	71	..	5.7	..	0.9	0	0	13	07	0	1	0	3	1	1	0	17	0
M	1730	1324	1450.3	[illegible]	-1.3	23.4	20.9	19.6	22.8	79	- 3	5.6	-0.2	0.8	0	0	8	05	0	2	0	1	0	0	0	22	0
EN.	0830		(R)																								
ETEOROLOGICAL OBSERVATORIES																											
R CATCHMENT																											
IYA	0830		..	..	..	28.5	24.5	22.5	27.3	71	..	2.3	..	6.7	0	0	25	00	0	8	2	0	0	13	2	5	0
	1730		..	..	..	29.8	24.7	22.7	27.6	68	..	4.8	..	5.4	0	0	23	00	1	8	1	0	0	12	1	7	0
RIBAGH	0830	6154	1004.8	937.8	..	26.8	24.0	22.9	27.9	79	..	2.6	..	5.7	0	0	23	00	1	5	1	4	4	5	3	7	0
	1730	6154	1001.6	934.7	..	26.6	24.1	23.1	28.3	82	..	4.3	..	3.6	0	0	15	00	1	5	2	0	3	4	0	15	0
R	0830		(R)																								
	1730		(R)																								
RO	0830	2420	1003.9	977.1	..	28.5	25.4	24.1	30.1	77	..	1.6	..	3.3	0	0	17	00	2	3	2	1	3	4	2	6	0
	1730	2420	1000.1	973.5	..	29.7	26.0	24.4	30.5	74	..	2.7	..	3.3	0	0	19	00	1	3	3	0	5	4	3	3	0
HON	0830		..	..	..	31.2	25.9	23.4	28.8	65	..	3.1	..	3.2	0	0	30	01	1	0	14	7	6	0	1	0	0
	1730		..	..	..	31.5	26.2	23.9	29.7	65	..	3.9	..	3.2	0	0	30	00	3	0	15	7	2	0	3	0	0
ARH	0830		..	..	..	28.4	25.2	23.7	29.3	76	..	4.6	..	5.3	0	0	26	00	1	6	2	0	2	12	0	4	3
	1730		..	..	..	29.6	25.3	23.4	28.8	70	..	4.8	..	4.7	0	0	22	00	0	7	2	2	2	6	2	8	1
HET HILLS	0830		..	..	..	29.6	26.1	24.7	31.1	75	..	3.7	..	3.6	0	0	27	00	4	0	8	0	9	0	6	3	0
	1730		..	..	..	30.1	25.8	23.8	29.5	70	..	5.2	..	3.1	0	0	21	00	3	0	13	0	1	0	4	9	0
APUR	0830		..	..	..	29.7	26.2	24.8	31.3	75	..	3.6	..	10.9	0	3	24	01	1	0	7	11	2	4	1	3	0
	1730		..	..	..	29.7	26.2	24.8	31.3	75	..	5.1	..	12.4	0	5	23	02	1	0	5	16	1	2	1	2	0
DI CATCHMENT																											
BAHAR	0830		..	..	..	27.2	23.9	22.5	27.3	77	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
KUD	0830	159	1005.0	987.7	..	29.3	26.2	24.7	31.1	78	..	3.5	..	2.1	0	0	16	01	1	1	1	5	4	2	1	14	0
	1130	159	1004.7	987.1	..	31.5	26.9	24.9	31.5	68	..	4.0	..	2.2	0	0	16	01	2	1	0	0	5	6	1	14	0
	1730	159	1001.6	984.1	..	30.3	26.0	24.1	30.0	70	..	6.4	..	1.3	0	0	8	01	2	1	0	1	2	0	1	22	0
KUND	0830		(R)																								
	1730		(R)																								
PUR	0830		..	..	..	28.6	26.4	25.5	32.6	83	..	.	..	..	.	..	..	02	0	1	0	0	0	2	0	25	0
RAWAN	0830		..	..	..	26.6	24.3	23.2	28.6	82	..	5.5	..	6.9	0	0	28	01	2	2	3	3	6	8	3	2	0
	1730		..	..	..	28.5	24.9	23.2	28.6	73	..	6.2	..	6.0	0	2	28	04	2	2	6	4	5	1	6	0	0
A CATCHMENT																											
A TAMA	0830		..	..	..	26.2	23.6	22.3	26.9	79	..	4.0	..	11.7	0	0	29	00	0	1	2	6	13	7	0	1	0
	1730		..	..	..	29.3	24.5	22.1	26.7	68	..	5.4	..	9.3	0	2	24	02	1	1	3	9	6	2	2	4	0
SA	0830		..	..	..	26.6	25.0	24.3	30.4	88	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	31.9	26.2	23.7	29.3	63	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
RI	0830		..	..	..	28.2	24.1	21.9	26.6	69	..	4.9	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
ATI CATCHMENT																											
I	0830		..	..	..	28.0	24.2	22.3	26.9	71	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	33.7	25.7	22.0	26.4	51	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – SEPTEMBER, 1968 (BHADRA 10 – ASVINA 8, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 63 or more	28 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
GANDAK CATCHMENT																											
JAMOSOM	0830		..	..	..	15.6	13.0	11.4	13.6	77	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	17.7	13.5	11.0	13.2	67	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
KHUDI BAZAR	0830		..	..	..	23.1	21.1	20.1	23.5	83	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	25.0	22.8	21.8	26.2	83	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TIMURE	0830		..	..	..	18.3	16.9	16.1	18.4	87	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	20.5	18.2	17.0	19.1	81	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
POKHARA	0830		..	..	..	23.8	21.8	20.9	24.7	84	..	5.6	..	3.0	0	0	25	00	2	4	9	4	3	2	1	5	0
	1130		..	..	..	26.8	23.3	21.8	26.1	75	..	4.9	..	3.7	0	0	28	00	0	1	14	5	7	1	0	2	0
	1730		..	..	..	25.6	23.0	21.9	26.3	80	..	5.5	..	4.3	0	0	24	05	1	6	6	2	1	0	3	6	0
GORKHA	0830		..	..	..	22.1	21.1	20.6	24.3	91	..	7.0	..	..	.	..	..	02	0	0	8	9	1	1	3	6	0
	1130		..	..	..	24.5	22.2	21.2	25.1	83	..	6.3	..	..	.	..	..	01	0	0	8	13	1	1	3	3	0
	1730		..	..	..	24.2	21.7	20.5	24.2	80	..	5.2	..	..	.	..	..	02	0	1	4	4	3	2	2	12	0
NUWAKOT	0830		..	..	..	23.6	21.9	21.1	25.0	86	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	25.0	21.9	20.4	24.0	76	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)																											
DAILEKH	0830		..	..	..	21.7	20.3	19.5	22.7	88	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	22.9	21.3	20.5	24.2	87	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GHAGHARA CATCHMENT																											
SALLYANA	0830		..	..	..	21.6	19.8	18.9	21.8	85	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	21.5	19.7	18.7	21.6	84	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BUTWAL	0830		..	..	..	27.7	24.9	23.6	29.2	79	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	29.9	26.4	24.9	31.6	75	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BAGHMATI CATCHMENT																											
KATMANDU	SEE UNDER NEPAL																										
KOSI CATCHMENT																											
CHAUTARA	0830		..	..	..	20.7	19.6	19.1	22.2	91	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	21.9	20.0	19.1	22.3	85	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
WALUNGCHUNG GOLA	0830		..	..	..	12.3	11.1	10.4	12.6	89	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	11.1	10.6	10.3	12.5	95	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TAPLETHOK	0830		..	..	..	21.3	19.7	18.9	21.9	86	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	21.1	19.4	18.6	21.4	86	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BHOJPUR	0830		..	..	..	19.7	18.8	18.3	21.1	92	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	19.5	19.0	18.7	21.6	95	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TAPLEJUNG	0830		..	..	..	18.5	17.8	17.4	19.9	93	..	7.2	..	0.9	0	0	11	01	0	0	0	0	1	3	5	19	1
	1130		..	..	..	21.1	19.1	18.2	20.9	84	..	6.7	..	4.8	0	0	27	03	2	1	3	1	5	1	11	3	0
	1730		..	..	..	19.9	18.3	17.5	20.1	86	..	7.3	..	4.5	0	2	12	01	0	0	5	3	1	1	3	16	0
OKHALDHUNGA	0830		..	..	..	18.5	17.8	17.4	19.9	93	..	7.0	..	0.6	0	0	3	00	0	0	0	1	0	2	0	27	0
	1130		..	..	..	21.0	19.3	18.5	21.3	86	..	6.6	..	0.3	0	0	1	00	0	0	0	0	0	1	0	29	0
	1730		..	..	..	18.8	18.0	17.6	20.1	93	..	7.1	..	2.9	0	0	15	00	1	0	0	0	6	8	0	15	0
CHAINPUR	0830		..	..	..	21.1	20.0	19.8	23.1	92	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	22.0	20.6	19.9	23.3	88	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BARAHAKSHETRA	0830	146	1006.7	990.2	..	26.5	25.0	24.3	30.4	88	..	5.6	..	1.5	0	0	20	01	2	2	1	1	6	3	4	10	0
	1130	146	1005.6	989.5	..	29.3	26.4	25.1	31.9	76	..	5.7	..	4.1	0	0	27	00	0	2	0	0	13	12	0	3	0
	1730	146	1002.8	986.8	..	27.4	25.4	25.0	31.8	87	..	6.2	..	1.2	0	0	13	00	1	0	2	1	5	2	2	17	0
TISTA CATCHMENT																											
GANGTOK	0830	1756	1483.1	818.3	..	18.0	17.3	16.9	19.3	94	..	7.3	..	1.9	0	0	12	04	3	1	0	2	1	0	1	18	0
	1130	1756	1481.3	818.3	..	20.3	18.8	18.1	20.8	87	..	7.0	..	4.3	0	0	22	00	1	0	0	7	12	1	1	8	0
	1730	1756	1460.3	816.3	..	19.3	18.0	17.4	19.9	89	..	7.6	..	2.7	0	0	15	00	2	1	6	6	0	0	0	15	0
GEZING	0830		(R)																								
	1730		(R)																								

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भारत सरकार

GOVERNMENT OF INDIA

मौसम विज्ञान विभाग

METEOROLOGICAL DEPARTMENT

भारतीय मौसम पुनरीक्षण

INDIA WEATHER REVIEW

1968

मासिक मौसम रिपोर्ट

MONTHLY WEATHER REPORT

अक्तूबर

OCTOBER

भारत सरकार के प्राधिकार द्वारा वेधशालाओं के महानिदेशक के निदेशाधीन प्रकाशित
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INDIA WEATHER REVIEW, 1968

Monthly Weather Report

OCTOBER

central parts of the country and the north Peninsula and remained confined to the south Peninsula after 15th.

A western disturbance appeared over Afghanistan on 13th. Moving eastwards it lay over Rajasthan and adjoining Haryana on 15th. Continuing its eastward movement slowly, it weakened over Uttar Pradesh by 22nd. Under its influence, there was good precipitation over the Western Himalayas and the adjoining plains, Uttar Pradesh and Madhya Pradesh also received light thundershowers. Another Western Disturbance moving across the extreme northern parts of the country caused scattered precipitation over Jammu and Kashmir at the end of the month.

A low pressure area from the east moved into the Andaman Sea on 17th. Moving slowly westwards, it became a depression by the morning of 21st with centre near Lat. 11°N and Long. 88°E. Continuing to move westwards it intensified into a cyclonic storm by 23rd morning with centre near Lat. 11.0°N and Long. 83.5°E. Now moving northwards it further intensified into a severe cyclonic storm with a core of hurricane winds by the same evening. The centre was near Lat. 14.5°N and Long. 83.0°E on the morning of 25th. Thereafter the severe storm changed to a northnortheastward course and crossed the Orissa Coast near Puri on the forenoon of 28th. It rapidly weakened into a trough of low pressure by the next day over north Orissa and adjoining Gangetic West Bengal and persisted there till the end of the month. Under its influence, very heavy rains occurred in coastal Orissa and adjoining coastal Andhra Pradesh from 26th to 28th. Gopalpur recorded 32 cm of rain on 27th, 21 cm on 28th and 12 cm on 29th, Puri 20 cm on 27th and 21 cm on 28th, Kalingapatnam 18 cm on 27th, Bhubaneshwar 8 cm on 27th and 22 cm on 28th and Cuttack 17 cm on 28th. The cyclonic storm left a trial of devastation in the coastal districts of Ganjam, Puri and Cuttack. The flood waters from the Chilka Lake affected a number of villages on its banks and inundated vast areas of paddy fields. A number of persons lost their lives besides thousands of heads of cattle. Road and rail communications were completely disrupted due to breaches. The raintall belt then shifted to the other parts of northeast India where earlier isolated showers had occurred in association with an upper air cyclonic circulation over the northeast Bay of Bengal and adjoining land areas.

Night temperatures were above normal over the country outside northeast India and the Peninsula during the first week. They fell below normal over most parts of North and Central India during the second week and remained below normal during the last week also. Night temperatures over northeast India and the north Peninsula were mostly below normal during the second fortnight.

Day temperatures were generally above normal over northwest India and Gujarat State during the first fortnight, over the central parts of the country during the first and third week and over the south Peninsula during the last ten days of the month. They were below normal over the north Peninsula during the second week and over northwest India during the third week.

The total rainfall for the month was in large excess in Sub-Himalayan West Bengal, Orissa & Bihar Plains; in moderate excess in Jammu and Kashmir, Telangana and Coastal Mysore; in slight excess in Rayalaseema. It was normal in Bay Islands, Gangetic West Bengal, Bihar Plateau, Madhya Maharashtra and North Interior Mysore. It was in slight defect in Konkan and Coastal Andhra Pradesh; in large defect in East Uttar Pradesh, Haryana, Rajasthan, West Madhya Pradesh, Gujarat, Saurashtra - Kutch, Vidarbha & Arabian Sea Islands. It was in moderate defect over the rest of the country.

The mean maximum temperature was above normal in Rajasthan, Gujarat, Saurashtra - Kutch, Konkan and Kerala; below normal in Jammu and Kashmir. It was normal over the rest of the country.

The mean minimum temperature was below normal in North Assam, Sub-Himalayan West Bengal, Orissa, Bihar, Uttar Pradesh, Punjab, Himachal Pradesh, Jammu and Kashmir, Madhya Maharashtra, Marathwada and Vidarbha. It was normal over the rest of the country.

The mean Relative Humidity in the morning was below normal in Rajasthan, Gujarat, Marathwada and Vidarbha. It was normal over the rest of the country.

The mean Relative Humidity in the evening was above normal in Jammu and Kashmir; below normal in Himachal Pradesh, East Rajasthan, Gujarat, Marathwada, Vidarbha, Coastal and Interior Mysore. It was normal over the rest of the country.

The mean cloud amount in the morning was above normal in Haryana, Punjab and Jammu and Kashmir; below normal in North Assam, Sub-Himalayan West Bengal, Himachal Pradesh, Rajasthan, Madhya Pradesh, Gujarat, Saurashtra - Kutch, Konkan, Madhya Maharashtra, Marathwada and Vidarbha. It was normal over the rest of the country.

The mean cloud amount in the evening was above normal in Jammu and Kashmir; below normal in North Assam, Bihar Plateau, Uttar Pradesh, Haryana, Himachal Pradesh, West Madhya Pradesh, Gujarat, Saurashtra - Kutch and Vidarbha. It was normal over the rest of the country.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 17 chief political divisions and the 33 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. IST of the date noted in the succeeding column; similarly the heaviest rainfall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. IST of the date given in the succeeding column.

Pune-5;

19 February 1969.

Y. P. RAO

for Director General of Observatories

TABLE I - DIVISIONAL AND SUB-DIVISIONAL MEANS - [illegible]BER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

DIVISION	Rainfall (millimetres)	Percentage of normal	Mean maximum temperature °C	Mean minimum temperature °C	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud Amount (Oktas) 0830 hrs. IST.	Cloud Amount (Oktas) 1730 hrs. IST.
1	2	3	4	5	6	7	8	9
1.ASSAM(INCLUDING	106.0	66	30.1	20.4	81	80	3.8	3.2
NEFA,N.L.ETC)	- 55.8		+0.1	-0.9	- 1	- 1	-0.8	-0.7
2.WEST BENGAL	187.2	136	31.1	21.8	75	75	3.1	3.5
	+ 50.0		-0.2	-1.3	- 2	- 1	-0.4	-0.3
3.ORISSA	260.9	178	30.6	21.8	81	76	4.0	4.3
	+114.5		-0.2	-1.1	+ 2	+ 3	0.0	-0.4
4.BIHAR	105.4	145	30.9	19.9	76	68	2.6	2.6
	+ 32.8		-0.1	-1.6	+ 1	0	-0.4	-0.5
5.UTTAR PRADESH	29.6	48	32.0	17.9	68	54	1.3	1.3
	- 32.6		+0.3	-1.4	- 4	- 4	-0.3	-0.4
6.HARYANA(INCLU.	15.3	34	32.1	16.6	63	40	1.1	0.6
DELHI CHANDIGARH)	- 29.1		-0.4	-0.3	- 3	- 4	+0.3	-0.2
7.PUNJAB	22.1	62	32.3	15.6	67	45	1.2	1.0
	- 13.6		-0.4	-1.5	+ 1	- 1	+0.3	+0.1
8.HIMACHAL	46.6	58	29.1	13.0	84	52	1.6	1.1
PRADESH	- 34.1		+0.2	-1.2	- 3	- 6	-1.5	-1.0
9.JAMMU AND	21.6	140	21.1	6.1	66	54	2.6	4.1
KASHMIR	+ 6.2		-1.6	-2.0	+ 5	+14	+0.9	+1.5
10.RAJASTHAN	6.3	32	35.5	18.2	52	30	0.5	1.4
	- 13.6		+1.8	-0.5	- 8	- 9	-0.6	-0.1
11.MADHYA PRADESH	29.4	61	31.9	18.1	66	47	1.9	2.4
	-18.8		+0.6	-0.6	- 3	- 5	-0.6	-0.7
12.GUJARAT STATE	7.8	25	35.5	21.7	64	40	1.0	1.4
(INCLU.DIU ETC)	- 23.8		+1.3	+0.3	- 6	- 6	-0.8	-0.7
13.MAHARASHTRA	56.3	74	32.3	20.0	68	51	2.5	3.2
STATE(INCL.GOA)	- 20.2		+0.8	-1.2	- 5	- 6	-1.0	-0.8
14.ANDHRA PRADESH	140.5	99	31.4	22.5	77	66	4.4	5.1
	- 1.4		0.0	-0.5	- 1	0	-0.2	-0.2
15.MADRAS STATE	104.9	55	32.4	23.7	78	68	5.4	6.0
(INCL.PONDICH.)	- 87.5		+0.6	-0.2	0	- 2	+0.2	+0.3
16.MYSORE	132.1	95	29.5	20.3	77	59	4.8	5.2
	- 7.2		-0.1	-0.4	- 3	- 4	-0.2	-0.4
17.KERALA	201.9	70	31.2	23.7	84	75	5.2	6.2
	- 86.8		+1.1	+0.2	- 1	- 4	-0.5	-0.2

SUB-DIVISION	Rainfall (millimetres)	Percentage of normal	Mean maximum temperature °C	Mean minimum temperature °C	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud Amount (Oktas) 0830 hrs. IST.	Cloud Amount (Oktas) 1730 hrs. IST.
SUB-DIVISION								
1.BAY ISLANDS	298.5	90	30.0	23.1	83	88	5.3	5.3
	- 33.0		+0.7	-0.7	0	0	-0.7	-0.4
2.NORTH ASSAM	101.4	72	30.4	20.3	81	81	3.4	2.6
(INCLUDING NEFA)	- 40.4		+0.3	-1.3	- 1	0	-1.2	-1.2
3.SOUTH ASSAM	116.9	56	29.5	20.5	81	79	4.5	4.3
(INCL.N.LAND ETC)	- 93.5		-0.2	-0.3	- 2	- 2	-0.1	+0.2
4.SUB-HIMALAYAN	443.6	281	30.6	19.6	75	77	2.8	3.0
WEST BENGAL	+285.7		-0.2	-2.2	- 2	- 2	-0.7	-0.2
5.GANGETIC WEST-	123.1	93	31.2	22.5	75	74	3.2	3.7
BENGAL	- 8.9		-0.2	-0.9	- 2	- 1	-0.2	-0.2
6.ORISSA	260.9	178	30.6	21.8	81	76	4.0	4.3
	+114.5		-0.2	-1.1	+ 2	+ 3	0.0	-0.4
7.BIHAR PLATEAU	78.2	92	30.7	19.5	73	63	2.8	3.1
	- 6.5		+0.4	-1.4	- 1	- 4	-0.6	-0.8
8.BIHAR PLAINS	123.5	191	31.1	20.3	78	71	2.4	2.3
	+ 58.9		-0.5	-1.7	+ 3	+ 2	-0.3	-0.3
9.UTTAR PRADESH	32.8	46	32.4	19.1	71	58	1.5	1.4
(EAST)	- 39.2		+0.2	-1.3	- 3	- 4	-0.3	-0.5
10.UTTAR PRADESH	25.2	52	31.4	16.2	64	47	1.1	1.1
(WEST)	- 23.0		+0.5	-1.6	- 4	- 4	-0.2	-0.3
11.HARYANA(INCLU.	15.3	34	32.1	16.6	63	40	1.1	0.6
DELHI CHANDIGARH)	- 29.1		-0.4	-0.3	- 3	- 4	+0.3	-0.2
12.PUNJAB	22.1	62	32.3	15.6	67	45	1.2	1.0
	- 13.6		-0.4	-1.5	+ 1	- 1	+0.3	+0.1
13.HIMACHAL	46.6	58	29.1	13.0	84	52	1.6	1.1
PRADESH	- 34.1		+0.2	-1.2	- 3	- 6	-1.5	-1.0
14.JAMMU AND KASH-	21.6	140	21.1	6.1	66	54	2.6	4.1
-MIR	+ 6.2		-1.6	-2.0	+ 5	+14	+0.9	+1.5
15.RAJASTHAN(WEST)	2.2	28	36.5	18.9	49	31	0.3	1.1
	- 5.7		+1.8	-0.1	- 7	- 2	-0.5	-0.1
16.RAJASTHAN(EAST)	9.7	33	34.9	17.7	53	30	0.7	1.6
	- 20.1		+1.8	-0.8	-10	-13	-0.6	-0.1
17.MADHYA PRADESH	18.3	47	32.6	17.4	63	41	1.5	2.1
(WEST)	- 20.3		+0.9	-0.8	- 2	- 4	-0.6	-0.7
SUB-DIVISION(CONTD)								
18.MADHYA PRADESH	44.3	73	31.1	18.9	71	55	2.4	2.9
(EAST)	- 16.7		+0.5	-0.6	- 4	- 5	-0.6	-0.6
19.GUJARAT REGION	5.9	19	36.4	21.2	59	31	1.0	1.3
(INCL.DAMAN ETC)	- 25.9		+1.5	+0.6	- 8	-11	-0.8	-0.6
20.SAURASHTRAKUTCH	9.1	29	34.9	22.0	68	45	0.9	1.5
(INCLUDING DIU)	- 22.3		+1.2	0.0	- 4	- 5	-0.9	-0.7
21.KONKAN	83.9	82	32.3	22.9	75	70	3.1	3.4
(INCLUDING GOA)	- 18.1		+1.3	-0.9	- 5	- 5	-0.9	-0.7
22.MADHYA-	70.8	90	32.3	18.6	67	45	2.4	3.4
-MAHARASHTRA	- 7.7		+0.4	-1.3	- 4	- 4	-0.8	-0.6
23.MARATHWADA	33.6	65	32.1	17.3	57	37	2.3	3.5
	- 17.8		+0.5	-1.7	- 7	-10	-0.7	-0.5
24.VIDARBHA	21.9	38	32.2	19.4	65	45	2.1	2.8
	- 35.5		+0.6	-1.4	- 7	- 9	-1.3	-1.0
25.COASTAL ANDHRA	169.8	84	31.4	24.0	80	72	4.8	5.3
-PRADESH	- 31.8		0.0	-0.3	0	- 1	0.0	-0.2
26.TELANGANA	111.4	133	31.4	21.1	76	61	3.8	4.6
	+ 27.6		-0.2	-0.7	0	+ 1	-0.3	-0.3
27.RAYALASEEMA	125.4	115	31.3	21.5	74	60	4.6	5.7
	+ 16.0		+0.1	-0.7	- 1	0	-0.4	-0.1
28.MADRAS STATE	104.9	55	32.4	23.7	78	68	5.4	6.0
(INCL.PONDICH.)	- 87.5		+0.6	-0.2	0	- 2	+0.2	+0.3
29.COASTAL MYSORE	234.5	133	30.8	22.9	82	74	4.7	4.9
	+ 57.9		+0.8	-0.5	- 5	- 6	-0.8	-1.0
30.INTERIOR MYSORE	95.0	96	30.0	20.3	73	54	4.8	5.3
(NORTH)	- 3.8		-0.5	-0.1	- 1	- 2	+0.6	+0.3
31.INTERIOR MYSORE	113.4	73	28.3	18.9	79	56	4.9	5.2
(SOUTH)	- 42.8		-0.1	-0.7	- 3	- 6	-0.7	-0.7
32.KERALA	201.9	70	31.2	23.7	84	75	5.2	6.2
	- 86.8		+1.1	+0.2	- 1	- 4	-0.5	-0.2
33.ARABIAN SEA-	56.9	36	30.4	24.5	78	74	4.9	5.9
ISLANDS	-103.2		+0.4	-0.4	- 2	- 4	-0.3	+0.3

Note :- The entries in the second line for each division and sub-division indicate departures from normal.

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
AY ISLANDS																												
MAYA BANDAR	29.9	+1.0	32.1	03	23.6	-0.4	21.7	26	143.2	298.4	- 15.2	66.8	01	18	+ 1.1	8.1	6.8	-0.5	0	23	0	0	10	0	0	0	0	
LONG ISLAND	30.4	+0.3	31.7	05	23.3	-0.6	22.0	30	162.4	290.8	- 42.1	60.0	31	13	- 2.9	5.0	3.0	+1.3	0	16	0	0	0	0	0	0	0	
PORT BLAIR	30.5	+1.5	32.0	18	23.5	-0.1	21.7	01	131.0	228.7	- 87.8	36.2	01	14	- 1.5	10.0	7.4	-3.3	1	18	0	0	6	3	0	0	0	
CAR NICOBAR	30.1	+0.5	31.0	10	21.9	-1.4	20.2	08	161.2	267.0	- 56.2	50.2	05	15	- 0.6	4.3	2.3	-0.6	0	16	0	0	0	0	0	0	0	
NAN COWRY	30.4	+0.7	33.0	26	23.7	-0.5	22.0	07	194.1	380.4	+ 49.5	96.6	22	16	- 0.9	3.7	2.5	-3.1	0	17	0	0	3	0	0	0	0	
KONDUL	28.9	+0.4	30.3	03	22.3	-1.7	20.9	05	149.6	325.4	- 46.3	54.4	22	16	- 1.6	2.9	1.5	-2.0	0	16	0	0	1	0	0	0	0	
RTH ASSAM(INCLUDING NEFA)																												
PASIGHAT	29.8	+0.8	31.9	24	20.4	-0.5	17.8	29	5.4	25.3	-217.6	8.2	04	3	- 5.6	6.0	9.3	+0.7	1	8	0	0	1	0	0	0	0	
DIBRUGARH(MOHANBARI)	29.8	+1.0	31.7	24	..	..	..	..	16.6	86.8	-127.3	30.7	08	6	- 4.2	3.9	2.6	-0.1	0	7	0	0	5	0	0	0	0	
DIGBOI	29.1	0.0	32.0	01	20.0	-1.0	16.0	21	9.7	27.9	-134.4	7.8	06	6	- 6.0	..	..	..	0	6	0	0	0	0	0	0	0	
NORTH LAKHIMPUR	30.5	+1.2	32.3	25	18.7	-1.9	14.5	21	2.9	63.5	-165.2	32.0	09	5	- 5.9	4.0	2.1	..	0	9	0	0	3	0	0	0	0	
SIBSAGAR	..	..	..	..	..	..	..	..	4.5	32.4	- 96.4	12.8	02	5	- 3.2	..	..	..	0	9	..	..	..	..	..	.	..	
GOHPUR	30.4	-0.5	32.8	02	19.4	-1.5	14.8	20	26.0	54.8	- 70.4	13.4	09	7	+ 3.0	1.9	1.9	..	0	7	0	0	0	0	0	0	0	
MAJBAT	31.1	..	33.5	27	19.1	..	15.4	29	0.0	65.7	- 51.7	26.2	04	4	- 2.8	2.3	1.9	-1.2	0	4	0	0	0	0	0	0	0	
JORHAT AERODROME	30.5	..	32.2	07	20.9	..	17.9	23	32.5	151.8	..	65.0	02	9	..	..	..	..	0	10	0	0	6	10	0	0	0	
TANGLA	31.5	+0.9	33.6	14	19.9	-1.0	11.3	21	12.6	67.0	- 15.4	28.2	05	3	- 1.2	2.7	1.7	+0.2	0	4	0	0	0	0	0	0	0	
TEZPUR	31.2	+1.0	33.9	07	20.4	-1.4	17.6	21	3.6	29.2	- 79.3	9.3	04	3	- 3.4	3.6	3.3	+1.4	1	5	0	0	0	0	0	0	0	
GOLAGHAT	30.0	0.0	33.1	02	20.4	-1.5	16.6	22	22.0	58.2	- 56.2	18.2	07	6	- 1.1	3.1	1.8	..	1	10	0	0	0	0	0	0	0	
RANGIA	30.7	-0.5	33.2	01	20.1	-1.2	17.9	21	20.5	98.5	- 0.7	27.3	04	7	+ 1.5	..	..	..	0	8	0	0	1	0	0	0	0	
CHAPARMUKH	30.5	-0.8	33.1	15	22.3	-0.5	18.5	18	114.8	147.6	+ 64.4	75.4	06	6	- 1.1	2.3	2.4	..	0	6	0	0	3	0	0	0	0	
GOALPARA	32.8	+1.4	35.1	26	20.3	-1.6	15.4	14	47.9	205.0	+ 51.9	104.5	04	6	+ 0.8	3.8	2.7	+0.4	0	7	0	0	0	0	0	0	0	
GAUHATI(BORJOR)	29.8	-0.3	32.2	02	20.9	-1.2	18.8	31	34.5	74.5	- 4.6	42.3	04	4	- 1.8	5.3	3.1	..	0	8	0	0	3	2	0	0	0	
DHUBRI(RUPSI)	29.9	-0.4	33.1	01	19.6	-1.6	17.1	22	42.6	293.1	+ 74.6	113.2	05	5	- 0.8	7.6	5.7	+2.4	0	6	0	0	4	4	0	0	0	
DHUBRI	29.0	-0.1	31.2	01	21.5	-1.5	20.0	23	52.2	345.3	+198.5	161.2	05	6	+ 0.6	10.4	7.8	+2.8	0	7	0	0	5	0	0	0	0	
LUMDING	31.1	+0.9	34.0	02	20.2	-1.1	16.3	18	3.3	49.8	- 55.6	23.9	03	3	- 3.2	2.9	2.1	..	0	6	0	0	0	21	0	0	0	
UTH ASSAM(INCLUDING NAGALAND, NIPUR AND TRIPURA)																												
TURA	27.6	-1.3	29.4	24	20.4	+0.1	18.6	17	58.6	243.3	- 5.7	64.3	09	5	- 5.1	3.6	4.7	+0.1	0	9	0	0	0	0	0	0	0	
HAFLONG	25.0	-1.9	27.1	05	19.3	+0.1	16.5	31	1.2	107.4	-136.0	75.0	03	5	- 4.0	..	..	..	0	7	0	0	2	0	0	0	0	
SILCHAR(KUMBHIRGRAM)	31.8	+0.4	34.7	02	21.5	-0.3	18.8	18	9.9	90.8	-134.3	26.6	29	8	- 2.2	5.7	5.3	0.0	0	13	0	0	6	1	0	0	0	
SILCHAR	30.9	-0.2	31.6	02	22.8	+0.1	19.8	29	48.8	148.8	- 48.8	67.8	29	7	- 1.6	1.4	0.9	-0.9	0	11	0	0	7	0	0	0	0	
IMPHAL(TULIHAL)	28.4	+0.8	30.4	02	15.5	-1.8	11.1	17	44.2	87.5	- 29.0	64.2	04	3	- 4.7	7.1	4.1	+0.2	0	7	0	0	2	2	0	0	0	
KAILASHAHAR	31.7	+0.6	34.4	02	21.8	-0.5	19.0	19	47.8	78.6	-186.5	40.8	09	3	- 7.0	4.6	2.8	+0.6	0	7	0	0	7	9	0	0	0	
AGARTALA	31.4	+0.5	33.4	02	21.9	-0.3	18.9	18	58.4	61.9	-114.5	25.0	29	5	- 3.0	7.0	4.5	-0.4	0	8	0	0	9	4	0	0	1	
B-HIMALAYAN WEST BENGAL																												
BAGHDOGRA	31.0	+0.5	35.0	25	17.1	-3.4	13.8	23	100.6	687.7	+526.2	345.2	05	6	- 0.7	9.3	7.1	+3.6	0	7	0	0	9	0	0	0	0	
JALPAIGURI	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	
COOCH BEHAR AERODROME	30.2	-0.8	33.1	01	19.0	-3.1	16.1	23	44.8	509.2	+317.9	287.0	05	4	- 2.1	5.4	3.3	+0.2	0	4	0	0	5	3	0	0	0	
BALURGHAT	31.6	..	34.0	07	22.3	..	19.5	21	7.0	117.0	..	..	..	..	..	3.8	3.6	..	.	..	0	0	0	0	0	0	0	
MALDA	30.7	-0.2	32.9	01	22.7	-0.1	20.2	17	71.8	133.8	+ 12.9	59.2	05	5	+ 0.5	2.6	1.8	-2.9	0	7	0	0	8	0	0	0	0	
NGETIC WEST BENGAL																												
BERHAMPORE	31.9	-0.3	34.4	02	22.4	-0.9	20.1	17	63.2	155.3	+ 44.6	90.4	05	4	- 0.8	2.9	2.0	0.0	0	6	0	0	2	0	0	0	0	
SURI	30.8	-0.1	34.1	01	21.8	-0.8	18.3	16	..	108.6	- 43.2	57.4	04	3	- 4.0	.	4.0	-1.5	0	3	0	0	2	0	0	0	0	
ASANSOL	32.1	+0.7	34.0	01	20.7	-1.5	17.0	16	34.6	88.1	- 20.9	30.9	05	4	- 1.3	6.3	3.7	-1.1	0	4	0	0	5	0	0	0	0	
SHANTI NIKETAN	30.7	..	33.4	02	22.1	..	18.6	16	54.8	97.3	..	25.5	04	5	..	2.8	2.5	..	0	6	0	0	6	2	0	0	0	
KRISHNANAGAR	32.1	-0.5	35.3	01	21.6	-1.4	18.5	17	76.0	178.4	+ 55.7	113.4	03	4	- 1.5	3.1	3.0	0.0	0	8	0	0	4	0	0	0	0	
PURULIA	30.9	0.0	33.4	01	21.0	-1.2	18.0	22	46.4	73.8	- 0.1	31.0	03	4	- 0.4	5.6	3.7	0.0	0	4	0	0	2	1	0	0	0	
BANKURA	32.1	..	34.6	01	21.5	..	18.6	17	18.4	98.2	+ 9.8	35.4	04	5	+ 0.3	2.0	1.9	..	0	7	0	0	0	0	0	0	0	
BURDWAN	31.9	+0.5	34.9	05	23.4	-0.3	20.8	17	53.9	111.9	+ 17.4	68.7	03	3	- 1.8	6.6	4.7	+0.7	0	3	0	0	0	0	0	0	0	
CALCUTTA (DUM DUM)	30.9	-0.5	34.2	01	23.0	-0.6	19.8	17	55.2	117.5	- 21.4	67.4	03	7	+ 0.1	6.8	3.5	-1.5	1	8	0	0	8	1	0	0	0	
CALCUTTA	31.8	0.0	34.4	01	22.7	-1.2	19.9	17	68.9	122.3	- 5.0	49.4	03	8	+ 1.3	6.8	4.5	+1.4	1	9	0	0	10	0	0	0	1	
MIDNAPORE	30.3	-1.1	33.5	01	22.5	-0.5	19.0	16	43.9	128.2	+ 13.9	39.6	03	6	+ 0.2	4.5	3.5	+0.2	0	8	0	0	0	0	0	0	0	
CONTAI	30.7	-0.4	33.2	01	23.5	-1.2	21.7	17	46.2	162.0	- 76.8	66.8	03	7	- 1.7	6.6	5.2	+0.6	0	10	0	0	0	0	0	0	0	
SAGAR ISLAND	29.8	-0.2	32.0	01	24.4	-0.7	21.5	20	68.9	133.3	- 80.6	40.9	02	9	+ 1.1	15.0	13.4	+1.5	0	13	0	0	4	2	0	0	0	
SANDHEADS	31.0	..	34.1	19	25.8	..	22.0	29	50.4	107.8	- 24.3	24.2	30	10	+ 3.9	..	..	..	0	13	0	0	1	0	0	0	0	
ISSA																												
BARIPADA	31.5	-1.1	34.4	01	21.4	-0.9	..	..	102.4	240.6	+ 62.2	85.4	03	7	- 2.0	2.2	1.3	-0.4	1	9	0	0	9	0	0	0	0	
JHARSUGUDA	31.7	+0.6	34.3	01	21.3	-0.5	17.4	25	18.8	60.2	- 19.9	48.9	04	3	- 2.4	8.6	7.1	+1.0	0	5	0	0	2	1	0	0	0	
KEONJHARGARH	29.1	+0.3	31.4	08	20.5	-1.0	15.7	16	28.2	79.4	- 25.1	23.8	03	6	- 1.0	4.8	4.1	+0.1	0	7	0	0	0	0	0	0	0	
BALASORE	30.5	-0.3	32.9	01	22.1	-1.3	19.0	17	175.2	341.4	+156.2	69.4	11	11	+ 4.2	7.5	5.5	+1.1	0	12	0	0	1	0	0	0	0	
SAMBALPUR	31.7	+0.2	33.2	02	21.7	-0.3	18.3	28	16.2	44.2	- 13.7	35.0	02	2	- 1.6	13.3	10.7	+6.9	0	4	0	0	0	0	0	0	0	

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena- No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
ORISSA (CONTD.)																												
ANGUL	30.7	-0.3	32.6	06	21.5	-1.0	18.7	22	22.6	126.1	+ 22.2	41.4	03	7	+ 1.0	..	..	..	0	8	0	0	0	0	0	0	0	0
CHANDBALI	30.4	-0.4	31.9	01	22.8	-0.8	20.5	17	64.0	235.0	+ 24.4	67.8	27	8	- 0.6	7.6	6.6	+0.5	0	13	0	0	0	0	0	0	0	0
BOLANGIR	31.1	+0.1	33.6	19	21.2	-0.9	18.0	25	40.2	82.8	- 17.9	40.8	02	5	- 1.0	4.4	6.2	+0.9	0	6	0	0	1	0	0	0	0	0
PHULBANI	29.6	..	32.0	20	19.5	..	14.7	24	63.2	137.5	..	42.2	09	8	..	3.9	2.2	..	0	11	0	0	1	2	0	0	0	0
CUTTACK	31.5	-0.5	33.9	01	22.6	-1.1	20.1	28	147.2	336.0	+194.3	114.5	28	9	+ 2.2	6.6	5.0	+0.7	1	10	0	0	3	0	0	0	0	0
TITLAGARH	31.8	+0.4	35.3	01	21.7	-0.6	18.3	25	70.7	132.8	+ 51.1	57.0	04	6	+ 0.7	4.9	4.9	+2.3	0	6	0	0	4	0	0	0	0	0
BHUBANESWAR	30.5	-0.4	32.7	01	22.2	-0.9	19.9	17	309.6	533.0	+267.2	223.1	28	10	+ 0.3	14.7	12.4	+3.9	2	10	0	0	7	1	0	0	0	0
PURI	31.1	-0.1	32.6	20	21.3	-3.7	16.3	04	148.3	425.6	+232.8	195.6	27	11	+ 3.4	..	..	..	0	13	0	0	0	0	0	0	0	0
GOPALPUR	30.5	-0.6	32.5	16	23.0	-0.9	20.4	28	249.5	698.2	+477.7	321.2	27	10	+ 3.0	17.5	14.1	+3.6	0	12	0	0	3	1	0	0	0	0
KORAPUT	26.0	-0.8	28.3	09	..	..	..	..	206.1	317.2	+191.8	181.6	03	6	- 2.0	..	..	..	0	6	0	0	0	0	0	0	0	0
BIHAR PLATEAU																												
DUMKA	31.3	-0.2	33.5	01	20.4	-1.2	17.4	22	104.0	203.5	+ 99.9	61.8	06	5	+ 0.2	7.5	5.0	+1.9	0	6	0	0	2	0	0	0	0	0
DALTONGANJ	32.8	+1.6	35.1	01	18.4	-1.8	13.3	26	0.6	19.2	- 34.1	14.4	04	2	- 1.4	6.9	5.3	+1.9	0	3	0	0	0	0	0	0	0	0
HAZARIBAGH	28.3	-0.2	32.0	01	17.2	-1.5	13.1	16	63.9	87.5	+ 8.0	30.9	03	4	- 0.9	9.0	7.0	+0.7	0	4	0	0	3	1	0	0	0	0
DHANBAD	30.9	+0.3	35.4	01	20.7	-1.0	18.0	23	33.0	68.2	- 9.1	33.6	04	3	- 1.8	4.8	3.6	-2.6	0	4	0	0	1	0	0	0	0	0
RANCHI AERODROME	27.8	+0.2	30.4	01	17.8	-1.6	14.6	16	52.1	106.0	- 3.3	46.7	04	4	- 2.0	12.0	9.0	+0.3	0	6	0	0	1	1	0	0	0	0
JAMSHEDPUR	32.0	+0.4	33.9	01	21.1	-1.1	17.0	22	31.0	68.5	- 5.9	30.2	03	5	0.0	7.0	5.4	+1.6	0	5	0	0	0	0	0	0	0	0
JAMSHEDPUR P.B.O.	31.2	+0.5	33.6	08	21.2	-0.7	16.8	16	23.6	51.8	- 43.0	21.0	29	4	- 1.5	7.4	4.8	+0.2	0	5	0	0	0	0	0	0	0	0
CHAIBASA	31.2	+0.2	33.4	08	19.1	-2.5	15.8	16	19.0	21.2	- 63.9	8.8	03	3	- 1.6	3.9	2.5	+0.5	0	6	0	0	1	0	0	0	0	0
BIHAR PLAINS																												
MOTIHARI	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	
FORBESGANJ	30.6	-1.6	32.8	23	20.2	-0.5	17.3	23	101.2	283.9	+202.9	138.8	05	5	+ 0.7	6.1	4.3	0.0	2	5	0	0	4	2	0	0	0	
DARBHANGA	31.3	-0.1	33.4	01	20.7	-1.6	18.0	15	104.9	162.5	+103.8	61.1	04	5	+ 2.6	..	..	..	0	5	0	0	1	0	0	0	0	0
MUZAFFARPUR	30.3	..	32.3	02	20.7	..	17.5	22	98.0	119.9	+ 61.5	46.6	05	3	+ 0.4	4.3	2.6	..	0	4	0	0	1	0	0	0	0	0
CHAPRA	31.8	..	33.4	18	21.6	..	18.6	25	38.4	72.4	+ 20.4	24.8	05	4	+ 1.5	4.6	2.9	..	0	5	0	0	0	0	0	0	0	0
PURNEA	30.5	-1.0	32.9	02	19.0	-2.5	16.4	19	134.8	235.6	+153.3	121.5	05	5	+ 1.3	2.9	1.8	-1.8	0	5	0	0	0	0	0	0	0	0
PATNA	31.3	-0.6	33.9	01	22.0	-1.0	19.5	26	76.6	110.8	+ 56.2	39.0	05	4	+ 1.1	4.2	4.2	-0.5	1	4	0	0	0	0	0	0	0	0
PATNA AERODROME	30.9	-0.3	33.4	01	20.2	-1.5	16.0	26	68.0	77.7	+ 20.4	34.4	05	3	- 0.1	4.6	3.0	-1.0	0	4	0	0	4	5	0	0	0	0
ARRAH	..	..	..	..	..	..	..	..	..	5.7	- 54.2	2.3	02	0	- 3.1	..	..	..	1	4	0	0	0	0	0	0	0	0
BHAGALPUR	31.2	-0.8	34.1	02	22.3	-0.8	19.8	16	103.1	161.6	+ 82.8	76.0	05	4	+ 0.5	5.1	3.9	-0.7	0	6	0	0	7	0	0	0	0	0
SABAUR	31.1	-0.1	34.0	01	19.5	-2.4	16.2	26	38.8	105.2	+ 27.5	47.8	04	4	+ 1.0	5.7	3.6	-1.0	1	4	0	0	7	0	0	0	0	0
JAMUI	30.6	-0.8	33.4	02	19.0	-3.1	13.8	30	27.5	48.7	- 27.6	24.3	03	3	- 1.0	5.3	4.2	+0.8	1	3	0	0	0	0	0	0	0	0
DEHRI	31.9	+0.1	34.6	02	19.[illegible]	[illegible]	14.4	24	33.8	54.3	+ 10.1	26.6	03	3	+ 0.5	4.9	3.5	-0.2	0	3	0	0	0	0	0	0	0	0
GAYA	31.8	+0.6	34.[illegible]	02	19.9	-1.0	15.8	[illegible]	17.0	48.9	- 5.2	21.1	04	5	+ 1.6	6.3	4.2	-1.8	0	8	0	0	1	0	0	0	0	0
UTTAR PRADESH EAST																												
KHERI	32.2	+0.7	34.0	01	19.2	-1.1	15.5	30	0.0	43.8	- 48.3	43.8	03	1	- 1.3	3.0	1.7	-0.4	0	1	0	0	1	0	2	0	0	0
BAHRAICH	31.7	-0.4	34.4	01	19.6	-1.1	15.9	21	7.4	33.6	- 23.0	26.2	04	2	- 0.3	4.1	2.8	-0.9	0	2	0	0	2	0	0	0	0	0
NAUTANWA	30.8	0.0	33.6	02	19.2	-2.1	16.4	30	64.2	130.0	- 9.0	85.6	05	2	- 2.0	3.4	2.1	-0.7	0	3	..	..	..	..	..	.	..	
HARDOI	31.9	-0.3	34.6	03	18.5	-1.4	14.7	24	0.0	0.0	-112.0	0.0	..	0	- 2.6	3.1	2.8	-1.0	0	0	0	0	0	0	0	0	0	0
GONDA	31.8	-0.3	33.4	03	18.6	-1.4	15.4	25	10.2	47.4	- 12.5	32.2	04	2	- 0.3	3.7	2.9	-0.1	0	2	0	0	0	0	0	0	0	0
LUCKNOW	33.5	+0.7	0.0	00	19.8	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	
LUCKNOW (AMAUSI)	32.5	+0.8	35.0	05	18.0	-1.3	13.5	24	0.0	0.0	-100.4	0.0	..	0	- 3.4	7.6	4.6	-1.1	0	0	0	0	0	0	0	0	0	0
FAIZABAD	32.9	+1.6	34.4	01	18.9	-0.5	15.6	22	13.4	35.4	- 58.0	28.0	04	2	- 0.8	3.8	2.0	-0.2	0	3	0	0	0	0	0	0	0	0
GORAKHPUR	32.1	-0.1	34.9	02	20.5	-1.0	18.3	22	48.2	96.4	+ 36.2	52.2	05	2	- 0.3	3.2	3.0	+0.3	0	2	0	0	0	0	0	0	0	0
KANPUR	33.1	+0.4	36.5	18	18.7	-0.9	14.3	26	0.0	1.0	- 29.2	1.0	18	0	- 1.5	8.5	5.5	-0.8	0	1	0	0	1	0	0	0	0	0
KANPUR (AERODROME)	33.0	..	36.3	05	19.1	..	14.4	24	6.8	13.2	..	6.8	19	2	..	..	..	..	0	3	0	0	2	0	0	0	0	0
SULTANPUR	32.6	+0.7	37.5	08	19.2	-1.7	15.5	26	6.4	32.6	- 67.4	26.2	04	2	- 1.6	1.2	1.0	-2.1	0	2	0	0	0	0	0	0	0	0
AZAMGARH	32.3	-0.4	33.9	09	18.4	-2.6	15.4	23	15.4	32.2	- 18.4	16.8	05	2	- 0.7	3.2	1.8	..	1	3	0	0	0	0	0	0	0	0
FATEHPUR	32.9	+0.1	36.2	01	18.4	-1.6	13.8	26	0.6	3.0	- 16.4	1.8	21	0	- 1.3	..	..	..	0	3	0	0	0	0	0	0	0	0
BALLIA	27.8	-4.5	31.5	22	..	..	..	..	0.0	28.8	-101.9	420.4	02	3	- 1.5	40.2	70.0	+7.3	2	0	0	0	0	0	0	0	0	0
BANDA	34.5	+1.7	37.6	06	19.7	-0.7	15.4	24	5.2	9.2	- 52.9	6.0	03	1	- 1.6	1.4	0.5	-0.6	0	3	0	0	0	0	0	0	0	0
ALLAHABAD (BAMHRAULI)	34.2	+1.6	37.0	01	19.3	-1.1	14.8	25	10.3	15.6	- 18.7	11.5	04	2	0.0	5.7	3.2	-1.3	0	2	0	0	3	0	0	0	0	0
VARANASI (BABATPUR)	33.0	+0.8	35.2	18	19.0	-2.1	15.6	26	21.7	26.2	- 11.4	13.4	10	4	+ 1.8	9.7	7.3	+1.0	0	4	0	0	4	1	0	0	0	0
VARANASI	32.5	0.0	35.0	18	20.3	-0.4	16.9	23	14.6	26.6	- 24.7	11.0	03	3	+ 0.7	2.6	2.0	-3.5	0	4	0	0	0	0	0	0	0	0
UTTAR PRADESH WEST																												
MUKHIM	21.4	+0.3	26.0	03	10.5	-1.3	8.0	18	8.3	8.3	- 94.9	6.5	07	1	- 4.5	..	..	..	0	2	0	0	1	0	0	0	0	0
TEHRI	29.9	+0.4	34.7	03	12.7	-3.4	10.2	11	3.0	3.5	- 86.9	2.2	07	0	- 4.0	4.1	2.1	..	0	3	0	0	4	0	0	0	0	0
DEHRA DUN	28.7	+0.5	31.6	02	14.5	-1.6	11.3	19	21.9	24.8	- 17.1	17.2	04	3	+ 0.9	3.5	3.4	+0.1	2	3	0	0	7	0	0	0	0	0
MANSIARI	18.4	..	22.6	02	6.8	..	4.5	16	..	23.7	..	5.8	17	4	..	..	..	..	0	9	..	..	..	..	..	..	..	..
ROORKEE	31.5	+0.6	35.8	01	15.1	-2.1	11.5	25	31.8	40.0	+ 14.1	18.0	07	5	+ 4.0	3.4	2.2	-1.0	0	5	0	0	3	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena- No. of days with									
																			Precipitation									
	Mean minimum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Duststorm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
UTTAR PRADESH WEST (CONTD.)																												
NAJIBABAD	31.7	+1.1	35.3	02	15.3	-2.3	10.6	25	10.0	14.3	- 87.2	10.0	07	2	- 1.4	6.3	4.6	+0.9	0	2	0	0	2	0	0	0	0	
MEERUT	33.0	+1.1	38.0	01	14.8	-3.7	11.5	20	..	5.0	- 18.9	5.0	01	1	+ 0.1	.	4.3	-0.1	0	1	0	0	0	0	0	0	0	
BAREILLY	32.4	+0.1	35.5	01	18.9	-0.6	15.3	25	18.8	78.8	+ 44.0	60.0	03	2	+ 0.9	5.1	3.6	+0.9	0	3	0	1	3	0	0	0	0	
ALIGARH	33.6	+0.2	37.8	01	18.2	-0.8	15.0	23	0.0	12.4	+ 2.5	8.2	16	2	+ 1.4	6.1	3.6	-1.1	0	2	0	0	2	0	0	0	0	
MAINPURI	34.0	0.0	37.8	06	17.2	-1.7	13.6	23	21.1	25.7	+ 3.1	21.1	07	2	+ 1.0	..	..	..	0	3	0	0	1	0	1	0	0	
AGRA	33.8	+0.5	38.0	06	18.8	-0.3	15.0	25	3.7	45.3	+ 25.7	32.0	07	3	+ 2.2	3.3	2.9	-0.3	0	4	0	0	0	0	0	0	0	
AGRA AERODROME	33.7	..	37.5	01	17.7	..	11.7	31	42.5	48.2	..	39.7	07	2	..	..	..	..	0	5	0	0	5	0	0	0	0	
ORAI	32.8	0.0	36.0	03	18.9	-1.0	15.3	26	12.0	34.2	- 43.1	17.4	21	4	+ 1.1	6.0	5.1	-1.2	1	4	0	0	0	0	0	0	0	
JHANSI	33.8	+0.5	38.0	02	18.9	-0.6	15.5	30	4.0	8.5	- 17.2	4.5	10	2	+ 0.8	3.6	4.3	0.0	0	2	0	0	0	0	0	0	0	
MORADABAD	31.6	..	34.7	01	16.6	..	13.2	23	0.0	0.0	..	0.0	..	0	..	3.6	3.7	..	0	0	0	0	0	0	0	0	0	
UTTAR KASHI	26.4	..	32.3	03	10.1	..	8.3	15	..	1.4	..	1.4	08	0	..	..	..	..	0	1	..	..	..	..	..	.	..	
HARYANA (INCLUDING DELHI AND CHANDIGARH)																												
CHANDIGARH	31.7	+1.0	35.5	01	15.8	-0.8	12.2	12	4.2	33.2	- 48.7	19.6	06	3	- 0.6	..	..	..	0	5	0	0	0	0	0	0	0	
AMBALA	31.7	-1.5	35.7	01	16.5	+0.1	13.2	29	2.1	9.1	- 13.5	3.6	15	1	0.0	4.4	4.5	+0.1	0	4	0	1	0	0	0	0	0	
AMBALA AERODROME	32.2	..	35.5	02	14.0	..	11.1	13	3.1	6.0	..	3.1	18	1	..	..	..	..	0	3	0	1	6	0	0	0	0	
KARNAL	30.8	-0.7	34.6	01	16.2	-1.1	13.3	26	15.7	15.7	- 44.1	10.3	07	2	+ 0.1	4.5	4.4	..	0	2	0	0	0	0	0	0	0	
HISSAR	34.3	-0.3	38.9	01	18.0	+0.6	14.2	20	0.0	3.0	- 10.2	1.6	15	0	- 0.6	6.3	6.0	+0.7	0	2	0	0	4	0	1	0	0	
NEW DELHI/SAFDARJUNG	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	
PALAM AERODROME	32.9	..	37.3	01	17.1	..	12.4	25	0.0	1.8	..	0.9	..	0	..	..	..	..	0	1	0	0	0	2	0	0	1	
GURGAON	33.0	..	37.3	01	15.8	..	11.3	26	0.0	0.0	..	0.0	..	0	..	5.5	3.6	..	0	0	0	0	0	0	0	0	0	
NARNAUL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	
ROHTAK	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	
PUNJAB																												
PATHANKOT	30.6	-0.2	35.6	06	14.4	-2.5	11.2	24	7.0	39.0	- 76.3	13.6	07	4	+ 1.2	..	..	..	0	5	0	0	4	0	0	0	0	
AMRITSAR	31.6	-0.3	37.3	02	16.0	-0.6	13.3	27	0.0	11.2	- 30.6	7.4	09	1	- 0.4	..	..	..	0	2	0	0	3	0	0	0	0	
ADAMPUR AERODROME	31.3	..	36.8	03	14.2	..	10.6	27	4.3	25.7	..	9.0	07	3	..	..	..	..	0	4	0	0	5	0	2	0	0	
LUDHIANA	31.9	-2.0	38.0	01	16.6	-0.9	13.2	18	32.6	51.8	+ 40.4	31.4	04	4	+ 3.2	4.2	2.4	+0.2	0	6	0	0	5	0	0	0	0	
FEROZEPUR	32.5	-0.4	38.2	01	14.9	-2.0	12.2	18	1.0	18.9	- 3.9	10.0	14	3	+ 1.9	3.0	2.2	+0.7	0	5	0	0	0	0	1	0	0	
HALWARA AERODROME	32.5	..	37.0	03	14.1	..	10.5	19	3.0	31.0	..	2.8	14	1	..	..	..	..	0	2	0	0	6	0	1	0	0	
PATIALA	32.1	-0.3	36.5	03	16.9	-0.9	13.7	26	7.4	9.2	- 6.8	7.4	17	1	+ 0.1	5.2	6.7	+0.5	0	3	0	0	6	0	0	0	0	
BHATINDA	35.0	+0.8	39.4	01	15.0	-1.9	11.4	27	0.0	2.5	- 4.1	2.5	17	1	+ 0.4	2.1	3.1	-0.6	0	1	0	0	3	0	0	0	0	
HIMACHAL PRADESH																												
MANDI	29.5	+1.6	33.5	01	15.0	+1.8	12.5	28	17.0	38.5	- 50.1	11.0	07	4	- 1.0	6.4	4.1	+2.1	0	5	0	0	5	0	0	0	0	
BILASPUR	28.6	-1.2	32.9	03	10.9	-4.2	9.1	13	33.1	54.6	- 18.1	18.4	15	6	+ 2.9	..	..	..	0	8	0	0	0	1	0	0	0	
JAMMU AND KASHMIR																												
MISGAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	
GILGIT	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	
SKARDU	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	
DRAS	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	
SONAMARG	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	
LEH	12.1	-2.1	21.4	02	- 4.9	-4.0	- 8.5	29	0.0	0.0	- 3.1	0.0	..	0	- 0.3	6.8	6.9	+1.9	0	0	0	0	0	0	0	0	0	
SRINAGAR	19.6	-3.0	28.2	03	5.1	-0.6	3.0	18	15.4	51.3	+ 23.6	26.9	07	4	+ 1.6	4.3	3.8	+0.5	0	6	0	0	3	0	0	0	0	
SRINAGAR AERODROME	18.3	..	27.0	02	5.8	..	2.9	19	11.5	53.1	..	27.1	07	5	..	..	..	..	0	6	0	0	6	0	0	2	2	
GULMARG	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	
DAZIGUND	18.5	..	26.3	02	5.6	..	2.5	31	17.7	84.7	..	52.8	07	4	..	..	..	..	0	7	0	0	2	0	0	0	0	
RANIMAL	22.0	..	28.1	02	6.0	..	3.4	31	19.2	72.2	..	41.6	07	5	..	..	..	..	0	9	0	0	6	0	0	0	0	
JAMMU	31.5	+0.1	36.7	01	18.1	-1.3	15.6	07	1.0	13.5	- 2.0	8.1	07	2	+ 0.9	4.9	5.2	..	0	3	0	0	0	0	0	0	0	
JAMMU AERODROME	30.9	..	35.6	01	17.4	..	14.5	24	0.4	20.7	..	13.4	07	2	..	..	..	..	1	3	0	0	3	0	0	0	0	
GULMARG (RESEARCH INSTITUTE)	11.4	..	20.8	02	1.0	..	- 1.8	31	33.7	92.5	..	42.0	07	8	..	..	..	..	0	11	7	0	8	7	0	0	0	
RAJASTHAN, WEST																												
GANGANAGAR	35.6	+0.6	41.0	01	18.2	+1.2	14.6	24	0.0	6.3	+ 2.6	6.3	17	1	+ 0.4	..	..	..	0	1	0	0	1	0	0	0	0	
ANUPGARH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	
CHURU	35.2	+1.7	39.5	01	16.1	-1.9	11.1	25	6.8	9.6	- 16.5	8.0	10	1	- 0.5	7.7	4.9	-1.2	0	2	0	0	3	0	0	0	0	
BIKANER	36.3	+1.0	41.1	05	19.0	+0.4	13.9	21	0.0	0.0	- 7.1	0.0	..	0	- 0.4	7.9	5.6	+0.3	0	0	0	0	1	0	0	0	0	
NAGAUR	36.5	+2.0	40.8	05	18.1	-1.1	13.4	25	0.0	0.0	- 1.1	0.0	..	0	- 0.2	7.4	5.3	+0.2	0	0	0	0	0	0	0	0	0	
PHALODI	36.9	+1.7	41.3	03	19.1	-0.6	15.5	31	0.0	3.1	+ 1.1	3.1	10	1	+ 0.9	11.8	9.7	-1.9	0	1	0	0	1	0	0	0	0	
JAISALMER	..	..	..	..	..	..	..	..	0.0	0.0	- 0.8	0.0	..	0	- 0.2	8.3	6.9	-1.6	0	0	0	0	0	0	0	0	0	
JODHPUR	38.0	+2.3	42.3	02	20.5	+0.9	15.9	25	0.0	0.4	- 7.2	0.4	18	0	- 0.5	..	..	..	0	1	0	0	1	0	0	0	0	
BARMER	..	..	..	..	..	..	..	..	0.0	0.0	- 1.3	0.0	..	..	..	3.9	4.6	-2.6	0	0	0	0	0	0	0	0	0	
ERINPURA (JAWAI DAM)	37.0	+3.5	40.0	04	21.0	0.0	14.8	22	0.0	0.0	- 21.3	0.0	..	0	- 1.9	4.9	4.7	-1.2	0	0	0	0	0	0	0	0	0	
JALORE																												
RAJASTHAN, EAST																												
PILANI	34.8	+0.9	39.5	01	16.9	-0.3	13.2	25	1.0	10.8	+ 2.1	8.4	09	1	+ 0.2	8.5	6.4	-1.5	0	2	0	0	1	0	0	0	0	

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena - No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	20	21	22	23	24	25	26	27	28
VIDARBHA (CONTD)																												
BULDANA	30.4	+0.6	31.8	19	18.4	-2.1	16.5	25	3.0	19.0	- 23.8	12.0	01	3	+ 0.3	6.3	4.5	-1.9	0	3	0	0	0	0	0	0	0	0
YEOTMAL	31.7	+0.9	34.1	05	19.3	-0.8	15.7	28	2.2	2.2	- 51.4	2.2	08	0	- 3.5	9.4	6.1	-1.1	0	1	0	0	1	0	0	0	0	0
CHANDRAPUR	31.8	+0.2	33.4	05	18.5	-2.2	10.9	26	1.2	9.4	- 47.0	5.8	03	1	- 1.8	4.0	1.7	-1.7	1	4	0	0	7	0	0	0	0	0
PUSAD	32.8	..	34.4	03	..	..	..	..	0.0	8.0	..	8.0	06	1	..	8.5	4.8	..	0	1	0	0	1	0	0	0		
SIRONCHA	31.9	-0.2	33.6	05	22.0	-0.9	17.7	26	23.4	122.8	+ 28.5	57.4	09	4	- 1.9	6.4	3.8	-0.2	0	6	0	0	0	0	0	0	0	0
WARDHA	32.7	..	34.0	03	18.0	..	13.6	26	10.2	10.2	..	10.2	06	1	..	8.3	6.0	..	0	1	0	0	0	0	0	0	0	0
BHANDARA	32.0	..	33.8	18	19.9	..	14.5	25	0.0	14.8	..	11.8	03	2	..	8.0	5.6	..	0	2	..	..	..	..	..	.	..	
COASTAL ANDHRA PRADESH																												
KALINGAPATAM	29.9	-0.8	32.2	09	23.5	-1.0	21.4	27	124.1	418.8	+217.6	178.2	27	12	+ 4.6	15.6	11.9	+1.9	0	14	0	0	2	0	0	1	0	
VISHAKHAPATNAM	31.2	+0.3	34.1	01	24.5	0.0	22.1	18	98.4	220.9	+ 8.8	81.3	03	9	+ 0.9	17.1	11.5	+3.4	0	14	0	0	5	0	0	0	2	
KAKINADA	30.7	-0.1	34.0	06	24.2	-0.3	23.1	20	63.2	178.6	- 59.1	63.8	08	8	- 0.7	13.1	9.8	+0.3	0	12	0	0	2	0	0	0	0	
NIDADAVOLE	31.3	+0.5	34.0	06	23.5	-0.3	21.2	20	50.2	165.4	- 27.1	63.2	03	6	- 5.5	9.3	6.6	+0.5	0	6	0	0	0	0	0	0	0	
RENTACHINTALA	32.6	-0.3	35.6	06	24.5	+1.3	22.6	26	7.0	116.6	- 7.3	54.6	06	6	- 0.7	4.9	4.2	-0.6	0	6	0	0	2	0	0	0	0	
GANNAVARAM	31.5	0.0	34.4	28	23.6	-0.6	21.6	19	18.0	45.4	- 98.6	13.8	12	6	- 1.8	11.6	8.1	-0.9	2	10	0	0	5	0	0	0	0	
MASULIPATAM	30.8	0.0	34.1	06	22.9	-2.0	21.2	26	28.5	136.4	- 98.0	57.5	07	9	+ 0.9	4.7	3.4	-4.3	0	11	0	0	2	0	0	0	0	
ONGOLE	32.8	+1.1	36.1	05	24.5	-0.2	23.1	19	6.2	75.6	-126.4	26.0	07	8	- 1.6	7.2	5.6	+1.2	0	9	0	0	0	0	0	0	0	
NELLORE	32.0	-0.5	36.8	06	24.5	-0.2	21.2	27	48.2	170.3	- 95.9	66.0	01	8	- 0.7	..	..	..	0	9	0	0	1	0	0	0	0	
VISHAKHAPATNAM (SOLAR)	30.1	..	32.8	28	23.8	..	21.9	18	..	204.0	..	77.2	03	6	..	.	8.6	..	0	14	0	0	5	0	0	0	0	
TELANGANA																												
RAMGUNDAM	32.7	+0.2	34.2	05	21.3	-1.5	17.2	26	36.1	142.9	+ 61.4	65.8	09	5	+ 0.5	7.5	4.1	-0.3	0	7	0	0	0	0	0	0	0	
NIZAMABAD	32.0	+0.5	33.7	05	20.1	-0.5	15.5	27	12.4	34.8	- 76.8	19.2	01	3	- 0.1	6.2	4.9	+0.7	0	4	0	0	1	0	0	0	0	
HANAMKONDA	31.3	-0.4	33.5	01	21.9	-0.3	16.5	26	87.6	170.8	+103.0	50.1	07	7	+ 3.0	9.9	6.2	+0.1	0	7	0	0	2	0	0	0	0	
HAKIMPET AERODROME	30.1	..	35.2	02	19.9	..	15.2	26	6.8	42.5	..	16.1	09	4	..	..	..	..	0	8	0	0	6	1	0	0	0	
BHADRACHALLAM	31.6	-0.4	34.0	30	22.8	-0.2	20.0	19	43.8	148.2	+ 38.1	48.6	03	9	+ 1.6	5.2	3.5	-0.9	0	13	0	0	3	0	0	0	0	
HYDERABAD (BEGAMPET)	30.4	+0.1	32.1	30	17.7	-2.1	11.7	26	27.2	79.5	+ 14.7	31.4	06	5	+ 0.9	9.6	6.0	-2.9	1	6	0	0	4	0	0	0	1	
KHAMMAM	32.1	-0.4	35.2	30	23.0	+0.1	19.8	26	53.5	90.7	- 17.8	23.4	07	8	+ 1.4	4.3	3.7	-0.7	0	8	0	0	0	0	0	0	0	
MAHBUBNAGAR	30.0	-0.4	32.8	30	20.8	-0.5	17.3	27	66.9	112.7	+ 10.4	46.8	06	4	- 2.5	10.2	6.9	-1.7	0	8	0	0	0	0	0	0	0	
RAYALASEEMA																												
KURNOOL	32.0	-0.4	34.5	31	21.5	-0.9	15.0	26	52.2	184.3	+105.8	104.0	08	8	+ 3.2	7.4	5.3	-0.7	0	8	0	0	0	0	0	0	0	
NANDYL	32.8	..	34.8	30	22.7	..	18.0	27	36.3	60.2	..	25.4	14	6	..	6.8	5.1	..	0	10	0	0	0	0	0	0	0	
ANANTAPUR	31.4	0.0	33.0	31	22.0	-0.5	17.5	27	6.7	82.7	- 16.6	26.2	08	5	- 0.3	9.7	7.7	-0.2	0	9	0	0	5	0	0	0	0	
CUDDAPAH	33.4	+0.9	36.2	30	23.2	-0.7	19.0	27	31.0	143.0	+ 35.3	46.2	13	5	- 1.5	5.5	4.3	-0.7	0	9	0	0	0	0	0	0	0	
AROGYAVARAM	28.5	+0.2	30.6	30	19.3	-0.8	15.8	27	26.2	91.4	- 60.7	21.0	13	8	+ 0.1	10.1	6.4	+0.6	0	10	0	0	4	1	0	0	0	
MADRAS STATE (INCLUDING PONDICHERRY)																												
MADRAS	31.2	-0.3	35.0	05	24.4	0.0	22.6	26	72.5	142.0	-146.7	43.3	15	9	- 1.5	9.6	6.6	+1.4	2	14	0	0	6	1	0	0	0	
MADRAS (MINAMBAKKAM)	32.0	+0.2	36.6	06	24.3	-0.1	23.0	26	94.5	117.2	-188.6	32.2	06	8	- 2.4	11.5	8.0	-1.2	1	13	0	0	10	1	0	0	2	
VELLORE	32.1	+0.3	35.6	06	22.3	-0.7	18.7	27	29.5	86.8	- 86.2	28.4	01	6	- 3.3	6.3	6.3	+1.4	0	7	0	0	0	7	0	0	0	
TAMBARAM AERODROME	33.9	..	37.5	06	24.3	..	22.2	20	20.5	50.8	..	19.1	12	5	..	..	..	..	0	9	0	0	12	1	0	0	0	
TIRUPPATTUR	31.6	+1.0	34.1	06	22.8	+1.3	18.3	30	34.6	133.8	- 57.7	34.3	13	6	- 6.4	4.5	3.6	+0.6	0	6	0	0	0	0	0	0	0	
METTUR DAM R.S.	32.7	..	34.5	27	23.1	..	21.3	13	7.8	134.2	..	73.1	13	5	..	6.0	5.5	..	0	5	0	0	0	0	0	0	0	
CUDDALORE	31.8	+0.3	35.9	05	24.2	-0.1	22.7	01	11.6	69.7	-197.0	27.4	01	6	- 4.4	10.2	7.6	+0.2	1	9	0	0	3	0	0	0	0	
KALLAKKURICHCHI	32.5	0.0	35.4	31	..	..	..	..	22.7	143.3	- 27.5	81.0	11	5	- 4.6	7.6	5.5	..	0	6	0	0	3	0	0	0	0	
SALEM	32.4	+0.5	34.2	26	22.9	+0.1	20.7	20	9.9	122.0	- 43.9	60.0	11	5	- 4.7	5.0	5.1	-0.2	0	8	0	0	7	0	0	0	0	
COIMBATORE (PILAMEDU)	32.5	+1.6	34.0	24	22.3	+0.4	20.4	05	0.0	32.2	- 91.3	16.9	16	3	- 6.7	19.5	16.1	-0.2	0	6	0	0	8	0	0	0	0	
COIMBATORE	32.6	+2.2	34.1	24	22.6	+0.6	21.1	05	..	23.3	-138.2	7.6	17	6	- 3.8	.	6.7	-1.1	0	7	0	0	0	0	0	0	0	
NAGAPATTINAM	31.9	+0.5	34.9	11	25.4	+0.4	23.1	11	41.7	73.5	-168.3	7.3	19	4	- 6.0	12.0	10.3	+1.6	0	12	0	0	5	0	0	0	0	
TIRUCHCHIRAPPALLI	32.9	+0.6	35.6	11	23.8	-0.1	21.9	14	16.2	108.5	- 67.0	18.8	12	9	- 0.1	8.9	6.7	-4.2	0	10	0	0	6	1	0	0	1	
VEDARANNIYAM	32.6	..	35.0	10	23.3	..	19.9	31	20.0	157.2	..	35.8	11	9	..	7.1	5.6	..	0	10	0	0	0	0	0	0	0	
ATIRAMPATTINAM	32.0	..	34.0	10	24.9	..	21.4	13	42.4	172.4	..	80.0	13	8	..	10.5	8.2	..	0	10	0	0	0	0	0	0	0	
MADURAI	33.8	+0.8	37.4	06	22.3	-1.7	20.2	29	..	256.1	+ 72.0	85.0	12	8	- 2.0	.	6.0	+1.1	0	9	0	0	4	0	0	0	0	
MADURAI AERODROME	32.8	-0.1	35.0	10	23.4	-0.4	20.8	12	30.3	153.2	+ 36.3	82.8	13	5	- 4.6	9.6	7.5	-0.7	1	10	0	0	4	0	0	0	0	
TONDI	31.7	+0.7	35.6	03	24.4	-0.4	21.9	14	29.6	93.8	-109.7	20.8	01	7	- 2.4	13.7	11.8	-0.8	0	7	0	0	5	0	0	0	0	
PAMBAN	31.6	+0.9	33.2	13	25.1	-0.5	22.6	14	20.8	37.7	-166.5	16.2	18	3	- 6.1	..	..	..	0	6	0	0	0	0	0	0	0	
TUTICORIN	33.1	+1.2	36.3	06	24.0	-1.1	22.1	31	10.7	61.6	- 61.2	20.5	31	4	- 3.5	15.6	11.8	-0.5	0	9	0	0	0	0	0	0	0	
PALAYANKOTTAI	34.5	+0.6	38.1	07	24.8	-0.3	22.8	16	80.8	128.3	- 45.7	25.0	17	11	+ 2.5	9.2	7.0	-1.5	0	13	0	0	3	0	0	0	0	
KANNIYAKUMARI	30.5	..	32.8	26	24.3	..	22.9	04	17.4	69.5	..	19.6	20	7	..	15.1	12.7	..	1	8	0	0	3	0	0	0	0	
PONDICHERRY	31.1	..	35.1	05	24.5	..	23.0	01	63.6	101.7	..	44.4	09	6	..	16.4	14.2	..	2	6	0	0	0	0	0	0	0	
PORTNOVO	31.4	..	35.7	05	22.4	..	20.3	11	..	102.2	..	34.0	11	6	..	.	7.3	..	0	7	0	0	1	0	0	0	0	
TUTICORIN H.P.	31.8	..	36.1	06	25.3	..	22.9	18	17.8	112.9	..	43.8	16	6	..	15.2	14.8	..	0	8	0	0	8	0	0	0	3	

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20a	20b	21	22	23	24	25	26	27	28
COASTAL MYSORE																												
KARWAR	30.8	+1.1	34.6	23	22.6	-1.0	18.7	27	66.2	268.0	+120.7	72.4	02	10	+ 2.7	5.3	3.5	..	0	10	0	4	0	0	0	0	0	0
HONAVAR	31.0	+0.4	34.9	24	22.8	-0.4	20.4	29	120.8	363.1	+238.9	120.3	02	6	- 0.6	..	..	..	1	9	0	0	7	0	0	0	0	0
MANGALORE(BAJPE)	31.0	+1.0	33.7	29	22.8	-0.1	21.3	17	20.3	98.8	-127.9	23.0	01	8	- 3.4	8.9	5.6	-0.8	0	10	0	0	9	1	0	0	0	0
MANGALORE	30.4	+0.6	32.4	23	23.3	-0.5	20.8	05	15.2	208.1	+ 0.1	..	..	..	..	9.7	7.5	+0.2	.	..	0	0	3	0	0	0	0	0
MANGALORE H.P.	30.5	..	33.1	21	23.5	..	21.8	18	18.7	58.5	..	11.1	05	8	..	11.0	6.9	..	0	12	0	0	10	0	0	0	0	1
INTERIOR MYSORE NORTH																												
BIDAR	29.2	-0.3	31.3	04	21.6	+1.0	18.2	26	32.0	58.8	- 0.6	21.6	09	6	+ 2.4	12.2	8.5	-0.3	0	7	0	0	1	2	0	0	0	
GULBARGA	31.5	-0.4	33.2	31	20.4	-0.6	14.8	28	108.0	196.8	+132.5	62.6	08	6	+ 1.8	12.1	8.6	-2.6	0	6	0	0	0	1	0	0	0	
BIJAPUR	30.7	-0.3	32.9	31	19.9	-0.7	15.5	26	10.2	53.6	- 23.1	20.6	02	5	+ 0.3	6.0	4.0	-1.5	0	10	0	0	0	0	0	0	0	
RAICHUR	29.6	-2.1	31.5	31	22.1	-0.4	17.8	26	33.0	69.2	- 14.9	35.4	09	3	- 1.7	11.3	9.3	-0.1	0	6	0	0	4	0	0	0	0	
BELGAUM	29.8	-0.3	32.7	27	18.7	+0.1	13.2	26	21.4	94.8	- 14.2	25.4	01	7	- 0.1	8.2	4.4	-3.7	0	9	0	0	0	0	0	0	0	
BELGAUM(SAMRA)	28.6	+0.3	30.6	30	18.7	-0.6	12.5	26	63.8	102.4	- 83.5	40.4	03	7	- 2.1	10.1	5.7	-4.2	0	11	0	0	7	0	0	0	0	
GADAG	30.5	-0.3	32.6	27	20.4	+0.2	17.3	28	55.2	89.2	- 22.8	38.1	02	6	- 0.8	9.1	9.0	+1.2	0	11	0	0	4	1	0	0	0	
BIDAR A.F.	30.0	..	31.5	04	19.2	..	13.4	26	11.6	34.9	..	15.2	01	3	..	..	..	..	0	4	0	0	4	1	0	0	0	
INTERIOR MYSORE SOUTH																												
BELLARY	30.9	-0.4	33.4	30	21.9	-0.4	18.2	28	61.3	152.7	+ 47.5	39.0	08	8	+ 2.6	7.3	3.9	-1.6	0	11	0	0	3	0	0	0	0	
CHITRADURGA	29.1	-0.5	31.6	31	20.3	0.0	17.8	28	28.2	150.8	+ 30.1	47.0	08	7	+ 0.5	8.6	6.5	+0.2	0	7	0	0	4	0	0	0	0	
SHIMOGA	..	..	..	..	..	..	..	..	13.4	36.0	-132.6	12.2	01	4	- 5.2	2.9	1.8	-2.2	0	5	0	0	0	5	0	0	0	
AGUMBE	27.3	..	30.2	30	18.2	..	14.2	28	..	216.1	..	82.6	04	8	..	.	3.2	..	0	14	0	0	0	0	0	0	0	
BALEHONNUR	27.7	+1.6	30.2	30	17.1	-0.8	13.3	28	..	112.8	- 81.8	36.4	11	7	- 3.6	..	..	..	0	10	0	0	0	4	0	0	0	
HASSAN	26.2	-1.4	29.3	28	17.6	-1.0	15.0	13	51.2	87.8	- 72.5	51.2	15	4	- 5.4	5.1	3.7	-3.2	0	4	0	0	1	0	0	0	0	
BANGALORE	28.2	+0.7	30.4	29	18.2	-0.7	15.3	28	6.4	119.5	- 33.9	40.2	07	9	+ 0.7	11.6	8.9	+0.7	0	11	0	0	5	1	0	0	0	
BANGALORE AERODROME	28.0	-0.3	29.5	31	17.7	-1.6	14.0	28	2.5	111.3	- 82.1	36.6	07	7	- 2.6	..	..	..	1	9	0	0	5	0	0	0	0	
MYSORE	27.8	-0.6	29.5	26	19.7	+0.1	16.6	28	1.0	136.2	- 17.5	64.0	13	5	- 4.0	12.3	9.1	+1.2	0	7	0	0	5	0	0	0	0	
YALANKA A.F.	27.7	..	29.5	31	18.0	..	15.3	28	12.0	210.9	..	118.5	07	7	..	..	..	..	0	9	0	0	9	0	0	0	0	
KERALA																												
CALICUT	31.5	+1.1	33.0	26	24.4	+0.6	23.0	09	16.0	90.4	-172.2	36.2	03	7	- 4.0	7.0	6.1	-2.7	0	14	0	0	2	0	0	0	0	
PALGHAT	32.1	+1.4	35.4	29	23.7	+0.3	22.8	09	25.0	77.6	-132.6	28.2	02	7	- 4.5	10.2	7.5	-1.2	0	11	0	0	0	0	0	0	0	
FORT COCHIN	30.6	+1.4	32.7	29	23.6	-0.6	21.9	29	28.9	183.1	-143.0	72.4	29	12	- 1.8	9.3	7.1	-0.7	0	17	0	0	8	0	0	0	0	
COCHIN(NAVAL AIR STATION)	30.8	..	32.8	29	24.4	..	23.2	29	44.4	153.5	..	56.0	29	11	..	10.1	7.8	..	0	13	0	0	16	0	0	0	0	
ALLEPPEY	31.1	+1.4	32.6	29	24.8	+1.0	23.9	11	16.4	153.8	-196.1	84.2	21	9	- 6.5	13.2	10.5	+0.1	0	13	0	0	11	0	0	0	0	
PUNALUR	32.4	+1.2	34.3	15	22.2	-0.2	20.6	07	90.0	395.8	+ 9.7	120.6	18	19	+ 5.0	3.4	2.4	-0.9	0	19	0	0	0	0	0	0	0	
TRIVANDRUM	30.3	+0.4	32.6	26	23.5	+0.1	22.3	23	74.2	232.1	- 41.2	106.9	23	10	- 2.3	10.3	6.8	-0.5	2	12	0	0	16	0	0	0	0	
TRIVANDRUM AERODROME	30.2	+0.4	31.3	29	23.9	+0.3	22.7	23	..	280.4	+ 67.8	119.8	21	10	- 0.2	.	6.6	-0.3	2	11	0	0	14	0	0	0	0	
ARABIAN SEA ISLANDS																												
AMINI	30.3	-0.1	32.0	24	25.5	+0.3	23.3	14	15.5	33.1	-108.0	6.0	02	6	- 2.4	15.5	14.2	+4.1	1	8	0	0	1	0	0	0	0	
AGATTI	27.5	..	31.0	23	..	..	..	..	16.3	37.5	..	11.4	13	5	..	9.0	8.6	..	0	7	0	0	1	0	0	0	0	
ANDROTH	30.5	..	31.5	31	24.7	..	22.7	11	9.3	44.5	..	14.1	13	5	..	7.7	1.8	..	0	7	0	0	0	0	0	0	0	
MINICOY	30.4	+0.8	31.4	24	23.4	-1.2	21.3	15	28.9	80.6	- 98.5	20.6	31	10	- 0.6	9.3	7.5	-2.7	2	13	0	0	1	0	0	0	0	
HILL STATIONS(EXCLUDING KASHMIR)																												
DALHOUSIE	22.5	+0.9	26.4	03	10.9	-0.8	5.0	08	5.0	58.3	+ 26.8	3.0	07	4	+ 2.0	..	..	..	.	..	..	..	..	..	..	..	.	..
DHARMASALA	24.8	+0.4	28.9	01	13.0	-3.1	9.8	10	12.2	54.4	- 63.1	15.8	18	7	+ 3.5	5.8	4.3	+0.1	0	9	0	0	3	0	0	0	0	
BHUNTAR	25.7	..	32.3	03	8.2	..	5.3	10	34.7	37.5	..	19.5	08	3	..	9.5	5.9	..	0	7	0	1	3	0	0	0	0	
SIMLA	17.8	-0.1	22.1	02	8.9	-1.9	3.7	10	22.5	31.6	- 1.7	7.2	15	5	+ 2.8	4.7	3.3	+0.2	0	12	0	0	1	0	0	0	0	
DHARMPUR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	.	..
GANGARIA (KANJALIA TOK)	13.1	..	18.0	01	2.3	..	0.7	18	..	33.4	..	9.6	18	4	..	..	..	..	0	10	..	..	..	..	..	..	.	..
BADRINATH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	.	..
JOSHIMATH	21.3	+0.1	26.0	03	8.8	-1.8	6.2	18	0.0	13.0	- 50.2	13.0	18	1	- 3.7	5.3	6.4	+0.6	0	1	0	0	0	0	0	0	0	
MUSSOORIE	18.8	+0.1	23.1	06	8.4	-2.7	4.7	19	24.2	24.2	- 20.1	16.0	19	3	+ 0.6	6.1	3.7	-2.4	0	4	0	1	1	0	0	0	0	
MUKTESWAR(KUMAUN)	19.2	+0.8	22.0	02	8.9	-1.0	5.8	15	17.4	19.4	- 24.0	14.4	02	2	- 0.3	9.9	9.5	-0.7	0	3	0	0	9	0	0	0	0	
NAINITAL	18.6	+0.1	21.0	06	9.1	-0.7	6.3	20	1.0	8.0	-297.2	5.0	04	1	- 4.5	7.5	5.4	-1.9	0	4	0	0	0	0	0	0	0	
KALIMPONG	22.6	-0.7	25.1	26	14.0	-2.1	12.8	16	208.0	750.9	+646.5	419.2	05	3	- 1.5	7.9	8.8	+0.4	0	4	0	0	0	0	0	0	0	
DARJEELING	20.0	+1.4	21.5	01	8.7	-2.8	4.0	31	214.6	579.0	+436.5	275.0	05	4	- 1.3	2.3	1.7	-0.1	0	4	0	0	2	5	0	0	0	
KOHIMA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	.	..
SHILLONG(C.S.O.)	21.7	-0.6	23.9	24	13.8	+1.8	11.7	19	60.3	92.4	- 95.8	35.8	03	8	- 2.3	3.7	2.9	+0.6	1	12	0	0	3	0	0	0	0	
CHERRAPUNJI	22.5	+0.1	25.0	24	18.0	+2.1	15.0	04	149.0	219.3	-265.3	60.3	29	6	- 3.2	6.1	4.8	-1.3	0	8	0	0	0	10	0	0	0	
ABU	28.4	+1.8	31.1	03	15.7	-1.7	12.6	22	0.0	0.0	- 20.3	0.0	..	0	- 1.1	3.8	3.6	-0.8	0	0	0	0	0	0	0	0	0	
AIJAL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	.	..
PACHMARHI	25.5	-0.7	27.6	09	14.1	-0.7	9.7	26	18.2	20.0	- 43.3	16.0	10	1	- 2.0	5.0	3.1	-0.5	0	5	0	0	2	0	0	0	0	
MAHABALESHWAR	25.1	+1.1	27.4	21	15.8	-0.3	14.2	23	37.1	105.1	- 49.3	32.4	08	7	- 0.4	10.9	11.0	+0.7	0	10	0	0	4	11	0	0	0	

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER – OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena- No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Maximum fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
HILL STATIONS(EXCLUDING KASHMIR)																												
MERCARA	24.5	+0.8	27.0	27	15.0	-2.0	13.6	10	17.8	83.6	-116.3	20.6	13	9	- 3.7	..	..	..	0	14	0	0	0	0	0	0	0	0
OOTACAMUND	19.8	+1.1	22.1	07	8.9	-1.1	5.0	25	4.4	57.9	-144.3	24.4	13	5	- 8.6	3.5	2.2	-1.2	1	8	0	0	0	0	0	0	0	0
COONOOR	22.1	+1.4	24.1	23	10.2	-3.2	7.4	05	..	166.0	-117.4	41.2	14	8	- 6.5	..	..	..	0	12	0	0	0	0	0	0	0	0
KODAIKANAL	18.0	+1.0	19.7	21	10.7	-0.2	9.1	21	27.2	146.6	-109.9	55.3	07	9	- 6.5	9.9	10.2	+0.1	1	15	0	0	9	0	0	0	0	0
MANALI	20.3	..	27.0	02	3.7	..	1.0	10	35.0	50.0	..	25.0	10	5	..	..	..	..	0	5	..	..	..	..	..	.	..	
NEPAL																												
KATMANDU	26.2	-0.1	28.8	02	11.3	-2.2	6.7	31	68.5	139.5	+ 92.2	75.4	05	3	- 1.1	2.3	1.2	-0.1	1	3	0	0	3	19	0	0	0	
SIKKIM																												
LACHEN	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	
HYDROMETEOROLOGICAL OBSERVATORIES																												
DAMODAR CATCHMENT																												
TILAIYA	29.8	..	33.5	01	19.3	..	15.0	25	14.5	63.9	..	38.1	01	5	..	4.1	2.4	..	0	5	0	0	0	0	0	0	0	0
HAZARIBAGH	28.2	..	31.6	01	16.7	..	13.1	16	35.6	59.4	..	23.2	03	4	..	5.4	3.3	..	0	4	0	0	2	0	0	0	0	0
KONAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	
BOKARO	31.9	..	36.0	01	22.4	..	19.0	14	79.0	100.4	..	79.6	03	4	..	..	..	..	0	5	0	0	0	0	0	0	0	0
MAITHON	32.2	..	35.1	02	19.5	..	15.4	16	45.1	95.4	..	36.7	03	4	..	..	..	..	0	5	0	0	4	0	0	0	0	0
RAMGARH	31.7	..	34.6	02	18.0	..	13.0	15	38.5	106.2	..	41.6	03	4	..	4.0	2.6	..	1	4	0	0	0	0	0	0	0	0
PANCHET HILLS	31.1	..	33.5	02	21.5	..	18.4	23	47.8	102.0	..	43.4	03	4	..	3.9	2.8	..	0	5	0	0	0	0	0	0	0	0
DURGAPUR	30.8	..	33.4	02	20.9	..	17.8	17	36.4	107.8	..	49.8	04	5	..	10.6	10.9	..	0	5	0	0	0	0	0	0	0	0
MAHANADI CATCHMENT																												
GINABAHAR	30.6	..	32.8	01	17.6	..	14.1	16	..	73.5	..	48.4	04	5	..	..	..	..	0	7	0	0	1	0	0	0	0	0
HIRAKUD	31.8	..	34.0	02	22.7	..	20.5	17	26.8	49.1	..	31.8	04	3	..	6.3	5.0	..	1	7	0	0	1	0	0	0	0	0
BHIMKUND	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	
SONEPUR	31.4	..	33.0	20	23.0	..	19.1	24	..	110.0	..	71.8	04	3	..	.	0.1	..	2	4	0	0	0	0	0	0	0	0
KHIJRAWAN	29.8	..	32.1	01	20.2	..	15.6	25	19.9	107.9	..	62.0	04	4	..	7.0	4.8	..	0	6	0	0	3	0	0	0	0	0
NARMADA CATCHMENT																												
BAGRA TAWA	32.1	..	34.5	07	15.9	..	10.5	26	4.0	4.0	..	4.0	21	1	..	6.3	3.7	..	0	1	0	0	1	0	0	0	0	0
PUNASA	33.0	..	36.9	16	..	..	..	..	0.0	0.0	..	0.0	..	..	..	..	..	..	0	0	..	..	..	..	..	.	..	
THIKRI	34.6	..	36.8	01	16.1	..	12.0	30	..	27.0	..	64.5	10	2	..	..	..	..	0	2	..	..	..	..	..	.	..	
SABARMATI CATCHMENT																												
DAROI	36.1	..	40.0	04	20.5	..	17.8	27	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena - No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
GANDAK CATCHMENT																												
JANOSON	17.8	..	23.1	03	3.1	..	0.2	15	50.0	200.0	..	72.0	05	4	..	..	..	..	0	4	..	..	..	..	..	.	..
KHUDI BAZAR	25.6	..	27.9	03	13.6	..	10.9	25	31.8	140.6	..	57.8	04	3	..	..	..	..	0	4	..	..	..	..	..	.	..
TIRURE	22.9	..	25.6	03	9.6	..	6.7	17	40.7	106.9	..	46.5	05	4	..	..	..	..	0	5	..	..	..	..	..	.	..
POKHARA	25.5	..	28.6	02	14.9	..	12.6	19	60.1	236.5	..	79.9	05	5	..	4.9	5.4	..	1	7	0	0	5	0	0	0	0
GORKHA	24.5	..	27.2	02	13.6	..	12.1	31	26.5	113.7	..	55.6	05	3	..	..	..	..	0	4	0	0	2	8	0	0	0
NUWAKOT	26.7	..	29.3	02	16.0	..	14.5	04	36.0	124.0	..	37.0	02	5	..	..	..	..	0	5	..	..	..	..	..	.	..
GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)																												
DAILEKH	23.6	..	27.7	03	13.2	..	10.0	31	7.2	13.7	..	7.2	05	2	..	..	..	..	0	4	..	..	..	..	..	.	..
GHAGHARA CATCHMENT																												
SALLYANA	23.7	..	26.0	03	13.9	..	10.9	07	7.5	42.4	..	31.4	04	2	..	..	..	..	0	3	..	..	..	..	..	.	..
BUTWAL	30.1	..	32.9	03	20.7	..	18.9	24	119.0	203.8	..	74.8	05	6	..	..	..	..	0	7	..	..	..	..	..	.	..
BAGHMATI CATCHMENT																												
KATMANDU	SEE UNDER NEPAL				..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..
KOSI CATCHMENT																												
CHAUTARA	..	..	..	..	13.5	..	11.2	21	50.4	158.9	..	65.0	05	5	..	..	..	..	0	5	..	..	..	..	..	.	..
WALUNGCHUNG GOLA	..	..	..	..	2.4	..	0.4	31	109.3	317.1	..	158.6	05	6	..	..	..	..	0	7	..	..	..	..	..	.	..
TAPLETHOK	25.7	..	28.2	01	12.9	..	11.2	29	53.0	243.9	..	122.7	05	5	..	..	..	..	0	5	..	..	..	..	..	.	..
BHOJPUR	20.9	..	23.9	03	13.6	..	11.9	30	83.0	257.0	..	139.8	05	5	..	..	..	..	0	5	..	..	..	..	..	.	..
TAPLEJUNG	20.8	..	23.7	25	11.4	..	9.5	29	98.6	268.0	..	134.2	05	5	..	6.5	4.5	..	1	9	0	0	2	2	0	0	0
OKHALDHUNGA	22.0	..	25.8	03	11.9	..	9.0	31	92.3	203.5	..	96.4	05	5	..	1.1	0.6	..	0	7	0	0	3	5	0	0	0
CHAINPUR	24.4	..	27.4	01	15.5	..	14.1	05	96.8	247.7	..	111.4	05	5	..	..	..	..	0	6	..	..	..	..	..	.	..
BARAHAKSHETRA	29.1	..	31.2	02	19.4	..	16.8	28	160.6	431.7	..	181.0	05	6	..	6.3	5.4	..	0	7	0	0	7	0	0	0	0
TISTA CATCHMENT																												
GANGTOK	22.4	..	25.3	24	10.6	..	9.2	17	121.9	403.0	..	178.2	05	8	..	6.5	6.2	..	0	10	0	0	3	3	0	0	0
GEZING	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of lowest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 0 or Calm	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BAY ISLANDS																											
MAYA BANDAR	0830	28	1012.2	1009.1	+0.9	27.9	25.6	24.6	30.9	82	- 1	5.0	-0.2	6.2	0	4	15	00	9	1	4	0	5	0	0	12	0
	1730	28	1009.1	1005.9	+0.3	26.6	24.9	24.1	30.0	87	+ 1	5.4	+0.3	5.4	0	1	21	00	4	3	5	0	10	0	0	9	0
LONG ISLAND	0830	25	1012.1	1009.2	+0.9	28.0	25.9	25.1	31.9	84	+ 0	5.0	-0.9	1.2	0	0	18	00	6	0	6	0	6	0	0	13	0
	1730	25	1009.7	1006.9	+1.2	26.6	24.7	23.9	29.7	84	- 5	4.9	-0.6	0.8	0	0	13	00	3	0	3	1	6	0	0	18	0
PORT BLAIR	0530	79	1010.5	1001.5	..	24.6	23.7	23.2	28.4	92	..	4.7	..	4.7	0	1	17	00	0	10	1	2	2	3	0	13	0
	0830	79	1012.1	1003.3	+1.0	28.3	25.4	24.1	30.0	79	- 2	4.9	-1.8	8.3	0	3	22	00	3	10	3	4	5	0	0	6	0
	1130	79	1010.3	1001.5	..	29.4	25.9	24.3	30.4	75	..	5.3	..	10.9	0	4	27	00	4	10	6	4	2	2	3	0	0
	1430	79	1008.5	999.6	..	28.0	25.0	23.7	29.3	78	..	5.7	..	9.5	0	2	26	01	6	5	5	4	1	5	1	3	0
	1730	79	1009.5	1000.5	+0.9	26.1	24.3	23.5	28.9	85	- 4	4.6	-1.7	4.6	0	1	20	01	3	4	1	1	6	4	1	10	0
	2030	79	1011.5	1002.5	..	25.6	24.2	23.6	29.1	88	..	2.5	..	3.5	0	0	16	00	4	4	3	2	1	1	1	15	0
	2330	79	1010.8	1001.8	..	25.1	24.1	23.6	29.1	91	..	3.0	..	4.6	0	1	16	01	1	5	2	3	3	2	0	14	0
CAR NICOBAR	0830	10	1011.5	1010.3	+0.5	28.2	25.4	24.9	30.2	79	- 3	5.7	-0.3	2.0	0	0	20	00	3	5	4	1	6	1	0	11	0
	1730	10	1008.7	1007.6	+0.2	26.0	24.8	24.3	30.4	90	+ 1	6.6	+1.1	0.3	0	0	3	00	0	2	0	0	1	0	0	28	0
NAN COWRY	0830	26	1012.4	1009.5	+0.8	27.5	25.9	25.2	32.1	88	+ 4	4.8	-1.2	3.7	0	0	23	00	0	1	4	2	10	2	4	8	0
	1730	26	1009.6	1006.7	+0.6	26.5	25.4	24.9	31.5	91	+ 4	4.6	-1.1	1.4	0	0	12	00	1	0	0	2	5	2	2	19	0
KONDUL	0830	8	1012.7	1011.8	+1.1	27.6	25.5	24.5	30.7	84	- 1	6.4	+0.1	1.2	0	0	5	00	2	0	0	0	3	0	0	26	0
	1730	8	1010.5	1009.6	+1.6	26.3	24.9	24.3	30.4	89	- 1	5.9	-0.4	0.6	0	0	3	00	1	0	0	0	2	0	0	28	0
NORTH ASSAM (INCLUDING NEFA)																											
PASIGHAT	0830	157	1013.8	995.9	+0.9	23.6	20.2	18.2	20.9	72	- 4	3.7	-1.7	10.2	0	6	22	02	0	0	1	1	0	0	24	3	0
	1730	157	1009.5	991.6	+0.3	23.5	22.0	21.3	25.3	87	+ 2	3.2	-1.2	1.9	0	0	18	06	0	0	0	0	0	1	11	13	0
DIBRUGARH (MOHANBARI)	0230	111	1011.1	998.3	..	21.4	20.7	20.3	23.8	93	..	3.8	..	0.9	0	0	5	00	5	0	0	0	0	0	0	26	0
	0530	111	1012.0	999.2	..	20.0	19.5	19.2	22.2	95	..	4.6	..	0.7	0	0	4	00	3	1	0	0	0	0	0	27	0
	0830	111	1013.9	1001.2	+1.3	24.3	21.8	20.5	24.1	80	- 2	4.3	-1.1	3.3	0	0	21	00	16	5	0	0	0	0	0	10	0
	1130	111	1011.9	999.4	..	27.5	22.9	20.5	24.1	66	..	4.5	..	4.8	0	0	25	01	15	6	1	1	0	0	1	6	0
	1430	111	1009.0	996.6	..	28.6	23.3	20.6	24.3	63	..	4.1	..	3.0	0	0	19	04	6	5	2	0	1	0	1	12	0
	1730	111	1009.4	996.8	+0.8	25.5	23.3	22.2	26.7	82	- 3	3.7	-0.8	0.3	0	0	2	00	1	1	0	0	0	0	0	29	0
	2030	111	1011.4	998.7	..	22.7	21.7	21.2	25.2	91	..	3.3	..	0.3	0	0	2	01	1	0	0	0	0	0	0	29	0
	2330	111	1011.6	998.8	..	21.6	20.8	20.3	24.0	92	..	3.9	..	0.8	0	0	5	00	3	1	0	0	0	0	1	26	0
DIGBOI	0830	152	1014.3	996.8	+1.1	24.5	22.6	21.7	25.9	84	- 2	3.1	-3.0	2.4	0	0	31	04	8	7	2	1	2	6	1	0	0
	1730	152	1009.7	992.5	+0.4	26.5	24.3	23.3	28.6	83	+ 4	1.6	-4.0	0.7	0	0	11	02	1	4	1	0	1	2	0	20	0
NORTH LAKHIMPUR	0830	102	1013.7	1002.0	+0.9	25.7	22.4	20.6	24.3	75	- 8	3.8	-1.4	2.6	0	0	20	04	4	1	6	3	0	1	1	11	0
	1130	102	1012.2	1000.7	..	28.3	23.4	20.9	24.7	65	..	3.9	..	4.8	0	0	31	03	8	7	8	4	1	0	0	0	0
	1430	102	1009.6	998.1	..	29.3	23.8	21.0	24.9	62	..	3.8	..	4.0	0	0	26	03	3	2	6	9	3	0	0	5	0
	1730	102	1009.6	998.1	+0.9	25.6	23.6	22.6	27.4	84	- 3	3.2	-1.2	0.5	0	0	5	01	2	0	0	0	1	1	0	26	0
	2030	102	1011.4	999.7	..	22.6	21.7	21.2	25.2	92	..	2.8	..	0.1	0	0	1	00	0	0	0	0	0	0	1	30	0
SIBSAGAR	0830	97	(R)																								
	1730	97	(R)																								
GOHPUR	0830	83	1013.5	1004.1	..	24.5	22.9	22.1	26.6	85	- 1	3.9	..	0.9	0	0	13	00	0	5	0	0	0	4	0	18	4
	1730	83	1008.8	999.5	..	26.0	23.8	22.8	27.7	83	+ 1	3.1	..	0.5	0	0	7	00	0	2	0	0	0	2	0	24	3
MAJBAT	0830	120	1013.5	999.7	+1.1	25.4	22.5	21.0	24.9	77	..	2.1	-2.4	0.1	0	0	2	00	2	0	0	0	0	0	0	29	0
	1730	120	1009.6	996.3	+1.5	27.0	24.5	23.4	28.4	81	..	2.3	-1.4	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
JORHAT AEROBRONE	0530	90	1011.9	1001.6	..	21.3	21.2	21.1	25.0	99	..	4.7	..	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
	0830	90	1013.6	1003.4	..	25.1	23.4	22.6	27.4	86	..	4.8	..	3.0	0	0	12	04	6	0	0	0	1	0	1	19	0
	1130	90	1011.5	1001.3	..	28.2	24.4	22.6	27.4	73	..	5.0	..	7.3	0	1	24	06	16	0	0	0	0	1	2	6	0
	1730	90	1009.1	998.9	..	25.8	23.9	23.1	28.3	85	..	3.6	..	0.9	0	0	3	01	2	0	0	0	0	0	0	28	0
	2330	90	1011.2	1001.0	..	22.9	22.1	21.7	25.9	92	..	3.7	..	0.1	0	0	1	00	0	0	0	0	0	0	1	30	0
TAMBLA	0830	78	1011.3	1003.9	+0.8	25.7	22.3	20.5	24.1	73	- 6	2.4	-1.3	1.0	0	0	9	00	0	6	0	1	0	1	1	22	0
	1730	78	1006.6	999.0	+0.1	27.4	24.6	23.3	28.6	79	- 3	1.9	-0.7	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
TEZPUR	0830	79	1013.8	1004.8	+0.7	24.2	22.2	21.2	25.2	84	- 3	3.8	-0.2	4.3	0	0	27	02	20	1	0	0	4	0	0	4	0
	1730	79	1008.4	999.5	+0.3	26.6	24.2	23.1	28.3	82	+ 2	2.1	-0.7	1.6	0	0	16	01	10	0	1	0	2	0	1	15	1
GOLAGHAT	0830	95	1012.6	1001.8	+0.5	24.9	22.6	21.5	25.6	82	- 2	3.2	-2.5	2.7	0	0	21	04	6	1	2	0	1	2	5	3	0
	1730	95	1008.6	997.9	+0.5	28.6	24.1	21.9	26.3	68	-12	3.0	-2.2	1.9	0	0	16	01	7	0	2	0	1	1	4	5	0
RANGIA	0830	60	1014.2	1007.4	..	26.6	23.3	21.7	25.9	76	- 2	3.1	..	6.0	0	0	27	00	7	17	1	0	0	1	1	1	0
	1730	60	1010.3	1003.5	..	27.0	24.3	23.1	28.3	79	+ 3	2.0	..	0.3	0	0	4	00	1	1	0	1	0	1	0	24	0
CHAPARMUKH	0830	66	1013.6	1006.1	+0.9	26.0	23.9	23.0	28.1	83	+ 3	4.0	-0.4	2.7	0	0	30	00	5	6	14	1	2	1	1	0	0
	1730	66	1009.3	1001.8	+0.7	27.2	24.6	23.4	28.8	81	+ 2	2.5	-1.2	0.3	0	0	2	00	0	0	0	0	2	0	0	24	0
GOALPARA	0830	38	1012.9	1008.6	+1.3	25.0	23.0	22.0	26.4	84	+ 2	2.8	-1.0	2.1	0	0	30	04	9	14	0	2	0	1	0	1	0
	1730	38	1008.6	1004.4	+1.0	28.5	27.2	26.7	35.0	89	+12	1.6	-1.2	0.9	0	0	14	00	1	9	0	0	0	4	0	17	0
GAUHATI (BHORJOR)	0230	54	1010.5	1004.3	..	22.1	21.8	21.7	25.9	97	..	2.8	..	0.6	0	0	3	00	1	0	0	0	1	1	0	28	0
	0530	54	1011.5	1005.2	..	21.8	21.4	21.2	25.2	97	..	4.1	..	0.8	0	0	4	00	0	1	0	2	0	1	0	27	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lt. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
NORTH ASSAM (INCLUDING NEFA) (CONTD)																											
GAUHATI (BHORJOR)	0830	54	1013.4	1007.2	+1.2	25.6	23.5	22.5	27.3	83	+ 0	4.2	-0.3	3.4	0	0	16	01	10	0	0	3	1	0	1	15	0
	1130	54	1011.5	1005.4	..	28.2	24.6	22.9	27.9	74	..	3.9	..	7.1	0	0	27	12	11	0	0	0	2	0	2	4	0
	1430	54	1008.6	1002.5	..	29.2	24.3	21.9	26.3	66	..	3.9	..	6.8	0	0	27	08	14	0	0	0	0	2	3	4	0
	1730	54	1008.9	1002.8	+0.7	26.5	24.0	22.9	27.9	79	- 6	3.7	-0.5	1.0	0	0	7	02	1	1	1	0	0	2	0	24	0
	2030	54	1011.2	1005.0	..	24.1	23.3	22.9	27.9	93	..	3.1	..	2.2	0	0	10	01	1	0	0	4	2	2	0	21	0
	2330	54	1011.3	1005.1	..	22.9	22.3	22.0	26.4	95	..	3.2	..	2.5	0	0	10	01	1	1	0	3	3	0	1	21	0
DHUBRI (RUPSI)	0530	45	1011.2	1005.9	..	20.8	20.2	19.9	23.2	94	..	4.3	..	5.7	0	1	20	02	16	2	0	1	0	0	0	10	0
	0830	45	1012.9	1007.8	+1.6	25.4	22.8	21.5	25.6	80	- 1	4.0	+0.4	6.5	0	0	30	00	18	7	4	0	1	0	0	1	0
	1130	45	1011.3	1006.2	..	27.9	23.9	22.0	26.4	71	..	4.2	..	7.0	0	0	30	00	10	11	3	4	2	0	0	1	0
	1730	45	1008.7	1003.6	+1.1	26.3	24.1	23.1	28.3	83	- 2	3.2	+0.2	1.4	0	0	9	00	4	2	1	0	2	0	0	22	0
DHUBRI	0830	35	..	..	..	24.8	22.8	21.8	26.1	84	+ 1	3.3	-0.1	7.1	0	0	27	00	22	5	0	0	0	0	0	4	0
	1730	35	..	..	..	26.3	23.7	22.5	27.3	80	+ 3	1.9	-1.1	0.9	0	0	5	00	3	1	0	0	1	0	0	26	0
LUMDING	0830	149	1013.8	996.8	..	24.1	22.6	21.9	26.3	87	+ 3	3.0	..	0.3	0	0	4	01	0	3	0	0	0	0	0	27	0
	1730	149	1009.1	992.4	..	27.9	24.4	22.7	27.6	74	..	3.3	..	0.2	0	0	2	00	0	1	0	0	0	1	0	29	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																											
TURA	0830	370	1013.9	972.0	+1.2	22.9	20.9	19.8	23.1	82	- 4	4.1	+0.0	2.6	0	0	23	01	2	15	2	0	2	1	0	8	0
	1730	370	1009.5	968.2	+0.5	26.0	23.3	22.0	26.4	79	- 4	5.0	+0.1	1.5	0	0	16	01	1	0	2	1	4	7	0	15	0
HAFLONG	0830	682	1010.4	935.1	-1.2	22.3	20.7	19.9	23.2	87	+ 2	5.5	+0.8	2.1	0	0	31	00	0	0	0	9	22	0	0	0	0
	1730	682	1006.3	931.5	-1.1	24.0	21.3	19.9	23.2	79	- 3	4.0	-0.1	2.1	0	0	31	00	0	0	0	3	28	0	0	0	0
SILCHAR (KUMBHIRGRAM)	0530	97	1009.8	998.7	..	21.9	21.0	20.5	24.1	92	..	4.9	..	7.9	0	0	25	00	5	20	0	0	0	0	0	6	0
	0830	97	1011.5	1000.5	+0.7	26.2	23.0	21.4	25.5	75	- 7	3.8	-0.7	9.0	0	0	30	00	3	24	3	0	0	0	0	1	0
	1130	97	1009.4	998.6	..	29.4	24.2	21.7	25.9	65	..	4.0	..	7.2	0	0	27	01	2	13	4	1	1	4	1	4	0
	1730	97	1007.2	996.4	+0.4	27.4	24.4	23.0	28.1	77	- 4	4.0	+0.6	3.3	0	0	18	00	3	1	1	1	2	9	1	13	0
SILCHAR	0830	29	1012.7	1009.3	+0.4	26.7	24.0	22.7	27.6	79	- 4	3.7	-0.7	0.3	0	0	5	00	0	2	2	0	1	0	0	26	0
	1730	29	1008.4	1005.1	+0.2	28.4	25.2	23.8	29.5	76	- 4	3.5	+0.2	0.1	0	0	2	00	1	0	0	0	0	1	0	29	0
IMPHAL (TULIHAL)	0530	781	1013.7	926.3	..	18.0	17.6	17.4	19.9	96	..	5.8	..	0.1	0	0	1	01	0	0	0	0	0	0	0	30	0
	0830	781	1014.3	928.0	+1.1	22.3	19.9	18.6	21.4	80	+ 0	5.5	+0.2	0.6	0	0	3	00	0	0	1	1	1	0	0	28	0
	1130	781	1011.2	926.2	..	26.1	21.0	18.0	20.6	63	..	4.9	..	4.7	0	0	14	00	0	1	1	7	1	3	1	17	0
	1430	781	1007.9	923.6	..	27.5	21.2	17.6	20.1	57	..	4.3	..	5.9	0	1	15	00	0	0	1	5	3	4	3	15	0
	1730	781	1009.7	924.1	+2.7	23.2	20.3	18.8	21.7	76	- 1	4.5	+0.5	4.5	0	0	14	00	0	0	1	3	1	2	7	17	0
	2030	781	1012.8	926.2	..	20.4	19.3	18.7	21.6	90	..	3.6	..	1.7	0	0	5	00	2	0	0	1	0	1	1	26	0
	2330	781	1013.3	926.4	..	19.1	18.4	18.1	20.8	94	..	4.3	..	0.8	0	0	4	00	1	0	0	1	0	1	1	27	0
KAILASHAHAR	0530	29	1011.8	1008.5	..	22.8	22.4	22.2	26.7	98	..	4.1	..	2.1	0	0	15	00	1	1	2	6	1	4	0	16	0
	0830	29	1013.4	1010.1	+1.2	27.0	24.8	23.8	29.5	82	- 3	4.1	-0.8	3.4	0	0	22	01	5	5	5	4	2	0	0	9	0
	1130	29	1011.8	1008.6	..	29.9	25.5	23.5	28.9	69	..	4.6	..	5.3	0	0	29	02	6	2	8	7	1	2	1	2	0
	1730	29	1009.5	1006.3	+0.9	27.2	25.1	24.3	30.2	84	- 1	4.1	-0.3	2.8	0	0	18	03	1	1	0	4	3	1	5	13	0
AGARTALA	0230	16	1009.3	1007.5	..	22.8	22.2	21.9	26.3	95	..	2.8	..	2.4	0	0	12	01	1	2	6	1	0	0	1	19	0
	0530	16	1010.1	1008.3	..	22.5	22.0	21.7	25.9	95	..	4.3	..	3.7	0	0	13	00	2	2	7	1	1	0	0	18	0
	0830	16	1011.7	1009.9	+0.7	27.6	24.9	23.6	29.1	79	- 2	4.5	-0.1	7.6	0	0	26	04	8	3	7	4	0	0	0	5	0
	1130	16	1010.2	1008.4	..	30.0	25.1	22.9	27.9	65	..	5.0	..	9.8	0	0	29	05	4	4	2	5	2	1	6	2	0
	1430	16	1007.8	1006.0	..	29.8	25.0	22.8	27.7	66	..	4.8	..	11.3	0	1	28	04	1	0	1	4	6	3	10	2	0
	1730	16	1008.4	1006.6	+0.7	26.9	24.4	23.3	28.6	80	- 2	4.7	+0.4	4.7	0	0	22	05	0	2	2	6	2	1	4	9	0
	2030	16	1010.3	1008.5	..	24.5	23.3	22.7	27.6	90	..	3.8	..	4.0	0	0	15	02	0	3	4	3	0	1	2	16	0
	2330	16	1010.1	1008.3	..	23.5	22.6	22.1	26.6	92	..	3.2	..	2.6	0	0	11	00	0	1	6	2	1	0	1	20	0
SUB-HIMALAYAN WEST BENGAL																											
BAGHDOGRA	0230	131	1010.6	995.4	..	20.4	19.7	19.4	22.5	93	..	2.5	..	3.6	0	1	10	00	2	8	0	0	0	0	1	20	0
	0530	131	1011.2	995.9	..	18.1	17.4	16.9	19.3	93	..	2.5	..	4.1	0	0	13	06	3	3	0	0	0	0	1	18	0
	0830	131	1012.9	998.0	+1.4	25.8	22.1	20.1	23.5	72	- 5	2.8	-0.9	5.0	0	1	14	00	8	5	0	1	0	0	1	16	0
	1130	131	1011.5	996.8	..	29.5	24.0	21.3	25.3	63	..	3.2	..	10.0	0	1	27	01	1	16	5	2	3	0	0	3	0
	1430	131	1008.9	994.2	..	29.3	23.6	20.7	24.4	61	..	3.5	..	10.1	0	1	28	00	2	4	5	10	7	0	1	2	0
	1730	131	1009.1	994.2	+1.1	25.0	22.5	21.3	25.3	80	- 3	3.1	-0.4	4.4	0	1	14	00	2	2	1	4	3	3	0	16	0
	2030	131	1011.1	996.1	..	23.2	21.8	21.1	25.0	87	..	2.9	..	6.0	0	1	17	01	3	8	0	0	3	1	2	13	0
	2330	131	1011.4	996.3	..	21.7	20.7	20.2	23.7	91	..	2.7	..	5.8	0	0	17	01	5	7	0	0	2	1	1	14	0
JALPAIGURI	0830		(R)																								
	1730		(R)																								
COOCH BEHAR AERODROME	0830	43	1013.5	1008.6	+1.9	24.8	21.9	20.3	23.8	77	- 1	3.0	-0.7	7.0	0	1	24	01	5	19	0	0	0	0	0	6	0
	1130	43	1012.0	1007.2	..	28.1	23.7	21.5	25.6	68	..	3.5	..	8.8	0	2	25	00	2	17	1	0	0	1	0	4	6
	1730	43	1009.5	1004.7	+1.4	26.2	23.6	22.3	26.9	80	+ 0	3.0	-0.2	1.0	0	0	2	00	0	2	0	0	0	0	0	29	0
BALURGHAT	0830	26	1012.2	1009.3	..	27.0	23.6	21.9	26.3	74	..	2.9	..	3.1	0	0	18	09	3	5	0	1	0	0	0	8	0
	1730	26	1008.5	1005.6	..	27.9	24.8	23.3	28.6	77	..	2.8	..	1.2	0	0	7	03	0	3	0	0	1	0	0	20	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — [illegible]

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or I.S. in gen. of normal standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry bulb	Mean temperature in °C Wet bulb	Mean temperature in °C Dew point	Vapour pressure in mb.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind speed (Km. p. h.) 42 or more	20 to 41	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SUB HIMALAYAN WEST BENGAL(CONTD.)																											
MALDA	0830	31	1012.7	1009.1	+1.1	26.7	23.7	22.2	26.7	76	+ 1	2.7	-0.4	1.2	0	0	15	05	1	2	1	2	1	0	3	16	0
	1730	31	1008.9	1005.3	+0.7	27.6	23.7	21.8	26.1	71	- 2	2.8	-0.2	0.9	0	0	10	04	0	2	1	1	0	0	1	21	1
GANGETIC WEST BENGAL																											
BERHAMPORE	0830	19	1012.4	1010.2	+1.0	26.6	24.0	22.8	27.7	80	+ 4	2.8	-0.5	3.0	0	0	22	04	0	7	0	6	1	4	0	9	0
	1730	19	1008.9	1006.8	+1.0	27.0	24.0	22.6	27.4	76	+ 3	3.0	-0.9	1.4	0	0	10	02	0	4	1	3	0	0	0	21	0
SURI	0830		..	..	..	27.8	23.3	21.1	25.0	68	- 8	2.2	-1.5	3.9	0	0	31	13	1	1	2	9	0	5	0	0	0
ASANSOL	0230	126	1010.0	995.5	..	22.0	20.9	20.3	23.8	90	..	2.2	..	1.4	0	0	5	00	0	2	1	1	0	0	1	26	0
	0530	126	1010.6	996.1	..	21.3	20.5	20.1	23.5	92	..	3.0	..	1.4	0	0	7	00	0	3	0	1	0	0	3	24	0
	0830	126	1012.2	997.9	+0.9	26.6	23.3	21.7	25.9	75	- 2	3.0	-0.3	3.5	0	0	21	04	2	2	3	2	0	0	8	10	0
	1130	126	1011.0	996.9	..	30.2	23.9	20.7	24.4	58	..	3.3	..	3.8	0	0	25	04	7	2	2	3	0	2	5	6	0
	1430	126	1008.4	994.3	..	30.8	24.2	20.9	24.7	57	..	3.8	..	3.7	0	0	23	05	7	5	2	2	1	0	1	8	0
	1730	126	1008.7	994.5	+1.4	27.2	24.0	22.5	27.3	75	+ 6	3.3	-0.6	1.3	0	0	6	00	0	2	3	1	0	0	0	25	0
	2030	126	1010.8	996.4	..	23.8	22.1	21.3	25.3	86	..	2.8	..	1.8	0	0	9	00	0	2	3	3	1	0	0	22	0
	2330	126	1011.0	996.5	..	22.7	21.4	20.7	24.4	89	..	2.6	..	2.3	0	0	10	01	0	1	1	4	1	0	2	21	0
SHANTI NIKETAN	0830	59	1012.7	1005.9	..	26.0	23.3	21.9	26.3	79	..	3.5	..	3.0	0	0	14	08	1	0	4	0	0	0	1	17	0
	1130	59	1012.2	1005.6	..	28.5	21.6	17.7	20.2	53	..	3.2	..	1.9	0	0	11	06	1	0	3	1	0	0	0	20	0
	1730	59	1009.1	1002.5	..	27.1	23.8	22.3	26.9	75	..	3.2	..	1.3	0	0	8	01	2	3	1	1	0	0	0	23	0
KRISHNANAGAR	0830	15	1012.1	1010.5	+0.8	27.6	24.3	22.7	27.6	75	- 2	2.2	-1.1	1.5	0	0	14	05	2	0	3	4	0	0	0	17	0
	1730	15	1009.8	1008.2	+1.8	27.4	23.9	22.3	26.9	73	- 3	3.0	-0.8	0.6	0	0	7	00	0	1	5	1	0	0	0	24	0
PURULIA	0830	255	1012.5	983.8	+1.2	25.0	21.9	20.3	23.8	75	+ 1	3.6	+0.5	3.0	0	0	20	02	3	1	3	0	0	0	11	11	0
	1730	255	1008.9	980.5	+1.2	27.6	22.9	20.5	24.1	65	- 2	3.8	-0.2	1.9	0	0	17	04	3	3	7	0	0	0	0	14	0
BANKURA	0830	100	1011.2	1009.8	..	26.3	23.4	21.9	26.3	77	..	2.2	..	0.6	0	0	6	02	1	2	0	0	1	0	0	25	0
	1730	100	1008.7	997.5	..	28.0	25.0	23.7	29.3	78	..	2.4	..	0.3	0	0	3	00	0	1	0	0	0	0	0	28	2
BURDWAN	0830	32	1012.7	1009.1	+1.6	27.5	24.3	22.8	27.7	75	- 3	2.0	-0.9	4.0	0	0	31	08	5	4	0	4	4	2	4	0	0
	1730	32	1009.1	1005.5	+1.3	28.8	24.3	22.1	26.6	68	- 5	2.2	-1.0	2.7	0	0	22	02	0	6	1	4	4	3	2	9	0
CALCUTTA (DUM DUM)	0230	6	1009.4	1008.7	..	24.0	23.2	22.8	27.7	93	..	3.3	..	3.2	0	1	9	01	1	2	4	0	1	0	1	21	0
	0530	6	1010.1	1009.4	..	23.5	22.9	22.6	27.4	95	..	4.5	..	3.1	0	1	8	02	0	3	1	2	1	0	0	22	0
	0830	6	1012.0	1011.3	+0.8	26.9	24.1	22.8	27.7	78	+ 1	3.9	+0.2	5.5	0	0	19	05	5	3	2	2	1	0	1	12	0
	1130	6	1010.8	1010.1	..	29.3	24.4	22.1	26.6	66	..	4.8	..	8.6	0	1	27	06	7	4	2	6	1	0	2	3	0
	1430	6	1008.4	1007.7	..	29.3	24.1	21.6	25.8	65	..	4.8	..	8.1	0	1	27	09	3	6	2	4	2	1	1	3	0
	1730	6	1008.9	1008.2	+0.9	27.2	24.3	22.9	27.9	78	+ 1	4.5	+0.1	4.6	0	1	13	01	0	4	1	6	1	0	1	17	0
	2030	6	1010.7	1010.0	..	25.2	23.8	23.1	28.3	88	..	3.6	..	4.3	0	2	10	00	1	2	2	6	1	0	0	19	0
	2330	6	1010.5	1009.8	..	24.4	23.4	22.9	27.9	92	..	3.7	..	2.7	0	0	8	00	0	2	2	1	1	1	1	23	0
CALCUTTA	0830	6	1012.0	1011.3	+0.8	28.5	24.3	22.3	26.9	69	-11	3.9	+0.4	5.8	0	1	24	03	9	4	1	3	2	0	3	6	0
	1130	6	1010.8	1010.1	..	30.0	24.3	21.5	25.6	62	..	4.9	..	7.8	0	1	28	03	7	4	5	3	1	1	5	2	0
	1730	6	1008.9	1008.2	+1.0	27.4	23.6	21.7	25.9	72	- 5	4.5	+0.3	5.8	0	1	23	02	1	3	5	4	0	0	9	7	0
MIDNAPORE	0830	45	1011.6	1006.4	+0.3	26.8	23.7	22.2	26.7	76	- 2	2.8	-0.5	2.3	0	0	24	07	8	0	1	3	4	0	1	7	0
	1730	45	1008.5	1003.4	+0.8	27.4	24.0	22.4	27.1	75	+ 1	3.3	-0.6	1.8	0	0	19	01	6	0	6	5	1	0	0	12	0
CONTAI	0830	11	1011.7	1010.5	+1.4	27.7	24.6	23.1	28.4	77	- 4	3.9	+0.5	5.3	0	1	28	08	8	0	6	2	2	0	3	2	0
	1730	11	1008.6	1007.4	+1.0	27.0	24.5	23.3	28.6	81	- 1	4.5	+1.2	6.2	0	3	13	02	2	3	6	3	0	0	0	15	0
SAGAR ISLAND	0830	3	1011.2	1010.9	+0.6	27.1	24.8	24.1	30.0	82	+ 4	4.5	+0.1	13.3	0	14	16	09	9	2	2	2	2	0	4	1	0
	1730	3	1008.4	1008.1	+0.8	27.2	24.4	23.1	28.3	79	+ 0	4.6	+0.0	12.5	0	4	24	07	2	3	4	3	1	1	7	3	0
SANDHEADS	0530	10	1009.8	1008.7	..	27.4	24.1	22.5	27.3	75	..	4.9	..	17.3	1	10	16	06	11	1	2	3	4	0	0	4	0
	0830	10	1011.6	1010.5	+0.8	29.0	24.9	23.1	28.3	71	- 3	4.7	+0.7	17.5	0	9	21	04	14	2	2	2	5	0	1	1	0
	1130	10	1010.7	1009.6	..	29.3	24.6	22.3	26.9	67	..	4.5	..	17.8	1	8	20	05	10	1	6	2	4	0	1	2	0
	1730	10	1008.7	1007.6	+0.7	28.0	24.3	22.5	27.3	73	- 1	5.4	+1.4	18.6	1	12	15	07	6	1	7	5	2	0	0	3	0
	2330	10	1010.4	1009.3	..	27.9	24.4	22.7	27.6	74	..	2.2	..	12.7	0	6	22	04	8	1	6	4	4	0	1	3	0
ORISSA																											
BARIPADA	0830	54	1012.8	1006.6	+1.3	25.6	22.7	21.3	25.3	77	+ 0	3.4	-0.5	2.9	0	0	21	08	8	1	0	0	1	0	1	10	2
	1730	54	1009.7	1003.6	+1.4	26.6	23.8	22.5	27.3	79	+ 1	4.2	-0.2	0.6	0	0	5	00	1	0	1	2	1	0	0	26	0
JHARSUGUDA	0230	230	1009.4	983.2	..	22.8	21.5	20.9	24.7	89	..	3.6	..	4.4	0	1	19	03	9	4	3	0	0	1	0	11	0
	0530	230	1010.0	983.7	..	21.7	20.7	20.3	23.8	91	..	4.1	..	5.7	0	0	25	04	16	3	0	1	1	0	0	6	0
	0830	230	1011.6	985.6	+0.8	25.3	22.1	20.4	24.0	74	- 4	3.7	-0.5	7.7	0	1	28	03	17	6	0	1	1	1	0	2	0
	1130	230	1010.3	984.7	..	29.3	23.1	19.9	23.2	58	..	3.9	..	9.9	0	0	31	03	9	7	2	1	4	4	1	0	0
	1430	230	1007.4	982.0	..	30.6	23.0	18.9	21.8	51	..	3.6	..	9.0	0	2	29	04	11	7	2	0	0	3	4	0	0
	1730	230	1007.8	982.2	+0.6	28.9	23.0	20.1	23.5	62	- 7	3.5	-1.0	3.5	0	0	14	01	4	6	2	0	1	0	0	17	0
	2030	230	1010.0	984.0	..	25.4	22.3	20.7	24.4	76	..	3.1	..	4.2	0	0	22	00	1	4	5	9	1	0	2	9	0
	2330	230	1010.3	984.2	..	23.5	21.9	21.0	24.9	86	..	2.7	..	4.0	0	1	21	04	12	1	2	3	0	0	0	9	0
KEONJHARGARH	0830	463	1011.9	960.1	+0.1	23.4	20.7	19.3	22.4	78	+ 2	3.1	-0.7	1.1	0	0	18	07	1	1	0	3	0	3	3	13	0
	1730	463	1008.6	957.5	+0.4	25.7	21.6	19.5	22.7	70	- 1	3.7	-1.3	1.1	0	0	17	02	3	8	2	1	0	1	0	14	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lst. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind speed (Km. p. h.)			Wind direction									
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
ORISSA (CONTD.)																											
BALASORE	0830	20	1011.8	1009.7	+1.0	26.7	23.6	22.1	26.6	76	- 2	3.7	-0.8	7.7	0	1	27	13	5	0	2	3	3	0	2	3	0
	1730	20	1008.7	1006.5	+0.9	27.2	24.4	23.1	28.3	80	+ 1	4.3	-0.9	3.5	0	1	9	01	2	0	0	5	2	0	0	21	0
SAMBALPUR	0830	148	1010.8	994.1	-0.5	26.5	24.4	23.5	28.9	83	+ 5	3.2	-0.4	2.3	0	0	12	05	3	1	1	0	2	0	0	19	0
	1730	148	1007.9	991.3	+0.3	27.9	24.8	23.3	28.6	75	+ 8	3.2	-1.0	0.6	0	0	7	00	2	1	1	0	1	0	2	24	0
ANGUL	0830	139	1011.4	995.7	+0.1	25.7	23.3	22.1	26.6	81	+ 0	4.9	+0.4	..	.	..	..	..	..	..	..	..	..	..	..	..	.
	1730	139	1008.2	992.6	+0.4	27.7	23.9	22.1	26.6	72	+ 5	5.2	+0.3	..	.	..	..	..	..	..	..	..	..	..	..	..	.
CHANDBALI	0830	6	1015.1	1011.2	+0.9	27.6	24.6	23.2	28.4	78	- 4	4.0	+0.3	5.6	0	2	25	05	2	4	2	2	1	3	8	4	0
	1730	6	1008.5	1007.8	+0.5	27.7	24.5	23.0	28.1	76	- 3	3.9	-0.3	3.7	0	2	12	00	4	2	5	2	0	1	0	17	0
BOLANGIR	0830	190	1011.1	989.3	+0.4	25.9	23.9	23.0	28.1	84	+ 6	4.2	-0.3	3.1	0	0	27	13	5	1	0	6	1	0	1	4	0
	1730	190	1007.6	986.3	+0.4	27.9	25.4	24.3	30.4	82	+14	4.5	-0.4	3.4	0	0	28	13	7	4	0	1	2	0	1	3	0
PHULBANI	0830	464	1011.3	959.7	..	24.2	21.8	20.7	24.4	81	..	2.6	..	0.4	0	0	5	02	0	2	1	0	0	0	0	26	0
	1730	464	1007.5	956.4	..	26.0	22.4	20.7	24.4	73	..	2.3	..	0.0	0	0	4	00	0	3	0	0	0	0	1	27	0
CUTTACK	0830	27	1011.9	1008.8	+0.8	26.6	24.1	22.9	27.9	80	+ 1	3.2	-0.6	3.7	0	1	18	04	3	4	0	2	1	4	1	12	0
	1730	27	1008.6	1005.5	+0.8	28.6	24.7	22.9	27.9	72	+ 0	3.7	-1.1	4.3	0	1	15	00	3	7	1	3	2	0	0	15	0
TITLAGARH	0830	211	1010.6	986.7	+0.3	25.0	23.4	22.6	27.4	86	+ 7	4.6	+1.3	2.0	0	0	31	00	10	0	8	0	10	0	3	0	0
	1730	211	1006.3	982.7	-0.4	28.3	24.5	22.7	27.6	72	+ 3	4.3	+0.2	2.0	0	0	31	00	20	0	0	0	8	0	3	0	0
BHUBANESWAR	0230	46	1009.0	1003.8	..	23.9	23.3	23.0	28.1	95	..	3.7	..	9.2	0	4	17	06	6	1	1	5	0	0	2	10	0
	0530	46	1009.4	1004.2	..	23.3	22.8	22.5	27.2	95	..	4.6	..	9.6	0	5	12	09	1	1	3	1	0	0	2	14	0
	0830	46	1011.4	1006.2	+0.8	26.6	24.0	22.8	27.7	80	+ 0	4.2	-0.5	11.0	0	6	18	11	3	2	0	2	4	0	2	7	0
	1130	46	1010.4	1005.2	..	28.9	24.3	22.1	26.6	68	..	4.9	..	16.6	0	12	15	05	9	3	2	3	4	1	0	4	0
	1430	46	1007.8	1002.8	..	29.5	24.3	21.8	26.1	65	..	5.2	..	16.7	0	12	16	06	13	0	2	6	1	0	0	3	0
	1730	46	1008.5	1003.3	+0.8	26.9	24.0	22.7	29.8	78	+ 0	5.3	-0.1	11.2	0	5	20	00	12	5	2	4	2	0	0	6	0
	2030	46	1010.4	1005.2	..	25.5	24.0	23.9	29.6	88	..	3.8	..	7.0	0	4	11	00	4	4	5	1	1	0	0	16	0
	2330	46	1010.3	1005.1	..	24.7	23.6	23.0	28.1	93	..	3.8	..	6.9	0	4	10	02	3	3	1	4	1	0	0	17	0
PURI	0830	6	1012.5	1011.8	+1.6	27.9	25.2	23.9	29.7	81	+ 4	4.6	+0.6	..	.	..	..	..	..	..	..	..	..	..	..	..	.
	1730	6	1008.7	1008.0	+0.8	27.8	25.0	23.8	29.5	80	+ 5	4.5	-0.3	..	.	..	..	..	..	..	..	..	..	..	..	..	.
GOPALPUR	0530	17	1008.5	1006.5	..	24.6	23.6	23.1	28.3	91	..	5.3	..	14.4	0	5	22	15	1	0	2	0	2	2	5	4	0
	0830	17	1010.7	1008.7	-0.3	26.3	24.2	23.2	28.4	84	+ 4	4.9	+0.7	16.8	2	4	24	18	0	0	2	0	6	1	3	1	0
	1130	17	1009.7	1007.8	..	29.1	25.0	23.1	28.3	71	..	5.4	..	18.5	2	5	24	05	4	4	10	3	4	1	0	0	0
	1730	17	1007.2	1005.3	-0.7	28.0	24.7	23.1	28.3	76	- 1	5.8	+1.0	17.7	2	7	20	00	5	8	5	7	3	0	1	2	0
	2330	17	1009.2	1007.3	..	26.0	24.3	23.5	28.9	87	..	4.5	..	12.1	0	7	16	07	3	4	0	1	5	0	3	8	0
KORAPUT	0830	913	1512.5	910.9	+0.2	22.1	20.7	20.0	23.4	87	+ 6	3.8	+0.1	..	.	..	..	..	..	..	..	..	..	..	..	..	.
	1730	913	1485.9	908.2	-0.1	22.2	21.0	20.4	24.0	90	+17	4.1	-1.1	..	.	..	..	..	..	..	..	..	..	..	..	..	.
BIHAR PLATEAU																											
DUMKA	0830	149	1012.0	995.1	+0.6	25.5	22.8	21.5	25.6	78	+ 4	2.0	-0.4	2.7	0	0	16	02	3	1	3	1	2	3	1	15	0
	1730	149	1008.7	992.0	+0.6	27.1	23.2	21.3	25.3	71	+ 2	2.6	-0.3	2.5	0	0	15	01	2	4	1	2	1	0	4	16	0
DALTONGANJ	0830	221	1011.2	986.3	-0.4	26.2	21.6	19.1	22.1	65	- 8	2.2	-0.4	4.1	0	0	29	00	2	0	0	0	24	2	1	2	0
	1730	221	1008.1	983.4	+0.3	28.8	21.3	16.9	19.3	49	-11	2.5	-0.8	3.6	0	0	23	05	12	0	0	0	1	0	5	8	0
HAZARIBAGH	0830	611	1011.7	943.9	+0.2	23.6	20.1	18.3	19.7	73	+ 3	2.4	-0.6	4.9	0	0	26	07	3	2	2	2	6	1	3	5	0
	1730	611	1008.5	941.1	+0.2	24.5	20.5	18.4	21.1	70	+ 1	2.4	-1.1	5.2	0	0	28	11	1	3	3	0	0	1	9	3	0
DHANBAD	0830	257	1011.8	982.8	+0.4	25.7	22.2	20.4	24.0	72	+ 0	2.1	-2.0	2.5	0	0	23	01	2	0	9	0	1	4	5	8	1
	1730	257	1007.9	979.2	..	27.5	22.7	20.2	23.7	65	..	3.4	..	2.7	0	1	16	00	2	0	9	0	2	0	3	14	1
RANCHI AERODROME	0530	652	1010.6	937.6	..	19.4	17.7	16.7	19.0	84	..	2.6	..	4.7	0	2	8	00	1	2	0	2	0	2	3	21	0
	0830	652	1011.5	939.3	+0.4	23.3	19.5	17.4	19.9	70	- 2	2.5	-1.5	7.8	0	1	21	06	6	5	0	1	2	2	0	9	0
	1130	652	1010.0	938.7	..	26.2	19.7	16.0	18.2	54	..	3.3	..	14.7	0	10	19	08	8	5	2	1	0	0	5	2	0
	1430	652	1007.4	936.3	..	26.8	19.9	16.0	18.2	51	..	3.2	..	13.9	0	5	25	09	4	7	1	1	1	0	7	1	0
	1730	652	1007.9	936.4	+0.4	25.0	19.8	16.9	19.3	61	- 8	2.7	-1.6	10.0	0	2	25	11	5	6	2	1	0	0	2	4	0
	2030	652	1010.6	938.3	..	22.2	19.3	17.7	20.2	75	..	2.5	..	8.6	0	3	20	03	0	3	5	1	1	2	8	8	0
JAMSHEDPUR	0830	129	1011.1	996.5	-0.4	25.1	22.2	20.7	24.4	77	+ 0	3.0	-0.4	2.5	0	0	23	02	0	4	1	0	1	8	7	8	0
	1730	129	1007.5	993.0	+0.1	28.2	23.4	21.0	24.9	66	- 2	3.0	-1.1	1.9	0	0	16	01	1	7	4	1	0	2	0	15	0
JAMSHEDPUR P.B.O.	0530	142	1010.2	993.9	..	21.7	20.6	20.0	23.4	90	..	4.0	..	2.6	0	1	7	00	0	4	0	1	0	0	3	23	0
	0830	142	1011.9	995.7	+0.8	24.8	22.0	20.5	24.1	77	- 1	3.8	-0.2	5.0	0	1	17	01	0	4	0	2	0	1	10	13	0
	1130	142	1010.7	994.8	..	29.2	23.2	20.1	23.5	59	..	3.9	..	7.8	0	1	23	00	5	5	2	3	2	0	5	7	2
	1430	142	1007.8	992.0	..	30.3	23.1	19.3	22.4	53	..	4.0	..	7.7	0	1	23	04	4	6	2	2	0	0	6	7	0
	1730	142	1008.0	992.1	+0.6	28.3	22.9	20.1	23.5	63	- 4	4.3	-0.3	4.3	0	0	18	04	2	9	1	1	0	1	0	13	0
	2030	142	1010.3	994.2	..	24.7	22.4	21.3	25.3	81	..	2.9	..	2.5	0	0	9	00	1	5	3	0	0	0	0	22	0
	2330	142	1010.6	994.4	..	23.1	21.5	20.7	24.4	87	..	2.4	..	1.4	0	0	6	00	3	2	0	0	0	0	1	25	0
CHAIBASA	0830	226	1011.7	986.2	+0.4	25.5	21.7	19.6	22.8	71	- 6	4.0	+0.2	1.7	0	0	17	00	8	0	2	1	5	0	1	14	0
	1730	226	1008.1	982.8	+0.5	27.5	22.3	19.5	22.7	62	- 6	4.3	-0.3	0.5	0	0	5	00	3	0	0	0	2	0	0	26	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BIHAR PLAINS																											
MOTIHARI	0830		(R)																								
	1730		(R)																								
FORBESGANJ	0830	61	1012.7	1005.8	+1.8	25.2	22.8	21.6	25.8	81	+ 3	2.4	-0.7	3.2	0	0	27	02	3	20	0	1	0	0	1	4	0
	1730	61	1008.8	1001.9	+1.3	26.8	23.7	22.2	26.7	75	+ 4	2.0	-0.7	1.1	0	0	8	00	0	4	1	0	0	2	1	23	0
DARBHANGA	0830	49	1011.7	1006.1	+0.1	27.5	23.6	21.7	25.9	71	- 4	2.2	-0.2	..	.	..	..	..	..	..	..	..	..	..	..	..	.
	1730	49	1008.4	1002.8	+0.4	28.1	24.0	22.3	26.9	72	+ 3	1.5	-0.5	..	.	..	..	..	..	..	..	..	..	..	..	..	.
MUZAFFARPUR	0830	54	..	..	..	25.6	23.0	21.7	25.9	80	..	1.5	..	3.1	0	0	24	04	4	8	1	1	1	1	4	7	0
	1730	54	..	..	..	26.8	23.6	22.0	26.4	76	..	1.5	..	1.1	0	0	7	00	0	4	1	0	0	1	1	24	0
CHAPRA	0830	58	1012.5	1005.9	..	25.5	22.2	20.5	24.1	74	..	1.6	..	2.7	0	0	26	00	13	5	0	0	1	0	7	5	0
	1730	58	1008.5	1001.9	..	28.6	22.7	19.5	22.7	59	..	1.3	..	1.3	0	0	15	00	5	0	0	0	3	0	7	16	0
PURNEA	0830	38	1012.7	1008.3	+0.9	26.1	23.4	22.1	26.6	77	+ 0	2.1	-0.6	1.7	0	0	21	05	3	10	0	1	0	1	1	10	0
	1730	38	1009.0	1004.7	+1.1	27.3	23.9	22.3	26.9	75	- 2	2.3	+0.0	0.6	0	0	7	01	1	1	1	0	1	2	0	24	0
PATNA	0830	53	1012.2	1006.2	+0.8	25.5	22.3	20.6	24.3	75	+ 5	1.8	-0.5	4.3	0	2	22	02	8	0	3	2	4	3	2	7	0
	1730	53	1008.9	1003.0	+1.1	27.8	22.8	20.2	23.7	64	+ 2	2.0	-0.2	2.6	0	1	15	01	7	1	1	2	1	1	2	15	0
PATNA AERODROME	0230	60	1009.4	1002.5	..	22.1	21.2	20.7	24.4	92	..	1.9	..	2.9	0	1	5	00	1	4	0	0	1	0	0	25	0
	0530	60	1009.7	1002.9	..	21.1	20.4	20.1	23.5	94	..	2.9	..	2.4	0	1	4	00	0	4	0	0	0	1	0	26	0
	0830	60	1011.6	1004.8	+0.9	25.7	22.6	21.0	24.9	76	+ 2	2.4	-0.2	4.6	0	2	16	00	0	6	0	2	3	5	2	13	0
	1130	60	1010.9	1004.1	..	29.2	23.0	19.8	23.1	58	..	3.3	..	5.4	0	1	24	00	3	7	1	3	2	6	3	6	0
	1430	60	1008.3	1001.6	..	29.9	22.8	18.9	21.8	54	..	3.5	..	5.1	0	0	26	03	6	3	1	2	0	8	3	5	0
	1730	60	1008.2	1001.4	+0.8	27.5	23.1	20.9	24.7	67	+ 0	2.3	-0.3	2.2	0	1	3	00	1	2	0	1	0	0	0	27	0
	2030	60	1010.0	1003.2	..	23.9	22.0	21.1	25.0	84	..	1.8	..	2.9	0	1	4	00	1	2	0	1	1	0	0	26	0
	2330	60	1010.2	1003.4	..	22.5	21.3	20.7	24.4	90	..	2.0	..	3.0	0	1	6	00	1	5	0	0	1	0	0	24	0
BHAGALPUR	0530	49	1010.4	1004.8	..	22.7	21.8	21.2	25.2	92	..	3.9	..	2.7	0	0	27	00	0	2	11	5	5	2	1	4	1
	0830	49	1012.2	1006.7	+1.0	26.2	23.2	21.7	25.9	76	+ 1	3.5	+0.5	2.7	0	0	30	01	3	2	7	3	8	3	2	1	1
	1130	49	1011.3	1005.8	..	29.0	23.8	21.2	25.2	64	..	4.4	..	3.1	0	0	30	00	3	2	8	2	2	3	10	1	0
	1730	49	1008.7	1003.2	+1.0	27.2	23.4	21.5	25.8	72	- 1	4.1	+1.0	2.6	0	0	27	00	3	4	8	2	3	1	6	4	0
	2330	49	1010.8	1005.2	..	24.2	22.6	21.8	26.1	86	..	2.2	..	2.3	0	0	21	00	1	2	7	3	6	1	0	10	1
SABAUR	0830	37	1012.4	1008.1	+0.8	25.8	23.3	22.1	26.6	81	+ 4	2.5	-0.4	4.1	0	0	28	02	0	4	4	0	10	3	5	8	0
	1730	37	1008.8	1004.6	+0.9	27.3	24.1	22.6	27.4	76	+ 1	2.8	-0.1	1.7	0	0	8	00	1	2	1	0	1	1	2	23	0
JAMUI	0830	82	1014.3	1004.9	+3.3	23.7	21.7	20.6	24.3	83	+ 5	3.0	+0.2	4.4	0	0	30	04	0	19	0	1	0	6	0	0	0
	1730	82	1010.9	1001.5	+3.3	26.4	22.6	20.6	24.3	71	- 2	1.7	-1.1	4.4	0	0	30	07	0	10	0	1	0	12	0	0	0
DEHRI	0830	107	1011.5	999.4	+0.8	25.5	22.8	21.5	25.6	79	+ 7	2.0	-0.3	2.3	0	0	30	03	3	3	7	4	6	3	1	1	0
	1730	107	1008.0	996.0	+1.0	28.3	23.7	21.4	25.5	66	+ 2	1.8	-0.6	2.3	0	0	30	06	9	3	0	0	1	11	0	1	0
GAYA	0230	116	1010.3	996.9	..	21.2	20.6	20.3	23.8	96	..	1.9	..	3.7	0	2	11	00	3	3	4	2	1	0	0	18	0
	0530	116	1010.6	997.2	..	20.3	20.0	19.9	23.2	99	..	2.3	..	3.2	0	2	9	01	3	0	5	2	0	0	0	20	0
	0830	116	1012.3	999.0	+0.7	25.0	22.4	21.1	25.0	78	+ 6	2.4	-0.1	4.5	0	1	20	00	3	2	5	8	3	0	0	10	0
	1130	116	1011.4	998.4	..	30.0	23.8	20.7	24.4	58	..	2.7	..	5.3	0	3	20	01	7	2	3	3	2	0	5	8	0
	1430	116	1008.8	995.9	..	30.6	23.6	20.0	23.4	55	..	3.2	..	7.3	0	2	24	07	5	1	0	0	2	5	6	5	0
	1730	116	1008.9	995.8	+0.9	27.9	23.4	21.1	25.0	68	+ 7	2.3	-0.4	4.5	0	1	21	07	8	0	0	0	1	3	3	9	0
	2030	116	1010.8	997.5	..	24.4	22.4	21.4	25.5	83	..	2.0	..	4.3	0	2	11	01	5	3	1	1	1	1	0	18	0
	2330	116	1011.1	997.7	..	22.2	21.4	21.0	24.9	92	..	2.2	..	3.2	0	1	13	00	3	3	5	2	0	1	0	17	0
UTTAR PRADESH EAST																											
KHERI	0830	147	1011.4	994.5	+0.3	22.9	20.8	19.5	22.7	83	+ 3	1.4	-0.1	2.1	0	0	17	00	0	8	0	0	0	9	0	14	0
	1730	147	1008.2	991.8	+1.0	28.4	22.2	19.0	22.0	57	- 9	0.6	-0.7	1.2	0	0	12	00	0	4	0	0	0	8	0	19	0
BAHRAICH	0830	124	1012.2	998.1	+1.0	23.9	20.9	18.8	21.7	72	- 1	1.4	-0.2	1.9	0	0	16	02	0	3	4	0	0	4	3	15	0
	1730	124	1008.9	995.0	+1.0	28.3	22.3	18.7	21.6	57	+ 0	1.9	+0.2	1.0	0	0	8	00	0	0	2	0	0	1	5	23	0
NAUTANWA	0830	99	1012.3	1000.9	+1.0	24.3	22.0	20.7	24.4	80	- 4	1.0	-1.6	1.5	0	0	19	01	5	5	2	2	1	0	3	12	0
	1730	99	1008.7	997.4	+0.5	26.6	22.6	20.5	24.1	69	- 2	0.8	-1.0	0.6	0	0	7	00	1	1	1	1	1	0	2	24	0
HARDOI	0830	142	1011.9	995.7	+1.4	24.5	20.7	18.4	21.1	70	- 7	0.9	-0.6	1.0	0	0	13	01	0	4	1	0	1	5	1	18	0
	1730	142	1008.2	992.2	+0.9	27.6	23.2	20.9	24.7	67	+ 6	0.3	-1.2	0.3	0	0	4	00	0	1	0	0	0	3	0	27	0
GONDA	0830	110	1012.7	1000.2	+1.0	26.0	21.7	19.6	22.8	68	-11	1.4	-0.2	2.1	0	0	20	01	0	10	0	0	0	3	6	11	0
	1730	110	1008.9	996.4	+0.5	27.8	22.9	20.1	23.5	64	- 2	1.1	-0.4	0.3	0	0	4	01	0	3	0	0	0	0	0	27	0
LUCKNOW	0830	111	1007.6	995.0	-3.7	24.6	21.7	20.0	23.4	75	+ 3	1.8	+0.9	1.0	0	0	4	00	0	3	0	0	0	1	0	14	0
	1730	111	1005.1	992.7	-2.4	30.5	22.2	16.7	19.0	45	-15	0.9	-0.6	0.8	0	0	3	00	0	2	0	0	0	1	0	15	0
LUCKNOW(AMOUSI)	0230	128	1010.1	995.3	..	19.8	18.1	16.9	19.3	84	..	1.3	..	3.5	0	0	15	01	2	3	1	0	1	5	2	16	0
	0530	128	1010.3	995.4	..	18.5	17.5	16.7	19.0	89	..	1.0	..	4.8	0	0	20	01	2	5	0	2	1	6	3	11	0
	0830	128	1011.9	997.4	+1.0	24.3	20.1	17.5	20.0	66	- 7	1.3	-0.6	6.8	0	3	21	03	2	5	2	0	2	4	6	7	0
	1130	128	1011.4	997.1	..	29.9	21.4	15.9	18.1	44	..	1.8	..	10.6	0	1	29	01	2	6	2	0	4	5	10	1	0
	1430	128	1008.7	994.5	..	31.4	20.9	14.0	16.0	37	..	1.5	..	10.2	0	1	27	07	5	1	2	1	0	2	10	3	0
	1730	128	1008.4	994.1	+0.7	28.3	21.6	17.7	20.2	54	- 8	1.0	-1.1	3.8	0	0	19	08	1	1	0	0	0	2	7	12	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
UTTAR PRADESH EAST (CONTD.)																											
LUCKNOW (AMAUSI)	2030	128	1010.4	995.7	..	22.3	19.2	17.4	19.9	74	..	0.7	..	3.7	0	0	16	02	3	6	0	0	2	0	3	15	0
	2330	128	1010.7	996.0	..	20.5	18.2	16.9	19.3	81	..	1.2	..	2.3	0	0	12	02	2	3	0	1	1	2	1	19	0
FAIZABAD	0830	102	1012.1	1000.5	+1.2	25.0	21.7	19.8	23.1	73	- 3	1.3	-0.9	1.7	0	0	14	01	0	3	1	0	2	5	2	17	0
	1730	102	1008.8	997.3	+0.8	27.0	23.0	20.9	24.7	70	- 3	1.8	-0.4	0.4	0	0	3	00	0	0	2	0	0	0	1	28	0
GORAKHPUR	0830	77	1012.3	1003.5	+1.2	25.6	21.9	19.8	23.1	71	- 3	1.6	-0.3	1.6	0	0	21	02	2	5	0	0	4	2	6	10	0
	1730	77	1009.2	1000.4	+1.3	29.2	22.7	19.2	22.2	57	- 4	1.5	-0.4	0.9	0	0	14	01	0	2	1	0	1	3	6	17	0
GORKHPUR P.B.O.	0230	78	1009.8	1000.8	..	23.4	21.4	20.5	24.1	84	..	0.8	..	1.4	0	0	7	00	5	1	0	0	0	0	1	24	0
	0530	78	1010.1	1001.1	..	22.7	20.9	20.1	23.5	86	..	1.4	..	1.9	0	0	11	01	6	0	0	0	0	2	2	20	0
	1130	78	1011.5	1002.6	..	28.0	22.5	20.0	23.4	63	..	2.5	..	5.5	0	1	27	02	2	2	3	3	6	6	4	3	0
	1430	78	1008.8	1000.0	..	29.2	22.5	19.5	22.7	57	..	2.6	..	5.8	0	1	30	02	2	2	3	2	2	7	11	0	0
	2030	78	1010.3	1001.4	..	25.5	22.4	21.1	24.9	77	..	0.9	..	2.8	0	1	12	05	3	1	1	0	1	0	2	18	0
	2330	78	1010.6	1001.6	..	24.3	21.9	20.8	24.6	81	..	0.7	..	2.0	0	1	7	00	5	1	0	1	0	0	1	23	0
KANPUR	0830	126	1011.4	997.1	+0.1	25.3	20.4	17.2	19.6	62	- 7	1.4	+0.2	3.8	0	0	15	00	2	5	0	0	1	6	1	16	0
	1730	126	1007.5	993.4	-0.6	29.5	21.8	17.7	20.2	49	- 3	1.0	-0.4	2.4	0	0	14	05	5	3	0	0	0	1	0	17	0
KANPUR(AERODROME)	0530	126	1010.7	996.1	..	19.7	18.0	16.7	19.0	83	..	1.7	..	4.3	0	0	13	01	0	5	0	1	1	3	2	18	0
	0830	126	1012.2	997.8	..	24.6	20.4	17.5	20.0	66	..	1.4	..	6.5	0	0	21	03	1	3	3	0	3	5	3	10	0
	1130	126	1011.7	997.7	..	30.6	21.5	16.1	18.3	45	..	1.4	..	8.2	0	0	25	03	1	5	1	1	0	6	8	6	0
	1730	126	1008.7	994.7	..	29.6	21.2	15.3	17.4	43	..	1.1	..	8.6	0	0	25	08	1	7	1	0	0	0	8	6	0
	2330	126	1011.0	996.5	..	22.2	19.1	17.2	19.6	74	..	1.3	..	3.4	0	0	10	00	1	5	0	0	0	0	4	21	0
SULTANPUR	0830	97	1012.1	1001.0	+0.8	26.8	21.6	18.4	21.1	61	-11	1.1	-1.0	0.8	0	0	8	00	2	3	0	0	2	1	0	23	0
	1730	97	1008.0	997.2	+0.3	29.2	22.8	19.3	22.4	53	- 9	1.4	-0.9	0.4	0	0	3	00	0	3	0	0	0	0	0	28	0
AZAMGARH	0830	78	1011.9	1003.1	+1.7	25.5	23.0	21.4	25.5	79	+ 4	1.2	-0.4	1.9	0	0	17	01	3	1	0	2	5	5	0	14	0
	1730	78	1008.7	999.9	+1.7	28.4	25.0	23.4	27.8	75	+ 6	1.4	+0.2	1.5	0	0	11	03	2	1	1	0	1	2	1	20	0
FATEHPUR	0830	114	..	..	..	24.4	21.4	19.6	22.8	75	+ 6	1.7	+0.2	3.1	0	0	22	05	2	4	0	0	1	10	0	9	0
	1730	114	..	..	..	29.2	23.5	20.6	24.3	60	+ 4	0.8	-0.8	1.0[a]	0	0	9	00	0	6	1	1	0	1	0	22	0
BALLIA	0830	64	1012.8	1005.4	+1.7	25.5	23.2	22.1	26.6	81	+ 4	2.0	-0.7	1.6[a]	0	0	18	00	0	9	2	0	0	7	0	12	0
	1730	64	1009.8	1002.5	+1.8	29.7	25.6	23.6	29.1	74	+ 6	2.1	-1.0	0.5[a]	0	0	5	00	0	4	0	0	0	1	0	25	0
BANDA	0830	121	1012.8	999.0	+1.7	25.4	20.0	16.4	18.6	59	-10	1.2	-0.2	0.4	0	0	6	00	1	0	0	0	1	0	4	25	0
	1730	121	1008.9	995.3	+1.3	30.4	22.2	17.3	19.7	47	-12	2.3	+0.7	0.1	0	0	2	00	0	0	0	0	0	0	2	29	0
ALLAHABAD(BAMHRAULI)	0230	98	1009.8	998.7	..	21.5	19.0	17.3	19.7	77	..	1.2	..	1.3	0	0	9	00	2	3	0	1	0	2	1	22	0
	0530	98	1010.2	998.9	..	20.1	18.2	17.0	19.4	82	..	1.3	..	1.0	0	0	7	01	1	2	1	1	0	0	1	24	0
	0830	98	1011.9	1000.7	+0.5	25.5	20.5	17.3	19.7	62	- 7	1.6	-0.4	2.6	0	0	16	01	0	3	2	2	3	2	3	15	0
	1130	98	1011.2	1000.3	..	31.8	21.8	15.3	17.4	39	..	1.8	..	7.4	0	0	30	06	3	3	1	0	1	8	8	1	0
	1430	98	1008.5	997.6	..	33.2	21.8	14.2	16.2	34	..	2.2	..	7.7	0	1	30	10	6	5	0	0	0	1	9	0	0
	1730	98	1008.3	997.4	+0.1	30.5	22.1	17.1	19.5	46	- 6	2.2	+0.0	1.7	0	0	9	03	3	2	1	0	0	0	0	22	0
	2030	98	1010.3	999.2	..	25.0	20.3	17.4	19.9	63	..	1.3	..	0.9	0	0	5	00	1	3	0	1	0	0	0	26	0
	2330	98	1010.7	999.4	..	22.8	19.3	17.1	19.5	70	..	1.3	..	1.0	0	0	4	00	1	3	0	0	0	0	0	27	0
VARANASI(BABATPUR)	0530	85	1010.6	1000.6	..	19.7	18.7	18.0	20.6	90	..	1.6	..	3.4	0	0	14	00	4	2	0	4	0	3	1	17	0
	0830	85	1012.3	1002.5	+0.8	25.2	21.2	18.8	21.7	69	- 2	1.9	-0.1	9.0	0	1	29	00	4	4	1	4	7	6	3	1	1
	1130	85	1011.6	1002.6	..	30.7	22.1	16.9	19.3	45	..	2.0	..	10.5	0	1	30	01	4	2	2	0	3	8	8	0	0
	1730	85	1008.8	999.1	+0.8	28.9	21.5	16.8	19.1	50	- 8	1.7	-0.7	8.1	0	1	26	04	7	1	0	0	1	4	9	4	1
	2330	85	1011.0	1001.1	..	22.1	19.7	18.1	20.8	79	..	1.2	..	4.7	0	1	13	02	5	2	1	0	0	2	1	17	1
VARANASI	0830	76	1011.8	1003.0	+0.4	25.6	21.6	19.0	22.0	68	- 5	2.0	+0.1	0.7	0	0	13	01	1	4	0	0	2	4	1	18	0
	1730	76	1008.0	999.4	+0.1	30.1	22.2	17.5	20.0	49	- 6	2.3	-0.4	0.9	0	0	13	00	3	3	0	0	0	7	0	18	0
UTTAR PRADESH WEST																											
MUKHIM	0830		..	..	..	15.7	10.5	5.9	9.3	53	-16	1.0	..	0.9	0	0	9	00	0	0	0	0	3	3	3	22	0
	1730		..	..	..	16.1	10.6	5.5	9.0	50	-17	0.9	..	0.7	0	0	5	00	0	0	0	0	2	2	1	26	0
TEHRI	0830	770	..	..	..	16.0	12.9	10.4	12.6	70	- 9	1.3	-1.0	0.5	0	0	6	03	2	1	0	0	0	0	0	25	0
	1130	770	..	..	..	22.9	14.5	7.4	10.3	38	..	2.1	..	0.6	0	0	6	01	4	0	0	1	0	0	0	25	0
	1730	770	..	..	..	25.3	14.8	5.4	9.0	29	-22	1.8	-0.5	1.7	0	0	11	02	3	0	3	0	0	0	3	20	0
DEHRA DUN	0530		(R)																								
	0830	682	1013.0	936.5	+0.8	20.1	16.1	13.4	15.4	66	- 2	1.2	-0.2	1.4	0	0	9	03	0	0	0	1	3	2	0	22	0
	1130		(R)																								
	1730	682	1009.0	934.3	+0.9	25.6	19.4	16.0	18.3	56	- 5	0.8	-0.5	1.9	0	0	11	07	0	0	1	2	0	1	0	20	0
	2330		(R)																								
MANSIARI	0830		..	..	..	14.2	7.7	1.7	6.9	43	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	.
	1730		..	..	..	12.0	8.1	4.9	8.7	61	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	.
ROORKEE	0830	274	1012.6	981.3	+0.9	21.7	17.6	14.7	16.7	65	- 8	1.1	-0.4	0.3	0	0	4	00	1	0	1	0	0	0	2	27	0
	1730	274	1008.8	978.3	+1.0	29.1	20.2	14.2	16.2	41	-10	0.7	-0.7	0.2	0	0	3	00	0	0	2	0	0	0	1	28	0
NAJIBABAD	0830	270	1012.9	982.0	+1.4	22.2	18.3	16.3	18.5	67	- 9	0.9	-0.4	2.1	0	0	17	01	2	9	3	0	0	0	1	14	1

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of current standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
UTTAR PRADESH WEST(CONTD.)																											
NAJIBABAD	1730	270	1009.3	979.1	+0.6	27.7	20.6	16.2	18.4	51	- 8	0.6	-0.4	1.5	0	0	18	07	0	0	1	0	0	2	6	13	2
MEERUT	0830	222	1012.3	987.0	+1.1	22.3	18.2	15.4	17.5	65	- 4	0.0	-0.9	1.0	0	0	7	00	0	1	0	0	0	6	0	24	0
BAREILLY	0830	173	1012.3	992.6	+1.2	23.8	20.2	18.0	20.6	71	+ 0	1.1	-0.1	3.6	0	0	28	02	5	5	2	1	6	4	3	3	0
	1730	173	1008.1	988.7	+0.4	28.4	21.5	17.4	19.9	52	+ 0	0.8	-0.4	1.4	0	0	20	03	0	1	0	1	2	12	1	11	0
BAREILLY P.B.O.	0230	172	1010.0	990.2	..	21.7	18.7	17.0	19.4	75	..	1.1	..	3.7	0	0	20	02	1	6	2	0	1	2	6	11	0
	0530	172	1010.5	990.7	..	20.7	18.4	17.1	19.5	80	..	1.3	..	3.2	0	0	20	02	3	6	2	1	0	3	3	11	0
	1130	172	1011.8	992.3	..	27.5	20.6	17.0	19.4	53	..	1.5	..	4.8	0	0	31	00	3	5	5	1	3	6	8	0	0
	1430	172	1009.1	989.9	..	29.5	20.1	14.9	23.5	43	..	1.5	..	5.7	0	1	28	00	2	1	1	2	1	14	8	2	0
	2030	172	1010.2	990.6	..	24.7	19.8	17.2	19.6	63	..	1.2	..	3.0	0	0	18	00	3	3	3	2	1	5	1	13	0
	2330	172	1010.6	990.9	..	22.9	19.1	17.0	19.4	70	..	0.8	..	2.9	0	0	20	00	0	5	4	1	2	7	1	11	0
ALIGARH	0830	187	1012.9	991.0	+1.1	22.8	18.7	15.9	18.2	65	+ 2	1.5	+0.7	2.3	0	0	20	01	1	4	1	1	1	10	1	11	0
	1730	187	1009.3	987.9	+1.6	29.3	20.7	15.0	17.0	43	+ 1	2.0	+1.0	1.6	0	0	19	04	2	2	0	4	0	7	0	12	0
MAINPURI	0830	157	1011.7	993.8	+0.5	23.6	20.3	18.7	21.6	74	+ 7	1.7	+0.6	1.5	0	0	14	00	0	5	1	0	0	7	1	17	0
	1730	157	1008.4	990.9	+0.8	30.1	23.3	19.8	23.1	57	+ 7	1.4	+0.2	0.6	0	0	5	00	0	3	0	0	0	2	0	26	0
AGRA	0830	169	1012.3	993.2	+0.9	24.6	19.4	16.1	18.3	59	+ 0	1.0	+0.2	0.4	0	0	3	00	0	0	1	0	1	0	1	28	0
	1730	169	1008.8	989.9	+0.6	29.2	21.5	17.0	19.4	49	+ 9	1.7	+0.8	2.5	0	1	8	00	3	0	1	0	0	0	5	21	0
AGRA AERODROME	0230	169	1010.6	991.2	..	19.9	17.4	15.8	17.9	78	..	1.4	..	3.5	0	0	9	00	0	3	1	3	0	2	0	22	0
	0530	169	1011.1	991.4	..	18.3	16.8	15.6	17.7	82	..	1.4	..	4.1	0	0	11	01	0	2	2	1	2	1	2	20	0
	0830	169	1012.6	993.2	..	23.4	19.7	17.2	19.6	67	..	1.4	..	5.1	0	1	14	00	0	1	5	2	1	0	6	16	0
	1130	169	1011.6	992.9	..	31.3	21.3	14.7	16.7	40	..	1.5	..	7.7	0	0	21	02	0	2	3	5	4	3	2	10	0
	1730	169	1009.0	990.1	..	28.6	20.8	15.8	17.9	48	..	1.9	..	10.3	0	4	21	10	3	4	1	3	0	1	3	6	0
	2330	169	1011.2	991.8	..	21.4	18.1	15.8	17.9	70	..	1.5	..	4.6	0	0	13	00	0	2	4	3	1	1	2	18	0
ORAI	0830	141	1013.2	997.4	+1.9	28.6	21.5	17.2	19.6	51	-13	1.0	-0.3	2.4	0	0	28	07	5	0	1	0	1	1	13	3	0
	1730	141	1008.3	992.6	+0.6	30.3	21.6	16.2	18.4	44	- 6	0.6	-1.0	2.4	0	0	30	12	10	0	0	0	0	0	8	1	0
JHANSI	0830	251	1012.9	984.4	+1.2	25.1	19.9	16.5	18.8	61	+ 1	1.4	+0.1	0.8	0	0	10	01	0	3	0	1	0	5	0	21	0
	1730	251	1007.1	979.5	-0.7	31.4	22.5	17.1	19.5	44	+ 4	1.0	-1.0	1.1	0	0	13	01	0	2	0	6	0	4	0	18	0
MORADABAD	0830		..	..	..	21.9	19.9	18.5	21.3	82	..	0.0	..	3.2	0	0	25	00	11	12	0	0	0	0	2	6	0
	1730		..	..	..	28.6	26.3	25.2	32.1	83	..	0.0	..	4.0	0	0	29	00	4	23	1	0	0	0	1	2	0
UTTAR KASHI	0830		..	..	..	12.6	10.1	7.8	10.6	73	..	0.7	..	..	.	..	..	..	..	..	..	..	..	..	..	..	.
	1730		(R)																								
HARYANA(INCLUDING DELHI AND CHANDIGARH)																											
CHANDIGARH	0830	347	1012.0	972.0	+0.5	21.9	16.4	12.0	14.0	55	- 7	1.4	+0.4	1.5	0	0	12	00	0	1	1	0	0	0	10	19	0
	1730	347	1008.1	969.3	+0.1	28.6	18.8	11.5	13.6	35	-14	1.1	+0.4	2.5	0	0	26	00	0	1	3	0	0	0	22	5	0
AMBALA	0830	272	1012.6	981.6	+1.5	22.1	17.5	14.2	16.2	61	- 7	1.0	+0.3	2.1	0	0	27	00	12	0	10	0	1	0	4	4	0
	1730	272	1008.4	978.4	+1.2	29.3	19.3	12.3	14.3	37	- 4	0.1	-0.6	1.5	0	0	23	00	3	0	3	0	0	0	17	8	0
AMBALA P.B.O.	0230	278	1010.5	978.6	..	21.2	17.6	15.6	17.7	70	..	0.8	..	2.5	0	0	16	00	0	0	4	0	0	2	9	15	1
	0530	278	1010.8	978.8	..	19.8	16.9	15.2	17.3	76	..	1.3	..	3.5	0	1	13	00	1	1	4	1	0	3	3	17	1
	1130	278	1011.9	980.7	..	27.5	20.7	17.3	19.7	55	..	1.7	..	4.4	0	0	22	03	0	3	9	1	0	2	4	9	0
	1430	278	1009.4	978.4	..	29.1	20.4	15.8	17.9	45	..	1.2	..	6.0	0	0	29	01	3	0	7	3	2	3	10	2	0
	2030	278	1010.3	978.9	..	25.1	19.2	16.3	18.5	58	..	0.4	..	2.8	0	0	15	00	0	1	0	0	0	3	11	16	0
	2330	278	1010.9	979.2	..	22.8	18.4	16.2	18.4	66	..	0.4	..	3.2	0	0	15	00	1	1	0	0	0	0	13	16	0
AMBALA AERODROME	0530	274	1011.1	979.1	..	15.1	14.3	13.9	15.9	91	..	1.0	..	4.7	0	1	8	00	0	7	1	0	0	1	0	22	0
	0830	274	1012.7	981.1	..	19.8	17.3	15.7	18.9	77	..	1.6	..	9.3	0	4	15	02	1	9	2	1	0	1	3	12	0
	1130	274	1011.7	981.1	..	28.5	20.6	15.9	18.1	47	..	1.6	..	12.2	0	3	25	00	1	10	5	1	0	7	4	3	0
	1730	274	1008.7	978.0	..	26.9	20.7	17.0	19.4	55	..	1.2	..	8.0	0	0	24	00	1	2	2	1	1	10	7	7	0
	2330	274	1011.2	979.4	..	17.3	15.7	14.4	16.4	83	..	0.7	..	1.8	0	0	7	00	0	1	0	0	0	2	4	24	0
KARNAL	0830	249	1012.3	983.8	+1.5	21.8	18.0	15.3	17.4	68	- 5	0.8	-0.3	2.8	0	0	24	01	1	15	0	0	0	3	4	7	0
	1730	249	1008.2	980.4	+0.6	28.7	20.4	15.2	17.3	44	- 2	0.4	-0.7	2.7	0	0	27	01	3	4	2	0	0	13	4	4	0
HISSAR	0530	221	1010.8	985.3	..	19.1	16.8	15.1	17.1	78	..	0.7	..	4.6	0	0	23	01	2	6	6	3	3	2	0	8	0
	0830	221	1012.5	987.1	+0.8	21.5	18.2	16.0	18.2	68	+ 7	1.0	+0.5	3.1	0	0	17	01	1	3	3	4	3	1	1	14	0
	1130	221	1011.9	987.2	..	30.7	22.5	17.8	20.4	47	..	0.7	..	4.8	0	0	19	04	0	5	4	4	2	0	0	12	0
	1430	221	1009.2	984.9	..	33.1	22.9	17.1	19.5	39	..	1.0	..	6.6	0	0	27	08	2	5	3	0	3	3	3	4	0
	1730	221	1008.7	984.2	+0.6	31.6	22.3	16.8	19.1	42	+ 3	0.9	+0.3	5.2	0	0	26	10	1	6	1	2	0	0	6	5	0
	2330	221	1010.9	985.6	..	22.1	18.5	15.8	17.9	68	..	0.9	..	5.3	0	0	24	02	3	12	3	2	0	0	2	7	0
NEW DELHI/SAFDARJUNG	0230	216	1010.5	985.7	..	21.0	17.3	14.6	16.6	67	..	1.1	..	1.4	0	0	9	01	0	1	4	1	0	1	1	22	0
	0530	216	1010.7	985.8	..	19.8	16.6	14.3	16.3	71	..	1.1	..	1.7	0	0	10	00	0	1	1	0	1	5	2	21	0
	0830	216	(R)																								
	1130	216	1011.9	987.7	+1.1	30.1	20.6	14.2	16.2	39	-15	1.0	+0.1	9.4	0	2	27	09	2	1	5	1	0	3	8	2	0
	1430	216	1009.1	985.1	..	31.8	20.5	12.6	14.6	32	..	1.6	..	9.0	0	0	30	07	4	6	4	0	0	1	8	1	0
	2030	216	1010.5	986.0	..	24.8	18.8	14.7	16.7	54	..	0.8	..	1.9	0	0	10	04	1	2	2	0	0	0	1	21	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mb.			Mean temperature in °C			Vapour pressure in mb.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or M.L. in gen. of mean standard isobaric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind speed 0 to 2 Km.	3 to 18 Km.	19 and above	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
NEW DELHI/SAFDARJUNG	2330	216	1011.1	986.4	..	22.4	17.9	14.9	16.9	62	..	1.0	..	2.4	0	0	9	01	1	3	2	0	0	1	1	22	0
PALAM AERODROME	0230	233	1010.9	984.0	..	20.5	16.4	13.3	15.3	64	..	1.2	..	8.8	0	2	20	01	2	1	6	7	4	1	0	9	0
	0530	233	1011.0	984.1	..	19.0	15.7	13.1	15.1	69	..	1.1	..	5.7	0	1	17	02	1	1	6	4	3	1	0	13	0
	0830	233	1012.4	985.9	..	23.3	17.9	13.9	15.9	56	..	1.0	..	8.3	0	2	20	02	1	2	5	2	1	8	1	9	0
	1130	233	1011.8	985.8	..	30.1	19.9	12.6	14.6	36	..	1.0	..	13.9	0	8	21	04	9	1	3	1	4	1	6	2	0
	1430	233	1009.4	983.9	..	31.7	19.8	10.9	13.0	30	..	1.3	..	15.2	0	7	23	08	4	4	5	1	0	0	8	1	0
	1730	233	1008.7	982.9	..	30.1	19.3	12.3	14.3	32	..	1.1	..	11.3	0	2	28	07	9	5	4	2	1	0	2	1	0
	2030	233	1010.4	984.1	..	24.9	18.1	13.1	15.1	49	..	0.8	..	10.3	0	1	27	02	2	9	10	1	0	2	2	3	0
	2330	233	1011.1	984.8	..	22.4	17.0	12.7	14.7	55	..	1.1	..	7.3	0	0	20	00	2	5	11	2	0	0	0	11	0
GURGAON	0830		..	..	..	23.9	18.3	14.6	16.4	56	..	0.8	..	2.4	0	0	14	00	2	1	2	2	1	4	2	17	0
	1730		..	..	..	30.2	20.1	13.1	15.1	35	..	1.4	..	2.5	0	0	23	01	3	2	3	2	1	7	4	8	0
KARNAUL	0830		(R)																								
	1730		(R)																								
ROHTAK	0830		(R)																								
	1730		(R)																								
PUNJAB																											
PATHANKOT	0530	312	1011.9	975.6	..	16.7	14.3	12.7	14.7	77	..	1.7	..	7.5	0	2	17	01	10	3	1	1	1	1	1	12	0
	0830	312	1013.0	977.3	+1.8	20.6	16.3	12.9	14.9	63	+ 3	2.1	+0.9	7.2	0	3	14	04	9	2	2	0	0	0	0	14	0
	1130	312	1012.5	977.6	..	27.5	18.7	12.3	14.3	40	..	2.4	..	10.3	0	4	23	02	4	7	3	9	0	2	0	4	0
	1730	312	1009.8	974.8	+1.0	27.5	19.2	13.6	15.6	44	- 8	2.5	+1.0	6.4	0	2	17	02	3	1	1	1	4	2	5	12	0
	2330	312	1012.0	976.1	..	18.8	15.4	12.6	14.6	69	..	0.7	..	6.4	0	1	16	02	12	2	1	0	0	0	0	14	0
AMRITSAR	0530	234	1011.8	984.5	..	16.6	15.1	14.0	16.0	85	..	1.6	..	10.9	0	4	25	07	8	6	2	0	1	1	4	2	0
	0830	234	1012.9	986.0	+1.7	20.4	17.2	15.0	17.0	72	- 2	1.4	+0.5	9.0	0	4	22	04	8	6	2	3	1	1	1	5	0
	1130	234	1012.9	986.4	..	28.0	19.5	13.8	15.8	42	..	1.4	..	11.4	0	5	24	04	5	5	5	0	1	3	6	2	0
	1430	234	1010.3	984.3	..	30.1	19.5	12.0	14.0	34	..	1.5	..	12.2	0	6	23	02	3	2	3	2	2	4	11	2	0
	1730	234	1009.8	983.5	+1.7	27.8	19.8	14.5	16.5	45	+ 0	1.3	+0.6	8.7	0	1	26	07	2	2	1	1	0	3	11	4	0
	2030	234	1011.5	984.6	..	21.2	17.7	15.2	17.3	69	..	0.8	..	8.1	0	0	28	05	4	3	2	0	0	5	9	3	0
ADAMPUR AERODROME	0830	249	1012.8	984.1	..	19.9	16.4	13.8	15.8	69	..	1.7	..	6.0	0	1	14	03	1	7	3	0	0	0	1	16	0
	1730	249	1010.1	982.1	..	26.1	18.7	13.3	15.3	46	..	1.5	..	9.1	0	0	26	03	0	3	2	1	0	1	16	5	0
LUDHIANA	0830	247	1012.9	984.6	+1.3	21.9	17.5	14.4	16.4	63	- 1	1.4	+0.6	2.4	0	0	15	00	6	0	7	0	0	0	2	16	0
	1730	247	1009.3	981.8	+1.0	28.3	20.2	14.9	16.9	45	+ 6	0.8	+0.1	2.3	0	0	18	01	10	0	1	1	0	0	5	13	0
FEROZEPUR	0830	200	1013.7	990.6	+2.9	21.5	18.9	17.3	19.7	77	+ 7	0.7	-0.1	1.5	0	0	16	03	5	1	1	3	0	0	3	15	0
	1730	200	1010.9	988.5	+3.2	29.8	22.8	18.7	21.6	53	+ 7	0.4	-0.3	1.9	0	0	20	09	6	0	1	0	0	0	4	11	0
HALWARA AERODROME	0530	242	1011.8	983.5	..	15.1	13.9	12.9	14.9	88	..	1.3	..	10.5	0	4	16	07	2	2	3	0	0	1	5	11	0
	0830	242	1012.6	984.8	..	21.2	17.7	15.4	17.5	70	..	1.4	..	12.8	0	5	19	06	3	3	6	1	1	2	2	7	0
	1130	242	1012.0	985.0	..	29.4	19.9	13.5	15.5	38	..	1.1	..	19.2	0	9	22	07	4	3	6	2	0	3	6	0	0
	1730	242	1009.4	982.4	..	28.1	19.3	13.2	15.2	41	..	0.9	..	14.8	0	3	27	11	1	0	4	0	0	1	13	1	0
	2330	242	1011.7	983.6	..	17.6	15.5	13.9	15.9	80	..	0.4	..	9.8	0	1	24	08	5	6	0	0	0	1	5	6	0
PATIALA	0830	251	1012.3	983.8	+1.4	19.6	17.1	15.3	17.4	77	+11	1.3	+0.1	3.9	0	2	5	00	0	0	4	0	0	0	3	24	0
	1730	251	1009.4	981.4	+1.6	28.1	20.6	15.8	17.9	48	+ 1	0.9	-0.4	1.4	0	0	4	00	0	0	1	0	0	0	3	27	0
BHATINDA	0830	211	1011.8	987.9	..	25.6	18.6	13.6	15.6	48	-11	0.4	+0.1	1.9	0	0	15	00	4	0	5	0	2	0	4	16	0
	1730	211	1008.1	984.7	..	32.2	21.3	14.3	16.3	35	-12	0.0	-0.4	1.3	0	0	14	00	1	0	0	0	0	0	13	17	0
HIMACHAL PRADESH																											
MANDI	0830	761	1017.1	930.1	+2.6	13.1	11.5	10.1	12.3	82	- 7	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	.
	1730	761	1009.5	925.9	+1.4	23.4	17.1	12.8	14.8	53	-11	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	.
BILASPUR	0830	587	1014.8	947.7	+0.6	16.3	14.8	13.8	15.8	85	+ 0	1.6	-1.5	1.2	0	0	8	00	2	0	5	0	0	0	1	23	0
	1730	587	1009.3	944.7	+0.9	26.0	19.1	15.0	17.0	51	+ 0	1.1	-1.0	3.5	0	0	20	00	10	0	3	1	2	0	4	11	0
JAMMU AND KASHMIR																											
NISGAR	0830		(R)																								
	1730		(R)																								
GILGIT	0830		(R)																								
	1730		(R)																								
SKARDU	0830		(R)																								
	1730		(R)																								
LEH	0530	3514	3144.6	668.7	..	- 4.3	- 7.0	-13.4	1.9	49	..	2.7	..	5.1	0	0	29	00	29	0	0	0	0	0	0	1	0
	0830	3514	3149.3	670.1	+0.6	5.7	1.6	- 3.9	4.4	52	+ 7	2.4	+0.5	0.9	0	0	6	00	1	0	0	5	0	0	0	25	0
	1730	3514	3105.2	666.3	+0.5	8.3	3.7	- 3.1	4.9	47	+19	4.3	+1.8	6.2	0	0	30	02	2	0	0	3	5	16	2	1	0
SRINAGAR	0230	1587	1529.5	844.3	..	7.8	7.1	6.4	9.6	94	..	2.8	..	1.7	0	0	13	00	0	0	7	0	0	0	6	18	0
	0530	1587	1530.8	845.3	..	7.2	6.3	5.9	9.3	91	..	3.0	..	1.4	0	0	14	00	0	0	8	0	1	0	5	17	0
	0830	1587	1542.6	845.6	+0.9	8.4	7.5	6.6	9.7	89	+ 7	3.3	+1.3	1.8	0	0	18	00	0	0	11	0	0	0	7	13	0
	1130	1587	1540.0	845.7	..	15.4	10.9	6.9	9.9	57	..	2.8	..	2.2	0	0	22	01	1	0	3	0	4	1	12	9	0
	1430	1587	1518.4	843.2	..	17.5	11.4	6.6	9.7	49	..	3.4	..	2.4	0	0	25	03	0	0	2	1	3	3	13	6	0
	1730	1587	1513.3	842.8	+1.3	14.9	10.7	7.1	10.1	61	+10	3.8	+1.2	1.9	0	0	20	00	2	0	3	1	0	2	12	11	0
	2030	1587	1525.6	844.0	..	11.0	9.2	7.6	10.4	81	..	3.1	..	2.2	0	0	19	00	0	0	4	0	1	0	14	12	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or Mb. in place of normal standard barometric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry bulb	Mean temperature in °C Wet bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations Wind speed (Km. p.h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
JAMMU AND KASHMIR (CONTD.)																											
SRINAGAR	2330	1587	1530.6	844.4	..	9.1	8.0	7.3	10.2	90	..	2.8	..	2.1	0	0	17	00	0	0	5	0	0	0	12	14	0
SRINAGAR AERODROME	0530	1666	1532.6	836.3	..	6.7	5.5	4.1	8.2	83	..	3.3	..	3.9	0	0	12	03	0	0	0	3	1	2	2	19	1
	0830	1666	1542.4	837.5	..	9.3	7.4	5.5	9.0	74	..	3.4	..	2.6	0	0	12	01	1	1	1	3	0	0	3	19	2
	1130	1666	1541.5	837.6	..	14.2	9.7	6.1	9.4	58	..	3.4	..	5.8	0	0	25	08	1	5	1	1	0	3	3	6	3
	1730	1666	1514.0	834.9	..	15.5	10.8	6.8	9.9	58	..	4.1	..	6.7	0	1	21	04	0	1	0	4	4	3	4	9	2
	2330	1666	1533.0	836.5	..	8.7	6.6	4.4	8.4	75	..	2.7	..	7.7	0	1	21	03	0	1	0	2	5	9	2	9	0
GULMARG	0830																										
	1730																										
QAZIGUND	0830	1690	..	..	..	8.1	6.6	5.1	8.8	82	..	2.9	..	1.2	0	0	8	00	1	2	0	2	0	3	0	23	0
	1730	1690	..	..	..	15.7	10.8	7.2	10.1	58	..	3.3	..	2.3	0	0	13	01	0	0	0	4	3	5	0	18	0
BANIHAL	0830	1630	1525.2	839.5	..	9.4	7.1	5.0	8.7	74	..	1.7	..	0.8	0	0	3	02	0	0	0	1	0	0	0	28	0
	1730	1630	1501.4	837.3	..	15.5	11.3	7.9	10.7	62	..	3.5	..	0.6	0	0	3	01	0	0	0	2	0	0	0	28	0
JAMMU	0830	366	1010.3	968.4	..	20.0	15.0	10.6	12.8	56	- 1	1.8	+0.7	7.3	0	0	31	00	31	0	0	0	0	0	0	0	0
	1730	366	1010.1	969.5	..	28.5	19.5	13.4	15.3	38	..	2.0	..	1.3	0	0	9	01	8	0	0	0	0	0	0	16	0
JAMMU AERODROME	0530	292	1011.7	977.8	..	18.7	14.5	11.0	13.1	62	..	1.5	..	5.7	0	1	14	01	13	0	1	0	0	0	0	16	0
	0830	292	1013.1	979.4	..	20.8	15.6	11.4	13.5	56	..	1.7	..	6.8	0	1	23	00	16	2	2	2	0	0	2	7	0
	1130	292	1012.4	979.6	..	27.9	18.3	11.3	13.4	37	..	2.4	..	6.6	0	2	17	01	2	0	4	5	3	1	3	12	0
	1730	292	1009.8	977.0	..	27.5	19.1	13.2	15.2	42	..	2.5	..	3.3	0	1	7	01	2	0	1	2	0	0	2	23	0
	2330	292	1011.8	978.1	..	20.7	15.7	11.7	13.7	57	..	0.9	..	5.6	0	1	17	00	17	0	0	0	1	0	0	13	0
GULMARG (RESEARCH INSTITUTE)	0830		..	..	..	4.4	1.8	- 1.9	5.3	67	..	2.8	..	2.7	0	0	28	00	0	11	1	0	1	10	5	3	0
	1130		..	..	..	8.3	5.4	2.2	7.2	69	..	3.8	..	2.8	0	0	29	01	3	9	1	1	3	9	2	2	0
	1730		..	..	..	6.7	4.4	1.2	6.7	69	..	3.4	..	3.2	0	0	31	00	1	13	1	2	0	9	5	0	0
RAJASTHAN, WEST																											
GANGANAGAR	0530		(R)																								
	0830	177	1012.2	991.8	+1.1	21.0	16.5	13.1	15.1	62	+ 5	0.2	-0.2	0.3	0	0	3	00	0	0	3	0	0	0	0	28	0
	1130		(R)																								
	1730	177	1008.6	988.8	+1.8	31.9	21.9	15.5	17.6	30	+ 8	0.3	-0.1	0.3	0	0	2	01	1	0	0	0	0	0	0	29	0
	2330		(R)																								
ANUPGARH	0830		(R)																								
	1730		(R)																								
CHURU	0830	291	1012.4	979.2	+0.8	23.1	17.7	13.8	15.8	57	- 8	0.3	-0.7	4.1	0	0	19	01	0	1	3	10	2	2	0	12	0
	1730	291	1008.3	976.3	+0.7	32.6	22.0	15.3	17.4	37	- 2	1.2	-0.4	5.3	0	1	24	10	1	2	0	1	1	6	4	6	0
BIKANER	0830	224	1011.7	986.3	+0.7	24.6	16.4	9.0	11.5	39	-11	0.5	+0.2	3.7	0	0	20	00	1	4	3	6	4	2	0	11	0
	1730	224	1007.9	983.3	+0.6	34.1	19.2	6.9	9.9	19	- 8	1.3	+0.8	3.7	0	0	22	03	2	0	0	0	6	4	7	9	0
BIKANER P.B.O.	0530	224	1010.4	984.5	..	20.1	13.7	7.4	10.3	45	..	0.6	..	1.0	0	0	6	01	0	1	1	1	2	0	0	25	0
	1130	224	1011.1	986.3	..	33.3	18.4	6.2	9.5	20	..	0.5	..	4.3	0	0	27	01	2	0	5	4	5	8	2	4	0
	1430	224	1008.3	983.8	..	35.5	19.0	4.2	8.2	15	..	1.4	..	3.9	0	0	26	05	2	1	1	2	3	8	4	5	0
	2030	224	1009.8	984.6	..	27.1	16.9	7.8	10.6	30	..	0.6	..	2.1	0	0	13	01	5	0	0	0	3	0	4	18	0
	2330	224	1010.6	985.2	..	24.9	15.4	7.0	10.0	34	..	0.6	..	1.5	0	0	10	01	6	1	2	0	0	0	0	21	0
NAGAUR	0830	298	1011.6	978.1	+0.4	26.4	18.6	12.6	14.6	44	- 5	0.5	-0.3	4.9	0	0	26	01	1	4	5	9	4	1	1	5	0
	1730	298	1007.6	974.9	+0.5	33.4	21.8	14.1	16.1	32	- 2	1.2	+0.0	6.2	0	0	29	04	3	2	2	2	7	4	5	2	0
PHALODI	0830	234	1011.8	985.4	+0.6	25.1	17.7	11.9	13.9	45	-12	0.3	-0.5	7.2	0	0	31	00	4	3	7	4	7	5	1	0	0
	1730	234	1008.9	983.3	+0.9	34.8	22.3	14.0	16.0	29	- 5	1.3	+0.2	10.7	0	1	30	04	2	1	0	6	10	6	2	0	0
JAISALMER	0830	242	1011.0	983.5	+0.5	23.7	..	..	..	..	..	.	..	3.9	0	0	16	01	5	1	0	1	7	0	1	15	0
	1730	242	1007.0	980.6	+0.4	35.3	..	..	..	..	..	.	..	8.3	0	2	23	03	2	0	1	5	7	2	5	6	0
JODHPUR	0230	224	1009.8	984.4	+4.2	24.9	15.3	7.2	10.1	35	- 3	0.3	-0.4	7.9	0	0	27	04	12	1	1	1	3	3	2	4	0
	0530	224	1008.7	984.6	..	21.7	14.7	7.7	10.5	40	..	0.1	..	6.6	0	1	24	07	13	1	0	0	3	1	0	6	0
	0830	224	1011.9	986.4	+0.2	24.7	16.0	8.5	11.1	37	-12	0.1	-0.8	6.6	0	0	27	01	10	5	3	1	4	3	0	4	0
	1130	224	1011.3	986.6	..	34.3	20.3	9.9	12.2	23	..	0.1	..	8.8	0	1	28	01	2	2	6	4	6	5	3	2	0
	1430	224	1008.3	983.9	..	37.0	20.0	7.6	10.4	18	..	1.3	..	12.3	0	1	30	02	2	0	4	2	10	2	6	0	3
	1730	224	1007.8	983.2	+0.1	35.4	19.9	8.2	10.9	19	- 5	1.4	+0.0	9.3	0	0	28	03	5	1	0	0	9	7	2	3	1
	2030	224	1009.7	984.7	..	28.4	18.4	9.7	12.0	31	..	0.5	..	8.5	0	0	30	05	7	2	0	0	7	7	2	1	0
	2330	224	1010.7	985.2	..	26.0	16.4	10.8	12.9	32	..	0.7	..	8.6	0	0	29	03	7	4	1	0	1	8	5	2	0
BARMER	0530	194	1009.1	987.1	..	24.8	20.1	17.2	19.6	64	..	0.0	..	4.8	0	0	22	01	0	2	0	1	7	7	4	9	0
	0830	194	1010.8	988.9	-0.2	26.2	21.0	17.9	20.5	61	+ 7	0.0	-0.7	1.8	0	0	13	00	2	2	0	1	2	3	3	18	0
	1130	194	1010.7	989.2	..	33.9	22.7	16.4	18.6	36	..	0.0	..	3.4	0	0	21	01	4	0	2	2	7	2	3	10	0
	1730	194	1007.1	985.8	-0.1	35.4	24.1	17.8	20.4	36	+ 6	1.0	-0.3	2.8	0	0	20	02	1	1	0	2	6	6	2	11	0
	2330	194	1009.7	987.9	..	28.0	22.5	19.4	22.5	60	..	0.2	..	2.9	0	0	17	00	1	0	0	1	5	7	3	14	0
JAWAI BANDH	0830	295	1012.0	978.8	+0.9	26.2	19.1	14.3	16.3	49	-17	0.0	-1.6	3.0	0	0	28	00	0	1	5	14	8	0	0	3	0
	1730	295	1008.0	975.3	+0.5	31.8	21.4	14.8	16.8	36	- 9	1.2	-1.1	1.7	0	0	23	03	1	7	0	5	4	3	0	8	0
JALORE	0830		..	..	..	26.8	17.8	10.2	12.4	38	..	.	..	4.1	0	0	31	02	4	4	2	0	2	4	13	0	0
	1730		..	..	..	35.3	19.7	7.4	10.3	19	..	.	..	7.5	0	0	31	04	4	0	1	2	6	4	10	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or lit. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C: Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.): 62 or more	20 to 61	1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
RAJASTHAN, EAST																											
PILANI	0830	301	1012.5	978.2	+1.1	22.6	17.5	13.8	15.8	58	+ 3	0.9	+0.3	5.1	0	0	24	01	1	2	6	6	5	2	1	7	0
	1730	301	1008.4	975.4	+0.5	32.2	21.5	14.6	16.6	36	- 5	2.3	+1.6	7.5	0	1	27	05	4	2	3	1	1	3	9	3	0
SIKAR	0830	433	1011.6	963.1	+0.5	24.0	16.9	11.5	13.6	44	-20	0.6	-0.5	0.1	0	0	0	..	..	..	..	..	..	..	..	..	.
	1730	433	1007.2	960.4	+0.6	32.4	19.0	8.1	10.8	22	-31	0.8	-0.7	0.5	0	0	11	00	0	0	0	0	0	8	3	20	0
ALWAR	0830	271	1011.9	981.0	+1.1	22.9	18.6	15.7	17.8	65	- 8	1.0	-1.0	0.1	0	0	1	00	0	0	0	0	0	0	1	30	0
	1730	271	1007.7	977.6	-0.2	29.9	20.6	16.5	16.5	42	- 8	1.7	-0.4	0.8	0	0	13	02	4	1	0	0	0	2	4	18	0
JAIPUR(SANGANER)	0230	390	1010.3	966.1	..	21.5	15.6	10.7	12.9	51	..	0.9	..	3.0	0	0	20	01	4	13	2	0	0	0	0	11	0
	0530	390	1010.7	966.2	..	19.9	15.1	10.9	13.0	57	..	1.1	..	2.3	0	0	12	01	1	8	1	0	0	0	1	19	0
	0830	390	1011.7	968.0	+0.1	25.3	17.6	11.8	13.8	43	- 8	1.0	+0.1	3.3	0	0	18	01	0	9	4	2	0	0	2	13	0
	1130	390	1010.7	967.9	..	31.5	19.1	10.2	12.4	28	..	0.7	..	4.7	0	0	24	02	1	0	3	1	7	5	5	7	0
	1430	390	1007.7	965.3	..	33.6	19.2	7.5	10.4	21	..	1.8	..	7.3	0	0	29	05	0	2	1	2	1	6	12	2	0
	1730	390	1007.5	964.8	-0.3	31.3	18.5	7.9	10.7	24	- 8	1.9	+0.7	4.0	0	0	23	08	1	2	1	0	1	2	8	8	0
	2030	390	1010.0	966.4	..	25.0	17.1	10.4	12.6	40	..	1.6	..	3.7	0	1	19	05	3	6	0	0	1	2	3	11	0
	2330	390	1010.7	966.7	..	23.1	16.1	10.2	12.4	45	..	1.0	..	4.8	0	2	21	03	5	11	1	0	0	1	2	8	0
DHOLPUR	0830	176	1012.2	992.1	+1.4	24.6	19.5	16.0	18.2	58	-15	0.2	-1.8	0.5	0	0	3	00	0	2	0	1	0	0	0	28	0
	1730	176	1007.7	988.1	+0.3	30.1	20.8	14.5	16.5	39	-20	0.9	-1.0	1.5	0	1	4	00	0	2	0	1	0	0	2	26	0
AJMER	0830	486	1012.4	957.9	+0.4	23.0	17.0	12.5	14.5	52	+ 0	0.4	-0.5	1.9	0	0	9	00	1	3	2	0	1	2	0	22	0
	1730	486	1007.7	955.0	+0.3	31.8	17.5	6.0	9.3	21	- 8	1.1	-0.2	4.6	0	0	27	04	3	1	1	0	2	5	11	4	0
TONK	0830	272	1011.3	980.4	+0.6	23.9	17.7	12.7	14.8	51	-19	0.8	-0.7	2.5	0	0	29	03	4	4	3	1	0	10	4	2	0
	1730	272	1006.8	976.9	+0.3	31.6	19.9	11.3	15.3	28	-22	2.1	+0.6	3.7	0	0	30	04	1	1	4	1	0	6	13	1	0
BHILWARA	0830	425	1012.2	964.4	..	23.7	17.1	11.8	13.8	50	..	1.3	..	2.8	0	0	20	00	4	2	2	1	7	1	3	11	0
	1730	425	1007.5	961.3	..	32.1	18.4	6.6	9.7	21	..	2.2	..	3.7	0	0	26	02	8	2	3	1	6	2	2	5	0
KOTA	0830	257	1012.2	983.1	+0.5	24.8	19.4	15.7	17.8	57	+ 4	1.0	-0.3	1.5	0	0	9	00	0	3	2	0	1	2	1	22	0
	1730	257	1007.6	979.5	+0.0	32.6	20.8	12.7	14.7	31	- 3	1.5	-0.3	0.5	0	0	4	01	0	1	2	0	0	0	0	27	0
KOTA AERODROME	0530	274	1010.7	979.4	..	21.8	16.2	11.7	13.7	55	..	0.6	..	5.4	0	0	23	01	0	5	5	3	6	2	1	8	0
	0830	274	1012.3	981.3	..	25.5	17.9	11.9	13.9	45	..	1.0	..	5.6	0	0	22	01	0	6	4	1	3	5	2	9	0
	1130	274	1011.5	981.2	..	31.8	19.7	10.5	12.7	29	..	1.2	..	10.8	0	2	28	04	5	8	2	2	2	2	5	1	0
	1730	274	1008.0	977.9	..	32.3	18.6	7.0	10.0	22	..	1.6	..	8.3	0	3	24	07	4	12	1	0	1	1	1	4	0
	2330	274	1011.0	980.0	..	24.7	16.5	9.1	11.5	39	..	1.0	..	10.9	0	6	25	03	1	7	3	3	11	3	0	0	0
CHAMBAL (RAWAT BHATTA DAM)	0830	351	1011.0	971.4	-0.8	23.6	18.0	13.9	15.9	55	-18	0.7	-1.2	1.3	0	0	9	01	1	0	4	1	1	0	1	22	0
	1730	351	1006.5	968.1	-0.7	31.9	19.3	8.9	11.4	26	-21	1.3	-1.1	4.3	0	0	28	07	11	1	6	2	6	0	0	3	0
UDAIPUR	0230	582	1011.7	946.1	..	19.1	15.9	13.7	15.7	71	..	0.5	..	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
	0530	582	1012.1	946.0	..	17.5	15.2	13.5	15.5	78	..	0.7	..	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
	0830	582	1012.6	947.8	+0.9	23.3	17.9	14.5	16.5	58	- 4	0.8	-0.6	0.1	0	0	1	00	0	0	0	0	0	0	1	30	0
	1130	582	1010.8	947.7	..	31.4	20.9	14.5	16.5	37	..	0.6	..	2.1	0	0	17	02	2	4	3	0	1	4	1	14	0
	1730	582	1008.0	944.9	+0.6	30.4	20.0	13.8	15.8	37	- 5	1.8	-0.8	2.1	0	0	17	03	3	0	2	0	2	6	1	14	0
	2330	582	1012.3	946.9	..	20.5	16.4	13.8	15.8	66	..	0.4	..	0.1	0	0	1	00	1	0	0	0	0	0	0	30	0
JHALAWAR	0830	321	1012.8	976.6	+1.2	24.8	17.8	12.4	14.4	46	-17	0.5	-0.7	1.9	0	0	15	01	6	1	0	1	1	2	3	16	0
	1730	321	1007.4	972.3	+0.1	32.2	19.0	8.0	10.7	24	-10	1.7	+0.0	2.5	0	0	18	06	7	0	2	0	0	0	3	13	0
BANSWARA	0830		..	..	..	25.0	19.5	15.6	17.7	57	..	0.5	..	..	.	..	..	..	..	..	..	..	..	..	..	..	.
	1730		..	..	..	33.6	21.0	12.2	14.2	28	..	0.7	..	..	.	..	..	..	..	..	..	..	..	..	..	..	.
DUNGARPUR	0830		..	..	..	24.4	19.0	15.2	17.3	58	..	1.4	..	0.2	0	0	2	00	1	1	0	0	0	0	0	21	0
	1730		..	..	..	32.7	20.4	11.8	13.8	29	..	1.2	..	0.3	0	0	3	00	0	0	2	0	1	0	0	21	0
MADHYA PRADESH, WEST																											
GWALIOR	0230	207	1010.6	986.8	..	20.0	17.0	14.8	16.9	72	..	2.0	..	3.5	0	0	22	00	0	1	4	14	1	1	1	9	0
	0530	207	1010.9	986.9	..	18.7	16.4	14.8	16.7	78	..	1.7	..	3.3	0	0	21	02	0	1	3	11	3	1	0	10	0
	0830	207	1012.4	988.9	+0.8	24.7	19.2	15.4	17.8	57	- 1	1.6	+0.2	4.0	0	0	19	04	1	2	1	5	3	2	1	12	0
	1130	207	1011.5	988.5	..	31.0	20.6	13.4	15.8	35	..	1.4	..	6.6	0	0	31	04	2	1	6	6	4	2	6	0	0
	1430	207	1008.8	986.0	..	32.7	20.6	12.0	14.4	29	..	1.4	..	6.5	0	0	28	05	2	1	1	5	0	5	9	3	0
	1730	207	1008.5	985.5	+0.5	30.1	20.7	14.5	16.7	39	- 5	1.8	+0.2	4.0	0	0	27	07	7	4	1	2	0	1	5	4	0
	2030	207	1010.9	987.3	..	22.8	18.4	15.3	17.6	63	..	1.4	..	3.5	0	0	17	01	2	3	4	5	2	0	0	14	0
	2330	207	1011.3	987.5	..	20.7	17.3	15.0	16.9	71	..	1.2	..	3.4	0	0	21	00	3	1	1	14	2	0	0	10	0
SHEOPUR	0830	235	1012.6	985.8	+1.3	22.7	18.1	14.9	17.0	63	- 4	1.2	-0.8	4.5	0	0	24	00	1	2	6	11	3	1	0	7	0
	1730	235	1008.0	982.1	+1.0	31.8	20.9	13.7	15.9	34	-15	1.4	-1.0	4.4	0	0	28	08	9	0	3	0	1	3	4	3	0
SHIVPURI	0830	464	1012.3	960.3	..	23.7	18.4	15.1	17.4	60	..	1.1	..	4.5	0	0	22	01	0	3	4	7	2	4	1	9	0
	1730	464	1008.5	957.5	..	29.0	18.9	13.0	14.5	39	..	1.5	..	3.4	0	0	25	04	3	9	0	0	2	3	4	6	0
NOWGONG	0830	229	1012.9	986.8	+0.9	22.8	19.0	16.4	18.9	68	- 3	1.5	-0.1	2.5	0	0	18	02	1	2	0	3	7	3	0	13	0
	1730	229	1008.3	983.0	+0.4	30.4	21.3	15.4	17.9	42	- 5	1.3	-0.8	1.9	0	0	13	04	7	0	0	0	1	0	1	18	0
GUNA	0530	478	1012.1	957.3	..	17.3	14.9	13.0	15.2	76	..	1.3	..	4.6	0	0	23	03	1	6	8	4	1	0	0	8	0
	0830	478	1012.6	959.0	+0.6	24.1	18.6	15.1	17.4	59	- 6	1.2	-0.4	3.3	0	0	25	01	1	6	5	10	0	2	0	6	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH,WEST (CONTD.)																											
GUNA	1130	478	1011.3	958.9	..	30.5	20.0	13.3	15.7	37	..	0.8	..	7.9	0	1	30	07	5	3	3	6	2	1	4	0	0
	1430	478	1008.3	956.3	..	31.9	19.7	11.6	14.0	30	..	2.0	..	9.1	0	1	29	10	2	2	1	4	2	6	3	1	0
	1730	478	1008.2	955.8	+0.3	29.5	19.3	12.6	14.9	37	- 4	2.1	+0.1	6.1	0	0	31	11	6	0	3	2	1	4	4	0	0
	2330	478	1012.1	957.9	..	20.3	15.9	12.7	14.9	62	..	0.8	..	5.8	0	1	24	01	3	4	9	6	0	1	1	6	0
NIMACH	0830	496	1013.0	957.7	+0.9	24.3	17.3	12.2	14.7	49	- 6	1.2	-0.5	2.6	0	0	19	00	5	1	4	1	3	5	0	12	0
	1730	496	1008.2	954.3	+0.1	31.5	17.8	c7.2	10.4	23	-11	1.8	-1.0	3.9	0	0	25	01	10	3	2	0	3	5	1	6	0
RAJGARH	0830	382	1012.8	969.4	+1.0	22.2	18.6	15.9	18.5	68	- 1	0.4	-1.4	3.5	0	0	23	07	0	5	4	7	0	0	0	8	0
	1730	382	1007.8	966.0	+0.5	30.6	21.0	13.9	17.0	37	- 8	2.8	+0.4	7.0	0	1	30	13	4	3	2	5	0	2	2	0	0
SAGAR	0830	551	1012.6	950.9	+1.0	22.9	19.1	16.9	19.4	70	+12	1.3	-0.7	6.4	0	0	31	00	4	6	0	0	7	11	3	0	0
	1730	551	1008.6	948.2	+1.2	27.8	23.0	20.8	24.6	66	+20	1.4	-1.3	9.3	0	0	31	00	7	11	0	0	1	7	5	0	0
RATLAM	0830	486	1012.3	958.2	+1.4	25.6	20.9	18.4	21.3	66	+ 3	2.3	-0.4	5.6	0	0	26	00	9	7	3	1	2	3	1	5	0
	1730	486	1007.9	954.9	+0.8	30.7	24.0	21.0	25.0	57	+14	3.1	-0.6	8.5	0	0	28	01	8	8	2	0	3	4	2	3	0
BHOPAL(BAIRAGARH)	0230	523	1010.8	951.9	..	20.8	16.6	13.5	15.8	64	..	2.0	..	4.1	0	0	18	06	3	0	3	1	3	0	2	13	0
	0530	523	1011.5	952.2	..	19.2	15.8	13.5	15.5	69	..	1.9	..	3.9	0	0	18	05	3	1	3	1	0	2	3	13	0
	0830	523	1012.3	954.1	+0.5	24.9	18.5	14.6	16.6	54	- 8	1.9	+0.0	6.3	0	1	19	01	4	4	5	4	0	1	1	11	0
	1130	523	1011.0	953.7	..	29.7	20.0	13.9	16.3	40	..	1.7	..	8.4	0	0	25	04	4	5	6	3	1	1	1	6	0
	1430	523	1008.0	951.1	..	30.9	19.8	12.7	15.0	34	..	2.9	..	10.4	0	1	26	06	7	3	3	2	1	2	3	4	0
	1730	523	1008.1	950.9	+0.4	29.0	19.1	12.5	14.9	37	- 4	2.4	-0.2	7.5	0	0	28	12	8	2	1	2	1	1	1	3	0
	2030	523	1010.9	952.7	..	24.4	17.7	13.1	15.4	51	..	2.1	..	3.9	0	0	17	04	4	5	2	2	0	0	0	14	0
	2330	523	1011.6	952.9	..	22.0	16.8	13.1	15.1	58	..	2.0	..	2.9	0	0	15	03	3	4	1	2	2	0	0	16	0
UJJAIN	0830	489	1012.9	957.7	..	21.9	18.4	16.3	18.5	71	..	3.3	..	3.3	0	1	17	00	1	5	4	1	0	3	4	13	0
	1730	489	1008.2	954.6	..	29.3	20.4	14.9	17.4	44	..	2.7	..	4.5	0	1	20	01	6	8	0	3	0	1	2	10	0
NARSINGHPUR	0830	356	1012.5	972.1	..	22.3	18.5	15.8	18.2	66	..	1.4	..	1.4	0	0	17	01	7	0	3	0	3	1	0	14	2
	1730	356	1007.8	968.6	..	30.0	20.2	13.1	15.7	37	..	1.7	..	1.5	0	0	20	01	15	0	0	0	0	3	1	11	0
HOSHANGABAD	0830	302	1013.0	978.6	+1.0	22.6	19.0	16.6	19.0	69	+ 0	1.1	-1.2	1.9	0	0	30	00	3	0	3	0	17	6	1	1	0
	1730	302	1008.1	974.7	+0.7	30.6	21.1	14.8	17.4	40	- 8	1.0	-2.1	1.9	0	0	30	00	3	0	3	0	17	5	2	1	0
INDORE	0530	567	1011.3	947.2	..	18.7	16.3	14.6	16.7	78	..	1.8	..	7.4	0	1	23	02	0	7	1	4	3	5	1	7	1
	0830	567	1012.4	949.2	+0.7	23.4	18.6	15.5	17.9	63	+ 3	2.2	+0.5	7.4	0	0	24	01	1	3	1	10	2	3	2	7	1
	1130	567	1011.1	949.1	..	29.1	20.4	14.9	17.6	44	..	1.7	..	9.6	0	0	28	04	3	9	0	6	3	1	0	3	2
	1730	567	1007.9	946.1	+0.4	28.7	19.6	13.7	16.1	42	+ 0	3.1	+0.0	9.6	0	1	28	03	10	8	0	4	2	2	0	2	0
	2330	567	1011.7	948.1	..	21.4	17.3	14.3	16.7	65	..	1.9	..	6.1	0	0	22	01	2	4	1	7	5	2	0	9	0
RAJPUR(JHABUA)	0830	293	1013.0	979.8	+0.8	24.0	19.5	16.1	19.0	64	- 8	1.6	-0.8	0.6	0	0	4	00	0	0	0	0	0	4	0	27	0
	1730	293	1008.4	976.2	+0.6	31.8	20.7	12.2	15.4	34	-11	2.5	-0.1	0.6	0	0	3	00	1	0	0	0	0	2	0	28	0
CHHINDWARA	0830	685	1012.4	936.4	+1.2	22.8	18.2	15.2	17.5	64	- 7	1.5	-1.4	3.1	0	0	20	12	1	3	0	0	0	4	0	11	0
	1730	685	1007.9	933.3	+1.0	27.2	18.8	13.2	15.6	45	- 6	3.1	-0.5	2.8	0	0	26	04	9	1	2	1	1	1	7	5	0
SEONI	0830	619	1012.3	943.5	+1.0	23.5	18.5	15.3	17.6	61	- 4	2.1	-0.6	5.5	0	0	26	10	7	0	0	1	4	0	4	5	0
	1730	619	1008.0	940.4	+0.7	27.2	18.9	13.3	15.8	45	- 5	2.5	-0.7	9.0	0	0	31	10	6	3	4	1	2	2	3	0	0
BETUL	0830	653	1012.6	940.1	+1.3	23.2	18.3	15.1	17.4	61	- 8	1.5	-1.6	2.7	0	0	27	01	4	10	8	0	0	1	3	4	0
	1730	653	1008.4	937.0	+1.2	26.5	19.1	14.3	16.3	49	- 7	2.2	-1.2	3.5	0	0	30	12	8	1	4	0	1	1	3	1	0
KHANDWA	0830	318	1012.6	976.4	+0.8	21.8	17.9	14.9	17.4	64	+ 0	0.8	-1.3	1.3	0	0	12	00	1	1	1	5	2	2	0	19	0
	1730	318	1007.7	972.7	+0.5	31.8	20.0	10.7	13.7	30	-11	0.7	-2.2	3.3	0	0	30	11	5	7	2	4	0	0	1	1	0
TIKAMGARH	0830	346	1013.7	974.2	..	21.1	18.1	16.1	18.3	74	..	1.5	..	3.7	0	0	29	02	3	1	5	6	7	4	1	2	0
	1730	346	1009.5	971.3	..	29.9	24.3	21.5	25.8	61	..	1.9	..	4.5	0	0	30	03	11	3	3	1	4	3	2	1	0
MADHYA PRADESH,EAST																											
SATNA	0530	317	1011.2	974.7	..	18.6	16.7	15.2	17.5	81	..	1.3	..	1.2	0	0	10	02	1	0	0	2	1	2	2	21	0
	0830	317	1012.3	976.4	+0.8	24.3	19.2	15.7	18.1	60	-10	1.2	-0.6	1.2	0	0	17	00	0	1	1	1	5	7	2	14	0
	1130	317	1010.9	975.8	..	30.0	20.3	13.4	15.9	39	..	1.4	..	2.8	0	0	28	03	3	5	2	1	2	4	8	3	0
	1430	317	1008.1	973.3	..	31.5	20.1	11.5	14.3	31	..	2.4	..	4.0	0	0	28	06	2	5	0	3	1	6	5	3	0
	1730	317	1008.4	973.2	+0.6	28.5	19.6	13.3	15.6	41	-10	1.7	-0.7	2.2	0	0	24	12	0	0	0	2	1	1	8	7	0
	2330	317	1011.4	975.2	..	21.5	18.1	15.5	18.1	70	..	0.8	..	0.7	0	0	7	03	0	0	0	1	0	2	1	24	0
REWA	0830	299	1011.7	977.9	..	24.2	19.7	16.7	19.3	64	..	1.7	..	1.5	0	0	16	02	1	1	1	1	5	2	3	15	0
	1730	299	1008.1	975.1	..	29.7	20.6	14.4	16.8	41	..	2.3	..	2.0	0	0	23	06	6	0	0	0	1	3	7	8	0
SIDHI	0830	272	1011.7	981.0	+1.5	24.5	20.7	18.5	21.3	70	- 3	0.8	-1.9	0.1	0	0	2	01	1	0	0	0	0	0	0	29	0
	1730	272	1007.5	977.3	+0.8	28.6	21.7	17.3	20.2	54	+ 1	1.4	-1.1	0.6	0	0	8	04	2	1	1	0	0	0	0	23	0
UMARIA	0830	459	1012.7	961.0	+1.0	22.8	18.7	16.2	18.5	67	- 3	1.8	-0.6	1.5	0	0	18	03	1	2	1	7	0	2	2	13	0
	1730	459	1008.3	957.8	+0.8	28.3	21.0	16.8	19.5	51	- 8	2.1	-0.9	1.4	0	0	17	07	3	2	1	0	0	1	3	14	0
JABALPUR	0530	393	1011.4	966.5	..	18.6	17.5	16.7	18.4	88	..	2.1	..	1.0	0	0	9	02	2	1	2	2	0	0	0	22	0
	0830	393	1012.8	968.5	+1.0	23.2	19.5	17.1	19.7	69	- 4	2.2	-0.3	2.1	0	0	16	01	4	1	3	5	0	0	2	15	0
	1130	393	1011.0	967.6	..	29.5	21.5	16.5	19.1	47	..	2.1	..	3.7	0	0	22	03	4	3	0	1	2	2	7	9	0
	1430	393	1008.0	965.0	..	31.3	21.4	14.8	17.4	39	..	2.6	..	4.1	0	0	24	04	11	0	0	0	1	2	6	7	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gms. of mean standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Kts. per hour	No. of observations Wind Speed (Kts. P.H.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH,EAST (CONTD.)																											
JABALPUR	1730	393	1008.2	964.9	+0.6	28.9	21.1	16.2	18.6	47	- 5	2.4	-0.4	1.7	0	0	14	02	9	0	0	0	0	1	2	17	0
	2030	393	1010.9	966.8	..	23.7	19.9	17.5	20.1	69	..	1.2	..	0.5	0	0	4	00	2	0	1	0	1	0	0	27	0
	2330	393	1011.4	967.0	..	21.5	19.0	17.4	20.0	78	..	1.5	..	0.3	0	0	2	01	1	0	0	0	0	0	0	29	0
AMBIKAPUR	0830	611	1011.9	944.0	+0.7	23.0	19.5	17.5	20.1	72	- 5	1.9	-0.5	3.0	0	0	21	05	5	3	0	3	3	2	0	10	0
	1730	611	1007.7	940.7	+0.3	25.6	20.1	16.8	19.5	60	- 5	2.7	+0.1	5.9	0	0	31	17	3	5	0	1	0	5	0	0	0
JASHPURNAGAR	0830	779	1011.4	925.8	..	22.9	18.8	16.3	18.8	67	..	2.2	..	1.7	0	0	21	07	12	0	0	1	1	0	0	10	0
	1730	779	1007.5	922.8	..	24.6	19.4	16.3	18.8	61	..	2.7	..	0.7	0	0	8	02	4	2	0	0	0	0	0	23	0
PENDRA	0530	625	1011.2	941.0	..	18.9	16.7	15.1	17.4	79	..	2.1	..	2.3	0	0	14	08	1	0	0	1	0	0	4	17	0
	0830	625	1012.0	942.8	+0.5	23.6	19.4	16.9	19.5	67	- 3	1.8	-1.2	3.2	0	0	23	13	3	0	0	3	0	0	4	8	0
	1130	625	1010.4	942.2	..	27.5	19.9	15.2	17.6	49	..	2.4	..	5.4	0	2	21	10	2	4	4	0	1	0	2	8	0
	1430	625	1007.6	939.7	..	28.2	20.0	14.8	17.4	46	..	2.5	..	4.5	0	0	25	11	5	2	1	2	0	0	3	6	1
	1730	625	1008.3	939.7	+0.3	25.4	19.9	16.6	18.9	60	- 3	2.6	-1.1	2.5	0	0	19	05	3	0	0	4	1	2	4	12	0
	2330	625	1011.6	941.8	..	20.5	17.7	15.7	18.3	75	..	2.2	..	2.3	0	0	20	02	2	0	0	3	2	6	5	11	0
MANDLA	0830	443	1012.7	962.7	+1.0	21.7	19.0	17.4	20.0	76	- 6	1.6	-2.0	0.8	0	0	6	03	0	0	0	0	0	0	2	25	1
	1730	443	1007.7	959.0	+0.9	28.2	20.7	16.0	18.9	48	-13	2.0	-1.7	2.3	0	0	9	05	0	0	0	0	0	0	4	22	0
CHAMPA	0830	245	1012.0	984.1	+0.7	23.9	21.1	19.5	22.7	77	- 1	2.7	-0.9	2.5	0	0	21	10	4	1	0	0	1	1	4	10	0
	1730	246	1007.5	980.3	+0.3	29.2	22.6	18.7	22.0	55	- 8	2.9	-1.2	3.7	0	0	24	08	3	4	1	1	1	3	3	7	0
RAIGARH	0830	220	1011.7	986.8	+1.0	25.8	21.4	18.8	21.8	66	- 8	3.6	-0.1	4.1	0	0	31	00	26	2	2	0	1	0	0	0	0
	1730	220	1007.8	983.3	+1.4	29.1	22.7	19.0	22.4	56	- 6	3.4	-0.6	1.6	0	0	20	03	11	0	0	0	3	1	2	11	0
RAIPUR	0530	298	1010.3	976.4	..	21.9	20.2	19.2	22.4	85	..	3.4	..	1.8	0	0	11	03	1	0	2	1	1	1	2	20	0
	0830	298	1011.8	978.3	+0.7	25.5	21.4	19.0	22.1	68	- 5	3.2	+0.3	4.5	0	0	26	07	12	1	1	0	3	1	1	5	0
	1130	298	1010.6	977.5	..	29.5	22.5	18.5	21.6	54	..	3.4	..	6.8	0	0	31	03	14	5	4	1	2	2	0	0	0
	1430	298	1007.8	974.9	..	30.5	22.3	17.4	20.2	47	..	3.6	..	5.5	0	0	28	07	11	4	1	0	1	2	2	3	0
	1730	298	1008.1	974.9	+0.7	28.5	22.1	18.3	21.3	55	- 5	3.4	+0.0	3.9	0	0	27	04	13	5	3	1	0	1	0	4	0
	2030	298	1010.4	976.9	..	25.5	21.7	19.6	22.8	70	..	2.5	..	2.2	0	0	13	01	7	0	2	1	0	0	2	18	0
	2330	298	1010.6	977.0	..	24.1	20.9	19.3	22.1	75	..	2.5	..	2.2	0	0	15	02	4	2	1	4	1	0	1	16	0
KANKER	0830	402	1011.5	966.6	+0.4	24.4	21.7	20.3	23.8	78	- 1	3.3	+0.0	0.1	0	0	1	00	0	0	0	0	0	1	0	30	0
	1730	402	1007.6	963.3	+0.2	27.7	22.9	20.4	24.0	65	+ 1	4.1	-0.2	2.0	0	0	15	04	10	0	0	0	0	0	1	16	0
JAGDALPUR	0530	553	1009.6	947.7	..	20.5	19.5	19.0	22.0	91	..	3.9	..	1.0	0	0	3	02	0	0	0	1	0	0	0	28	0
	0830	553	1011.1	949.7	+0.3	23.5	21.1	19.8	23.1	80	+ 0	4.5	+0.6	2.3	0	0	14	04	4	1	0	1	0	0	4	17	0
	1130	553	1009.4	948.8	..	27.1	21.6	18.7	21.8	61	..	4.7	..	6.2	0	0	28	04	11	5	0	0	1	2	5	3	0
	1430	553	1006.3	946.1	..	28.4	21.6	18.0	20.8	55	..	5.1	..	6.7	0	1	27	06	13	1	0	1	1	2	4	3	0
	1730	553	1007.3	946.6	+0.2	25.7	21.5	19.4	22.2	67	+ 0	5.5	+0.5	3.1	0	0	14	04	3	2	1	1	1	0	2	17	0
	2030	553	1010.0	948.7	..	23.3	20.8	19.5	22.7	80	..	4.0	..	2.5	0	1	9	03	4	1	0	1	1	0	0	21	0
	2330	553	1010.2	948.6	..	22.1	20.4	19.5	22.7	85	..	3.3	..	1.7	0	0	7	02	1	1	0	0	2	0	1	24	0
GUJARAT REGION(INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																											
DEESA	0830	136	1012.3	996.7	+1.2	23.9	18.3	13.3	15.3	53	- 9	0.4	-1.3	3.4	0	0	18	00	8	1	4	0	0	1	2	13	2
	1730	136	1008.2	993.2	+1.0	35.2	20.4	9.1	11.5	21	-12	1.4	-0.7	6.6	0	0	29	00	8	0	8	1	7	2	1	2	2
RADHANPUR	0830	30	1011.7	1008.2	+0.2	25.0	20.1	17.0	19.4	62	-11	0.1	-0.6	1.3	0	0	17	01	1	1	3	2	4	0	5	14	0
	1730	30	1008.5	1005.4	+0.4	35.4	22.9	15.0	17.0	32	-13	0.5	-0.4	1.5	0	0	20	00	2	3	3	0	5	2	5	11	0
IDAR	0830	219	1011.7	987.1	+0.4	27.6	18.6	11.2	13.3	41	-13	0.8	-0.9	2.9	0	0	20	07	4	2	0	1	1	3	2	11	0
	1730	219	1007.5	983.8	+0.1	34.3	20.2	9.2	11.6	23	-16	0.8	-1.0	2.0	0	0	17	00	1	2	2	0	2	8	2	14	0
AHMADABAD	0230	55	1009.8	1003.4	..	24.8	19.7	16.3	18.5	60	..	1.4	..	3.9	0	0	14	01	2	0	1	0	4	6	0	17	0
	0530	55	1010.0	1003.6	..	23.1	18.9	16.0	18.2	65	..	1.2	..	3.1	0	0	12	01	1	3	0	1	1	1	4	19	0
	0830	55	1011.8	1005.6	+0.3	26.5	20.2	15.8	17.9	54	-10	1.7	+0.1	5.6	0	0	20	01	3	7	1	0	0	3	5	11	0
	1130	55	1011.8	1005.7	..	33.7	22.3	15.2	17.3	34	..	1.3	..	9.9	0	2	28	08	1	8	4	2	1	3	2	1	1
	1430	55	1009.0	1002.9	..	35.9	22.3	13.3	15.3	27	..	1.7	..	9.2	0	0	29	03	4	4	4	1	3	4	4	2	2
	1730	55	1008.2	1002.1	+0.1	35.1	21.8	12.8	14.8	27	- 8	1.1	-0.7	7.2	0	0	26	04	3	2	3	0	6	1	5	5	2
	2030	55	1009.8	1003.6	..	28.5	20.6	15.6	17.7	46	..	0.7	..	1.8	0	0	4	00	0	1	0	3	0	0	0	26	0
	2330	55	1010.5	1004.2	..	26.1	20.4	16.6	18.9	57	..	0.9	..	4.9	0	0	13	01	1	0	0	4	6	1	0	18	0
DOHAD	0830	333	1012.3	974.7	+0.1	24.5	20.1	17.0	19.4	65	- 5	1.3	-0.6	6.2	0	1	25	01	2	10	3	3	5	1	1	5	0
	1730	333	1007.8	971.4	+0.7	32.0	21.2	13.3	15.3	36	- 2	2.3	+0.7	10.2	0	3	26	04	5	2	0	2	8	4	4	2	0
VALLABH VIDYANAGAR	0830	44	1011.7	1006.7	..	23.5	21.1	19.6	22.8	80	..	1.1	..	3.0	0	0	24	01	8	1	3	3	3	2	3	7	0
	1730	44	1008.2	1003.4	..	34.9	25.1	20.7	24.4	44	..	1.5	..	2.6	0	0	24	00	5	0	2	4	10	0	3	7	0
BARODA AERODROME	0830	38	1012.1	1007.8	+1.0	25.9	20.9	17.6	20.1	62	- 6	1.2	-0.9	6.4	0	3	21	01	2	1	10	4	3	2	1	7	0
	1130	38	1011.8	1007.5	..	33.4	22.5	15.6	17.7	37	..	1.0	..	7.0	0	1	27	01	4	7	4	2	4	2	1	3	3
	1730	38	1008.2	1004.0	+0.7	33.9	21.7	13.4	15.4	31	-12	1.8	-0.3	6.2	0	0	23	03	2	4	4	3	1	4	2	8	0
BARODA	0530	34	1010.1	1006.1	..	22.5	19.4	17.3	19.7	73	..	0.8	..	0.5	0	0	7	00	1	1	0	0	2	3	0	24	0
	0830	34	1012.1	1008.1	+0.4	25.2	20.7	17.8	20.4	65	-11	0.8	-0.8	0.8	0	0	9	00	2	1	0	0	3	2	1	22	0
	1130	34	1012.0	1008.1	..	33.5	23.1	16.6	18.9	39	..	0.3	..	1.2	0	0	15	00	4	2	1	0	3	4	1	16	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lic. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																											
BARODA	1730	34	1008.3	1004.4	+0.3	34.4	22.8	15.6	17.7	35	-17	1.0	-0.7	1.0	0	0	11	00	3	0	0	0	2	3	3	20	0
	2330	34	1010.7	1006.7	..	25.5	20.4	17.1	19.5	60	..	0.5	..	0.4	0	0	3	00	0	0	0	0	2	1	0	28	0
BROACH	0830		..	..	..	..	..	..	..	..	..	1.4	-0.5	4.8	0	0	31	00	5	2	11	6	4	0	3	0	0
	1730		..	..	..	..	..	..	..	..	..	1.0	-1.3	4.5	0	0	31	00	8	0	11	0	9	0	3	0	0
SURAT	0530	12	1009.7	1008.7	..	23.4	21.4	20.1	23.5	82	..	1.5	..	6.2	0	0	29	00	10	0	13	0	6	0	0	2	0
	0830	12	1012.1	1010.7	+0.6	25.7	21.9	19.5	22.7	69	- 1	1.6	-1.1	4.6	0	0	27	00	11	0	11	0	5	0	0	4	0
	1130	12	1012.3	1011.0	..	32.2	23.9	19.5	22.7	49	..	1.7	..	8.4	0	1	30	00	13	0	8	0	5	0	5	0	0
	1730	12	1008.6	1007.3	+0.7	33.0	24.1	19.3	22.4	46	- 2	1.7	-1.2	8.5	0	2	29	00	8	0	4	0	13	0	6	0	0
	2330	12	1010.8	1009.5	..	25.9	22.7	20.9	24.7	75	..	0.6	..	5.5	0	0	23	00	8	0	0	0	10	0	5	8	0
SAURASHTRA AND KUTCH (INCLUDING DIU)																											
NALIYA	0830	21	1011.5	1008.8	-0.1	24.4	21.1	18.9	21.8	74	-12	0.2	-1.8	4.5	0	0	21	02	7	4	1	1	4	0	2	10	0
	1730	21	1009.0	1006.6	+0.4	32.1	22.9	16.9	19.3	44	- 8	1.0	-0.7	11.3	0	2	29	00	1	0	0	0	15	12	3	0	0
BHUJ (RUDRAMATA)	0230	80	1009.9	1001.0	..	24.4	20.7	18.3	21.0	71	..	0.2	..	2.8	0	0	10	00	0	0	0	0	7	2	1	21	0
	0530	80	1010.0	1000.8	..	22.7	20.2	18.5	21.3	78	..	0.2	..	2.9	0	0	10	00	0	0	0	0	5	4	1	21	0
	0830	80	1011.7	1002.5	-0.2	25.7	22.2	20.2	23.7	73	+ 9	0.5	-0.5	3.7	0	1	10	03	0	0	0	0	4	2	2	20	0
	1130	80	1011.7	1002.8	..	32.7	23.7	18.6	21.4	45	..	0.3	..	13.8	0	5	24	08	2	2	2	1	2	7	5	2	0
	1430	80	1008.9	1000.1	..	35.9	23.1	15.2	17.3	30	..	1.3	..	13.7	0	7	23	04	4	2	1	4	9	3	3	1	0
	1730	80	1008.2	999.3	+0.1	34.7	22.5	15.0	17.0	32	+ 6	1.9	+0.5	13.9	0	8	20	03	4	3	1	1	9	5	2	3	0
	2030	80	1010.1	1001.0	..	29.8	22.1	17.5	20.0	49	..	0.6	..	10.6	0	4	22	02	2	0	0	1	12	8	1	5	0
	2330	80	1010.8	1001.6	..	26.1	21.4	18.5	21.3	65	..	0.3	..	5.3	0	0	17	00	0	0	0	0	9	5	3	14	0
KANDLA AERODROME	0830	35	1012.1	1008.1	..	26.8	21.4	17.9	20.5	61	..	0.5	..	15.0	0	9	19	04	0	1	0	1	3	0	19	3	0
	1130	35	1012.1	1008.2	..	33.3	22.4	15.4	19.9	36	..	0.4	..	15.7	0	10	19	06	2	3	0	1	3	4	8	2	2
	1730	35	1008.4	1004.6	..	34.7	22.1	13.6	15.6	30	..	1.0	..	17.2	0	8	22	04	2	0	6	8	9	1	0	1	0
NEW KANDLA	0830	14	1011.8	1010.2	-0.2	26.0	21.0	17.7	20.2	62	- 6	1.0	-0.3	9.5	0	1	28	11	2	0	0	1	3	4	8	2	0
	1730	14	1008.8	1007.2	-0.1	33.8	22.3	14.8	16.8	34	- 9	1.1	-0.6	12.4	0	4	24	00	1	1	3	3	11	9	0	3	0
MANDVI	0830	9	1012.2	1011.1	+1.2	26.2	21.4	18.0	20.6	65	-12	1.1	-0.7	12.9	0	2	28	05	1	2	1	0	5	9	7	1	0
	1730	9	1009.5	1008.4	+1.1	29.9	24.8	22.4	27.1	65	- 5	1.8	-0.2	24.5	0	25	6	00	0	0	1	1	9	20	0	0	0
SURENDRANAGAR	0830	74	1012.0	1003.6	+0.8	27.9	21.0	16.7	19.0	52	-15	1.5	-0.2	6.3	0	0	23	06	1	0	1	1	1	4	9	8	0
	1730	74	1008.0	999.8	+0.4	35.1	21.8	13.0	15.0	27	-11	2.6	+0.1	3.5	0	0	19	02	2	3	2	2	3	3	2	12	0
OKHA	0530	7	1010.5	1009.7	..	26.7	24.0	22.8	27.7	79	..	0.4	..	17.7	0	14	16	10	1	0	0	0	4	2	13	1	0
	0830	7	1012.2	1011.4	..	27.5	24.2	22.8	27.7	76	..	0.9	..	17.0	0	12	19	11	1	2	0	0	2	3	12	0	0
	1130	7	1013.0	1012.2	..	29.1	24.5	22.3	26.9	67	..	0.5	..	13.0	0	2	29	10	2	1	0	0	1	4	13	0	0
	1730	7	1009.9	1009.1	..	28.8	25.2	23.4	28.8	74	..	1.0	..	19.0	0	14	17	02	0	2	0	0	1	7	19	0	0
	2330	7	1011.6	1010.8	..	27.2	24.8	23.5	28.9	81	..	0.5	..	17.7	0	14	16	05	0	0	0	0	3	6	16	1	0
JAMNAGAR AERODROME	0530	23	1010.6	1008.0	..	22.0	20.5	19.5	22.7	87	..	0.6	..	4.8	0	0	23	02	0	1	1	0	10	4	5	8	0
	0830	23	1012.2	1009.6	+0.2	26.0	22.9	21.3	25.3	75	- 1	0.8	-1.4	4.8	0	0	20	04	1	1	0	2	6	4	2	11	0
	1130	23	1012.5	1010.0	..	31.7	23.5	18.9	21.8	48	..	1.0	..	11.1	0	1	28	06	10	2	0	0	0	6	5	2	0
	1730	23	1009.2	1006.7	+1.3	32.0	23.2	18.0	20.6	47	+ 0	1.3	-0.7	12.9	0	2	27	07	3	0	0	0	4	7	8	1	0
	2330	23	1011.3	1008.7	..	25.5	23.1	21.9	26.3	81	..	0.6	..	5.7	0	0	27	05	2	0	0	0	2	12	6	4	0
DWARKA	0830	11	1011.5	1010.2	-0.5	27.4	24.1	22.4	27.1	75	- 4	0.5	-1.4	9.5	0	1	30	11	7	0	0	0	2	4	7	0	0
	1730	11	1009.5	1008.2	+0.4	29.4	24.9	22.7	27.6	69	- 2	0.7	-0.8	15.0	0	4	27	06	2	0	0	0	1	7	15	0	0
RAJKOT	0530	138	1010.2	994.4	..	21.9	19.2	17.0	19.4	76	..	0.7	..	7.3	0	0	22	01	3	0	0	3	7	3	5	8	0
	0830	138	1011.9	996.3	+0.2	25.4	21.3	18.6	21.4	69	- 1	0.2	-1.6	8.0	0	2	18	03	2	0	1	0	6	2	6	11	0
	1130	138	1011.7	996.4	..	32.2	21.7	14.8	16.8	37	..	0.1	..	16.3	0	11	19	07	7	1	0	0	3	1	11	1	0
	1430	138	1008.7	993.6	..	35.1	21.7	12.5	14.5	27	..	0.5	..	11.2	0	3	27	08	9	2	1	0	4	2	4	1	0
	1730	138	1008.1	992.9	+0.6	34.4	21.1	11.5	13.6	27	- 4	0.8	-1.5	13.4	0	7	21	04	6	2	3	0	4	1	7	3	1
BHAUNAGAR AERODROME	0830	11	1012.1	1010.9	+1.0	26.8	20.7	15.8	17.9	53	- 7	1.4	-0.6	11.7	0	3	25	02	1	0	0	1	2	9	13	3	0
	1130	11	1012.1	1010.9	..	32.6	22.1	15.3	17.4	37	..	0.9	..	16.6	0	13	18	06	11	10	1	0	1	1	1	0	0
	1730	11	1008.6	1007.4	+0.2	33.9	22.0	13.9	15.9	32	- 2	1.7	-2.6	17.0	0	12	18	01	4	7	9	8	0	0	0	1	1
PORBANDER AERODROME	0830	7	1011.9	1011.1	+1.0	26.9	23.1	21.0	24.9	72	- 8	0.8	-1.0	9.2	0	1	27	06	4	2	4	0	2	1	9	3	0
	1130	7	1012.1	1011.3	..	33.2	23.4	17.5	20.0	43	..	0.5	..	14.5	0	11	20	06	7	1	2	0	7	2	5	0	1
	1730	7	1009.1	1008.3	+0.9	31.4	24.1	20.2	23.7	54	-10	1.5	-1.2	21.9	0	24	7	01	0	0	1	0	12	15	2	0	0
KESHOD	0830	51	1011.8	1006.0	+0.3	24.7	21.2	18.9	21.8	72	- 1	1.3	-0.5	6.7	0	0	30	02	18	5	0	1	2	1	1	1	0
	1130	51	1011.8	1006.1	..	32.4	22.0	14.8	26.8	38	..	0.9	..	15.8	0	8	23	11	12	2	0	0	0	4	2	0	0
	1730	51	1008.5	1002.8	+0.2	32.3	22.1	15.1	17.1	40	- 4	1.8	+0.0	22.1	0	19	11	01	5	0	0	0	8	13	3	0	0
MAHUVA	0830	9	1011.1	1010.1	..	25.5	20.9	17.8	20.4	64	..	3.1	..	3.0	0	0	29	19	4	1	0	0	1	0	4	2	0
	1730	9	1008.3	1007.3	..	31.6	23.8	19.4	22.5	50	..	3.1	..	6.9	0	2	28	00	0	5	13	7	3	0	1	1	1
VERAVAL	0230	8	1009.8	1008.9	..	24.6	22.6	21.5	25.6	83	..	1.4	..	7.0	0	2	20	10	2	0	0	0	1	6	3	9	0
	0530	8	1009.4	1008.9	..	23.5	21.6	20.5	24.1	84	..	1.5	..	7.7	0	1	26	16	5	1	0	0	0	4	1	4	0
	0830	8	1011.6	1010.7	+0.1	25.7	22.5	20.6	24.3	75	+ 7	1.4	-0.8	6.7	0	2	19	06	9	1	0	0	0	4	1	10	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mb.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SAURASHTRA AND KUTCH (INCLUDING DIU)																											
VERAVAL	1130	8	1011.9	1011.0	..	32.9	24.6	19.8	23.1	50	..	1.3	..	11.2	0	8	19	06	9	1	1	2	1	7	0	4	0
	1430	8	1009.5	1008.6	..	32.4	26.9	24.5	30.7	65	..	2.2	..	18.6	0	12	19	00	1	1	1	4	9	13	2	0	0
	1730	8	1009.0	1008.1	+0.8	30.3	26.2	24.5	30.7	72	- 3	2.2	-0.2	16.1	0	11	18	02	0	0	0	3	5	15	4	2	0
	2030	8	1010.7	1009.8	..	28.5	25.2	23.8	29.5	76	..	1.2	..	8.3	0	5	17	02	0	0	1	1	0	8	10	9	0
	2330	8	1011.2	1010.3	..	26.1	23.6	22.3	26.9	80	..	1.1	..	6.4	0	2	18	07	2	1	0	0	0	5	5	11	0
DIU	0830	15	1011.5	1009.7	..	27.2	22.0	18.2	20.9	62	..	1.3	..	2.5	0	0	12	08	1	0	0	0	0	2	1	19	0
	1730	15	1009.2	1007.5	..	30.3	26.0	23.7	29.3	68	..	1.3	..	11.2	0	3	25	00	0	2	5	8	6	7	0	3	0
KONKAN (INCLUDING GOA)																											
DAMANU	0830	5	1011.1	1011.0	+1.2	25.6	23.5	22.4	27.1	84	+ 7	0.8	-2.3	4.5	0	0	30	00	2	14	14	0	0	0	0	1	0
	1730	5	1008.5	1008.3	+1.3	30.1	27.9	27.1	35.9	85	+11	1.0	-1.7	9.4	0	0	31	03	2	0	0	0	4	3	19	0	0
BOMBAY (SANTACRUZ)	0230	14	1009.3	1007.7	..	23.6	21.8	20.8	24.6	84	..	2.0	..	4.6	0	0	21	01	7	9	2	1	0	0	1	10	0
	0530	14	1009.5	1007.8	..	22.8	21.3	20.4	24.0	87	..	1.7	..	5.5	0	0	26	02	7	13	3	0	0	0	1	5	0
	0830	14	1011.6	1010.0	+1.1	27.3	23.0	20.7	24.0	68	- 7	2.5	-1.3	6.6	0	0	28	00	8	16	4	0	0	0	0	3	0
	1130	14	1011.4	1009.8	..	32.2	23.9	19.2	22.2	48	..	2.7	..	9.0	0	0	31	02	8	9	4	2	3	1	2	0	0
	1430	14	1008.6	1007.0	..	33.0	24.5	19.8	23.1	49	..	2.7	..	12.3	0	3	27	01	3	4	0	1	2	9	10	1	0
	1730	14	1008.4	1006.8	+0.8	30.6	24.4	21.2	25.2	59	- 6	2.7	-0.8	13.1	0	0	31	04	1	0	0	0	3	7	16	0	0
	2030	14	1010.4	1008.8	..	26.9	23.6	21.9	26.3	75	..	2.0	..	8.0	0	1	24	12	1	1	2	0	4	1	4	6	0
	2330	14	1010.7	1009.0	..	24.5	22.4	21.3	25.3	83	..	1.6	..	4.6	0	1	17	05	3	7	0	0	1	1	1	13	0
BOMBAY	0830	11	1011.5	1010.3	+0.6	26.7	23.7	22.4	27.1	78	- 2	1.9	-1.3	7.1	0	0	31	01	12	11	2	0	5	0	0	0	0
	1130	11	1011.5	1010.3	..	31.0	24.6	21.3	25.3	57	..	2.0	..	6.6	0	0	31	00	8	13	4	4	1	0	1	0	0
	1730	11	1008.4	1007.2	+0.4	30.1	24.6	21.9	26.3	63	-11	2.1	-0.7	10.0	0	2	28	03	1	0	0	1	4	3	18	1	0
ALIBAG	0830	7	1011.3	1010.5	+0.1	26.5	23.9	22.5	27.3	79	+ 0	2.7	-0.7	5.0	0	0	27	02	4	14	6	1	0	0	0	4	0
SHIRA	0830	96	1011.1	1000.2	..	25.6	20.8	17.2	19.6	66	..	1.8	..	3.0	0	0	19	00	6	6	4	1	1	1	0	12	0
	1730	96	1007.5	996.8	..	29.6	24.5	21.9	26.3	65	..	3.0	..	2.6	0	0	27	00	1	2	15	1	5	3	0	4	0
HARNAI	0830	20	1010.9	1008.6	+0.7	27.8	22.1	18.8	21.7	59	-18	2.4	-2.0	6.2	0	4	6	00	0	8	0	2	0	0	0	21	0
	1730	20	1008.2	1005.9	+0.7	29.8	25.3	22.9	27.9	68	-10	2.6	-1.9	12.5	0	5	22	00	1	0	0	3	1	17	5	4	0
RATNAGIRI	0830	35	1010.8	1007.1	+0.7	25.9	22.4	20.3	23.8	73	- 9	4.6	+0.3	5.8	0	0	30	00	1	13	12	0	0	0	0	1	4
	1730	35	1008.1	1004.2	+0.5	29.2	24.8	22.7	27.6	69	- 7	4.6	+0.1	10.1	0	3	28	02	0	1	0	1	4	12	9	0	2
DEVGARH	0830	36	1011.1	1007.1	+0.7	25.9	22.9	21.3	25.3	77	- 8	4.1	-0.6	7.9	0	0	31	00	9	13	7	2	0	0	0	0	0
	1730	36	1008.0	1003.9	+0.4	29.8	25.7	23.8	29.5	71	- 7	4.2	-0.6	16.4	0	8	23	00	0	0	0	4	3	8	16	0	0
VENGURLA	0230	9	1009.7	1008.7	..	23.3	22.4	21.8	26.1	91	..	2.7	..	1.1	0	0	8	04	1	1	1	0	1	0	0	23	0
	0530	9	1009.4	1008.4	..	22.7	21.9	21.4	25.5	93	..	3.1	..	2.5	0	0	14	08	2	3	1	0	0	0	0	17	0
	0830	9	1011.5	1010.5	+0.7	26.0	22.9	21.2	25.2	77	- 8	3.4	-1.3	2.8	0	0	18	01	5	3	6	1	0	1	1	13	0
	1130	9	1011.2	1010.2	..	30.7	24.3	20.9	24.7	59	..	3.0	..	5.2	0	0	28	00	5	3	4	7	8	0	1	3	0
	1730	9	1008.3	1007.3	+0.4	29.2	24.9	22.9	27.9	70	- 6	4.5	-0.8	5.4	0	1	26	01	1	0	0	5	7	9	4	4	0
	2330	9	1010.8	1009.8	..	24.1	23.0	22.5	27.3	91	..	2.6	..	1.3	0	0	8	05	0	1	2	0	0	0	0	23	0
PANJIM	0530	60	1008.7	1002.1	..	23.6	22.8	22.1	26.6	89	..	3.6	..	8.4	0	0	31	00	7	16	5	1	1	0	1	0	0
	0830	60	1011.1	1004.1	..	25.0	22.7	21.5	25.6	81	..	5.1	..	9.0	0	0	29	00	7	14	6	1	0	1	0	2	0
	1130	60	1010.7	1004.0	..	29.5	23.7	20.6	24.3	63	..	4.7	..	8.6	0	2	25	00	5	5	7	5	2	2	1	4	0
	1430	60	1007.7	1001.2	..	30.6	24.6	21.5	25.6	60	..	4.7	..	13.0	0	3	27	00	3	0	0	2	19	6	0	1	0
	1730	60	1007.2	1000.9	..	28.7	24.7	23.2	28.4	70	..	5.4	..	33.6	1	2	28*	04	3	0	2	3	6	9	4	0	0
	2030	60	1009.9	1003.1	..	26.3	23.7	22.4	27.1	78	..	4.9	..	8.0	0	1	28	05	8	3	4	2	3	1	3	2	0
	2330	60	1010.2	1003.4	..	25.3	23.5	22.6	27.4	85	..	3.8	..	7.5	0	0	31	03	7	11	3	4	0	0	3	0	0
MORMUGAO	0530	62	1008.9	1001.9	..	24.8	23.3	22.5	27.3	88	..	5.1	..	7.5	0	2	23	00	2	15	4	3	0	1	0	6	0
	0830	62	1010.6	1003.7	-0.1	26.5	23.4	21.8	26.1	77	- 5	5.2	+0.8	10.5	0	4	24	00	2	17	5	3	1	0	0	3	0
	1130	62	1010.4	1003.5	..	29.1	24.2	21.6	25.8	66	..	4.7	..	10.5	0	5	23	03	3	5	4	5	5	2	1	3	0
	1730	62	1007.4	1000.5	-0.4	28.6	24.8	23.0	28.1	73	- 5	5.4	+0.7	12.8	0	7	24	02	1	1	1	6	12	7	1	0	0
DABOLIM (NAVAL AIR STN.)	0530	52	1009.2	1003.3	..	23.9	22.7	22.1	26.1	90	..	4.5	..	3.5	0	0	14	00	4	5	1	3	0	0	1	17	0
	0830	52	1011.4	1005.5	..	26.1	22.9	21.1	25.0	75	..	4.8	..	6.7	0	1	19	00	7	6	1	4	2	0	0	11	0
	1130	52	1011.0	1005.3	..	29.2	23.9	21.0	24.9	65	..	4.5	..	7.8	0	2	23	02	1	5	2	11	2	2	0	6	0
	1730	52	1008.0	1002.2	..	28.9	24.2	21.7	25.9	67	..	5.3	..	13.5	0	3	27	03	2	0	0	5	1	12	7	1	0
	2330	52	1010.6	1004.7	..	25.6	23.7	22.7	27.6	85	..	4.6	..	3.0	0	0	10	01	6	2	0	0	0	1	0	21	0
MADHYA MAHARASHTRA																											
NANDURBAR	0830	206	1012.0	988.9	+0.4	27.1	20.2	15.2	17.3	51	-11	0.5	-1.3	2.6	0	0	10	00	1	0	1	0	5	0	3	21	0
	1730	206	1008.3	985.7	+0.9	31.9	21.4	13.6	25.6	38	- 7	1.1	-1.3	2.7	0	0	14	00	6	0	1	0	4	0	3	17	0
JALGAON	0830	201	1012.7	989.7	+0.9	23.3	18.8	15.5	27.3	63	- 7	1.8	-0.4	9.0	0	0	31	00	3	15	6	0	1	5	1	0	0
	1730	201	1007.9	985.7	+1.2	32.8	20.4	11.0	13.1	29	-10	2.3	-0.4	10.5	0	0	30	01	6	19	1	0	0	1	2	1	0
MALEGAON	0830		(R)																								
	1730		(R)																								

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations													
			At mean sea level or lt. in gen. of nearest standard isobaric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		Wind speed (Km. p. h.)			Wind direction										
															0 or calm	2 to 61	1 to 10	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA MAHARASHTRA (CONTD.)																												
OZAR	0230	608	1011.2	942.6	..	18.2	16.0	14.2	16.2	78	..	2.1	..	3.4	0	0	12	00	0	0	1	1	2	5	3	19	0
	0530	608	1011.5	942.7	..	17.3	15.5	14.0	16.0	81	..	2.0	..	2.9	0	1	8	00	0	0	0	0	1	5	3	22	0
	0830	608	1012.3	944.6	..	22.9	18.2	14.8	16.8	63	..	2.1	..	4.1	0	1	10	02	2	2	0	0	0	4	1	20	0
	1130	608	1010.7	944.4	..	28.6	19.7	13.5	15.5	43	..	2.5	..	13.7	0	6	22	00	2	8	13	1	0	4	0	3	0
	1430	608	1007.5	941.7	..	29.9	19.3	11.7	13.7	36	..	3.4	..	11.7	0	3	24	01	4	13	3	2	0	2	2	4	0
	1730	608	1007.6	941.4	..	28.3	19.0	12.3	14.3	41	..	3.4	..	8.8	0	5	16	02	3	7	1	0	0	2	6	10	0
	2030	608	1011.0	943.4	..	22.5	17.9	14.4	16.4	63	..	2.7	..	7.3	0	0	20	03	2	0	0	2	0	3	10	11	0
	2330	608	1012.0	943.6	..	19.7	16.7	14.4	16.4	73	..	2.0	..	4.1	0	0	14	00	0	0	0	3	1	6	4	17	0
AHMADNAGAR	0830	657	1012.2	939.2	+0.6	22.1	17.5	14.1	11.9	63	- 5	2.7	-0.5	3.3	0	0	19	04	1	0	4	0	2	0	8	11	0
	1730	657	1007.0	935.9	+0.6	28.8	19.2	12.7	14.7	40	- 7	4.2	+0.1	8.7	0	2	27	02	15	3	4	0	0	1	4	2	0
POONA AERODROME	0230	593	1010.5	944.0	..	20.8	18.0	16.3	18.4	80	..	2.2	..	4.7	0	0	13	00	1	1	0	1	0	10	0	18	0
	0530	593	1010.9	944.0	..	18.6	17.3	16.3	18.5	87	..	2.0	..	4.9	0	0	15	00	0	0	0	0	1	14	0	16	0
	0830	593	1012.1	945.8	..	21.9	18.7	16.6	18.9	73	..	3.0	..	4.3	0	0	13	00	3	1	0	0	0	9	0	18	0
	1130	593	1010.6	945.8	..	28.6	20.4	15.2	17.6	47	..	3.3	..	17.2	0	6	23	01	2	20	2	0	0	3	1	2	0
	1730	593	1006.9	942.4	..	29.0	20.0	13.9	15.9	45	..	4.3	..	16.8	0	10	17	00	6	11	1	1	0	7	1	4	0
	2330	593	1011.3	945.0	..	21.6	18.4	16.1	18.3	73	..	2.2	..	9.9	0	0	24	00	2	1	0	0	1	17	3	7	0
POONA	0530	559	1011.8	948.2	..	17.1	16.4	15.9	18.1	92	..	1.9	..	0.2	0	0	1	00	0	1	0	0	0	0	0	30	0
	0830	559	1012.8	950.1	+0.8	22.0	19.0	17.2	19.6	75	+ 1	2.7	-0.7	0.9	0	0	4	00	0	1	0	0	0	3	0	27	0
	1130	559	1011.0	949.8	..	28.3	20.3	15.3	17.4	47	..	3.9	..	6.2	0	1	23	01	1	17	2	1	0	2	0	7	0
	1430	559	1007.4	946.8	..	30.6	20.3	13.7	15.7	38	..	4.4	..	4.1	0	0	24	01	1	14	1	1	0	4	2	7	0
	1730	559	1007.7	946.7	+0.9	28.3	19.8	14.2	16.2	47	- 6	4.9	+0.5	3.1	0	0	16	00	2	4	1	0	0	6	3	15	0
	2030	559	1011.1	948.7	..	22.9	18.8	16.1	18.3	67	..	2.7	..	1.2	0	0	8	00	0	0	0	0	1	5	2	23	0
	2330	559	1012.2	949.2	..	20.1	17.8	16.4	18.6	80	..	2.2	..	0.3	0	0	2	00	0	0	0	0	0	2	0	29	0
JEUR	0830	521	1012.0	953.9	+1.3	24.3	20.1	17.6	20.1	68	- 3	2.1	-1.4	2.8	0	0	31	05	11	5	0	4	1	2	3	0	0
	1730	521	1006.9	950.3	+1.4	29.7	21.6	17.0	19.4	49	+ 1	2.7	-1.8	3.8	0	0	31	12	6	5	1	3	0	3	1	0	0
BARAMATI	0830	551	1012.2	950.9	+1.1	23.2	19.7	17.6	20.1	72	+ 0	2.4	-1.1	6.3	0	0	28	01	4	8	2	0	0	8	5	3	0
	1730	551	1006.8	947.0	+0.9	29.6	21.8	17.4	19.9	51	+ 4	3.1	-1.3	8.9	0	1	28	05	8	3	6	1	0	1	5	1	0
SHOLAPUR	0530	479	1010.4	956.4	..	20.8	18.3	16.6	18.9	78	..	2.5	..	4.8	0	0	28	03	10	2	6	2	4	1	0	3	0
	0830	479	1012.2	958.7	+0.9	23.9	19.7	17.1	19.5	68	+ 0	2.9	-0.6	5.9	0	0	31	08	19	0	0	0	3	0	1	0	0
	1130	479	1010.5	958.0	..	29.3	21.2	16.5	18.8	50	..	3.6	..	7.7	0	0	31	01	14	6	5	0	0	3	2	0	0
	1430	479	1007.1	955.0	..	31.0	21.3	15.5	17.6	42	..	4.0	..	7.4	0	0	31	01	10	7	5	0	3	1	4	0	0
	1730	479	1006.8	954.6	+0.6	30.1	20.5	14.6	16.6	42	- 4	4.0	-0.5	6.7	0	0	31	05	18	4	0	1	3	0	0	0	0
	2330	479	1011.0	957.5	..	23.5	19.2	16.4	18.6	67	..	2.8	..	6.5	0	0	29	01	12	5	6	0	1	2	2	2	0
MIRAJ	0830		..	..	..	25.0	20.7	18.3	21.0	68	- 8	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	.
	1730		..	..	..	27.2	21.2	17.9	20.5	57	+ 5	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	.
KOLHAPUR	0530	570	1010.3	946.3	+0.3	19.7	18.1	17.1	19.5	85	+33	3.1	-1.8	1.5	0	0	7	00	2	3	0	0	0	1	1	24	0
	0830	570	1011.8	948.3	+0.9	22.6	19.4	17.5	20.0	75	- 6	4.0	-0.6	3.2	0	0	16	01	10	1	0	0	0	3	1	15	0
	1130	570	1010.6	948.2	..	27.8	21.1	17.3	19.7	56	..	4.5	..	8.8	0	0	26	00	9	8	3	1	1	4	0	5	0
	1730	570	1007.2	945.0	+0.9	27.6	20.7	16.5	18.8	55	- 6	5.2	+0.0	9.8	0	1	29	00	14	6	0	0	5	4	1	1	0
	2330	570	1011.0	947.4	..	22.0	19.3	17.6	20.1	77	..	3.8	..	2.6	0	0	13	00	5	2	0	0	0	4	1	18	1
NASIK	0830		..	..	..	24.0	20.9	19.4	22.5	76	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	.
SANGLI	0830	549	1011.9	950.5	..	22.4	19.1	17.1	19.5	73	..	4.2	..	4.3	0	0	24	05	0	3	0	2	0	10	4	7	0
MARATHWADA	1730	549	1006.9	947.0	..	27.9	20.3	15.6	17.7	52	..	4.8	..	8.1	0	1	28	05	8	5	0	0	2	8	1	2	0
AURANGABAD	0830	581	1012.6	948.2	+0.8	24.3	18.4	14.3	16.3	56	- 8	2.6	-0.2	2.7	0	0	17	00	3	11	1	0	0	2	0	14	0
	1730	581	1008.1	945.0	+0.9	29.4	18.8	11.1	13.2	36	-10	3.4	-0.6	10.2	0	1	28	03	12	5	1	0	0	4	4	2	0
AURANGABAD (CHIKALTHANA)	0230	579	1011.1	945.6	..	18.4	15.8	13.8	15.8	75	..	2.7	..	2.1	0	0	8	00	0	2	0	0	0	6	0	23	0
	0530	579	1011.6	945.9	..	17.2	15.1	13.5	15.5	79	..	2.2	..	1.7	0	0	5	00	0	1	1	0	0	3	0	26	0
	0830	579	1011.9	947.7	+0.9	24.7	19.0	15.5	17.6	58	- 3	2.3	-0.6	6.6	0	1	16	00	3	4	3	0	0	3	2	14	0
	1130	579	1010.5	947.4	..	29.5	21.0	16.2	18.4	46	..	2.4	..	17.4	0	9	22	02	12	10	4	0	0	2	1	0	0
	1430	579	1007.1	944.5	..	31.0	21.1	15.3	17.4	40	..	3.4	..	16.1	0	9	22	07	12	6	2	0	0	1	2	0	1
	1730	579	1007.3	944.3	+0.8	29.0	20.1	14.7	16.7	43	- 3	3.9	-0.3	12.3	0	0	30	08	15	2	1	0	0	1	3	1	0
	2030	579	1010.8	946.4	..	23.1	17.7	14.1	16.1	58	..	2.7	..	5.7	0	0	16	04	6	2	1	0	0	2	1	15	0
	2330	579	1012.0	946.8	..	19.7	16.1	13.5	15.5	68	..	2.4	..	2.8	0	0	8	00	2	3	0	0	0	3	0	23	0
PARBHANI	0830	423	1012.5	965.1	+1.2	24.4	19.0	15.2	17.3	58	-10	1.9	-1.4	5.7	0	0	27	07	10	4	0	1	0	5	0	4	0
NANDER	1730	423	1007.7	961.4	+1.1	30.0	19.2	10.6	12.8	33	-16	3.1	-0.8	13.2	0	3	27	04	14	7	4	0	0	0	1	1	0
	0830	358	1012.7	972.3	..	23.8	19.6	16.8	19.1	66	..	1.4	..	3.9	0	0	23	01	3	0	2	0	7	0	10	8	0
	1730	358	1008.1	968.6	..	30.0	21.3	15.9	18.1	44	..	0.9	..	4.6	0	0	23	00	12	0	2	0	1	0	8	8	0
BIR	0830	519	1013.0	954.7	..	21.7	18.6	16.7	19.0	74	..	2.5	..	1.7	0	0	15	03	1	0	2	4	2	2	1	16	0
	1730	519	1007.6	951.0	..	29.9	19.8	15.4	15.4	39	..	2.4	..	6.1	0	0	30	02	16	2	5	1	1	0	3	1	0
VIDARBHA																											
GONDIA	0830	313	1012.1	976.8	+1.0	24.5	20.9	18.6	21.8	71	- 6	2.0	-1.5	1.5	0	0	19	06	5	0	0	1	2	0	5	12	0
	1730	313	1008.1	973.4	+0.9	29.5	22.1	17.7	20.5	51	- 8	1.9	-2.0	0.9	0	0	13	06	1	3	0	0	0	1	2	18	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS— OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or lower standard isobaric level	At station level	Departure from normal	Mean temperature in °C: Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.): 62 or more	20 to 61	1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
VIDARBHA(CONTD)																											
NAGPUR(SONEGAON)	0230	310	1009.9	974.5	..	20.6	18.3	16.7	19.3	79	..	2.0	..	2.8	0	0	18	06	0	0	0	0	0	1	11	13	0
	0530	310	1010.5	975.0	..	19.5	17.6	16.3	18.5	82	..	1.7	..	3.1	0	0	19	05	0	1	0	0	0	0	13	12	0
	0830	310	1012.1	977.1	+1.0	25.0	20.1	17.0	19.5	62	- 9	2.3	-1.2	5.8	0	0	28	10	9	0	1	1	0	1	6	3	0
	1130	310	1010.5	976.3	..	30.6	22.2	17.3	19.9	46	..	2.4	..	8.9	0	1	28	07	10	5	1	3	2	1	0	2	0
	1430	310	1007.3	973.2	..	32.0	22.2	16.3	18.8	40	..	3.2	..	8.8	0	0	29	09	9	4	1	1	0	1	3	2	1
	1730	310	1007.7	973.4	+0.8	29.4	21.3	16.2	18.8	46	- 8	2.9	-1.2	5.3	0	0	24	06	7	5	2	1	0	1	2	7	0
	2030	310	1010.6	975.6	..	24.0	19.7	16.9	19.5	65	..	2.1	..	2.3	0	0	18	03	7	2	0	0	1	1	4	13	0
	2330	310	1011.0	975.7	..	21.9	18.8	16.7	19.3	73	..	1.9	..	4.3	0	0	24	10	1	0	0	0	0	2	11	7	0
AMRAOTI	0830	370	1011.9	970.4	+0.6	25.5	18.8	13.7	16.3	50	-10	1.2	-1.7	2.8	0	0	29	05	14	4	0	0	1	2	3	2	0
	1730	370	1007.6	967.1	+1.2	31.0	19.6	10.5	13.6	30	-15	2.5	-1.8	5.5	0	0	31	06	7	10	5	0	0	0	3	0	0
AKOLA AERODROME	0530	309	1010.2	974.8	..	19.6	16.1	13.1	15.5	67	..	2.4	..	4.8	0	0	30	02	2	7	5	5	2	5	2	1	0
	0830	309	1011.6	976.7	..	24.4	18.4	13.8	16.3	53	..	2.7	..	5.6	0	0	29	01	3	9	2	2	3	6	3	2	0
	1130	309	1010.6	976.4	..	30.9	20.6	13.1	15.9	36	..	2.8	..	7.8	0	0	31	04	11	3	2	2	0	4	5	0	0
	1430	309	1007.0	973.3	..	33.4	20.4	10.5	13.4	26	..	3.7	..	9.5	0	0	31	07	9	3	2	0	0	1	9	0	0
	1730	309	1006.7	972.8	..	31.6	19.9	10.9	13.7	30	..	3.6	..	7.2	0	0	30	06	11	4	2	0	0	2	5	1	0
	2030	309	1009.3	974.7	..	26.1	18.3	12.0	14.7	44	..	2.6	..	6.8	0	0	31	07	6	2	4	1	1	4	6	0	0
	2330	309	1010.3	975.3	..	23.0	16.9	11.7	14.3	51	..	2.5	..	7.5	0	0	31	02	3	12	4	1	3	3	3	0	0
AKOLA	0830	282	1012.5	980.5	+1.1	23.5	18.4	14.8	17.0	59	- 7	1.6	-1.1	2.6	0	0	17	00	1	1	7	0	4	0	4	14	0
	1730	282	1007.8	976.8	+1.1	31.9	20.8	13.0	15.5	34	- 7	2.9	-0.3	6.3	0	0	27	00	10	0	6	0	2	1	8	4	0
BRAHMAPURI	0830	229	1012.2	986.2	+0.6	23.7	20.9	19.2	22.4	77	- 3	2.6	-1.2	3.1	0	0	25	14	4	0	2	3	0	0	2	6	0
	1730	229	1007.9	982.5	+0.4	30.1	22.5	18.0	21.0	50	- 8	3.3	-0.5	3.2	0	0	24	12	9	0	1	0	0	1	1	7	0
BULDANA	0830	650	1011.8	940.0	+1.4	24.5	19.0	15.6	17.9	59	- 8	1.4	-2.0	5.5	0	0	23	00	1	6	6	5	0	0	5	8	0
	1730	650	1007.7	937.2	+1.5	28.6	20.4	16.0	17.9	47	- 2	2.7	-0.9	2.9	0	0	25	08	6	1	5	0	0	0	5	6	0
YEOTMAL	0830	451	1011.8	961.5	+1.2	25.5	19.0	13.9	16.7	51	-17	2.4	-1.1	5.4	0	0	29	08	11	2	2	1	0	2	3	2	0
	1730	451	1007.6	958.1	+0.9	29.0	19.6	12.7	15.2	39	-16	3.0	-0.9	5.9	0	0	29	04	18	4	1	0	0	1	1	2	0
CHANDRAPUR	0830	193	1011.8	989.7	+0.4	22.8	20.2	18.7	21.6	78	+ 2	2.6	-0.4	0.9	0	0	6	00	1	1	0	0	0	2	2	25	0
	1730	193	1007.6	986.0	+0.3	29.3	22.6	18.8	21.8	54	-10	3.1	-0.4	1.2	0	0	7	01	3	2	0	0	0	0	1	24	0
PUSAD	0830	334	1013.3	975.4	..	22.8	18.9	16.0	18.6	67	..	2.9	..	2.2	0	0	29	00	4	0	0	0	4	0	21	2	0
	1730	334	1008.3	971.5	..	30.8	25.5	23.0	28.3	63	..	4.3	..	3.2	0	0	31	00	16	0	6	1	1	0	7	0	0
SIRONCHA	0830	123	1012.0	997.9	+1.2	25.2	22.5	21.1	25.0	78	- 3	2.7	-1.2	1.8	0	0	24	08	3	5	1	2	0	2	3	7	0
	1730	123	1008.1	994.3	+1.2	29.5	23.3	20.0	23.5	56	- 7	3.2	-1.1	2.1	0	0	28	09	12	5	0	0	0	2	0	3	0
WARDHA	0830	283	1011.9	980.1	..	25.9	20.1	16.4	18.8	57	..	1.1	..	3.2	0	0	30	12	10	2	0	0	1	2	3	1	0
	1730	283	1007.9	976.6	..	29.9	21.4	16.0	18.5	45	..	1.1	..	2.9	0	0	29	11	11	1	0	0	1	2	3	2	0
BHANDARA	0830		..	..	..	24.9	20.7	18.1	21.0	67	..	..	..	4.3[d]	0	0	24	03	13	0	1	0	4	0	0	3	3
	1730		..	..	..	28.2	21.6	17.4	20.4	54	..	..	..	3.1[d]	0	0	24	02	12	2	6	0	0	0	0	3	2
COASTAL ANDHRA PRADESH																											
KALINGAPATAM	0830	6	1010.0	1009.2	-0.5	27.1	25.2	24.3	30.4	85	+ 2	3.7	-1.2	8.6[a]	0	2	24	10	1	1	0	1	2	0	7	4	5
	1730	6	1007.1	1006.5	-0.4	27.8	25.6	24.7	30.9	83	+ 8	3.9	-1.8	10.3	0	8	21	05	5	0	1	5	3	1	0	2	9
VISHAKHAPATNAM	0230	3	1008.1	1007.7	..	25.5	24.1	23.5	28.9	89	..	3.6	..	4.7	0	2	18	03	5	1	0	0	3	2	6	11	0
	0530	3	1008.6	1008.2	..	25.2	23.8	23.2	28.3	89	..	5.1	..	5.8	0	2	19	02	4	1	0	1	2	5	6	10	0
	0830	3	1010.5	1010.1	+0.1	27.5	24.6	23.2	28.6	79	+ 1	5.0	+0.5	8.1	0	5	21	02	9	3	0	1	4	2	5	5	0
	1130	3	1009.6	1009.2	..	29.1	25.1	23.0	28.6	70	..	5.5	..	13.9	0	6	23	01	8	5	3	3	4	2	3	2	0
	1430	3	1007.1	1006.7	..	29.4	25.3	23.4	28.9	71	..	5.4	..	18.3	0	15	16	02	2	10	9	2	3	2	1	0	0
	1730	3	1007.7	1007.3	+0.2	28.0	24.9	23.5	28.9	77	- 2	5.9	+0.7	15.1	0	8	22	00	2	13	5	3	3	2	2	1	0
	2030	3	1009.8	1009.4	..	26.8	24.9	24.0	30.0	85	..	4.2	..	9.1	0	3	21	02	4	10	2	0	2	1	3	7	0
	2330	3	1009.7	1009.3	..	26.0	24.5	24.0	29.7	89	..	4.5	..	7.4	0	2	20	04	2	3	0	0	3	1	8	9	1
KAKINADA	0830	8	1010.6	1009.7	+0.2	28.0	25.4	24.3	30.4	81	+ 3	4.9	+0.4	11.3	0	3	26	00	20	1	2	0	5	0	1	2	0
	1730	8	1007.5	1006.7	+0.3	28.4	25.5	24.2	30.4	79	+ 5	5.1	+0.3	13.9	0	8	22	00	15	2	5	0	6	0	2	1	0
NIDADAVOLE	0830	12	1010.9	1009.5	+0.6	26.4	24.1	23.5	28.3	84	- 2	5.6	-0.1	6.3	0	1	30	14	6	2	0	0	4	1	4	0	0
	1730	12	1007.8	1006.4	+0.7	28.3	25.1	23.6	29.3	78	- 3	6.2	-0.4	7.2	0	1	30	00	1	13	4	4	3	4	2	0	0
RENTACHINTALA	0830	106	1011.1	999.0	+0.7	26.5	23.1	21.2	25.5	74	- 2	4.1	-0.7	1.2	0	0	15	04	0	1	0	0	0	10	0	16	0
	1730	106	1007.0	995.2	+0.6	30.1	23.4	19.7	23.2	56	- 1	5.5	-0.3	0.8	0	0	11	03	0	3	0	1	0	3	1	20	0
GANNAVARAM	0230	24	1008.4	1005.7	..	24.6	23.2	22.5	27.3	89	..	3.9	..	3.9	0	1	12	03	1	4	0	0	3	1	1	18	0
	0530	24	1008.8	1006.0	..	24.1	22.9	22.2	26.9	89	..	4.1	..	3.7	0	0	12	02	2	2	1	1	1	3	0	19	0
	0830	24	1010.9	1008.2	+1.0	27.1	24.1	22.6	27.6	77	- 4	4.7	+0.0	8.6	0	1	23	04	6	5	0	2	0	6	1	7	0
	1130	24	1009.9	1007.2	..	30.4	24.7	22.2	26.4	65	..	5.2	..	11.6	0	4	23	05	3	7	5	3	0	2	2	4	0
	1430	24	1007.1	1004.4	..	30.8	24.8	21.8	26.4	60	..	5.2	..	14.1	0	3	27	03	1	11	7	2	1	2	3	1	0
	1730	24	1007.5	1004.8	+0.9	28.4	24.5	22.5	27.6	72	- 4	5.6	-0.1	8.6	0	1	22	03	1	6	5	3	0	3	2	8	0
	2030	24	1009.9	1007.1	..	26.1	23.8	22.8	27.6	83	..	4.2	..	3.0	0	0	15	01	0	7	3	1	0	1	2	16	0
	2330	24	1009.9	1007.2	..	25.3	23.6	22.7	27.6	86	..	4.1	..	4.6	0	0	18	03	1	8	0	2	2	2	0	13	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — OCTOBER ,1968 (ASVINA 9 - KARTIKA 9 ,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mb.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
COASTAL ANDHRA PRADESH (CONTD.)																											
MASULIPATAM	0830	3	1010.7	1010.3	+0.4	26.4	24.1	23.0	28.3	82	- 1	5.7	+1.2	3.2	0	0	29	06	7	5	0	2	4	4	0	2	1
	1730	3	1007.3	1007.0	+0.3	28.4	25.1	23.7	29.3	73	- 3	5.7	+0.8	4.1	0	0	31	03	1	13	6	1	3	1	2	0	1
ONGOLE	0830	12	1010.3	1009.0	+0.5	27.6	24.2	22.4	27.4	74	+ 0	4.1	-0.9	2.5	0	0	23	09	3	1	1	0	0	5	4	8	0
	1730	12	1006.9	1005.6	+0.5	30.1	24.9	22.3	27.3	65	- 4	3.6	-1.6	9.7	0	1	30	02	4	11	6	0	1	3	4	0	0
NELLORE	0530	20	1012.1	1009.9	..	25.1	23.5	22.6	27.6	87	..	5.5	..	3.9	0	0	14	00	0	0	1	1	2	4	6	17	0
	0830	20	1010.8	1008.6	+0.6	26.7	24.2	22.9	28.3	80	+ 1	5.1	+0.1	6.6	0	0	31	00	1	0	4	0	10	2	14	0	0
	1130	20	1010.1	1007.9	..	29.6	25.1	22.9	28.3	69	..	6.0	..	7.0	0	0	31	00	8	1	3	0	3	3	13	0	0
	1430	20	1007.4	1005.2	..	31.1	25.3	22.5	27.6	62	..	5.2	..	6.9	0	0	29	01	8	0	4	0	4	7	5	2	0
	1730	20	1007.3	1005.1	+0.5	28.9	24.9	23.0	28.3	71	- 1	5.9	+0.6	5.7	0	0	31	00	3	0	3	1	8	12	4	0	0
	2330	20	1010.0	1007.8	..	26.1	24.4	23.3	29.3	84	..	4.0	..	1.8	0	0	7	00	0	0	1	0	1	1	4	24	0
VISHAKHAPATNAM (SOLAR)	0830	66	1010.1	1002.7	..	27.3	23.9	22.2	26.9	75	..	5.6	..	6.8	0	3	22	02	15	1	0	0	3	3	1	6	0
TELANGANA																											
RAMGUNDAM	0830	156	1011.6	993.9	+1.3	25.6	22.0	20.2	23.5	73	- 3	2.7	-1.3	1.5	0	0	14	05	6	1	0	0	1	1	0	17	0
	1730	156	1007.1	989.7	+0.6	30.0	22.9	18.8	22.1	53	- 5	3.5	-1.1	2.8	0	0	29	02	22	2	0	2	0	0	1	2	0
NIZAMABAD	0830	381	1011.8	969.1	+0.9	24.7	21.0	18.7	21.8	69	- 3	2.7	-0.3	0.4	0	0	5	01	0	0	0	1	2	0	1	26	0
	1730	381	1007.4	965.5	+0.8	29.7	25.9	24.1	30.4	73	+20	3.6	-0.7	0.9	0	0	12	02	6	1	0	0	2	0	1	19	0
HANAMKONDA	0830	269	1010.7	981.0	+0.4	24.3	21.7	20.2	23.8	79	+ 4	2.9	-0.4	1.3	0	0	20	13	0	2	0	3	0	2	0	11	0
	1730	269	1007.6	978.2	+1.0	28.9	23.0	19.8	23.2	60	+ 4	2.5	-1.0	1.8	0	0	28	14	8	1	2	0	2	0	1	3	0
HAKIMPET AERODROME	0530	613	1010.1	941.6	..	20.6	19.2	18.2	21.1	87	..	4.1	..	7.9	0	3	23	07	4	6	1	1	1	4	2	5	0
	0830	613	1010.8	942.5	..	24.4	20.9	18.9	22.1	73	..	4.5	..	11.5	0	4	26	04	7	6	6	1	0	2	4	1	0
	1130	613	1009.7	942.9	..	27.9	21.6	18.2	21.3	57	..	5.0	..	16.4	0	9	22	07	9	7	4	0	0	2	2	0	0
	1730	613	1007.7	940.8	..	26.7	20.8	17.4	20.2	58	..	5.2	..	12.7	0	1	30	09	10	6	1	1	0	2	2	0	0
	2330	613	1010.6	942.4	..	22.3	19.6	18.0	20.8	78	..	4.3	..	6.8	0	1	26	07	6	6	1	0	0	3	2	4	2
BHADRACHALLAM	0830	111	1010.7	998.1	+0.2	25.4	23.3	22.3	26.9	84	+ 1	4.6	-0.4	2.6	0	0	31	01	21	0	0	0	7	0	2	0	0
	1730	111	1006.9	994.5	+0.2	29.1	24.3	22.2	26.4	67	- 3	5.7	+0.0	3.0	0	0	31	03	18	0	0	0	7	3	0	0	0
HYDERABAD (BEGAMPET)	0230	545	1009.7	948.7	..	20.5	19.3	18.4	21.6	86	..	3.7	..	3.0	0	1	15	03	3	4	2	0	0	1	3	15	0
	0530	545	1010.3	949.1	..	20.2	19.0	18.4	21.1	90	..	3.5	..	3.2	0	0	17	04	2	4	2	0	0	1	4	14	0
	0830	545	1011.6	951.0	+0.7	23.4	20.5	18.9	22.1	77	+ 4	4.2	+0.1	6.8	0	1	26	04	6	5	3	3	0	3	3	4	0
	1130	545	1010.0	950.4	..	28.0	21.5	17.9	20.9	56	..	4.5	..	9.9	0	2	29	02	9	9	5	2	0	1	3	0	0
	1730	545	1007.4	947.8	+0.9	27.3	20.5	16.9	19.1	55	- 3	5.3	+0.5	9.1	0	1	30	06	10	7	4	0	0	2	2	0	0
	2330	545	1011.1	950.3	..	21.9	19.8	18.6	21.6	82	..	3.7	..	4.0	0	1	18	06	3	3	2	0	0	2	3	12	0
KHAMMAM	0830	112	1011.1	998.5	+0.6	26.3	23.6	22.2	26.9	79	- 2	4.8	+0.6	3.9	0	0	21	07	2	3	2	1	0	3	3	10	0
	1730	112	1006.9	994.4	+0.5	29.6	23.8	20.8	24.7	61	- 5	5.8	+0.1	1.0	0	0	13	04	2	4	1	1	1	0	0	18	0
MAHBUBNAGAR	0830	505	1011.1	955.0	+0.8	25.1	21.2	19.1	22.4	70	- 5	4.9	+0.1	5.7	0	0	28	04	13	7	0	0	1	2	1	3	0
	1730	505	1007.0	951.5	+0.6	27.1	21.5	18.1	21.6	59	- 3	5.7	+0.2	6.3	0	0	29	01	16	8	0	1	2	1	0	2	0
RAYALASEEMA																											
KURNOOL	0830	281	1011.9	980.2	+1.1	25.5	21.7	19.6	22.8	71	- 3	4.6	+0.2	5.3	0	0	31	00	9	0	5	0	8	0	9	0	0
	1730	281	1007.4	976.3	+0.9	29.3	22.1	17.7	20.8	53	+ 0	6.1	+0.7	5.4	0	1	28	00	15	0	2	0	7	0	3	2	2
NANDYAL	0830	212	1011.4	987.5	..	26.3	22.5	20.5	24.1	71	..	3.9	..	3.4	0	0	23	06	5	4	1	2	2	2	1	8	0
	1730	212	1007.2	983.6	..	29.4	23.2	19.8	23.4	58	..	5.5	..	6.7	0	0	29	02	9	8	1	0	1	2	6	2	0
ANANTAPUR	0530	350	1009.5	970.0	..	22.3	20.5	19.3	22.7	84	..	4.5	..	2.3	0	2	7	00	2	2	1	0	2	2	0	22	0
	0830	350	1011.4	972.1	+1.1	25.0	21.4	19.3	22.5	71	- 5	4.8	-0.3	3.9	0	1	14	02	1	5	1	0	2	4	0	16	0
	1130	350	1010.1	971.4	..	28.7	22.3	18.5	21.7	56	..	4.9	..	8.2	0	1	27	02	9	7	1	0	2	6	1	3	0
	1430	350	1006.7	968.3	..	30.4	22.2	17.1	20.1	47	..	5.5	..	9.3	0	3	23	03	10	5	0	0	1	4	3	5	0
	1730	350	1006.8	968.3	+1.3	29.1	22.3	18.2	21.3	54	- 2	5.6	-0.2	8.2	0	0	25	04	8	6	1	0	1	3	2	6	0
	2030	350	1009.5	970.6	..	26.6	21.9	19.1	22.4	65	..	4.3	..	4.8	0	0	17	03	4	6	0	0	1	2	1	14	0
	2330	350	1010.2	971.0	..	24.8	21.2	19.1	22.2	72	..	4.6	..	6.9	0	0	20	02	8	4	1	0	4	0	1	11	0
CUDDAPAH	0830	130	1011.6	996.8	+0.8	26.8	23.3	21.5	25.6	74	+ 2	3.8	-0.8	0.8	0	0	5	00	0	2	0	0	0	3	0	26	0
	1730	130	1007.2	992.7	+0.6	30.1	23.9	20.7	24.6	58	- 7	4.8	-0.6	2.5	0	0	18	00	6	4	2	0	0	4	2	13	0
AROGYAVARAM	0830	701	1011.8	936.5	+1.3	23.3	20.9	19.6	22.9	80	+ 1	5.3	-0.7	5.2	0	1	24	06	3	1	4	1	2	1	7	6	0
	1730	701	1007.1	931.0	+1.0	26.4	22.8	21.1	25.2	76	+10	6.2	-0.4	9.5	0	1	29	02	12	1	1	0	0	0	14	1	0
MADRAS STATE (INCLUDING PONDICHERRY)																											
MADRAS	0830	6	1010.6	1009.9	+0.9	27.2	24.9	23.8	29.7	82	+ 1	6.4	+1.5	6.5	0	0	25	03	1	1	2	1	6	7	4	6	0
	1730	6	1007.6	1006.8	..	28.3	24.6	22.8	27.9	73	..	6.2	..	8.5	0	2	28	03	8	4	9	1	2	2	1	1	0
MADRAS (MINAMBAKKAM)	0230	16	1008.5	1006.7	..	25.7	26.3	23.6	29.3	89	..	6.1	..	4.8	0	0	18	02	0	0	2	2	5	5	2	13	0
	0530	16	1009.0	1007.2	..	25.2	23.6	22.8	27.7	87	..	4.8	..	6.6	0	0	21	02	0	0	0	2	4	8	5	10	0
	0830	16	1010.8	1009.1	+0.6	27.3	24.5	23.2	28.4	79	- 2	6.0	+0.7	8.7	0	2	25	06	1	0	1	3	6	6	4	4	0
	1130	16	1009.9	1008.2	..	30.2	24.9	22.3	27.3	64	..	6.2	..	10.9	0	3	26	10	2	2	3	1	2	5	4	2	0
	1430	16	1007.2	1005.5	..	30.8	25.1	22.4	27.3	62	..	6.0	..	12.7	0	5	23	07	3	12	0	0	2	1	3	3	0
	1730	16	1007.6	1005.9	+0.6	28.6	24.5	22.5	27.3	71	- 5	6.3	+0.7	11.9	0	2	28	05	6	9	5	0	2	1	2	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gms. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADRAS STATE (INCLUDING PONDICHERRY																											
MADRAS(MINAMBAKKAM)	2030	16	1010.0	1008.3	..	27.3	24.7	23.4	28.5	80	..	4.9	..	7.0	0	1	20	04	2	4	6	3	0	0	2	10	0
	2330	16	1010.1	1008.4	..	26.5	24.5	23.6	29.1	84	..	4.5	..	6.3	0	0	22	04	1	2	4	5	1	1	4	9	0
VELLORE	0530	214	1009.5	985.2	..	23.2	21.8	21.0	25.0	88	..	5.2	..	1.4	0	0	13	08	1	2	0	1	0	1	0	18	0
	0830	214	1011.2	987.0	+0.7	25.5	22.9	21.4	25.8	78	- 2	5.8	+0.9	3.3	0	0	16	01	2	0	0	1	0	9	3	15	0
	1130	214	1010.2	986.3	..	29.6	23.7	20.6	24.4	60	..	6.0	..	4.3	0	0	29	07	9	3	0	3	2	4	1	2	0
	1730	214	1007.2	983.4	+0.8	29.5	23.3	20.0	23.5	59	- 6	6.1	+0.2	5.2	0	0	25	04	10	5	2	0	2	2	0	6	0
	2330	214	1010.8	986.6	..	25.3	23.0	21.9	26.3	82	..	5.0	..	1.0	0	0	7	00	4	1	0	1	0	1	0	24	0
TAMBARAM AERODROME	0830	29	1010.5	1007.2	..	27.4	25.1	24.0	30.0	82	..	5.6	..	12.6	0	5	24	07	2	0	1	3	5	7	4	2	0
	1730	29	1007.7	1004.5	..	28.9	24.7	22.5	27.6	68	..	5.8	..	27.6	0	16	14	03	8	8	7	1	2	1	0	1	0
TIRUPPATTUR	0830	390	1010.6	966.9	+0.2	24.2	23.6	23.3	28.6	92	+ 9	7.3	+1.2	2.6	0	0	25	14	3	0	2	6	0	0	0	6	0
	1730	390	1007.1	963.8	+0.6	27.6	24.3	22.8	27.6	76	+ 5	7.5	+0.9	3.9	0	0	27	11	9	0	3	4	0	0	0	4	0
METTUR DAM R.S.	0830	244	..	..	..	27.0	22.9	20.7	24.6	69	..	4.0	..	5.3	0	0	30	00	14	0	2	0	5	0	9	1	0
	1730	244	..	..	..	31.1	23.3	19.1	22.1	50	..	4.7	..	7.5	0	1	30	00	12	0	1	0	13	0	5	0	0
CUDDALORE	0530	6	1009.0	1007.7	..	24.9	23.8	23.2	28.6	91	..	5.2	..	1.7	0	0	9	00	0	0	1	1	3	3	1	22	0
	0830	6	1010.7	1009.3	+0.2	27.3	24.5	23.6	28.4	81	+ 0	5.4	+0.1	5.5	0	0	24	07	0	0	0	2	1	0	14	7	0
	1130	6	1010.0	1008.6	..	30.6	25.4	23.0	28.1	64	..	5.2	..	9.3	0	0	30	01	11	4	2	2	6	2	2	1	0
	1430	6	1007.2	1005.9	..	30.5	25.7	23.5	29.1	67	..	5.1	..	11.3	0	2	28	01	8	7	9	0	2	2	1	1	0
	1730	6	1007.4	1006.1	+0.4	28.9	25.4	23.8	29.7	74	- 1	5.4	-0.2	8.1	0	0	27	00	11	3	11	0	2	0	0	4	0
	2330	6	1010.1	1008.8	..	27.0	25.0	24.2	30.0	85	..	4.9	..	8.5	0	1	25	01	5	4	5	6	4	0	1	5	0
KALLAKKURICHCHI	0830	217	1010.4	996.0	+0.5	26.3	24.0	22.9	27.9	82	+ 4	4.0	-0.7	4.6	0	0	25	07	0	0	2	1	6	0	4	6	0
	1730	217	1006.4	992.2	+0.3	29.6	25.1	23.0	28.3	69	+ 4	4.6	-1.1	7.2	0	0	31	04	11	3	2	0	7	0	4	0	0
SALEM	0530	278	1008.8	977.4	..	23.3	21.5	20.6	24.1	85	..	1.9	..	2.4	0	0	13	04	2	2	0	0	1	4	0	18	0
	0830	278	1010.8	979.5	+0.1	25.3	22.2	20.6	24.1	75	- 5	4.8	-0.4	0.8	0	0	5	00	0	2	1	0	0	2	0	26	0
	1130	278	1009.6	978.8	..	29.6	23.2	19.7	23.2	56	..	5.1	..	5.7	0	0	24	04	0	6	1	1	2	8	1	7	1
	1730	278	1006.4	975.7	+0.3	29.7	23.2	19.8	23.2	57	- 5	6.1	+0.1	1.6	0	0	9	01	1	3	0	0	1	2	0	22	1
	2330	278	1010.0	978.8	..	25.5	22.2	20.4	24.1	74	..	3.9	..	5.9	0	0	19	00	4	10	0	0	4	0	1	12	0
COIMBATORE(PILAMEDU)	0530	399	1009.7	964.9	..	22.9	21.4	20.6	24.3	87	..	4.7	..	5.7	0	2	11	01	2	0	0	1	9	0	0	18	0
	0830	399	1011.3	966.8	+0.9	25.3	22.1	20.4	23.8	75	- 6	4.6	-0.7	7.2	0	3	11	00	2	3	0	2	6	1	0	17	0
	1130	399	1009.7	965.8	..	29.5	22.4	18.4	21.3	52	..	5.2	..	13.1	0	9	11	01	4	7	0	2	6	0	0	11	0
	1430	399	1006.3	962.9	..	31.3	22.4	17.3	19.7	44	..	5.3	..	21.9	0	15	14	00	3	4	2	5	9	2	0	2	0
	1730	399	1006.7	963.0	+0.7	29.4	22.3	18.1	21.1	54	-13	5.1	-0.9	21.9	0	15	16	00	3	10	0	2	15	1	0	0	0
	2030	399	1009.8	965.5	..	26.2	22.3	20.1	23.8	70	..	3.5	..	15.2	0	9	17	00	1	3	2	5	15	0	0	5	0
	2330	399	1010.7	966.1	..	24.3	22.1	21.0	24.8	82	..	4.6	..	13.6	0	7	17	00	2	2	2	6	12	0	0	7	0
COIMBATORE	0830	409	1011.1	965.6	+0.5	25.7	22.2	20.3	23.8	73	- 5	5.3	-0.2	5.7	0	0	26	01	5	1	3	3	12	0	1	5	0
NAGAPATTINAM	0830	9	1010.9	1009.8	+0.3	27.9	24.9	23.4	28.9	77	- 2	6.4	+0.9	8.6	0	1	30	03	10	0	1	0	6	9	2	0	0
	1730	9	1007.3	1006.2	+0.1	29.5	25.6	23.8	29.7	72	- 3	6.3	+0.9	17.3	0	16	14	02	10	3	8	3	2	1	1	1	0
TIRUCHCHIRAPPALLI	0230	94	1008.5	998.5	..	24.9	23.2	22.3	26.9	86	..	4.9	..	7.0	0	2	26	06	3	1	0	2	2	9	5	3	0
	0530	94	1008.8	998.8	..	24.4	22.9	22.1	26.6	87	..	5.5	..	6.8	0	2	25	07	2	0	0	1	1	10	6	4	0
	0830	94	1010.7	1000.7	+0.2	26.6	23.7	22.2	26.7	77	- 2	5.6	+0.3	12.0	0	6	25	03	5	0	0	1	2	15	5	0	0
	1130	94	1009.8	999.9	..	30.1	24.2	21.3	25.3	60	..	5.2	..	13.9	0	8	23	04	6	1	0	0	4	11	5	0	0
	1430	94	1006.6	996.8	..	31.7	24.2	20.4	24.1	52	..	5.7	..	11.5	0	5	26	04	6	4	2	3	4	5	3	0	0
	1730	94	1006.7	996.8	+0.2	30.0	24.0	20.9	24.9	60	- 3	6.1	+0.1	9.4	0	2	29	04	9	4	5	3	1	4	1	0	0
	2030	94	1009.5	999.5	..	27.6	24.1	22.5	27.3	74	..	6.1	..	11.0	0	4	25	00	7	7	8	2	0	4	1	2	0
	2330	94	1010.2	1000.3	..	25.9	23.5	22.3	26.9	82	..	5.8	..	8.0	0	4	23	03	6	3	2	2	3	6	2	4	0
VEDARANNIYAM	0830	4	1010.7	1010.2	..	28.5	25.4	24.1	30.0	77	..	5.2	..	3.7	0	0	30	05	7	0	1	5	10	0	2	1	0
	1730	4	1008.0	1007.5	..	29.0	25.5	24.0	29.7	75	..	5.1	..	3.0	0	0	28	05	8	0	2	5	7	1	0	3	0
ATIRAMPATTINAM	0830	6	1010.6	1009.9	..	28.0	25.3	24.1	30.0	80	..	3.5	..	9.5	0	2	29	07	4	1	0	0	3	5	11	0	0
	1730	6	1007.1	1006.4	..	29.1	25.9	24.5	30.7	77	..	5.3	..	12.3	0	6	24	00	7	4	4	9	3	1	2	1	0
MADURAI	0830	133	1010.9	995.9	+0.5	27.4	23.8	22.1	26.6	73	+ 0	4.1	-1.4	3.9	0	0	31	14	1	3	0	0	0	0	13	0	0
MADURAI AERODROME	0530	131	1009.0	994.1	..	24.5	23.1	22.4	27.1	88	..	4.5	..	6.8	0	0	21	08	3	0	0	0	1	4	7	10	0
	0830	131	1010.7	995.9	+0.3	27.1	23.9	22.3	27.1	75	+ 0	4.9	-0.2	10.3	0	0	27	09	3	0	1	1	2	1	11	4	0
	1130	131	1009.7	995.0	..	30.4	24.5	21.7	25.9	60	..	4.9	..	10.3	0	2	25	04	7	3	1	0	2	3	7	4	0
TONDI	1730	131	1006.9	992.3	+0.3	29.8	24.5	21.9	26.3	64	+ 0	6.3	+0.2	16.5	0	11	19	02	12	5	4	2	1	4	0	1	0
	0830	5	1010.9	1010.4	+0.6	28.1	24.8	23.3	28.6	75	- 7	6.4	+1.0	5.5	0	0	26	17	1	1	2	1	1	1	2	5	0
PAMBAN	1730	5	1007.5	1006.9	+0.4	29.5	25.6	23.9	29.7	74	- 5	6.6	+0.8	15.3	0	6	24	03	5	6	11	4	0	1	0	1	0
	0830	11	1010.7	1009.4	+0.2	28.4	26.5	25.7	33.0	86	+ 5	4.8	+0.3	12.3	0	5	26	06	7	1	2	6	5	3	1	0	0
TUTICORIN	1730	11	1007.6	1006.3	+0.3	29.4	26.9	25.8	33.4	81	- 1	5.7	+0.7	12.4	0	7	24	04	5	2	2	7	6	5	0	0	0
	0830	4	1011.0	1010.6	+0.5	28.7	24.5	22.6	27.3	70	+ 1	4.1	+0.3	9.9	0	2	29	05	5	0	0	0	0	2	10	9	0
	1730	4	1007.7	1007.3	+0.6	29.9	25.5	23.5	28.9	70	+ 1	4.8	+0.8	13.3	0	4	26	00	2	3	5	12	2	6	0	1	0
PALAYANKOTTAI	0830	51	1011.0	1005.3	+0.7	28.1	24.0	21.9	26.6	70	+ 1	5.6	+0.8	7.0	0	0	31	06	3	0	0	1	5	5	11	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — OCTOBER 1968 (ASVINA 9 - KARTIKA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations													
			At mean sea level or lst. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction										
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADRAS STATE (INCLUDING PONDICHERRY)																												
PALAYANKOTTAI	1730	51	1007.8	1002.1	+1.1	29.5	24.4	21.9	26.3	66	+ 3	6.6	+0.2	10.1	0	2	29	04	4	5	3	1	4	6	4	0	0
KANNIYAKUMARI	0830	37	1011.0	1006.9	..	27.3	24.3	22.9	27.9	78	..	4.9	..	11.7	0	4	27	04	5	1	0	0	4	10	7	0	0
	1730	37	1008.1	1004.1	..	27.5	24.9	23.7	29.3	80	..	5.6	..	13.5	0	8	23	00	1	3	1	3	12	10	1	0	0
PONDICHERRY	0830	6	1010.5	1009.8	..	27.6	24.7	23.4	28.6	79	..	5.1	..	10.8	0	1	30	05	2	0	2	3	3	7	9	0	0
	1730	6	1007.1	1006.5	..	29.1	25.6	24.1	30.0	75	..	5.4	..	21.2	0	17	13	01	8	6	9	3	1	2	0	1	0
PORT NOVA	0830	3	1010.2	1009.9	..	28.2	24.9	23.5	31.5	76	..	5.3	..	7.3	0	1	28	04	1	1	2	1	9	2	9	2	0
TUTICORIN H.P.	0830	3	1011.2	1010.9	..	28.4	24.6	22.8	27.7	72	..	4.6	..	12.5	0	5	25	08	5	0	0	0	4	6	7	1	0
	1130	3	1010.3	1010.0	..	30.4	25.3	23.0	27.9	65	..	4.0	..	16.2	0	10	21	02	10	5	6	5	2	1	0	0	0
	1430	3	1007.4	1007.1	..	30.5	25.6	23.3	28.9	66	..	4.2	..	21.9	0	17	14	01	2	6	9	9	1	2	1	0	0
	1730	3	1007.5	1007.3	..	29.3	25.3	23.5	28.9	72	..	5.1	..	22.1	0	19	10	00	0	4	4	15	0	6	0	2	0
COASTAL MYSORE																												
KARWAR	0830	4	1011.7	1011.2	+1.1	25.6	23.4	22.4	26.9	83	- 4	4.6	-0.7	3.3	0	0	31	00	6	15	6	1	1	2	0	0	0
	1730	4	1008.3	1007.8	+0.6	28.6	25.4	23.9	29.8	76	- 3	4.1	-1.3	5.0	0	0	28	00	0	0	3	2	6	2	14	3	1
HONAVAR	0830	26	1011.4	1008.4	+0.2	25.1	22.9	21.9	26.1	79	- 6	4.8	-0.6	3.0	0	0	30	00	4	25	0	0	0	0	1	1	0
	1730	26	1008.4	1005.5	+0.4	28.4	24.9	23.3	28.6	75	- 4	5.1	-0.6	3.9	0	0	28	01	0	0	1	6	2	12	6	3	0
MANGALORE (BAJPE)	0230	102	1009.2	997.6	..	24.0	23.2	22.8	27.7	93	..	4.2	..	3.3	0	0	14	00	1	11	1	1	0	0	0	17	0
	0530	102	1009.4	997.8	..	23.5	22.8	22.5	27.3	95	..	4.4	..	3.7	0	0	13	00	1	11	0	0	1	0	0	18	0
	0830	102	1011.1	999.6	+0.2	25.9	24.1	23.2	28.6	85	- 4	4.7	-1.0	8.3	0	0	25	01	0	19	3	1	1	0	0	6	0
	1130	102	1010.5	999.1	..	29.6	24.7	22.4	27.1	66	..	4.8	..	9.3	0	2	21	01	1	3	3	4	6	4	1	8	0
	1430	102	1007.8	996.4	..	30.2	25.4	23.3	28.4	67	..	5.1	..	16.8	0	5	26	00	1	0	1	3	9	14	3	0	0
	1730	102	1007.8	996.4	-0.1	28.3	24.5	22.7	27.6	72	- 9	5.9	-0.4	13.4	0	3	26	02	0	0	1	1	9	13	3	2	0
	2030	102	1010.3	998.7	..	25.8	24.1	23.3	28.6	86	..	5.0	..	3.5	0	0	11	02	2	2	1	0	1	0	3	20	0
	2330	102	1010.7	999.2	..	24.9	23.6	22.9	27.9	89	..	4.7	..	1.9	0	0	8	00	0	5	1	1	1	0	0	23	0
MANGALORE	0830	22	1011.4	1008.9	+0.4	26.7	24.0	22.7	27.6	79	- 6	4.8	-0.6	2.9	0	0	28	01	4	14	7	0	1	0	0	2	1
	1730	22	1008.2	1005.7	+0.2	29.0	25.0	23.1	28.4	71	- 8	4.4	-1.6	5.0	0	0	28	02	0	0	0	2	6	4	6	2	8
MANGALORE H.P.	0830	32	1011.0	1007.3	..	26.3	24.3	23.5	28.8	85	..	5.1	..	6.8	0	0	29	00	3	11	11	3	1	0	0	2	0
	1130	32	1010.5	1006.9	..	29.4	25.4	23.5	29.1	71	..	4.9	..	9.7	0	2	29	01	1	0	4	5	9	6	5	0	0
	1730	32	1007.8	1004.2	..	28.2	25.3	24.0	30.0	78	..	5.6	..	9.5	0	1	29	01	0	0	1	2	6	7	13	1	0
INTERIOR MYSORE, NORTH																												
BIDAR	0830	664	1011.3	938.1	+1.2	23.8	19.7	17.3	20.0	68	- 2	4.0	-0.1	9.7	0	3	28	03	5	10	3	2	2	2	4	0	0
	1730	664	1007.4	935.0	+1.1	25.9	19.0	14.2	16.9	51	- 3	5.4	+0.6	10.5	0	2	29	04	16	5	0	0	2	1	2	0	1
GULBARGA	0830	458	1011.7	960.6	+0.8	24.2	20.2	17.9	20.8	70	+ 2	5.1	+1.5	6.2	0	0	19	02	7	6	0	0	0	4	0	12	0
	1730	458	1007.1	956.9	+0.9	29.1	20.5	15.3	17.8	47	- 1	5.2	+0.5	7.5	0	0	30	01	6	17	0	1	0	5	0	1	0
BIJAPUR	0830	594	1012.2	945.9	+0.7	22.2	19.5	17.9	20.8	78	+ 8	5.8	+1.9	4.1	0	0	23	04	4	1	3	2	2	6	1	8	0
	1730	594	1006.2	942.2	+0.7	28.6	20.6	15.7	18.4	49	+ 0	6.2	+1.3	3.3	0	0	27	03	8	5	2	2	1	4	2	4	0
RAICHUR	0830	400	1011.1	966.8	+0.7	25.4	21.2	18.7	21.7	68	- 3	4.3	+0.5	4.3	0	0	27	06	6	1	3	4	2	1	4	4	0
	1730	400	1006.9	962.1	-0.3	29.2	21.1	16.0	18.4	48	- 1	5.1	+0.3	6.0	0	0	30	08	14	0	2	1	1	3	1	1	0
BELGAUM	0830	753	1011.5	928.7	+0.4	22.6	19.7	17.9	20.8	76	- 5	4.5	+0.6	1.7	0	0	11	00	0	7	1	1	1	0	1	20	0
	1730	753	1006.7	925.6	+0.1	26.3	21.1	18.1	21.3	64	+ 0	4.6	-0.5	3.2	0	0	20	02	2	9	0	1	2	2	1	11	1
BELGAUM (SAMRA)	0530	747	1010.6	927.5	..	19.3	17.5	16.3	18.8	84	..	5.2	..	2.3	0	0	13	01	6	1	2	0	2	1	0	18	0
	0830	747	1011.7	929.4	+0.8	22.5	18.9	16.6	19.3	72	- 9	5.8	+0.7	8.2	0	1	25	00	12	4	1	1	7	1	0	5	0
	1130	747	1010.2	929.1	..	26.5	20.0	16.0	18.5	55	..	5.1	..	12.9	0	5	24	01	9	5	6	0	5	2	1	2	0
	1430	747	1007.0	926.4	..	27.7	19.9	14.9	17.6	49	..	5.5	..	11.3	0	3	26	04	9	6	1	0	6	3	0	2	0
	1730	747	1007.4	926.3	+0.5	25.9	19.7	15.6	18.4	57	-11	5.6	+0.0	8.1	0	2	26	03	10	4	0	0	3	7	1	3	0
	2030	747	1010.7	928.4	..	22.3	19.1	17.2	19.7	74	..	5.3	..	3.7	0	0	17	00	2	1	3	1	4	5	1	14	0
GADAG	0530	650	1010.3	937.6	..	20.7	19.2	18.3	21.0	87	..	3.7	..	4.9	0	0	21	01	0	8	1	1	6	3	0	10	1
	0830	650	1010.7	938.8	-0.4	22.3	20.4	19.1	22.7	81	+ 6	4.4	-0.3	5.5	0	0	28	02	1	11	1	2	3	8	0	3	0
	1130	650	1010.0	939.3	..	28.1	22.7	20.0	23.5	63	..	4.8	..	7.9	0	0	31	04	9	6	1	0	4	4	1	0	2
	1430	650	1006.6	936.5	..	29.6	23.0	19.8	23.2	57	..	4.6	..	7.2	0	1	26	04	7	6	1	0	2	3	3	4	1
	1730	650	1006.5	936.0	+0.2	27.7	22.2	19.4	22.7	63	+ 6	5.0	-0.4	6.1	0	0	31	07	5	9	0	2	3	5	0	0	0
	2030	650	1010.2	938.7	..	24.3	21.0	19.2	22.4	74	..	3.3	..	5.9	0	0	25	01	4	7	2	0	5	5	1	6	0
	2330	650	1011.0	939.0	..	22.6	20.3	19.0	22.1	81	..	3.5	..	5.9	0	0	25	01	4	8	3	1	7	1	0	6	0
BIDAR A.F.	0530	665	1010.5	936.2	..	20.1	17.5	15.7	18.1	76	..	3.5	..	7.7	0	0	27	03	11	5	2	2	3	0	1	4	0
	0830	665	1011.6	938.1	..	23.9	19.8	17.4	20.0	68	..	3.9	..	11.1	0	3	26	04	7	5	4	3	2	2	2	2	0
	1130	665	1010.4	937.6	..	27.6	20.1	15.7	18.1	49	..	4.2	..	17.7	0	11	20	02	14	7	2	2	0	2	2	0	0
	1730	665	1007.5	935.1	..	27.5	19.6	14.9	16.9	51	..	4.0	..	14.2	0	0	31	09	15	1	0	2	1	0	3	0	0
	2330	665	1011.3	937.4	..	22.2	18.1	15.3	17.8	67	..	3.6	..	9.9	0	1	30	05	14	4	2	2	2	2	0	0	0
INTERIOR MYSORE, SOUTH																												
BELLARY	0830	449	1011.4	961.2	+0.6	24.5	21.1	19.0	22.2	73	+ 0	4.8	-0.1	4.4	0	0	18	03	3	4	3	0	0	1	4	13	0
	1730	449	1006.7	957.6	+0.8	29.0	21.7	17.2	20.0	52	- 1	6.3	+1.0	6.1	0	0	24	03	4	9	2	0	0	3	3	7	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — OCTOBER 1968 (ASVINA 9 - KARTIKA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mb.			Mean temperature in °C			Vapour pressure in mb.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lst. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind speed (Km. p. h.)			Wind direction									
															5 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
INTERIOR MYSORE, SOUTH (CONTD.)																											
CHITRADURGA	0830	733	1011.1	930.3	+0.3	21.9	19.3	17.7	20.5	75	- 4	3.2	-2.2	5.5	0	0	25	00	1	7	6	0	7	4	0	6	0
	1730	733	1006.3	927.2	+0.6	27.6	20.2	16.0	18.3	53	- 2	4.0	-1.5	5.4	0	0	30	00	2	11	3	0	3	9	2	1	0
SHIMOGA	0830	571	..	..		..	..	..	..	..	..	5.2	-0.7	1.5	0	0	22	00	2	7	1	0	4	8	0	9	0
	1730	571	..	..		..	..	..	..	..	..	4.9	-0.8	2.5	0	0	29	00	6	6	0	0	2	13	2	2	0
AGUMBE	0830		..	..	..	21.9	20.3	19.5	22.7	87	..	.	..	6.1	0	1	26	00	14	4	1	2	5	1	0	4	0
BALEHONNUR	0830		..	..	..	22.0	19.7	18.5	21.3	81	- 8	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	.
HASSAN	0830	960	1515.2	906.5	+0.2	21.8	19.4	18.1	20.8	80	- 3	5.9	+0.6	2.1	0	0	20	00	1	1	0	0	3	15	0	11	0
	1730	960	1492.8	903.5	+0.5	25.2	19.9	16.9	19.4	61	- 9	5.8	-0.4	2.9	0	0	23	00	3	3	1	0	3	12	1	8	0
BANGALORE	0230	921	1504.5	910.0	..	19.6	18.3	17.4	20.0	88	..	3.6	..	4.7	0	0	22	00	2	8	2	0	6	4	0	9	0
	0830	921	1520.5	911.4	+1.1	21.0	18.7	17.4	19.9	81	- 2	5.5	-0.6	5.4	0	0	28	02	2	10	1	0	5	7	1	3	0
	1130	921	1528.0	911.2	..	25.7	20.1	16.8	19.5	60	..	5.2	..	6.5	0	0	30	01	10	7	0	0	1	9	2	1	0
	1430	921	1511.4	909.1	..	27.1	20.2	16.2	18.5	53	..	6.0	..	5.7	0	0	29	01	10	5	0	0	4	6	3	2	0
	1730	921	1505.3	908.8	+1.6	25.6	19.8	16.5	18.9	58	- 6	6.1	-0.2	5.2	8	0	29	04	8	7	0	1	2	7	0	2	0
	2030	921	1515.8	910.7	..	22.2	19.3	17.7	20.2	76	..	4.3	..	4.7	0	0	23	02	8	7	0	1	1	4	0	8	0
BANGALORE AERODROME	0530	901	1490.6	911.3	..	18.7	18.0	17.7	20.1	93	..	4.0	..	4.7	0	0	19	00	1	2	4	1	2	6	3	12	0
	0830	901	1513.7	912.9	+0.3	21.3	19.1	17.8	20.3	84	+ 4	5.5	-0.6	9.4	0	5	22	01	1	4	8	0	1	9	2	4	1
	1130	901	1517.7	912.6	..	25.7	19.9	16.5	19.0	58	..	5.2	..	13.6	0	5	26	03	6	5	6	1	2	7	0	0	1
	1730	901	1492.4	910.0	+0.5	25.6	19.9	16.7	19.0	60	- 7	5.7	-0.9	10.2	0	5	23	02	3	7	7	1	2	4	2	3	0
	2330	901	1508.7	912.8	..	20.9	19.2	18.1	21.0	85	..	4.2	..	7.6	0	2	27	01	3	6	9	1	3	5	1	2	0
MYSORE	0830	767	1011.9	927.2	+0.6	21.9	19.2	17.6	20.2	77	- 8	4.1	-1.5	6.2	0	0	31	04	1	2	6	5	5	5	3	0	0
	1730	767	1006.3	923.7	+0.2	26.9	19.9	15.8	18.1	51	-10	3.7	-2.2	8.6	0	0	31	04	0	14	1	2	6	3	1	0	0
YALAMKA A.F.	0530	932	1493.0	908.1	..	18.8	17.8	17.1	19.6	90	..	4.7	..	11.0	0	3	26	03	4	7	3	2	2	8	0	2	0
	0830	932	1514.4	909.8	..	21.7	19.0	17.4	20.0	78	..	5.4	..	14.1	0	6	21	03	4	7	2	1	2	8	0	4	0
	1130	932	1518.6	909.4	..	25.8	19.8	16.2	18.6	57	..	5.1	..	18.2	0	10	21	05	7	8	0	0	2	8	1	0	0
	1730	932	1492.5	906.8	..	25.1	19.8	16.7	19.3	61	..	6.6	..	16.5	0	3	28	05	9	6	0	0	3	5	3	0	0
	2330	932	1508.1	909.4	..	20.3	18.8	17.8	20.5	85	..	5.1	..	12.5	0	2	25	03	7	9	1	1	2	6	1	1	0
KERALA																											
CALICUT	0530	5	1009.8	1009.2	..	24.8	24.0	23.6	29.1	93	..	3.3	..	1.9	0	0	13	00	1	11	[illegible]	0	1	0	0	18	0
	0830	5	1011.1	1010.5	-0.1	27.2	24.8	23.7	29.3	81	- 4	4.2	-1.3	1.7	8	0	21	00	1	15	0	[illegible]	4	1	0	10	0
	1130	5	1010.6	1010.0	..	29.0	25.5	23.8	29.7	73	..	4.7	..	3.7	0	0	27	03	0	1	0	6	6	[illegible]	0	4	0
	1430	5	1008.9	1008.3	..	31.0	26.1	23.9	29.7	66	..	4.5	..	4.3	0	0	31	00	0	0	0	1	14	15	[illegible]	0	0
	1730	5	1008.2	1007.6	+0.0	29.3	25.6	24.0	29.7	73	- 5	5.5	-0.6	3.6	0	0	30	00	0	0	0	0	14	16	0	[illegible]	0
	2330	5	1011.0	1010.4	..	25.8	24.5	23.9	29.7	89	..	5.5	..	3.5	0	0	22	03	6	5	0	1	4	3	0	9	0
PALGHAT	0830	97	1011.4	1000.4	+0.4	26.5	24.4	23.3	28.9	83	- 2	2.2	-3.6	8.1	0	0	31	00	0	13	0	1	0	17	0	0	0
	1730	97	1007.6	996.7	+0.1	29.6	25.1	23.1	28.3	69	- 8	5.9	-0.6	9.8	0	0	31	00	0	5	0	0	2	24	0	0	[illegible]
FORT COCHIN	0830	3	1011.1	1010.8	-0.3	28.0	25.3	24.2	30.0	80	- 3	6.8	+0.8	4.3	0	0	24	02	6	7	1	0	1	4	3	7	0
	1730	3	1008.0	1007.7	-0.2	28.7	25.7	24.5	30.5	80	+ 0	7.1	+0.4	8.1	0	0	28	00	0	0	0	0	2	17	9	3	0
COCHIN(NAVAL AIR STATION)	0230	3	1009.5	1009.1	..	25.3	24.3	23.9	29.3	92	..	5.5	..	1.9	0	0	9	01	2	3	0	0	1	2	0	22	0
	0530	3	1009.5	1009.2	..	24.7	24.0	23.6	29.3	93	..	5.1	..	1.9	0	0	7	01	4	0	0	1	0	1	0	24	0
	0830	3	1011.3	1011.0	..	27.3	25.1	24.1	30.0	83	..	5.3	..	5.1	0	0	19	01	4	10	2	1	0	1	0	12	0
	1130	3	1011.1	1010.8	..	29.1	25.4	23.8	29.3	73	..	5.5	..	9.2	0	0	28	01	0	0	0	1	7	13	6	3	0
	1730	3	1008.2	1007.9	..	28.8	25.3	23.7	29.3	74	..	3.8	..	11.2	0	0	30	00	1	0	0	0	11	14	4	1	0
	2330	3	1011.1	1010.8	..	25.9	24.5	23.8	29.7	88	..	6.1	..	2.7	0	0	11	00	2	2	1	1	1	2	2	20	0
ALLEPPEY	0830	4	1011.4	1011.0	+0.5	27.7	25.6	24.7	31.1	84	- 1	4.6	-1.6	5.6	0	2	28	00	13	5	3	0	0	2	7	1	0
	1730	4	1008.6	1008.2	+0.6	28.9	25.7	24.2	30.4	76	- 5	4.9	-1.5	18.1	0	11	20	00	0	0	0	0	2	9	20	0	0
PUNALUR	0830	34	1011.5	1007.7	+0.6	25.6	24.3	23.8	29.3	90	- 1	6.4	+1.0	0.3	0	0	2	00	0	0	0	0	1	1	0	29	0
	1730	34	1007.6	1003.9	-0.2	29.5	25.4	23.6	28.9	71	- 7	7.5	+1.2	4.5	0	0	26	00	0	0	0	0	9	13	4	5	0
TRIVANDRUM	0230	64	1009.4	1002.1	..	24.5	23.9	23.7	29.1	95	..	4.9	..	1.6	0	0	10	02	2	1	0	0	0	1	4	21	0
	0530	64	1009.6	1002.3	..	24.0	23.5	23.2	28.6	95	..	4.9	..	5.3	0	0	27	09	9	3	0	0	0	1	5	4	0
	0830	64	1011.6	1004.2	+0.1	26.1	24.6	23.9	29.7	88	+ 1	5.9	+0.5	5.2	0	0	26	11	9	2	0	0	0	0	4	5	0
	1130	64	1010.8	1003.6	..	29.2	25.2	23.4	28.8	71	..	6.1	..	8.5	0	0	30	04	1	0	0	1	4	11	9	1	0
	1430	64	1008.3	1001.1	..	29.2	25.4	23.6	29.3	73	..	5.4	..	10.6	0	0	30	00	0	1	0	1	8	11	9	1	0
	1730	64	1008.7	1001.4	+0.2	27.6	25.1	23.9	29.7	81	+ 1	6.3	-0.1	8.4	0	0	30	01	0	0	0	3	4	12	10	1	0
	2030	64	1011.1	1003.7	..	25.6	24.7	24.1	30.4	90	..	5.5	..	4.3	0	0	22	01	5	0	0	0	2	5	9	9	0
	2330	64	1011.3	1004.0	..	25.0	24.2	23.7	29.5	93	..	5.8	..	4.8	0	0	22	07	7	1	0	0	1	2	4	9	0
TRIVANDRUM AERODROME	0830	8	1011.8	1010.9	+0.6	26.7	24.5	23.5	28.9	83	+ 3	6.2	+0.8	10.6	0	1	26	13	6	1	0	0	0	3	2	4	2
ARABIAN SEA ISLANDS																											
AMINI	0530	4	1008.9	1008.5	..	26.5	24.3	23.3	28.6	83	..	3.7	..	14.8	0	12	12	04	0	0	0	0	3	10	7	7	0
	0830	4	1011.0	1010.5	+0.0	27.7	24.9	23.3	29.1	79	- 1	4.8	-0.4	14.3	0	9	19	04	0	3	2	0	3	12	4	3	0
	1130	4	1011.0	1010.5	..	29.4	25.4	23.6	29.1	71	..	4.8	..	16.1	0	11	19	06	2	1	3	0	3	11	4	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. — At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C — Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) — Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations — Wind Speed (Km. p. h.) — 62 or more	20 to 61	1 to 19	Wind direction — N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
RABIAN SEA ISLANDS																											
AMINI	1730	4	1008.2	1007.8	..	28.6	25.1	23.5	28.9	74	..	5.5	..	15.4	0	12	16	07	1	1	2	1	3	8	5	3	0
	2330	4	1010.7	1010.2	..	26.7	24.5	23.5	28.9	82	..	3.7	..	12.1	0	6	16	04	0	0	0	0	3	8	7	9	0
AGATTI	0830	4	1011.2	1010.7	..	27.7	24.9	23.9	29.1	80	..	6.3	..	8.1	0	4	27	08	1	3	1	0	3	7	8	0	0
	1730	4	1008.6	1008.1	..	28.6	25.2	23.6	29.3	75	..	5.8	..	10.1	0	4	24	05	2	2	0	0	2	6	11	3	0
ANDROTH	0830	5	1011.9	1011.4	..	26.7	25.2	24.6	30.9	88	..	5.9	..	1.4	0	0	18	01	5	0	0	0	2	0	6	13	4
	1730	5	1007.6	1007.1	..	29.1	25.7	24.3	30.4	76	..	4.8	..	0.9	0	0	12	00	1	0	0	0	2	0	5	19	4
MINICOY	0530	2	1009.7	1009.5	..	25.3	23.4	22.5	27.3	85	..	4.1	..	4.1	0	0	14	02	0	0	0	0	0	9	3	17	0
	0830	2	1011.7	1011.5	+0.3	27.9	24.7	23.2	28.4	76	- 3	5.0	-0.2	4.9	0	0	22	03	0	3	1	0	0	9	6	9	0
	1130	2	1011.5	1011.3	..	29.4	25.3	23.5	28.9	71	..	5.3	..	7.0	0	0	29	06	1	3	1	0	2	8	8	2	0
	1430	2	1009.2	1009.0	..	29.6	25.4	23.5	28.9	69	..	5.6	..	7.3	0	0	29	05	0	4	2	0	2	7	9	2	0
	1730	2	1009.1	1008.9	+0.4	28.4	24.9	23.2	28.6	74	- 4	5.9	+0.3	5.0	0	0	23	03	0	1	1	0	1	10	7	8	0
	2030	2	1011.0	1010.8	..	26.5	24.1	23.0	28.1	81	..	4.1	..	4.6	0	1	16	02	0	0	0	0	0	8	7	14	0
	2330	2	1011.5	1011.3	..	25.8	23.8	22.8	27.9	84	..	3.6	..	5.3	0	1	15	01	0	0	0	0	0	7	8	15	0
ILL STATIONS(EXCLUDING KASHMIR)																											
DALHOUSIE	0830	1959	1470.0	802.9	+2.1	13.7	..	..	..	..	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	.
	1730	1959	1470.0	803.1	+3.1	16.6	..	..	..	..	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	.
DHARMASALA	0830	1211	1557.8	885.4	+1.1	19.6	14.0	9.5	11.9	52	- 3	2.2	+0.9	1.5	0	0	15	00	10	3	2	0	0	0	0	16	0
	1730	1211	1547.0	883.9	+0.4	22.2	15.4	10.3	17.5	45	-12	3.1	+1.1	2.6	0	0	31	00	1	0	1	3	24	1	1	0	0
BHUNTAR	0830	1096	1532.6	895.8	..	11.7	9.9	8.3	10.9	80	..	1.9	..	3.3	0	0	26	13	6	2	0	2	1	1	1	5	0
	1130	1096	1528.1	894.0	..	19.4	13.6	8.7	11.4	51	..	2.5	..	7.0	0	1	29	03	6	6	3	9	1	1	1	1	0
	1730	1096	1504.3	891.4	..	20.4	14.1	8.9	11.4	49	..	2.9	..	14.8	0	9	22	05	1	4	6	9	1	1	4	0	0
SIMLA	0830	2202	1516.7	784.4	+0.1	13.7	7.2	- 1.4	5.4	40	- 7	2.0	+0.7	1.4	0	0	18	00	3	0	8	1	5	0	1	13	0
	1730	2202	1499.0	782.8	-0.1	13.6	8.7	3.8	8.0	54	- 5	1.7	-0.4	1.6	0	0	23	03	1	0	4	4	4	1	6	8	0
GHANGARIA (KANJALIA TOK)	0830		..	..	..	3.8	1.4	- 1.9	5.2	68	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	.
BADRINATH	0830		(R)																								
JOSHIMATH	0830		..	..	..	13.9	8.4	2.8	7.5	47	-19	0.9	-1.0	6.0	0	0	28	00	0	26	0	1	1	0	0	3	0
	1730		..	..	..	17.1	9.9	3.5	7.9	40	-22	3.6	-0.3	4.3	0	0	30	04	1	7	1	11	2	4	0	1	0
MUSSOORIE	0830	2042	1508.9	798.7	-1.1	14.5	8.8	2.8	7.5	48	-15	1.3	-0.3	0.6	0	0	9	04	2	0	0	1	0	0	2	22	0
	1730	2042	1488.4	796.9	-1.6	14.0	10.6	7.4	10.3	67	-11	1.4	-1.3	1.3	0	0	15	04	2	0	3	3	0	0	3	16	0
MUKTESWAR (KUMAUN)	0830	2311	3162.3	775.3	+0.9	13.5	8.2	2.2	7.2	48	-10	1.0	-0.4	6.0	0	0	28	00	0	4	6	0	2	12	4	3	0
	1730	2311	3144.9	773.7	+1.0	13.2	9.3	5.5	9.0	62	- 8	2.2	+0.1	10.3	0	1	29	01	2	0	0	2	6	13	6	1	0
NAINITAL	0830	1953	1504.3	806.7	+0.3	15.3	9.8	4.4	8.4	49	-10	0.6	-1.3	1.5	0	0	11	06	0	0	0	1	1	3	0	0	0
	1730	1953	1491.8	805.0	+0.3	13.8	9.8	6.2	9.5	61	-13	0.6	-1.7	6.5	0	0	31	03	1	0	0	3	3	21	0	0	0
KALIMPONG	0830	1209	1504.4	880.1	+0.1	17.7	15.6	14.2	16.2	80	- 2	2.1	-0.6	6.0	0	0	31	00	0	0	2	0	0	0	29	0	0
	1730	1209	1474.7	876.9	-0.5	18.8	17.6	16.9	19.3	89	+ 4	2.2	-1.1	6.1	0	0	31	00	0	0	26	0	2	0	3	0	0
DARJEELING	0830	2128	1537.7	793.6	-0.1	15.9	12.1	9.3	11.7	66	- 9	3.0	-1.3	0.3	0	0	2	00	1	0	0	0	1	0	0	29	0
	1730	2128	1519.2	791.5	+0.3	14.0	11.8	10.2	12.4	79	-10	5.1	-0.4	0.1	0	0	2	00	0	0	0	0	2	0	0	29	0
KOHIMA	0830	1406	(R)																								
	1730	1406	(R)																								
SHILLONG(C.S.O.)	0830	1598	1525.9	843.1	+1.8	19.1	15.4	13.2	15.2	68	- 3	3.6	+0.0	3.0	0	0	26	01	3	3	4	1	3	4	7	5	0
	1730	1598	1497.8	840.3	+1.7	17.0	16.1	15.6	17.8	91	+ 4	5.7	-0.8	1.2	0	0	14	02	0	3	3	3	1	1	1	17	0
CHERRAPUNJI	0830	1313	1509.0	869.6	-1.2	20.4	16.9	14.7	16.7	71	- 4	1.8	-2.2	8.1	0	0	31	00	25	0	0	0	6	0	0	0	0
	1730	1313	1487.0	867.5	-0.5	18.5	17.0	16.1	18.3	84	- 3	3.2	-0.7	7.6	0	0	31	00	6	0	0	0	25	0	0	0	0
ABU	0830	1195	1533.0	883.9	+1.0	22.4	15.5	10.1	12.3	43	- 5	0.0	-1.0	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
	1730	1195	1516.7	881.9	+0.9	25.7	15.9	8.4	11.0	34	- 8	0.4	-1.2	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
AIJAL	0830		(R)																								
	1730		(R)																								
PACHMARHI	0830	1075	1527.9	895.9	+0.6	21.3	16.1	12.1	14.5	58	- 6	2.2	-0.6	1.9	0	0	16	02	6	6	0	1	0	0	1	15	0
	1730	1075	1507.0	893.3	+0.3	24.0	16.8	11.6	13.9	48	- 8	2.5	-0.7	1.9	0	0	24	00	17	1	0	0	0	0	6	7	0
MAHABALESHWAR	0830	1382	1519.0	863.9	+0.3	18.8	15.2	12.3	14.3	68	- 7	2.0	-1.8	9.7	0	0	31	01	22	0	4	0	2	0	2	0	0
	1730	1382	1501.8	862.7	+1.1	21.7	17.7	14.9	16.9	68	-10	3.0	-1.6	8.9	0	0	31	00	19	0	1	0	0	0	11	0	0
MERCARA	0830	1153	1513.8	886.7	+0.8	19.6	18.0	17.0	19.9	85	- 4	4.6	-0.1	5.7	0	0	28	09	4	4	0	1	1	5	2	3	2
	1730	1153	1492.0	884.2	+0.7	22.2	19.9	18.7	21.6	81	- 4	5.7	+0.5	5.0	0	0	27	01	6	0	0	0	1	4	12	4	3
OOTACAMUND	0830	2249	1516.5	780.3	+0.6	13.3	11.9	11.1	13.0	86	+ 0	3.4	-1.1	1.2	0	0	10	00	2	0	0	0	3	5	0	21	0
	1730	2249	1488.0	777.9	+0.0	15.4	13.5	12.2	14.3	83	- 2	5.3	-1.0	1.1	0	0	12	00	4	2	0	0	0	6	0	19	0
COONOOR	0830	1747	..	..	..	18.5	15.2	13.1	15.1	72	- 4	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	.
KODAIKANAL	0830	2343	3155.7	771.9	+0.3	13.4	11.8	10.6	12.8	84	- 1	5.5	-0.1	7.7	0	2	25	04	5	1	4	1	0	2	10	4	0
	1130	2343	3163.9	771.8	..	16.7	13.8	11.9	13.9	74	..	6.2	..	9.2	0	0	30	06	5	1	7	3	0	0	8	1	0
	1730	2343	3138.8	770.1	+0.3	14.0	13.0	12.3	14.3	90	- 2	7.5	+0.4	7.3	0	0	27	08	3	1	4	2	0	2	7	4	0
MANALI	0830		..	..	..	6.4	4.7	3.0	7.6	79	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	.

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – OCTOBER ,1968 (ASVINA 9 - KARTIKA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lic. in gen. of mean standard barometric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind speed (Km. p. h.)			Wind direction									
															5 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HILL STATIONS(EXCLUDING KASHMIR)																											
MANALI	1730		..	..	..	14.0	9.6	6.0	9.3	59	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	.
NEPAL																											
KATMANDU	0830	1324	1521.4	870.2	-0.7	15.2	14.3	13.7	15.8	91	+ 7	3.2	-1.4	0.5	0	0	4	01	0	3	0	0	0	0	0	27	0
	1130	1324	1514.9	869.0	..	22.9	16.8	12.5	14.7	53	..	2.2	..	1.0	0	0	13	03	0	6	0	3	0	0	1	18	0
	1730	1324	1493.5	867.1	-0.6	19.1	16.2	14.3	16.3	74	- 2	2.9	-0.4	0.8	0	0	5	01	0	1	1	1	0	0	1	26	0
SIKKIM																											
LACHEN	0830		(R)																								
HYDROMETEOROLOGICAL OBSERVATORIES																											
DAMODAR CATCHMENT																											
TILAIYA	0830		..	..	..	25.3	21.6	19.6	22.8	72	..	1.9	..	2.3	0	0	9	00	0	4	1	1	0	2	1	22	0
	1730		..	..	..	26.5	21.8	19.2	22.7	65	..	2.2	..	0.8	0	0	4	00	0	3	0	0	0	0	1	27	0
HAZARIBAGH	0830	6154	1011.3	943.1	..	23.9	20.7	19.0	22.0	75	..	2.2	..	3.2	0	1	14	02	0	4	1	1	3	1	3	16	0
	1730	6154	1008.4	940.4	..	23.6	20.8	19.3	22.4	77	..	2.5	..	2.1	0	0	11	01	0	3	3	0	1	1	2	20	0
KONAR	0830		(R)																								
	1730		(R)																								
BOKARO	0830	2420	1011.0	983.5	..	24.3	21.5	19.9	23.2	77	..	1.8	..	..	.	..	..	..	..	..	..	..	..	..	..	..	.
	1730	2420	1005.0	978.0	..	27.1	22.5	20.1	23.5	65	..	1.9	..	..	.	..	..	..	..	..	..	..	..	..	..	..	.
MAITHON	0830		..	..	..	28.8	22.9	19.7	22.9	59	..	2.6	..	3.2	0	0	31	01	4	0	8	6	5	2	5	0	0
	1730		..	..	..	29.2	23.8	21.0	24.9	63	..	2.8	..	3.4	0	0	31	00	8	1	7	4	5	0	6	0	0
RAMGARH	0830		..	..	..	24.1	21.3	19.8	23.1	77	..	2.6	..	6.0	0	0	29	00	0	6	0	4	1	13	0	2	5
	1730		..	..	..	26.0	22.3	20.2	23.7	71	..	4.0	..	6.5	0	0	28	01	0	10	0	0	1	13	1	3	2
PANCHET HILLS	0830		..	..	..	25.6	22.5	20.9	24.7	76	..	2.7	..	2.8	0	0	28	00	6	0	9	0	4	0	9	3	0
	1730		..	..	..	27.5	23.2	21.0	24.9	68	..	3.4	..	1.5	0	0	14	00	6	0	5	0	0	0	3	17	0
DURGAPUR	0830		..	..	..	27.0	23.4	21.5	25.6	72	..	2.4	..	8.3	0	2	26	09	3	1	8	4	0	0	3	3	0
	1730		..	..	..	27.8	23.6	21.4	25.5	69	..	1.8	..	7.3	0	2	21	03	2	2	9	5	0	1	1	8	0
MAHANADI CATCHMENT																											
GINABAHAR	0830		..	..	..	24.1	20.4	18.3	21.3	70	..	1.7	..	..	.	..	..	..	..	..	..	..	..	..	..	..	.
HIRAKUD	0830	159	1011.1	993.2	..	27.1	23.3	21.4	25.5	72	..	3.3	..	3.1	0	0	14	02	9	0	0	0	2	0	1	16	1
	1130	159	1010.1	992.3	..	29.8	23.8	20.7	24.4	59	..	3.1	..	3.5	0	0	23	03	7	2	0	4	0	6	1	8	0
	1730	159	1007.5	989.8	..	29.2	23.7	20.9	24.7	62	..	3.5	..	2.1	0	0	7	00	6	0	0	0	1	0	0	24	0
BHIMKUND	0830		(R)																								
	1730		(R)																								
SONEPUR	0830		..	..	..	26.8	24.9	23.9	29.7	84	..	.	..	..	.	..	..	01	0	8	1	2	0	1	0	18	0
KHIJRAWAN	0830		..	..	..	24.4	21.9	20.5	24.1	79	..	3.8	..	3.7	0	0	29	03	2	3	7	3	3	7	1	2	0
	1730		..	..	..	26.2	23.1	21.5	25.6	76	..	4.4	..	3.9	0	0	29	03	5	1	5	2	6	1	6	2	0
NARMADA CATCHMENT																											
BAGRA TAWA	0830		..	..	..	23.4	19.3	16.6	19.0	66	..	1.7	..	7.0	0	0	25	01	4	2	3	4	10	1	0	6	0
	1730		..	..	..	28.7	20.7	15.5	17.8	46	..	1.6	..	4.1	0	0	18	03	2	1	7	4	1	0	0	13	0
PUNASA	0830		..	..	..	25.0	20.6	17.9	20.6	66	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	.
	1730		..	..	..	32.5	25.0	21.3	25.6	52	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	.
THIKRI	0830		..	..	..	27.3	20.5	16.2	18.5	53	..	1.8	..	..	.	..	..	..	..	..	..	..	..	..	..	..	.
SABARMATI CATCHMENT																											
DAROI	0830		..	..	..	26.0	20.3	16.4	18.6	56	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	.
	1730		..	..	..	33.8	22.4	15.3	17.4	34	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	.

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भारत सरकार

GOVERNMENT OF INDIA

मौसम विज्ञान विभाग

METEOROLOGICAL DEPARTMENT

भारतीय मौसम पुनरीक्षण

INDIA WEATHER REVIEW

1968

मासिक मौसम रिपोर्ट

MONTHLY WEATHER REPORT

नवम्बर

NOVEMBER

भारत सरकार के प्राधिकार द्वारा वेधशालाओं के महानिदेशक के निदेशाधीन प्रकाशित
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INDIA WEATHER REVIEW, 1968

Monthly Weather Report

NOVEMBER

MONTHLY WEATHER REPORT

FOR

NOVEMBER 1968

C O N T E N T S

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MEANINGS OF SYMBOLS AND ABBREVIATIONS IN TABLES II AND III

Symbol / Abbreviation	Meaning
(a)	Mean/total for 30 days
(b)	Mean/total for 29 days
(c)	Mean/total for 28 days
(d)	Mean/total for 27 days
(e)	Mean/total for 26 days
(f)	Mean/total for 25 days
(g)	Mean/total for 24 days
(h)	Mean/total for 23 days
(i)	Mean/total for 22 days
(j)	Mean/total for 21 days
(k)	Mean/total for 20 days
(l)	Mean/total for 19 days
(m)	Mean/total for 18 days
(n)	Mean/total for 17 days
(o)	Mean/total for 16 days
(p)	Mean/total for 15 days
*	Closed during winter months
(R)	Register not received, hence data not available
#	Data for less than 15 days, hence no means published
ds	Days
●	Data rejected
D.N.	Data not available
E	Estimated
H	Provisional height

INDIA WEATHER REVIEW, 1968
Monthly Weather Report
NOVEMBER

Published by the Authority of the Government of India

Chief features :

i) Two cyclonic storms in the Bay of Bengal, one of them being severe.
ii) Sub-normal rainfall over the south Peninsula; and
iii) Two western disturbances affecting northwest India during the first fortnight.

The trough of low pressure lying over north Orissa and Gangetic West Bengal at the end of last month moved away northeastwards across Assam by 3rd November. In association with it, scattered or isolated showers occurred over northeast India in the early part of the first week.

A low pressure area moving from the east into the south Bay of Bengal at the end of last month concentrated into a depression by the morning of 2nd with centre near Lat. 11°N and Long. 87°E. Moving slowly westnorthwestwards it intensified into a cyclonic storm by the evening of 4th centred near Lat. 13.0°N and Long. 82.5°E and crossed the south Andhra Coast near Nellore on the forenoon of 5th. The system weakened rapidly and lay as an upper air cyclonic circulation over the central parts of the Peninsula the next morning. Shifting westwards to the east central Arabian Sea, a well marked low pressure area formed off Mysore, Goa and adjoining Maharashtra Coasts on 7th. It finally moved away westwards across the central parts of Arabian Sea by 10th. Under its influence, there was widespread rainfall over the Bay Islands at the beginning of the month and over the south Peninsula in the later half of the first week with heavy falls over south Andhra Pradesh. Masulipatam recorded an exceptionally heavy fall of 46 cm of rain on 6th. The other noteworthy amounts of rainfalls recorded were : Nellore 10 cm on 5th, Gannavaram 12 cm, Calicut 10 cm and Pondicherry 8 cm on 6th.

A well marked low pressure area formed over the southwest Bay of Bengal off Ceylon and Madras coasts on 7th. It moved away slowly across the Maldive area by 10th. In association with it, there was good rainfall over the south Peninsula. Coimbatore (AP) recorded 8 cm of rain on 8th and Tondi 11 cm and Cuddalore and Atirampattinam 7 cm each on 9th.

A low pressure wave came into the Andaman Sea from the east on 7th and moving further westwards, concentrated into a depression by the morning of 9th with centre near Lat. 9°N and Long. 89°E. Moving rapidly northwestwards, it intensified into a severe cyclonic storm by the next morning with centre near Lat. 13°N and Long. 85°E. Thereafter the severe storm began to recurve slowly and taking a northnorth-eastward course skirted the north Andhra and Orissa coasts. It weakened into a cyclonic storm on 13th when it was close to Orissa coast and crossed the West Bengal coast near Sagar Island on the night of 14-15th. Weakening further rapidly into a depression by 15th morning with centre about 100 kms east-southeast of Calcutta and into a low pressure area later, it moved away northeastwards across South Assam by 17th. Under its influence, there was heavy rainfall over the coastal areas of Orissa and adjoining coastal Andhra Pradesh and of Gangetic West Bengal and south Assam. Some of the noteworthy amounts of rainfall recorded were : Gopalpur 14 cm, Kalingapatam 12 cm and Puri 11 cm on 13th, Chandbali 10 cm on 14th and Contai 12 cm on 15th. According to press reports, heavy rain and gales lashed the coastal districts of Ganjam and Puri worsening the situation in the areas yet to recover from the previous month'scyclone and flood devastation. Road, rail and air communications were also paralysed.

During the second fortnight the rainfall over the Peninsula was meagre; however, a few spells of rain occurred particularly in the extreme south Peninsula due to the passage of a few feeble low pressure systems. The seasonal low was well marked during the third week. A trough of low pressure lying close to north Madras and south Andhra Coasts on 14th moved slowly westwards to the east central Arabian Sea off Mysore, Goa and Maharashtra coasts by 17th and moved away westwards by 20th. This caused marked incursion of moist air from the Bay of Bengal into the north Peninsula and Gujarat State leading to isolated showers there. At the same time another well marked low pressure area also developed over the southwest Bay of Bengal on 16th. It moved away westwards across Comorin Maldive areas by 20th. In association, there was a spell of good rainfall over the extreme south Peninsula. Kallakkurichchi recorded 7 cm of rain on 19th. An easterly wave moved across the Peninsula on 28th and a trough of low

pressure developed off the west coast on 29th which caused isolated showers over the south Peninsula. Madras recorded 7 cm of rain on 28th.

With only two western disturbances affecting northwest India during the first fortnight, precipitation over the area was sub-normal. The first western disturbance lay over Baluchistan and adjoining West Pakistan on 1st. It moved away northeastwards across the Western Himalayas by 3rd causing fairly good precipitation there. Banihal recorded 5 cm of rain on 2nd. The other western disturbance was feeble and moved across the extreme northwestern parts of the country during the period 11-13th causing light precipitation in Jammu and Kashmir.

Night temperatures were below normal over northeast India during the first ten days of the month and again from 18th to 22nd, over the north Peninsula during the middle of the first week, from 12th to 17th and from 24th to 27th; over northwest India and the central parts of the country during the last week and over most parts of Uttar Pradesh from 4th to 8th and during the last week. They remained generally above normal over the north Peninsula from 6th to 9th, 18th to 20th and most of the last ten days of the month. Over northwest India also night temperatures were above normal for about two weeks from 10th.

The rainfall was in large excess in Gangetic West Bengal, Orissa, Jammu and Kashmir and Marathwada; in moderate excess in Coastal Andhra Pradesh, normal in South Assam, Telangana, North Interior Mysore and Kerala. It was in slight defect in Himachal Pradesh and Rayalaseema; in moderate defect in Bay Islands, Madras State and Coastal Mysore. It was in large defect over the rest of the country. There was no rain in Bihar Plains, East Uttar Pradesh, Haryana, Punjab, Rajasthan and West Madhya Pradesh.

The mean maximum temperature was above normal in Rajasthan, Saurashtra-Kutch and Coastal Mysore; below normal in Konkan. It was normal over the rest of the country.

The mean minimum temperature was normal over the whole of the country.

The mean Relative Humidity in the morning was above normal in Orissa, Jammu and Kashmir and North Interior Mysore; below normal in East Rajasthan, Gujarat, Saurashtra-Kutch, Konkan and Coastal Mysore. It was normal over the rest of the country.

The mean Relative Humidity in the evening was above normal in Orissa and Jammu and Kashmir; below normal in East Rajasthan and Gujarat. It was normal over the rest of the country.

The mean cloud amount in the morning was above normal in South Assam, Sub-Himalayan West Bengal, Gangetic West Bengal, Orissa, Bihar, East Uttar Pradesh, Haryana, East Madhya Pradesh, Marathwada and North Interior Mysore; below normal in North Assam, Punjab, Himachal Pradesh and Rajasthan. It was normal over the rest of the country.

The mean cloud amount in the evening was above normal in South Assam, Sub-Himalayan West Bengal, Gangetic West Bengal, Orissa, Bihar, East Uttar Pradesh, West Rajasthan, East Madhya Pradesh, Vidarbha and Rayalaseema; below normal in Punjab and Himachal Pradesh. It was normal over the rest of the country.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 17 chief political divisions and the 33 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. IST of the date noted in the succeeding column; similarly the heaviest rainfall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. IST of the date given in the succeeding column.

Poona - 5;
25 February 1969

Y. P. Rao
for Director General of Observatories

TABLE I - DIVISIONAL AND SUB-DIVISIONAL MEANS - NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

DIVISION	Rainfall (millimetres)	Percentage of normal	Mean maximum temperature °C	Mean minimum temperature °C	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud Amount (Oktas) 0830 hrs. IST.	Cloud Amount (Oktas) 1730 hrs. IST.
1	2	3	4	5	6	7	8	9
1.ASSAM(INCLUDING	12.6	50	27.8	15.5	78	75	2.5	2.2
NEFA,N.L.ETC)	- 12.7		+0.3	-0.2	0	- 3	0.0	+0.2
2.WEST BENGAL	41.9	176	28.9	16.9	70	68	2.5	2.5
	+ 18.1		+0.1	-0.2	0	+ 2	+0.9	+0.6
3.ORISSA	67.4	189	28.9	17.6	77	65	3.5	3.8
	+ 31.8		+0.1	+0.5	+ 6	+ 6	+1.2	+1.2
4.BIHAR	0.3	3	28.7	14.0	69	57	2.3	2.4
	- 10.1		+0.4	-0.7	+ 1	- 1	+1.0	+1.1
5.UTTAR PRADESH	0.1	2	28.6	11.9	64	50	1.0	1.0
	- 5.2		+0.6	-0.3	- 4	- 1	+0.3	+0.2
6.HARYANA(INCLU.	0.0	0	28.3	10.6	59	36	0.8	0.7
DELHI CHANDIGARH)	- 3.2		+0.1	+0.1	- 1	- 2	+0.2	-0.1
7.PUNJAB	0.0	0	28.3	9.2	68	43	0.8	0.7
	- 6.5		+0.9	-0.6	- 1	- 4	-0.4	-0.8
8.HIMACHAL	6.8	76	25.8	8.0	88	54	1.0	0.5
PRADESH	- 2.2		+1.0	+0.5	- 5	- 2	-4.3	-1.6
9.JAMMU AND	12.3	176	16.2	1.3	65	61	2.4	3.2
KASHMIR	+ 5.3		-0.3	-1.0	+ 6	+17	+0.1	+0.2
10.RAJASTHAN	0.0	0	31.3	12.1	50	31	0.7	1.1
	- 4.3		+1.8	+0.2	- 7	- 6	-0.2	0.0
11.MADHYA PRADESH	0.9	6	29.6	12.6	56	38	1.7	2.0
	- 13.2		+0.8	-0.3	- 5	- 3	+0.2	+0.2
12.GUJARAT STATE	0.3	7	33.7	17.5	46	32	1.3	1.3
(INCLU.DIU ETC)	- 4.3		+1.3	+0.3	-11	- 6	0.0	-0.1
13.MAHARASHTRA	10.4	44	30.5	17.2	58	45	2.4	2.6
STATE(INCL.GOA)	- 13.2		-0.2	-0.2	- 5	- 2	+0.1	0.0
14.ANDHRA PRADESH	84.8	116	29.9	20.2	74	61	4.0	4.5
	+ 12.0		+0.2	+0.6	+ 1	+ 3	+0.4	+0.6
15.MADRAS STATE	146.9	70	29.8	22.2	83	73	5.4	5.7
(INCL.PONDICH.)	- 64.3		+0.3	-0.2	+ 2	+ 2	+0.2	+0.2
16.MYSORE	31.3	60	29.3	18.9	74	52	4.1	4.5
	- 20.9		+0.1	+0.2	+ 2	- 1	+0.3	+0.3
17.KERALA	170.8	91	31.3	23.1	80	70	5.1	6.0
	- 17.5		+0.6	-0.1	- 1	- 4	+0.3	+0.4

SUB-DIVISION	Rainfall (millimetres)	Percentage of normal	Mean maximum temperature °C	Mean minimum temperature °C	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud Amount (Oktas) 0830 hrs. IST.	Cloud Amount (Oktas) 1730 hrs. IST.
SUB-DIVISION								
1.BAY ISLANDS	170.5	71	30.4	22.9	77	82	4.6	4.9
	- 71.3		+0.9	-0.9	- 3	- 4	-0.5	-0.3
2.NORTH ASSAM	1.7	9	28.5	15.3	77	76	2.1	1.9
(INCLUDING NEFA)	- 16.4		+0.9	-0.6	- 1	- 3	-0.6	-0.1
3.SOUTH ASSAM	39.2	92	26.4	15.8	80	75	3.4	2.8
(INCL.N.LAND ETC)	- 3.6		-0.9	+0.6	+ 2	- 1	+1.1	+0.7
4.SUB-HIMALAYAN	1.3	13	28.8	14.8	71	71	2.4	2.8
WEST BENGAL	- 8.8		+0.7	-0.3	0	- 4	+1.1	+1.1
5.GANGETIC WEST-	52.0	190	28.9	17.5	69	67	2.5	2.5
BENGAL	+ 24.7		0.0	-0.1	- 1	+ 4	+0.8	+0.5
6.ORISSA	67.4	189	28.9	17.6	77	65	3.5	3.8
	+ 31.8		+0.1	+0.5	+ 6	+ 6	+1.2	+1.2
7.BIHAR PLATEAU	0.8	5	28.4	14.0	63	51	2.4	2.6
	- 14.7		+0.7	-0.5	- 2	- 3	+0.8	+0.8
8.BIHAR PLAINS	0.0	0	28.9	14.0	74	62	2.2	2.2
	- 6.9		0.0	-0.8	+ 3	+ 1	+1.1	+1.2
9.UTTAR PRADESH	0.0	0	29.1	12.8	66	54	1.2	1.1
(EAST)	- 5.3		+0.4	-0.1	- 4	0	+0.5	+0.4
10.UTTAR PRADESH	0.3	6	27.9	10.8	62	43	0.8	0.9
(WEST)	- 5.0		+0.9	-0.3	- 3	- 3	+0.1	0.0
11.HARYANA(INCLU.	0.0	0	28.3	10.6	59	36	0.8	0.7
DELHI CHANDIGARH)	- 3.2		+0.1	+0.1	- 1	- 2	+0.2	-0.1
12.PUNJAB	0.0	0	28.3	9.2	68	43	0.8	0.7
	- 6.5		+0.9	-0.6	- 1	- 4	-0.4	-0.8
13.HIMACHAL	6.8	76	25.8	8.0	88	54	1.0	0.5
PRADESH	- 2.2		+1.0	+0.5	- 5	- 2	-4.3	-1.6
14.JAMMU AND KASH-	12.3	176	16.2	1.3	65	61	2.4	3.2
-MIR	+ 5.3		-0.3	-1.0	+ 6	+17	+0.1	+0.2
15.RAJASTHAN(WEST)	0.0	0	32.0	12.9	48	35	0.7	1.2
	- 2.5		+1.9	+0.6	- 5	+ 1	-0.2	+0.2
16.RAJASTHAN(EAST)	0.0	0	30.8	11.5	52	28	0.7	1.1
	- 5.7		+1.7	-0.1	- 8	-11	-0.2	-0.1
17.MADHYA PRADESH	0.0	0	30.1	12.1	52	34	1.3	1.5
(WEST)	- 15.2		+1.0	-0.7	- 5	- 2	-0.1	-0.2
SUB-DIVISION(CONTD)								
18.MADHYA PRADESH	2.1	17	29.0	13.2	62	43	2.3	2.8
(EAST)	- 10.6		+0.7	+0.1	- 5	- 4	+0.6	+0.9
19.GUJARAT REGION	0.4	9	33.7	16.8	43	26	1.1	1.1
(INCL.DAMAN ETC)	- 4.3		+0.7	+0.6	-13	-10	-0.2	-0.2
20.SAURASHTRAKUTCH	0.2	4	33.7	18.0	48	36	1.4	1.5
(INCLUDING DIU)	- 4.4		+1.6	+0.1	- 9	- 4	+0.1	+0.1
21.KONKAN	4.5	18	30.6	22.0	61	63	2.3	2.2
(INCLUDING GOA)	- 20.6		-1.3	+0.3	- 7	- 2	-0.2	-0.5
22.MADHYA-	13.0	45	30.8	15.8	57	38	2.3	2.6
-MAHARASHTRA	- 15.8		0.0	-0.2	- 4	- 1	0.0	-0.2
23.MARATHWADA	40.8	155	29.9	14.2	53	34	2.6	3.0
	+ 14.4		-0.3	-0.2	- 2	- 4	+0.5	+0.4
24.VIDARBHA	2.5	16	30.3	15.5	57	38	2.5	2.8
	- 12.9		+0.6	-0.5	- 5	- 4	+0.4	+0.5
25.COASTAL ANDHRA	149.3	127	29.8	22.0	78	69	4.2	4.7
-PRADESH	+ 31.4		+0.2	+0.8	+ 2	+ 2	+0.4	+0.6
26.TELANGANA	18.9	96	30.1	18.2	70	51	3.3	3.7
	- 0.8		+0.2	+0.6	0	+ 3	+0.3	+0.5
27.RAYALASEEMA	55.0	86	29.7	19.8	74	61	4.4	5.4
	- 9.1		+0.2	+0.4	0	+ 4	+0.4	+0.9
28.MADRAS STATE	146.9	70	29.8	22.2	83	73	5.4	5.7
(INCL.PONDICH.)	- 64.3		+0.3	-0.2	+ 2	+ 2	+0.2	+0.2
29.COASTAL MYSORE	40.2	62	32.9	22.5	70	64	3.5	4.0
	- 24.2		+1.1	+0.4	- 6	- 5	-0.4	-0.2
30.INTERIOR MYSORE	34.7	99	29.0	18.3	71	44	4.2	4.2
(NORTH)	- 0.2		-0.3	+0.4	+ 8	+ 1	+1.1	+0.5
31.INTERIOR MYSORE	23.9	39	27.7	17.7	78	54	4.4	5.1
(SOUTH)	- 37.5		0.0	0.0	0	- 1	-0.1	+0.4
32.KERALA	170.8	91	31.3	23.1	80	70	5.1	6.0
	- 17.5		+0.6	-0.1	- 1	- 4	+0.3	+0.4
33.ARABIAN SEA-	34.3	30	31.0	23.7	78	73	4.3	4.9
ISLANDS	- 80.2		+0.8	-0.5	- 1	- 4	-0.1	-0.4

Note :- The entries in the second line for each division and sub-division indicate departures from normal.

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	0.3 mm. or more	Blow or dust	Hail	Thunder heard	Fog	Duststorm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
BAY ISLANDS																												
MAYA BANDAR	29.9	+0.9	30.9	13	24.4	+0.1	21.9	09	20.2	73.6	- 99.7	20.8	09	8	- 0.8	12.5	10.2	+1.9	0	12	0	R	2	0	0	0	0	0
LONG ISLAND	30.6	+0.3	31.4	19	23.7	-0.1	21.8	24	40.2	110.2	-119.3	46.0	09	10	- 0.1	6.4	3.2	+1.5	0	12	0	0	3	0	0	0	0	0
PORT BLAIR	31.2	+2.0	32.3	08	23.9	+0.3	22.0	26	86.8	181.5	- 69.2	76.9	09	9	- 2.9	8.5	7.0	-4.7	0	16	0	0	7	0	0	0	1	0
CAR NICOBAR	30.2	+0.4	31.0	06 ds	22.3	-1.0	20.0	13	106.8	186.6	- 68.4	64.6	09	10	- 4.0	5.4	3.6	0.0	0	11	0	0	1	0	0	0	0	0
NAN COWRY	31.6	+1.4	33.4	30	20.8	-3.2	18.8	14	145.0	303.7	+ 27.7	89.1	14	12	- 3.0	1.9	1.2	-1.3	0	13	0	0	4	0	0	0	0	0
KONDUL	28.6	+0.2	30.3	29	22.3	-1.6	20.5	14	54.8	167.1	- 99.1	31.7	05	9	- 6.9	5.3	3.0	-1.0	0	11	0	0	1	0	0	0	0	0
NORTH ASSAM (INCLUDING NEFA)																												
PASIGHAT	27.3	+0.4	28.2	16	16.7	+0.1	14.3	14	0.0	6.0	- 15.4	4.2	09	1	- 0.9	8.5	14.6	+2.4	0	3	0	0	2	0	0	0	0	0
DIBRUGARH (MOHANBARI)	27.9	+1.1	29.1	16	13.1	-1.2	9.9	25	0.0	0.0	- 21.2	0.0	..	0	- 1.8	4.2	2.1	+0.5	0	0	0	0	0	3	0	0	0	0
DIGBOI	26.7	-0.2	29.3	10	14.9	-1.0	12.6	28	0.0	7.1	- 10.8	6.6	01	1	- 0.9	..	..	..	0	2	0	0	0	0	0	0	0	0
NORTH LAKHIMPUR	28.4	+0.7	29.4	10	12.6	-1.3	9.1	29	0.0	1.8	- 26.2	1.8	01	0	- 2.1	3.3	1.6	..	0	1	0	0	0	0	0	0	0	0
SIBSAGAR	..	..	..	..	..	..	..	..	0.0	0.0	- 33.0	0.0	..	0	- 2.4	..	..	..	0	0	..	..	..	..	..	..	..	..
GOHPUR	28.2	+0.9	29.6	05	13.3	-1.0	9.6	25	0.0	0.0	- 14.6	0.0	..	0	- 1.3	2.2	1.7	..	0	0	0	0	0	0	0	0	0	0
MAJBAT	28.4	..	30.5	01	14.7	..	12.0	29	0.0	0.0	- 19.3	0.0	..	0	- 1.7	2.7	1.9	-0.5	0	0	0	0	0	0	0	0	0	0
JORHAT AERODROME	28.0	..	29.0	18	15.3	..	12.2	27	0.0	1.5	..	1.5	01	0	..	..	..	..	0	1	0	0	0	17	0	0	0	0
TANGLA	29.7	+1.3	32.0	17	14.8	-0.3	12.3	25	0.0	0.0	- 17.7	0.0	..	0	- 1.0	1.6	1.5	+0.2	0	0	0	0	0	0	0	0	0	0
TEZPUR	29.0	+1.4	32.3	08	15.6	-0.9	13.2	25	0.0	6.2	- 15.6	4.6	01	1	- 0.8	3.3	3.4	+1.3	0	2	0	0	0	0	0	0	0	0
GOLAGHAT	28.3	+1.1	29.1	07	14.9	-0.2	11.4	28	0.0	1.6	- 21.0	1.2	01	0	- 1.5	2.1	1.5	..	0	2	0	0	0	0	0	0	0	0
RANGIA	28.8	+0.1	30.4	01	16.0	-0.2	13.6	25	0.0	0.0	- 13.1	0.0	..	0	- 1.3	..	..	..	0	0	0	0	0	0	0	0	0	0
CHAPARMUKH	31.0	+2.3	30.1	07 ds	18.6	+1.3	15.1	04	0.0	0.0	- 16.6	0.0	..	0	- 1.1	1.3	2.2	..	0	0	0	0	0	4	0	0	0	0
GOALPARA	29.7	+0.6	31.1	16	16.2	-0.3	11.4	12	0.0	0.0	- 7.9	0.0	..	0	- 0.9	3.0	1.9	+0.2	0	0	0	0	0	0	0	0	0	0
GAUHATI (BHORJOR)	28.0	+0.5	29.5	01	15.9	-1.4	13.5	26	0.0	1.3	- 8.6	1.3	07	0	- 1.0	4.8	2.5	..	0	1	0	0	0	11	0	0	0	0
DHUBRI (RUPSI)	28.1	0.0	29.7	02	15.0	-0.6	12.8	18	0.0	0.0	- 0.9	0.0	..	0	- 0.1	6.3	5.2	+2.8	0	0	0	0	0	1	0	0	0	0
DHUBRI	27.2	+0.9	29.4	07	17.2	-0.6	15.1	22	0.0	0.0	- 10.9	0.0	..	0	- 0.8	9.8	6.4	+1.9	0	0	0	0	0	0	0	0	0	0
LUMDING	28.6	+1.5	32.0	01	15.4	0.0	11.8	28	0.0	4.1	- 26.1	2.9	07	1	- 0.8	3.0	2.0	..	0	2	0	0	0	0	0	0	0	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																												
TURA	24.0	-2.5	28.4	03	17.1	+0.8	15.5	27	13.0	15.0	- 1.3	13.0	16	1	- 0.5	3.3	4.8	+0.2	0	2	0	0	0	0	0	0	0	0
HAFLONG	21.7	-2.3	24.1	04	14.5	-0.3	12.5	26	5.4	23.6	-102.3	10.4	16	3	+ 1.4	..	..	..	0	3	0	0	0	0	0	0	0	0
SILCHAR (KUMBHIRGRAM)	29.2	+0.1	31.4	06	17.3	+1.2	14.4	24	2.6	84.0	+ 68.1	46.7	14	3	+ 1.7	4.4	6.5	+0.1	0	4	0	0	0	0	0	0	0	0
SILCHAR	26.1	-3.1	27.6	30	18.5	+0.9	15.4	24	0.8	31.0	- 12.4	19.0	16	2	- 0.1	1.3	0.9	-0.6	0	4	0	0	0	0	0	0	0	0
IMPHAL (TULIHAL)	25.6	+0.8	27.4	30	9.6	-0.5	5.4	21	0.2	41.6	+ 13.5	28.6	17	2	+ 0.5	4.8	2.9	-0.4	1	4	0	0	0	11	0	0	0	0
KAILASHAHAR	29.1	+0.2	31.7	30	16.6	+0.9	13.6	26	5.8	12.8	- 8.6	6.4	15	2	+ 1.4	4.3	2.2	+0.7	0	4	0	0	0	8	0	0	0	0
AGARTALA	29.1	+0.4	31.9	30	17.0	+1.0	13.8	20	12.1	66.2	+ 17.5	49.0	01	3	+ 1.3	5.5	3.0	+0.1	0	6	0	0	1	6	0	0	0	0
SUB-HIMALAYAN WEST BENGAL																												
BAGHDOGRA	29.3	+0.8	31.4	09	12.2	-1.9	8.9	29	0.0	0.0	- 6.0	0.0	..	0	- 0.4	6.5	5.8	+3.0	0	0	0	0	0	0	0	0	0	0
JALPAIGURI	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
COOCH BEHAR AERODROME	28.2	-0.1	30.0	06	14.6	-0.9	11.6	23	0.0	4.0	- 6.2	2.2	03	0	- 0.7	4.9	2.0	0.0	0	2	0	0	0	3	0	0	0	0
BALURGHAT	29.5	..	31.2	04	17.1	..	13.6	20	0.0	0.0	..	0.0	..	0	..	2.6	2.2	..	0	0	0	0	0	0	0	0	0	0
MALDA	29.0	+1.4	31.0	04	17.5	+1.8	13.9	19	0.0	0.0	- 14.0	0.0	..	0	- 0.8	2.9	2.0	-1.8	0	0	0	0	0	0	0	0	0	0
GANGETIC WEST BENGAL																												
BERHAMPORE	30.1	+0.7	34.1	05	18.0	+0.6	14.4	19	4.3	4.6	- 13.2	4.3	15	1	+ 0.1	1.8	0.9	-0.4	0	2	0	0	0	20	0	0	0	0
SURI	28.6	+0.3	31.4	05	16.8	0.0	13.7	21	..	1.5	- 21.6	1.5	15	0	- 0.5	.	3.6	-1.6	0	1	0	0	0	0	0	0	0	0
ASANSOL	30.4	+1.4	33.4	04	14.5	-1.6	10.2	21	0.0	0.0	- 16.5	0.0	..	0	- 1.1	5.9	3.0	-1.8	0	0	0	0	0	2	0	0	0	0
SHANTI NIKETAN	29.2	..	32.1	04	16.4	..	13.0	21	0.5	1.2	..	1.2	16	0	..	4.3	3.6	..	0	1	0	0	0	1	0	0	0	0
KRISHNANAGAR	29.7	-0.5	32.8	04	16.1	-0.6	11.0	20	9.1	43.8	+ 17.9	23.5	15	3	+ 1.8	5.4	3.3	+1.3	0	3	0	0	0	0	0	0	0	0
PURULIA	28.8	+0.7	32.2	04	16.1	-0.5	13.2	29	0.0	0.0	- 19.0	0.0	..	0	- 1.1	4.8	2.8	-0.3	0	0	0	0	1	0	0	0	0	0
BANKURA	30.1	..	33.6	05	16.5	..	13.1	21	0.1	0.5	- 17.0	0.5	15	0	- 1.1	2.2	2.0	..	0	1	0	0	0	0	0	0	0	0
BURDWAN	29.5	+0.8	32.2	05	17.6	-0.2	14.4	21	10.0	20.0	- 5.1	20.0	15	1	- 0.1	4.5	3.2	+0.1	0	1	0	0	0	0	0	0	0	0
CALCUTTA (DUM DUM)	28.1	-0.9	31.6	04	18.2	+0.6	14.3	21	18.5	43.2	+ 14.6	33.4	15	3	+ 1.9	5.6	3.0	-0.9	0	4	0	0	0	5	0	0	0	0
CALCUTTA	29.1	-0.4	31.8	03	18.4	0.0	14.9	21	12.5	43.3	+ 16.1	29.3	15	3	+ 1.7	5.5	3.0	+0.4	0	4	0	0	0	0	0	0	0	0
MIDNAPORE	28.0	-1.0	31.0	08	17.4	+0.4	13.5	21	16.0	38.4	+ 6.9	35.4	15	2	+ 0.6	4.8	3.1	+0.3	2	2	0	0	0	0	0	0	0	0
CONTAI	28.1	-1.1	31.0	05	19.2	+0.4	15.8	29	73.4	213.0	+153.0	119.8	15	5	+ 2.8	4.5	2.6	-0.3	0	6	0	0	0	0	0	0	0	0
SAGAR ISLAND	27.2	-0.7	29.6	09	20.3	0.0	17.9	29	99.0	216.1	+181.3	82.6	15	6	+ 4.4	12.0	10.0	-1.1	0	6	0	0	3	12	0	0	0	0
SANDHEADS	28.7	..	33.3	09	23.3	..	17.3	24	77.4	170.2	+116.6	71.4	15	4	+ 2.0	..	..	..	0	4	0	0	1	1	0	0	0	0
ORISSA																												
BARIPADA	28.9	-0.7	32.4	04	..	..	..	..	8.0	24.1	+ 8.8	15.4	14	2	+ 1.2	2.0	1.0	-0.5	0	4	0	0	0	0	0	0	0	0
JHARSUGUDA	30.2	+1.1	32.9	05	16.0	+0.9	12.5	30	0.0	0.0	- 6.5	0.0	..	0	- 0.7	8.0	6.3	+0.4	0	0	0	0	0	8	0	0	0	0
KEONJHARGARH	28.3	+1.5	29.4	05	13.9	-1.3	10.2	30	0.0	0.0	- 7.1	0.0	..	0	- 0.8	1.8	2.4	-0.7	0	0	0	0	0	0	0	0	0	0
BALASORE	28.2	-0.6	31.0	04	17.6	-0.1	14.0	30	87.6	140.2	+ 93.5	65.2	14	4	+ 2.4	5.8	3.9	+0.1	0	4	0	0	0	0	0	0	0	0
SAMBALPUR	29.6	+0.3	31.6	05	16.7	+0.9	12.9	30	0.0	0.0	- 12.7	0.0	..	0	- 0.9	6.8	5.6	+2.5	0	0	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation: 0.1 & 0.5 mm.	0.5 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
ORISSA (CONTD.)																												
ANGUL	28.8	+0.1	31.5	07	16.9	-0.7	12.0	30	0.0	4.0	- 25.7	4.0	13	1	- 0.6	..	..	..	0	1	0	0	0	0	0	0	0	0
CHANDBALI	28.2	-0.6	31.4	04	18.4	0.0	13.5	30	39.9	211.7	+146.4	110.0	14	5	+ 3.0	..	..	..	0	5	0	0	0	0	0	0	0	0
BOLANGIR	29.7	+0.4	32.1	05	16.3	+0.4	12.0	30	0.0	0.0	- 3.7	0.0	..	0	- 0.8	4.8	3.0	-0.9	0	0	0	0	0	0	0	0	0	0
PHULBANI	27.8	..	31.0	07	13.8	..	8.6	25	0.0	0.8	..	0.8	20	0	..	2.9	1.4	..	0	1	0	0	0	2	0	0	0	0
CUTTACK	29.7	-0.4	32.8	08	18.8	0.0	15.0	30	8.7	45.0	- 0.2	36.7	13	2	+ 0.4	5.0	4.5	+1.2	0	4	0	0	0	0	0	0	0	0
TITLAGARH	30.2	+1.0	32.6	02	17.8	+1.6	13.3	30	0.0	0.0	- 7.5	0.0	..	0	- 0.7	3.3	3.7	+1.6	0	0	0	0	0	0	0	0	0	0
BHUBANESWAR	28.6	-0.8	31.4	08	17.9	-0.1	10.9	26	26.4	87.4	+ 36.9	81.3	13	3	+ 1.4	10.6	8.7	+1.4	1	3	0	0	0	0	0	0	0	0
PURI	29.4	+0.1	31.4	02	17.6	-3.2	11.8	30	98.7	178.9	+ 98.1	109.2	13	4	+ 1.6	..	..	..	0	4	0	0	0	0	0	0	0	0
GOPALPUR	28.9	-0.4	31.3	02	19.4	-0.1	15.7	30	78.9	221.0	+119.9	143.4	13	6	+ 3.3	..	..	..	0	7	0	0	0	1	0	0	0	0
KORAPUT	26.1	+0.7	29.4	21	22.0	+8.3	0.0	00	18.0	30.8	+ 5.2	10.4	16	4	+ 2.2	..	..	..	1	5	0	0	0	0	0	0	0	0
BIHAR PLATEAU																												
DUMKA	29.3	+0.6	33.0	04	15.1	0.0	12.1	20	0.0	0.0	- 15.5	0.0	..	0	- 0.9	3.4	3.2	+0.9	0	0	0	0	0	0	0	0	0	0
DALTONGANJ	29.4	+1.3	32.2	03	11.5	-1.3	7.7	23	0.0	0.0	- 14.2	0.0	..	0	- 0.8	..	..	..	0	0	0	0	0	0	0	0	0	0
HAZARIBAGH	25.8	+0.2	28.4	06	11.4	-1.3	7.7	29	0.0	0.0	- 18.0	0.0	..	0	- 1.1	8.1	5.5	-0.1	0	0	0	0	0	0	0	0	0	0
DHANBAD	29.3	+1.5	33.7	12	16.2	+0.6	12.6	29	0.0	6.0	- 9.1	6.0	01	1	+ 0.5	4.3	3.0	-3.4	0	1	0	0	0	0	0	0	0	0
RANCHI AERODROME	25.6	+0.3	29.2	04	13.4	-0.1	10.0	25	0.0	0.0	- 4.0	0.0	..	0	- 0.5	10.5	7.2	-0.2	0	0	0	0	0	0	0	0	0	0
JAMSHEDPUR	29.8	+0.7	33.4	04	15.2	-0.3	10.7	30	0.0	0.0	- 19.5	0.0	..	0	- 1.2	5.8	3.8	+0.6	0	0	0	0	0	0	0	0	0	0
JAMSHEDPUR P.B.O.	28.9	+0.6	32.3	04	15.4	+0.2	12.1	21	0.0	0.0	- 16.0	0.0	..	0	- 0.5	6.7	3.4	0.0	0	0	0	0	0	0	0	0	0	0
CHAIBASA	29.1	+0.6	32.1	05	14.0	-1.4	10.4	23	0.0	0.0	- 21.8	0.0	..	0	- 1.3	2.8	2.0	-0.2	0	0	0	0	0	0	0	0	0	0
BIHAR PLAINS																												
MOTIHARI	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
FORBESGANJ	28.5	-1.5	30.8	03	14.6	+0.8	10.8	19	0.0	0.0	- 3.5	0.0	..	0	- 0.1	4.2	2.3	-0.2	0	0	0	0	0	1	0	0	0	0
DARBHANGA	29.2	+0.5	32.0	01	14.7	-0.5	11.5	20	0.0	0.0	- 7.9	0.0	..	0	- 0.5	1.8	1.4	+0.2	0	0	0	0	0	0	0	0	0	0
MUZAFFARPUR	28.2	..	30.6	02	14.1	..	10.9	29	0.0	0.0	- 7.1	0.0	..	0	- 0.5	3.5	1.8	..	0	0	0	0	0	0	0	0	0	0
CHAPRA	29.7	..	33.0	04	16.2	..	12.3	29	0.0	0.0	- 6.1	0.0	..	0	- 0.5	2.8	1.8	..	0	0	0	0	0	0	0	0	0	0
PURNEA	28.5	-0.3	30.4	01	12.9	-1.5	9.2	19	0.0	0.0	- 10.2	0.0	..	0	- 0.6	2.2	1.1	-0.8	0	0	0	0	0	0	0	0	0	0
PATNA	29.0	+0.1	31.6	01	16.0	-0.1	12.3	29	0.0	0.0	- 8.9	0.0	..	0	- 0.6	3.6	3.0	-0.6	0	0	0	0	0	0	0	0	0	0
PATNA AERODROME	28.8	+0.5	31.8	04	13.4	-0.4	9.5	29	0.0	0.0	- 7.8	0.0	..	0	- 0.2	4.8	2.2	-0.1	0	0	0	0	0	11	0	0	0	0
ARRAH	..	..	..	..	..	..	..	..	..	0.0	- 6.6	0.0	..	0	- 0.6	..	..	..	0	0	0	0	0	0	0	0	0	0
BHAGALPUR	28.7	-0.3	31.3	04	17.0	+0.4	13.6	20	0.0	0.0	- 5.0	0.0	..	0	- 0.3	3.9	3.5	+0.1	0	0	0	0	0	3	0	0	0	0
SABAUR	28.7	+0.4	31.8	04	12.6	-1.4	8.5	20	0.0	0.0	- 7.9	0.0	..	0	- 0.7	4.9	2.1	-1.3	0	0	0	0	0	1	0	0	0	0
JAMUI	28.9	-0.2	31.9	03	14.0	-0.9	10.8	20	0.0	0.0	- 2.3	0.0	..	0	- 0.2	3.3	2.6	+0.2	0	0	0	0	0	0	0	0	0	0
DEHRI	29.6	+0.7	32.5	02	12.3	-2.7	9.0	30	0.0	0.0	- 11.9	0.0	..	0	- 0.7	3.8	2.7	-0.4	0	0	0	0	0	0	0	0	0	0
GAYA	29.1	+0.6	32.5	04	12.6	-1.5	8.7	29	0.0	0.0	- 4.6	0.0	..	0	- 0.3	4.2	2.4	-2.6	0	0	0	0	0	0	0	0	0	0
UTTAR PRADESH EAST																												
KHERI	28.9	+0.4	31.4	01	13.3	+0.2	9.0	26	0.0	0.0	- 1.1	0.0	..	0	- 0.1	2.1	1.3	-0.1	0	0	0	0	0	0	0	0	0	0
BAHRAICH	29.2	+0.6	31.6	01	13.4	0.0	9.1	29	0.0	0.0	- 5.8	0.0	..	0	- 0.4	4.0	2.0	-0.7	0	0	0	0	0	0	0	0	0	0
NAUTANWA	28.8	+1.2	30.6	01	13.5	-0.3	10.4	28	0.0	0.0	- 1.3	0.0	..	0	- 0.4	2.6	1.3	0.0	0	0	0	0	0	0	0	0	0	0
HARDOI	28.9	0.0	31.4	01	12.6	+0.3	8.1	30	0.0	0.0	- 1.9	0.0	..	0	- 0.2	2.8	2.2	-0.7	0	0	0	0	0	0	0	0	0	0
GONDA	29.0	+0.4	31.5	01	12.3	-0.3	8.3	28	0.0	0.0	- 3.5	0.0	..	0	- 0.2	2.5	2.0	-0.4	0	0	0	0	0	0	0	0	0	0
LUCKNOW	27.5	-1.8	..	..	..	..	..	..	0.0	0.0	- 5.6	0.0	..	0	- 0.3	..	..	..	0	0	0	0	0	0	0	0	0	0
LUCKNOW (AMAUSI)	29.4	+1.2	33.1	02	11.2	+0.3	6.0	28	0.0	0.0	- 0.7	0.0	..	0	- 0.1	5.6	3.0	-1.1	0	0	0	0	0	0	0	0	0	0
FAIZABAD	30.5	+2.3	33.4	01	12.3	+0.1	7.1	29	0.0	0.0	- 2.4	0.0	..	0	- 0.2	2.6	1.1	-0.6	0	0	0	0	0	0	0	0	0	0
GORAKHPUR	29.6	+1.1	32.5	02	15.2	+0.6	11.3	29	0.0	0.0	- 4.8	0.0	..	0	- 0.3	4.1	1.8	-0.2	0	0	0	0	0	0	0	0	0	0
KANPUR	29.8	+0.9	34.3	03	12.2	-0.1	6.5	28	0.0	0.0	- 6.6	0.0	..	0	- 0.3	7.6	3.3	-1.8	0	0	0	0	0	0	0	0	0	0
KANPUR (AERODROME)	29.9	..	34.0	02	12.1	..	6.1	28	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
SULTANPUR	29.9	+1.2	33.2	03	12.5	-1.1	7.4	29	0.0	0.0	- 0.9	0.0	..	0	- 0.2	0.6	0.0	-2.5	0	0	0	0	0	0	0	0	0	0
AZAMGARH	30.4	+0.9	33.4	03	12.3	-1.0	7.9	29	0.0	0.0	- 7.6	0.0	..	0	- 0.3	3.4	1.3	..	0	0	0	0	0	0	0	0	0	0
FATEHPUR	29.8	+0.8	33.6	03	11.4	-1.3	7.4	28	0.0	0.0	- 2.4	0.0	..	0	- 0.4	..	..	..	0	0	0	0	0	0	0	0	0	0
BALLIA	24.9	-3.9	29.5	03	..	..	..	..	0.0	0.0	- 13.4	0.0	..	0	- 0.3	..	..	..	0	0	0	0	0	0	0	0	0	0
BANDA	27.9	-1.3	35.6	02	13.0	+0.1	8.2	29	0.0	0.0	- 3.1	0.0	..	0	- 0.2	0.8	0.2	-0.5	0	0	0	0	0	0	0	0	0	0
ALLAHABAD (BAMHRAULI)	31.0	+2.0	34.7	02	12.7	-0.4	7.9	29	0.0	0.0	- 8.6	0.0	..	0	- 0.7	4.0	1.8	-1.6	0	0	0	0	0	0	0	0	0	0
VARANASI (BABATPUR)	29.1	+0.5	33.5	02	12.5	-0.4	8.6	29	0.0	0.0	- 14.9	0.0	..	0	- 0.2	4.3	5.4	+0.3	0	0	0	0	0	0	0	0	0	0
VARANASI	29.6	+1.0	32.5	01	14.4	+1.0	10.4	29	0.0	0.0	- 10.2	0.0	..	0	- 0.6	2.1	1.5	-3.7	0	0	0	0	0	3	0	0	0	0
UTTAR PRADESH WEST																												
MUKHIM	18.7	+1.2	20.4	09	7.9	+0.3	4.7	28	0.0	0.0	- 15.3	0.0	..	0	- 0.7	..	..	..	0	0	0	0	0	0	0	0	0	0
TEHRI	26.6	+1.2	29.2	06	10.1	+0.9	2.4	29	0.0	0.0	- 7.3	0.0	..	0	- 0.3	3.0	1.8	..	0	0	0	0	0	0	0	0	0	0
DEHRA DUN	25.6	+0.9	27.7	02	9.9	-0.4	5.8	29	0.0	0.5	- 7.1	0.5	01	0	- 0.5	2.6	3.0	0.0	0	1	0	0	0	0	0	0	0	0
MANSIARI	15.0	..	18.1	23	4.3	..	1.6	28	..	2.4	..	2.2	01	0	..	..	..	..	1	1	0	0	0	0	0	0	0	0
ROORKEE	28.0	+1.5	30.5	03	9.1	-1.0	4.5	26	0.0	2.8	- 1.5	2.8	01	1	+ 0.7	3.0	1.7	-0.9	0	1	0	0	1	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena - No. of days with										
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
UTTAR PRADESH WEST (CONTD.)																												
NAJIBABAD	27.4	+0.6	30.3	02	9.9	-0.9	4.8	26	0.0	0.0	- 4.8	0.0	..	0	- 0.5	5.1	3.5	+1.2	0	0	0	0	1	0	0	0	0	0
MEERUT	29.8	+1.9	33.0	03	8.9	-2.4	4.4	28	..	0.0	- 2.5	0.0	..	0	- 0.3	.	3.9	-0.5	0	0	0	0	0	0	0	0	0	0
BAREILLY	28.8	+0.4	32.2	01	13.5	+0.9	10.2	28	0.0	0.0	- 4.1	0.0	..	0	- 0.3	4.7	3.0	+0.8	0	0	0	0	1	1	0	0	0	0
ALIGARH	29.3	+0.3	33.8	03	12.0	-0.1	7.5	28	0.0	0.0	- 0.5	0.0	..	0	- 0.1	6.4	3.5	-1.1	0	0	0	0	0	0	0	0	0	0
MAINPURI	30.6	+0.6	33.8	02	10.5	-1.2	6.2	28	0.0	0.0	- 3.3	0.0	..	0	- 0.3	..	..	..	0	0	0	0	0	0	0	0	0	0
AGRA	29.9	+0.7	33.6	02	12.0	0.0	7.0	28	0.0	0.0	- 3.3	0.0	..	0	- 0.3	2.9	1.9	-0.7	0	0	0	0	0	0	0	0	0	0
AGRA AERODROME	30.4	..	34.0	01	10.7	..	4.6	28	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
ORAI	29.9	+0.8	35.0	02	12.8	+0.3	8.0	28	0.0	0.0	- 0.7	0.0	..	0	- 0.1	4.3	3.1	-1.3	0	0	0	0	0	0	0	0	0	0
JHANSI	30.4	+0.7	34.5	04	12.8	-0.3	8.9	30	0.0	0.0	- 9.4	0.0	..	0	- 0.6	4.1	4.6	+1.1	0	0	0	0	0	0	0	0	0	0
MORADABAD	27.8	..	30.7	03	11.5	..	8.0	24	0.0	0.0	..	0.0	..	0	..	2.6	2.8	..	0	0	0	0	0	0	0	0	0	0
UTTAR KASHI	25.2	..	27.0	06	8.3	..	5.2	30	..	2.0	..	2.0	02	0	..	..	..	..	0	1	0	0	0	0	0	0	0	0
HARYANA (INCLUDING DELHI AND CHANDIGARH)																												
CHANDIGARH	27.6	+0.6	30.4	01	10.5	+0.2	6.6	30	..	..	..	..	..	..	..	..	..	..	.	..	0	0	0	0	0	0	0	0
AMBALA	27.4	-1.2	30.8	11	8.8	-1.4	3.1	30	0.0	0.0	- 4.3	0.0	..	0	- 0.4	..	..	..	0	0	0	0	0	0	0	0	0	0
AMBALA AERODROME	28.7	..	31.6	01	7.7	..	3.3	29	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
KARNAL	27.5	+0.3	30.3	01	..	..	..	..	0.0	0.0	- 5.3	0.0	..	0	- 0.4	4.9	4.6	..	0	0	0	0	0	0	0	0	0	0
HISSAR	29.9	+0.3	33.6	11	10.9	+1.1	5.5	30	0.0	0.0	- 1.0	0.0	..	0	- 0.1	4.8	4.3	-0.2	0	0	0	0	0	0	0	0	0	0
NEW DELHI/SAFDARJUNG	28.9	+0.2	32.5	01	12.1	+0.3	7.2	28	0.0	0.0	- 2.0	0.0	..	0	- 0.2	12.0	7.4	+0.7	0	0	0	0	0	0	0	0	0	0
PALAM AERODROME	28.8	..	33.0	01	10.3	..	4.7	30	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
GURGAON	29.0	..	32.0	01	8.2	..	3.0	28	0.0	0.0	..	0.0	..	0	..	3.7	2.3	..	0	0	0	0	0	0	0	0	0	0
NARNAUL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
ROHTAK	25.9	..	32.8	11	10.7	..	4.8	28	0.0	0.0	..	0.0	..	0	..	7.0	6.8	..	0	0	0	0	0	0	0	0	0	0
PUNJAB																												
PATHANKOT	27.4	+1.5	29.6	01	8.2	-1.6	3.9	29	0.0	0.0	- 10.0	0.0	..	0	- 0.8	..	..	..	0	0	0	0	0	0	0	0	0	0
AMRITSAR	27.4	+0.9	30.8	11	8.8	0.0	3.1	30	0.0	0.0	- 7.4	0.0	..	0	- 0.6	..	..	..	0	0	0	0	0	0	0	0	0	0
ADAMPUR AERODROME	27.8	..	31.0	01	6.8	..	1.0	30	0.0	8.1	..	8.1	01	1	..	..	..	..	0	1	0	0	1	0	0	0	0	0
LUDHIANA	29.0	+0.2	32.4	11	10.4	+0.3	5.7	30	0.0	0.0	- 3.3	0.0	..	0	- 0.4	4.4	2.2	+0.2	0	0	0	0	0	0	0	0	0	0
FEROZEPUR	27.8	+0.3	30.0	11	8.9	-0.8	2.5	30	0.0	0.0	- 8.7	0.0	..	0	- 0.5	3.1	2.3	+0.9	0	0	0	0	0	0	0	0	0	0
HALWARA AERODROME	28.5	..	31.2	01	7.6	..	1.7	30	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	1	0	0	0	0	0
PATIALA	28.3	+0.1	31.1	01	10.7	+0.1	6.2	30	0.0	0.0	- 3.8	0.0	..	0	- 0.4	5.8	6.3	-0.2	0	0	0	0	0	0	0	0	0	0
BHATINDA	29.8	+2.5	35.1	03	8.4	-1.5	3.4	27	0.0	0.0	- 5.7	0.0	..	0	- 0.8	1.1	1.8	-1.5	0	0	0	0	0	0	0	0	0	0
HIMACHAL PRADESH																												
MANDI	25.2	+0.8	27.7	11	6.5	-0.3	3.1	30	6.2	12.6	+ 4.9	6.4	01	2	+ 1.6	..	..	..	0	2	0	0	0	0	0	0	0	0
BILASPUR	26.3	+1.2	29.2	14	9.5	+1.4	6.0	30	0.0	1.0	- 9.2	1.0	01	0	- 0.7	4.0	2.5	+0.2	0	1	0	0	1	0	0	0	0	0
JAMMU AND KASHMIR																												
MISGAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
GILGIT	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
SKARDU	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
DRAS	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
SONAMARG	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
LEH	8.1	+0.3	10.1	07	9.2	-2.6	-14.9	30	0.0	0.0	- 1.8	0.0	..	0	- 0.3	7.0	6.8	+1.8	0	0	0	0	0	0	0	0	0	0
SRINAGAR	12.7	-2.8	15.4	08	0.5	+0.2	- 4.1	30	15.9	33.6	+ 20.9	30.8	02	2	+ 0.9	3.2	3.0	0.0	1	2	2	0	2	0	0	0	0	0
SRINAGAR AERODROME	11.8	..	15.3	17	0.6	..	- 4.2	30	16.8	30.0	..	29.4	02	1	..	..	..	..	1	2	1	0	0	0	0	0	0	0
GULMARG	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
QAZIGUND	13.1	..	15.6	22	0.8	..	- 3.4	30	12.4	38.9	..	33.6	02	2	..	..	..	..	1	3	0	0	2	0	0	0	0	0
BANIHAL	16.3	..	21.0	09	4.2	..	- 1.0	28	22.2	51.2	..	47.0	02	2	..	0.0	0.0	..	0	3	0	0	2	0	0	0	0	0
JAMMU	27.7	+1.5	29.7	08	12.7	-0.7	8.7	30	0.0	3.4	- 3.2	3.4	02	1	+ 0.4	5.9	5.4	..	0	1	0	0	0	0	0	0	0	0
JAMMU AERODROME	26.8	..	29.2	08	11.8	..	7.5	27	0.0	2.9	..	2.9	02	1	..	..	..	..	0	1	0	0	1	0	0	0	0	0
GULMARG (RESEARCH INSTITUTE)	6.3	..	10.2	17	- 3.7	..	- 8.8	02	36.9	57.9	..	35.5	02	3	..	..	..	..	0	5	5	0	1	4	0	0	0	0
RAJASTHAN, WEST																												
GANGANAGAR	30.3	+0.9	34.6	09	11.3	+2.4	5.2	30	0.0	0.0	- 3.0	0.0	..	0	- 0.2	2.0	1.4	-1.9	0	0	0	0	0	0	0	0	0	0
ANUPGARH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
CHURU	30.4	+2.1	34.7	11	8.2	-1.6	2.4	29	0.0	0.0	- 5.7	0.0	..	0	- 0.5	5.6	3.4	-0.8	0	0	0	0	0	0	0	0	0	0
BIKANER	31.1	+0.8	34.7	12	11.5	+1.5	4.6	30	0.0	0.0	- 1.0	0.0	..	0	- 0.1	5.8	3.8	+0.3	0	0	0	0	0	0	0	0	0	0
NAGAUR	32.0	+3.3	35.4	09	11.6	-0.9	5.0	30	0.0	0.0	- 0.3	0.0	..	0	0.0	5.3	3.9	-1.0	0	0	0	0	0	0	0	0	0	0
PHALODI	32.4	+2.1	35.7	08	13.5	+0.4	6.0	30	0.0	0.0	- 0.8	0.0	..	0	- 0.1	9.8	7.3	-4.5	0	0	0	0	0	0	0	0	0	0
JAISALMER	..	..	..	..	..	..	..	..	0.0	0.0	- 4.1	0.0	..	0	- 0.3	9.1	6.1	+0.6	0	0	0	0	0	0	0	0	0	0
JODHPUR	33.3	+1.9	36.8	10	15.7	+1.8	11.1	28	0.0	0.0	- 1.8	0.0	..	0	- 0.1	..	..	..	0	0	0	0	0	0	0	0	0	0
BARMER	33.5	+2.0	36.8	13	17.4	+1.5	14.0	26	0.0	0.0	- 0.3	0.0	..	0	- 0.1	4.8	4.0	-1.3	0	0	0	0	0	0	0	0	0	0
ERINPURA (JAWAI DAM)	33.2	+2.5	35.1	02	14.1	-0.5	8.8	26	0.0	0.0	- 5.6	0.0	..	0	- 0.3	4.2	2.9	-0.8	0	0	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No. of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena No. of days of occurrence									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
RAJASTHAN, WEST (CONTD.)																												
JALORE	34.2	..	35.8	12	..	..	..	..	0.0	0.0	..	0.0	..	0	..	5.0	4.3	..	0	0	0	0	0	0	0	0	0	0
RAJASTHAN, EAST																												
PILANI	30.3	+1.9	33.5	11	10.2	-0.5	5.0	30	0.0	0.0	-6.6	0.0	..	0	-0.5	6.7	5.8	-0.9	0	0	0	0	0	0	0	0	0	0
SIKAR	29.7	+0.6	32.6	03	7.8	-2.6	3.4	28	0.0	0.0	-4.1	0.0	..	0	-0.3	0.9	0.5	-3.8	0	0	0	0	0	0	0	0	0	0
ALWAR	29.4	+1.2	33.8	02	12.3	0.0	6.6	28	0.0	0.0	-8.9	0.0	..	0	-1.2	3.7	1.7	-0.6	0	0	0	0	0	0	0	0	0	0
JAIPUR (SANGANER)	30.4	+1.4	33.2	01	12.6	+0.6	7.2	30	0.0	0.0	-2.3	0.0	..	0	-0.3	..	..	..	0	0	0	0	0	0	0	0	0	0
DHOLPUR	31.1	+2.2	34.4	03	11.2	-0.1	8.2	19	0.0	0.0	-0.7	0.0	..	0	-0.4	3.6	2.2	-0.7	0	0	0	0	0	0	0	0	0	0
AJMER	30.9	+2.0	33.8	09	12.9	+2.0	8.6	28	0.0	0.0	-3.3	0.0	..	0	-0.4	5.0	2.7	+0.4	0	0	0	0	0	0	0	0	0	0
TONK	31.7	+3.8	35.3	01	10.5	-1.4	5.0	30	0.0	0.0	-12.9	0.0	..	0	-0.8	4.7	2.8	-1.2	0	0	0	0	0	0	0	0	0	0
BHILWARA	31.0	..	34.7	02	13.3	..	8.7	30	0.0	0.0	..	0.0	..	0	..	4.9	4.0	..	0	0	0	0	0	0	0	0	0	0
KOTA	31.9	+1.1	35.2	11	13.6	-1.2	8.0	29	0.0	0.0	-6.1	0.0	..	0	-0.6	0.4	0.1	-1.6	0	0	0	0	0	0	0	0	0	0
KOTA AERODROME	30.8	..	34.0	01	14.3	..	9.5	30	0.0	0.0	..	0.0	..	0	..	6.4	4.6	..	0	0	0	0	0	0	0	0	0	0
CHAMBAL (RAWAT BHATTA DAM)	31.5	+1.6	34.6	01	13.0	+2.4	9.6	30	0.0	0.0	-0.9	0.0	..	0	-0.1	5.7	3.1	-0.3	0	0	0	0	0	0	0	0	0	0
UDAIPUR	30.2	+1.1	33.0	06	11.0	0.0	8.7	29	0.0	0.0	-3.6	0.0	..	0	-0.3	2.2	1.1	-0.4	0	0	0	0	0	0	0	0	0	0
JHALAWAR	31.4	+1.6	35.4	03	11.3	-0.9	7.4	29	0.0	0.0	-13.2	0.0	..	0	-1.0	5.2	2.7	+0.6	0	0	0	0	0	0	0	0	0	0
BANSWARA	32.5	..	34.6	01	16.5	..	14.5	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
DUNGARPUR	32.2	..	34.4	04	..	..	..	..	0.0	0.0	..	0.0	..	0	..	2.1	1.7	..	0	0	0	0	0	0	0	0	0	0
MADHYA PRADESH, WEST																												
GWALIOR	30.1	+0.7	34.6	02	10.4	-0.1	5.1	30	0.0	0.0	-3.1	0.0	..	0	-0.4	6.6	3.4	+0.6	0	0	0	0	0	0	0	0	0	0
SHEOPUR	31.1	+1.7	34.4	10	11.5	+0.5	6.3	28	0.0	0.0	-4.4	0.0	..	0	-0.4	6.2	4.8	+0.7	0	0	0	0	0	0	0	0	0	0
SHIVPURI	29.1	..	32.6	03	9.0	..	3.8	29	0.0	0.0	..	0.0	..	0	..	6.0	2.8	..	0	0	0	0	0	0	0	0	0	0
NOWGONG	30.1	+1.0	34.0	02	10.5	0.0	5.2	29	0.0	0.0	-14.5	0.0	..	0	-0.7	4.5	2.1	0.0	0	0	0	0	0	0	0	0	0	0
GUNA	30.2	+1.3	34.0	02	8.9	-1.7	3.9	30	0.0	0.0	-21.6	0.0	..	0	-0.8	7.9	4.2	+1.3	0	0	0	0	0	0	0	0	0	0
NIMACH	30.3	+1.0	32.8	01	14.2	+1.0	11.2	30	0.0	0.0	-8.1	0.0	..	0	-0.5	5.8	4.2	-0.7	0	0	0	0	0	0	0	0	0	0
RAJGARH	30.7	+0.8	34.2	04	11.7	-0.8	7.7	29	0.0	0.0	0.0	0.0	..	0	-0.7	6.6	4.1	-0.3	0	0	0	0	0	0	0	0	0	0
SAGAR	31.3	+3.6	32.7	14	15.8	+0.3	14.1	30	0.0	0.0	-23.4	0.0	..	0	-1.1	11.8	11.9	+5.2	0	0	0	0	0	0	0	0	0	0
RATLAM	30.9	+0.6	34.0	03	14.5	-0.1	11.9	27	0.0	0.0	-3.0	0.0	..	0	-0.3	7.8	7.8	+1.9	0	0	0	0	0	0	0	0	0	0
BHOPAL (BAIRAGARH)	29.2	+0.7	31.8	04	12.7	-0.6	10.2	24	0.0	0.0	-20.6	0.0	..	0	-1.1	8.3	5.7	+1.4	0	0	0	0	0	0	0	0	0	0
UJJAIN	29.7	..	32.7	04	9.6	..	7.3	28	0.0	0.0	..	0.0	..	0	..	7.3	3.5	..	0	0	0	0	0	0	0	0	0	0
NARSINGHPUR	29.9	..	33.2	03	8.8	..	5.4	28	0.0	0.0	..	0.0	..	0	..	3.5	1.5	..	0	0	0	0	0	0	0	0	0	0
HOSHANGABAD	29.2	-0.1	31.5	12	12.7	-1.8	8.8	28	0.0	0.0	-21.3	0.0	..	0	-1.0	..	..	..	0	0	0	0	0	0	0	0	0	0
INDORE	29.1	+0.3	32.0	02	12.6	+0.5	8.7	28	0.0	0.0	-21.1	0.0	..	0	-1.2	10.3	6.4	-1.1	0	0	0	0	0	0	0	0	0	0
RAJPUR (JHABUA)	31.8	+0.7	34.5	05	13.1	-2.1	11.0	28	0.0	0.0	-5.7	0.0	..	0	-0.7	1.9	0.7	-2.1	0	0	0	0	0	0	0	0	0	0
CHHINDWARA	28.3	+0.6	31.2	05	11.3	-0.5	8.1	28	0.0	0.0	-18.0	0.0	..	0	-0.3	..	..	..	0	0	0	0	0	13	0	0	0	0
SEONI	28.3	+0.8	31.5	05	13.5	+0.2	9.7	23	0.0	0.0	-21.6	0.0	..	0	-1.1	7.3	4.2	-0.4	0	0	0	0	0	0	0	0	0	0
BETUL	28.1	+0.4	30.5	05	7.7	-4.3	4.6	14	0.0	0.0	-28.9	0.0	..	0	-1.2	6.2	3.6	-0.2	0	0	0	0	0	0	0	0	0	0
KHANDWA	32.5	+1.3	34.1	05	11.7	-1.8	8.5	28	0.0	0.0	-27.2	0.0	..	0	-1.2	6.7	4.5	+0.2	0	0	0	0	0	0	0	0	0	0
TIKAMGARH	29.3	..	33.0	10	11.2	..	4.6	30	0.0	0.0	..	0.0	..	0	..	4.7	3.5	..	0	0	0	0	0	0	0	0	0	0
MADHYA PRADESH, EAST																												
SATNA	30.0	+1.1	33.6	03	11.8	+0.2	7.1	29	0.0	0.0	-12.2	0.0	..	0	-0.8	5.3	3.2	+0.5	0	0	0	0	0	0	0	0	0	0
REWA	29.5	..	33.6	04	11.9	..	7.4	29	0.0	0.0	..	0.0	..	0	..	3.5	1.6	..	0	0	0	0	0	0	0	0	0	0
SIDHI	29.7	+0.6	33.2	03	11.5	-0.2	7.6	29	0.0	0.0	-1.4	0.0	..	0	-0.2	2.7	1.5	-1.1	0	0	0	0	0	0	0	0	0	0
UMARIA	28.9	+1.3	32.3	04	10.2	-0.6	7.3	29	0.0	0.0	-21.9	0.0	..	0	-1.0	4.3	2.7	+0.2	0	0	0	0	0	0	0	0	0	0
JABALPUR	29.8	+0.9	33.2	04	11.6	-0.1	8.4	29	0.0	0.0	-18.8	0.0	..	0	-1.0	3.9	2.0	-0.8	0	0	0	0	0	0	0	0	0	0
AMBIKAPUR	27.2	+1.2	29.9	04	10.7	+0.2	7.4	23	0.0	0.0	-1.1	0.0	..	0	-0.1	7.8	5.2	-0.6	0	0	0	0	0	0	0	0	0	0
JASHPURNAGAR	26.1	..	28.6	04	10.6	..	7.7	23	0.0	0.0	..	0.0	..	0	..	5.2	2.7	..	0	0	0	0	0	0	0	0	0	0
PENDRA	27.2	+0.9	30.0	05	13.6	+0.2	10.1	28	0.0	0.0	-17.8	0.0	..	0	-1.3	5.1	3.6	-0.1	0	0	0	0	0	0	0	0	0	0
MANDLA	28.8	+0.7	31.5	05	9.3	-0.6	6.6	22	0.0	0.0	-7.9	0.0	..	0	-0.2	3.3	1.5	-0.1	0	0	0	0	0	0	0	0	0	0
CHAMPA	29.6	+0.3	31.8	04	15.4	-0.7	12.5	23	0.0	0.0	-5.7	0.0	..	0	-0.6	4.5	5.1	+0.2	0	0	0	0	0	0	0	0	0	0
RAIGARH	30.7	+0.9	33.6	04	16.9	+0.5	12.7	23	0.0	0.0	-0.7	0.0	..	0	-0.1	5.5	4.1	+0.3	0	0	0	0	0	0	0	0	0	0
RAIPUR	29.3	+0.2	31.4	08	15.7	-0.3	12.4	23	0.0	0.0	-14.5	0.0	..	0	-0.9	6.5	4.0	-0.1	0	0	0	0	0	0	0	0	0	0
KANKER	28.7	+0.4	31.1	01	15.5	+1.3	11.5	23	0.0	0.0	-20.3	0.0	..	0	-1.1	2.9	2.7	-0.3	0	0	0	0	0	0	0	0	0	0
JAGDALPUR	28.5	+0.4	31.0	01	16.4	+1.7	12.0	25	20.2	25.1	-4.9	22.2	07	1	-0.8	..	..	..	1	3	0	0	2	0	0	0	0	0
GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																												
DEESA	34.3	+1.2	36.5	05	16.1	+2.1	12.4	28	0.0	0.0	-1.8	0.0	..	0	-0.1	6.8	5.4	..	0	0	0	0	0	0	0	0	0	0
RADHANPUR	33.5	+0.8	36.3	12	17.0	+2.0	13.7	24	0.0	0.0	-3.8	0.0	..	0	-0.2	6.3	4.0	-0.7	0	0	0	0	0	0	0	0	0	0
IDAR	33.6	+1.9	36.4	06	19.1	-0.1	15.3	11	0.0	0.0	0.0	0.0	..	0	-0.3	6.4	4.9	-1.4	0	0	0	0	0	0	0	0	0	0
AHMADABAD	34.7	+1.7	37.6	06	16.7	+0.6	13.7	26	0.0	0.0	-4.3	0.0	..	0	-0.4	8.9	4.6	+0.5	0	0	0	0	0	0	0	0	0	0
DOHAD	31.9	+0.4	34.0	03	15.4	+0.1	11.9	28	0.0	0.0	-11.1	0.0	..	0	-0.6	8.0	6.0	-0.7	0	0	0	0	0	0	0	0	0	0
VALLABH VIDYANAGAR	33.9	..	36.7	01	14.9	..	12.3	17	0.0	0.0	..	0.0	..	0	..	7.8	5.2	..	0	0	0	0	0	5	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena - No. of days with										
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Duststorm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
GUJARAT REGION (INCLUDING DAMAN DADRA AND NAGAR HAVELI)																												
BARODA AERODROME	30.8	-2.5	34.3	09	13.5	-2.9	6.0	26	0.0	0.0	- 2.1	0.0	..	0	- 0.3	9.7	8.3	+1.8	0	0	0	0	0	0	0	0	0	0
BARODA	35.7	+2.3	38.4	06	16.7	+2.4	13.6	24	0.0	0.0	- 5.2	0.0	..	0	- 0.4	5.2	3.5	+0.9	0	0	0	0	0	0	0	0	0	0
BROACH	..	..	..	..	..	..	..	..	..	0.0	- 1.2	0.0	..	0	- 0.1	8.1	5.8	+1.2	0	0	0	0	0	0	0	0	0	0
SURAT	35.3	+0.4	38.4	05	19.5	+0.3	15.2	28	3.6	3.6	- 9.3	3.6	20	1	+ 0.5	11.1	7.3	+1.1	0	1	0	0	0	0	0	0	0	0
SAURASHTRA AND KUTCH (INCLUDING DIU)																												
NALIYA	34.0	+2.2	36.6	10	15.2	+0.9	11.4	29	0.0	0.0	- 7.7	0.0	..	0	- 0.7	14.7	10.4	+1.0	0	0	0	0	0	0	0	0	0	0
BHUJ (RUDRAMATA)	34.0	+1.7	36.0	03	16.5	+0.9	12.6	26	0.0	0.0	- 1.0	0.0	..	0	- 0.2	10.8	7.1	+0.1	0	0	0	0	1	0	0	0	0	0
KANDLA AERODROME	34.1	..	36.0	07	18.5	..	15.0	30	0.0	0.0	..	0.0	..	0	..	13.2	13.8	..	0	0	0	0	0	0	0	0	1	0
NEW KANDLA	32.7	+2.4	35.6	05	20.3	+0.2	16.7	27	0.0	0.0	- 15.8	0.0	..	0	- 0.4	7.2	8.4	-2.7	0	0	0	0	0	0	0	0	0	0
MANDVI	31.1	+0.6	35.3	09	19.0	-0.2	14.2	18	0.0	0.0	- 1.8	0.0	..	0	- 0.5	14.8	14.5	+0.7	0	0	0	0	0	0	0	0	0	0
SURENDRANAGAR	34.6	+1.8	36.9	05	19.0	+1.1	15.1	30	0.0	0.0	- 1.1	0.0	..	0	- 0.1	6.1	4.4	-2.3	0	0	0	0	0	0	0	0	0	0
OKHA	29.6	..	30.9	10	23.7	..	21.9	02	0.0	0.0	..	0.0	..	0	..	12.6	15.4	..	0	0	0	0	0	0	0	0	0	0
JAMNAGAR AERODROME	33.7	+1.4	36.0	07	16.6	+0.5	13.2	18	0.0	0.0	- 2.3	0.0	..	0	- 0.2	..	..	..	0	0	0	0	0	0	0	0	0	0
DWARKA	32.5	+1.7	35.4	11	21.5	+1.0	19.4	24	0.0	0.0	- 2.0	0.0	..	0	- 0.1	14.6	11.3	-1.1	0	0	0	0	0	0	0	0	0	0
RAJKOT	33.9	+0.7	36.2	05	17.3	+0.8	14.2	18	0.0	0.0	- 2.8	0.0	..	0	- 0.3	12.4	9.4	-1.2	0	0	0	0	1	0	0	0	0	0
BHAVNAGAR AERODROME	33.1	+1.5	35.4	05	16.9	-1.1	13.6	28	0.0	0.0	- 0.6	0.0	..	0	- 0.1	14.3	10.2	+3.4	0	0	0	0	0	0	0	0	0	0
PORBANDER AERODROME	35.3	+2.3	38.0	06	18.3	-1.7	14.4	18	0.0	0.0	- 11.3	0.0	..	0	- 0.3	13.9	9.2	..	0	0	0	0	0	1	0	0	0	0
KESHOD	35.2	+1.4	37.5	06	16.6	-0.8	12.5	18	2.8	2.8	- 3.8	2.8	21	1	+ 0.4	16.7	11.9	-0.1	0	1	0	0	1	0	0	0	0	0
MAHUVA	33.7	..	36.3	01	19.6	..	16.0	14	0.0	0.0	- 2.1	0.0	..	0	- 0.3	7.3	5.5	..	0	0	0	0	0	0	0	0	0	0
VERAVAL	34.3	+1.4	37.3	06	19.0	+0.2	16.1	28	0.0	0.0	- 4.1	0.0	..	0	- 0.2	14.9	11.1	+0.8	0	0	0	0	0	0	0	0	2	0
DIU	31.2	..	35.2	01	21.4	..	18.6	28	0.0	0.0	..	0.0	..	0	..	16.7	11.1	..	0	0	0	0	0	0	0	0	0	0
KONKAN (INCLUDING GOA)																												
DAHANU	..	..	..	..	20.5	+0.5	17.0	27	0.0	0.0	- 30.7	0.0	..	0	- 0.7	..	..	..	0	0	0	0	0	0	0	0	0	0
BOMBAY (SANTACRUZ)	34.3	+1.2	35.8	01	20.2	+0.4	16.6	12	0.0	0.0	- 6.2	0.0	..	0	- 0.6	9.5	7.9	+0.8	0	0	0	0	1	0	0	0	0	0
BOMBAY	33.7	+1.4	36.4	01	23.0	+0.2	21.2	24	0.0	1.9	- 15.6	1.8	08	0	- 0.8	8.9	8.3	+0.1	1	1	0	0	2	0	0	0	0	0
ALIBAG	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
BHIRA	35.2	..	38.5	01	18.3	..	13.8	24	18.0	34.4	..	25.8	08	3	..	4.1	3.3	..	0	3	0	0	0	0	0	0	0	0
HARNAI	32.6	+2.0	35.4	04	24.6	+0.5	23.0	25	..	0.0	- 25.2	0.0	..	0	- 1.5	11.4	11.2	+0.6	0	0	0	0	0	0	0	0	0	0
RATNAGIRI	33.7	+1.3	35.4	01	21.7	+0.3	19.0	27	0.0	1.3	- 34.0	1.0	07	0	- 1.6	13.5	9.6	..	0	2	0	0	0	0	0	0	0	0
DEVGARH	33.0	+1.1	35.3	04	21.5	-0.9	19.6	13	1.8	1.8	- 28.0	1.8	09	0	- 1.9	13.6	10.5	-0.1	0	1	0	0	0	0	0	0	0	0
VENGURLA	33.7	+1.0	36.0	05	20.7	+0.1	15.9	13	5.0	14.6	- 5.8	6.8	02	2	+ 0.4	..	..	..	0	4	0	0	3	0	0	0	0	0
PANJIM	33.4	..	35.5	05	22.3	..	19.5	14	3.4	9.1	..	3.8	07	2	..	12.0	10.0	..	1	3	0	0	1	0	0	0	0	0
MORMUGAO	32.5	+1.5	34.6	05	23.6	+0.8	21.3	15	0.0	16.4	- 19.4	14.4	02	1	-.1.1	10.6	9.2	-0.3	0	2	0	1	1	0	0	0	0	0
DABOLIM (NAVAL AIR STN.)	..	..	..	..	23.0	..	20.2	14	4.7	17.1	..	9.7	02	3	..	9.3	6.1	..	0	3	0	0	2	0	0	0	0	0
MADHYA MAHARASHTRA																												
NANDURBAR	32.9	+0.1	36.0	02	18.6	+0.2	15.1	17	0.0	0.0	- 9.6	0.0	..	0	- 0.8	..	..	..	0	0	0	0	0	0	0	0	0	0
JALGAON	32.9	+0.9	35.4	05	14.1	-0.4	10.1	25	0.0	0.0	- 18.8	0.0	..	0	- 0.9	13.6	10.0	+2.9	0	0	0	0	0	0	0	0	0	0
MALEGAON	31.0	0.0	33.4	04	..	..	..	..	0.0	0.0	- 27.9	0.0	..	0	- 1.3	9.4	5.8	+1.1	0	0	0	0	0	0	0	0	0	0
OZAR	29.8	..	32.2	05	11.5	..	7.5	27	0.0	8.6	..	0.3	07	0	..	13.3	6.4	..	0	2	0	0	0	0	0	0	0	0
AHMADNAGAR	30.3	+0.6	33.2	01	14.6	-0.5	11.2	26	8.0	24.2	- 11.9	21.4	08	2	+ 0.3	12.3	7.4	+1.4	1	2	0	0	0	0	0	0	0	0
KHANDALA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
POONA AERODROME	30.6	..	32.7	01	14.7	..	10.5	15	1.0	15.0	..	9.0	07	2	..	..	..	..	0	2	0	0	0	0	0	0	0	0
POONA	29.9	0.0	32.5	01	12.3	-1.2	7.7	15	0.0	11.0	- 19.5	5.8	07	2	+ 0.2	8.1	3.3	..	0	2	0	0	1	0	0	0	0	0
JEUR	29.8	-1.1	34.0	05	15.5	+0.3	10.4	17	0.0	3.4	- 19.4	3.4	08	1	- 0.1	11.7	6.9	+1.6	0	1	0	0	0	0	0	0	0	0
BARAMATI	30.7	+0.8	33.5	01	15.4	-0.6	11.7	26	1.8	28.6	- 8.5	18.4	08	2	- 0.3	9.5	7.3	+0.6	0	5	0	0	0	0	0	0	0	0
SHOLAPUR	30.4	-0.6	33.5	01	17.4	+0.2	13.0	14	7.8	14.9	- 16.6	7.1	08	2	+ 0.3	13.8	10.9	+1.8	0	3	0	0	0	0	0	0	0	0
MIRAJ	30.0	-0.1	32.6	02	17.3	+0.2	10.9	14	0.0	8.8	- 32.3	4.6	07	2	- 0.4	..	..	..	0	3	0	0	0	0	0	0	0	0
KOLHAPUR	30.4	+0.1	33.4	01	16.9	+0.2	13.5	14	6.0	39.0	+ 6.7	29.4	07	2	0.0	14.2	7.8	-0.4	0	3	0	0	0	0	0	0	0	0
NASIK	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SANGLI	30.9	..	33.7	01	16.0	..	10.8	14	0.0	8.8	..	6.2	07	2	..	11.2	6.9	..	0	2	0	0	0	0	0	0	0	0
MARATHWADA																												
AURANGABAD	30.1	-0.2	32.0	01	16.1	0.0	13.2	26	34.0	45.8	+ 14.8	45.8	08	1	- 0.6	9.8	7.4	-0.1	0	1	0	0	0	0	0	0	0	0
AURANGABAD (CHIKALTHANA)	29.3	-0.6	32.1	05	11.0	-1.7	6.9	26	47.2	61.1	+ 47.0	61.1	08	1	0.0	13.5	7.9	+2.1	0	1	0	0	0	0	0	0	0	0
PARBHANI	30.2	-0.3	32.8	01	15.4	+1.0	11.9	27	10.4	15.6	- 18.4	15.6	08	1	- 0.7	10.5	6.1	+0.6	0	1	0	0	0	0	0	0	0	0
NANDER	30.8	..	33.6	01	13.8	..	9.4	23	1.0	13.6	..	13.6	08	1	..	7.5	4.4	..	0	1	0	0	0	0	0	0	0	0
BIR	29.6	..	32.6	01	13.7	..	9.0	26	59.4	68.5	..	31.6	08	3	..	6.2	2.9	..	0	3	0	0	1	0	0	0	0	0
VIDARBHA																												
GONDIA	30.0	+0.7	32.5	01	17.7	+2.5	14.4	23	0.0	0.0	- 18.0	0.0	..	0	- 0.9	1.3	1.0	-1.2	0	0	0	0	0	0	0	0	0	0
NAGPUR (SONEGAON)	30.3	+0.4	32.6	04	14.1	0.0	11.3	27	0.2	0.3	- 19.5	0.2	09	0	- 1.1	11.3	8.4	+0.9	2	0	0	0	0	0	0	0	0	0
AMRAOTI	31.1	+1.0	34.1	05	17.8	+0.4	15.0	23	0.0	0.0	- 21.3	0.0	..	0	- 1.2	11.1	9.0	+1.4	0	0	0	0	0	1	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - NOVEMBER, 1988 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No. of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	0.3 mm. or more	Haze or dust	Mist	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
VIDARBHA (CONTD)																												
AKOLA AERODROME	31.7	..	34.0	05	13.2	..	9.5	22	2.6	6.6	..	6.0	08	1	..	12.5	9.4	..	0	2	0	0	0	0	0	0	0	0
AKOLA	31.4	+0.4	33.7	01	14.4	-0.6	10.0	23	0.0	3.5	- 19.9	3.5	08	1	- 0.2	5.7	3.3	-1.2	0	1	0	0	0	0	0	0	0	0
BRAMHAPURI	30.5	+0.3	32.2	05	13.0	-3.7	9.0	23	0.0	0.0	- 11.8	0.0	..	0	- 0.4	6.7	2.4	-0.8	0	0	0	0	0	0	0	0	0	0
BULDANA	28.7	+0.4	31.2	05	17.1	+0.1	14.2	23	0.0	1.4	- 20.6	1.4	08	0	- 1.3	8.0	5.9	+0.1	0	1	0	0	0	0	0	0	0	0
YEOTMAL	29.3	+0.2	32.4	01	15.9	-0.4	12.9	25	10.2	15.0	+ 13.1	15.0	08	1	+ 0.7	9.8	6.4	-0.6	0	1	0	0	0	0	0	0	0	0
CHANDRAPUR	30.5	+1.0	33.3	01	11.1	-4.0	6.2	23	0.3	0.3	- 15.4	0.3	08	0	- 1.1	5.7	1.6	-1.3	0	1	0	0	0	0	0	0	0	0
PUSAD	30.4	..	32.8	01	..	..	..	..	17.6	24.8	..	24.8	08	1	..	8.3	4.3	..	0	1	0	0	1	0	0	0	0	0
SIRONCHA	30.8	+0.6	32.6	03	18.1	+1.2	14.3	22	1.8	1.8	- 3.1	1.8	08	0	- 0.7	5.2	2.7	-0.5	0	1	0	0	0	0	0	0	0	0
WARDHA	30.9	..	33.2	12	12.5	..	9.0	03	0.0	2.4	..	2.4	08	0	..	8.1	6.3	..	0	1	0	0	0	0	0	0	0	0
BHANDARA	29.5	..	32.0	05	15.4	..	11.1	23	0.0	0.0	..	0.0	..	0	..	8.0	5.6	..	0	0	..	..	..	..	..	.	..	.
COASTAL ANDHRA PRADESH																												
KALINGAPATAM	28.1	-0.4	31.5	01	20.0	-0.4	16.9	26	59.6	200.8	+116.7	171.2	13	5	+ 2.2	13.0	9.5	-1.7	0	6	0	0	0	0	0	0	0	0
VISHAKHAPATNAM	29.9	+0.6	31.7	09	22.6	+1.4	19.7	25	11.6	45.6	- 67.2	26.6	18	4	+ 0.1	18.1	11.5	+3.4	0	6	0	0	3	0	0	0	0	0
KAKINADA	29.9	+1.2	33.1	01	22.5	+0.9	19.5	26	24.0	54.2	- 86.8	24.0	05	3	- 1.6	18.8	14.1	+2.1	0	4	0	0	0	0	0	0	0	0
NIDADAVOLE	30.4	+0.1	34.0	01	21.3	+0.7	18.3	25	12.2	14.8	- 24.1	12.7	06	2	+ 0.1	11.7	7.4	+0.3	0	2	0	0	0	0	0	0	0	0
RENTACHINTALA	30.5	-0.3	34.0	01	23.2	+3.6	20.4	26	24.0	30.0	- 16.7	19.0	08	3	- 0.1	3.5	3.1	-0.9	0	3	0	0	0	0	0	0	0	0
GANNAVARAM	30.1	-0.6	33.3	01	21.8	+0.7	18.6	26	13.5	162.0	+128.3	122.1	06	4	+ 1.6	14.4	10.8	+0.6	1	5	0	0	2	0	0	0	0	0
MASULIPATAM	29.3	+0.3	31.7	04	21.1	-1.0	19.0	27	112.2	492.4	+354.2	464.7	06	4	- 0.6	6.8	4.8	-4.0	0	6	0	0	1	0	0	0	0	0
ONGOLE	30.1	+0.3	34.3	01	22.5	+0.7	20.1	26	52.4	159.0	+ 10.7	56.0	06	6	+ 0.9	7.5	5.6	+0.7	0	6	0	0	0	0	0	0	0	0
NELLORE	30.1	+0.5	33.8	15	22.9	+0.6	20.6	05	34.8	184.5	-133.0	96.7	05	7	- 2.0	..	..	..	0	11	0	0	0	0	0	0	0	0
VISHAKHAPATNAM (SOLAR)	28.5	..	30.6	06	22.1	..	19.8	25	..	53.5	..	19.0	13	4	..	.	9.0	..	0	5	0	0	1	0	0	0	0	0
TELANGANA																												
RAMGUNDAM	31.0	+0.3	33.6	01	17.4	-0.1	13.4	23	10.4	19.8	+ 9.1	11.4	08	2	+ 1.2	7.6	3.7	-0.6	0	3	0	0	0	0	0	0	0	0
NIZAMABAD	30.1	+0.4	32.4	01	16.4	+0.2	12.2	27	14.2	63.6	+ 48.1	53.6	08	2	+ 0.8	..	..	..	0	2	0	0	0	0	0	0	0	0
HANAMKONDA	29.7	-0.2	32.1	02	18.7	+0.3	14.9	25	7.2	21.4	- 6.0	21.4	08	1	- 0.8	7.4	5.2	-0.1	0	1	0	0	0	0	0	0	0	0
HAKIMPET AERODROME	28.3	..	30.4	01	17.5	..	14.6	24	1.7	6.4	..	4.3	06	1	..	..	..	..	0	3	0	0	0	4	0	0	0	0
BHADRACHALLAM	30.9	+0.4	33.4	01	19.5	+1.3	14.8	26	0.0	8.0	- 0.6	8.0	06	1	+ 0.4	5.8	3.2	-1.3	0	1	0	0	0	0	0	0	0	0
HYDERABAD (BEGAMPET)	29.1	+0.4	31.4	01	16.1	+0.1	12.0	25	0.2	3.7	- 26.0	3.3	06	1	- 0.9	11.3	7.4	-0.6	0	2	0	0	0	1	0	0	0	0
KHAMMAM	30.7	+0.1	33.6	02	20.3	+1.2	16.2	26	2.0	15.5	- 17.8	13.5	06	1	- 0.9	3.9	2.9	-1.1	0	2	0	0	0	0	0	0	0	0
MAHBUBNAGAR	29.5	+0.3	32.4	01	19.1	+1.0	16.4	25	0.0	0.4	- 12.4	0.4	06	0	- 0.7	13.3	10.3	+0.5	0	1	0	0	0	0	0	0	0	0
RAYALASEEMA																												
KURNOOL	31.0	0.0	34.0	01	19.9	+0.7	13.1	12	23.6	45.4	+ 15.2	14.0	07	5	+.3.0	5.8	4.2	-0.9	0	5	0	0	0	0	0	0	0	0
NANDYAL	31.0	..	34.1	01	20.6	..	16.0	12	25.1	36.8	..	15.0	06	6	..	7.1	4.6	..	0	6	0	0	0	0	0	0	0	0
ANANTAPUR	29.8	-0.2	32.8	02	20.9	+1.5	15.4	12	25.7	27.7	- 30.5	24.4	06	1	- 2.5	11.6	9.8	+1.3	0	3	0	0	0	0	0	0	0	0
CUDDAPAH	31.4	+1.0	35.2	04	21.6	+0.3	18.0	13	65.6	109.2	+ 13.9	52.6	06	6	+ 1.0	5.7	4.3	-1.1	0	7	0	0	0	0	0	0	0	0
AROGYAVARAM	26.6	+0.1	29.4	01	16.8	-0.8	13.0	01	23.0	37.6	- 34.9	15.0	08	4	- 1.5	9.4	5.9	+0.8	0	5	0	0	0	0	0	0	0	0
MADRAS STATE (INCLUDING PONDICHERRY)																												
MADRAS	29.1	-0.1	32.7	13	23.1	+0.4	20.3	26	77.8	185.2	- 89.3	31.3	27	14	+ 6.0	10.5	7.3	+0.5	0	15	0	0	0	0	0	0	0	0
MADRAS (NUNGAMBAKKAM)	29.5	+0.3	33.0	14	22.4	-0.1	19.9	26	71.5	180.5	-149.8	67.5	28	10	- 0.8	11.8	7.6	-4.1	0	14	0	0	2	2	0	0	0	0
VELLORE	29.8	+0.5	33.0	13	21.1	+0.4	17.1	13	27.8	52.7	-130.9	13.6	07	6	- 2.2	7.1	7.0	+1.6	0	9	0	0	0	0	0	0	0	0
TAMBARAM AERODROME	31.2	..	36.0	01	22.1	..	19.1	26	164.8	324.0	..	96.4	08	10	..	..	..	..	0	13	0	0	2	0	0	0	0	0
TIRUPPATTUR	29.9	+1.0	32.8	02	20.5	+1.1	18.1	30	15.5	15.5	- 89.0	15.5	08	1	- 4.2	4.0	2.6	-0.9	0	1	0	0	0	0	0	0	0	0
METTUR DAM R.G.	31.1	..	33.6	06	22.5	..	20.1	13	24.5	40.5	..	14.5	09	3	..	5.5	5.6	..	0	8	0	0	0	0	0	0	0	0
CUDDALORE	29.4	+0.4	33.2	06	22.7	-0.1	20.7	12	56.4	192.6	-141.5	72.4	09	8	- 3.5	12.1	8.6	-0.4	0	9	0	0	1	1	0	0	0	0
KALLAKURICHCHI	29.0	-0.9	34.0	06	..	..	..	..	37.0	158.9	+ 6.5	65.0	19	9	+ 1.9	8.9	6.4	..	0	10	0	0	0	0	0	0	0	0
SALEM	31.3	+0.8	33.5	14	21.6	+0.4	17.4	13	14.8	54.1	- 41.2	23.7	01	4	- 2.2	7.0	6.5	0.0	0	5	0	0	2	0	0	0	0	0
COIMBATORE (PILAMEDU)	29.7	+0.7	32.0	05	21.2	+0.5	18.8	13	72.1	149.6	+ 35.7	75.5	08	7	+ 0.2	15.8	12.1	+2.6	0	8	0	0	5	4	0	0	0	0
COIMBATORE	30.1	+0.8	33.0	14	21.6	+0.5	19.6	13	..	128.5	+ 15.5	47.2	08	7	+ 0.1	.	4.9	-0.5	1	9	0	0	0	0	0	0	0	0
NAGAPATTINAM	29.0	+0.1	32.5	06	24.3	+0.4	22.8	11	74.6	156.6	-293.7	30.6	22	10	- 2.8	16.9	16.0	+2.7	3	12	0	0	2	0	0	0	0	0
TIRUCHCHIRAPPALLI	30.6	+0.7	35.5	28	22.5	-0.2	21.3	27	67.7	145.8	- 10.2	35.0	09	9	+ 0.5	7.5	5.4	-3.1	1	11	0	0	1	0	0	0	0	0
VEDARANNIYAM	30.6	..	33.6	15	22.0	..	20.0	11	14.5	94.2	..	24.2	06	12	..	10.1	7.6	..	0	13	0	0	0	0	0	0	0	0
ATIRAMPATTINAM	29.6	..	31.8	03	23.2	..	21.6	26	114.2	218.4	..	65.2	09	10	..	10.5	7.7	..	0	10	0	0	1	0	0	0	0	0
MADURAI	30.3	-0.3	32.7	12	20.1	-2.9	20.1	27	..	144.8	- 5.6	50.0	01	12	+ 4.0	.	6.4	+1.2	0	12	0	0	0	0	0	0	0	0
MADURAI AERODROME	29.8	0.0	32.1	14	22.1	-0.4	20.8	27	57.2	145.5	- 19.3	43.6	01	8	+ 0.7	11.2	8.0	-2.0	0	9	0	0	0	0	0	0	0	0
TONDI	29.9	+0.2	32.6	13	23.0	-0.3	21.7	26	38.2	227.4	+ 7.9	110.0	09	8	- 3.4	14.0	10.8	-0.8	0	9	0	0	0	0	0	0	0	0
PAMBAN	29.3	0.0	31.6	13	23.5	-1.2	21.8	25	38.3	281.1	- 19.9	44.3	10	18	+ 5.2	..	..	..	1	18	0	0	0	0	0	0	0	0
TUTICORIN	29.9	+0.8	31.9	07	22.3	-1.5	20.7	01	40.1	191.2	- 2.7	49.3	08	11	+ 1.7	17.7	14.2	+0.4	4	13	0	0	4	0	0	0	0	0
PALAYANKOTTAI	30.4	-0.3	35.8	13	23.6	0.0	21.6	03	19.3	87.3	- 95.8	22.4	02	9	- 0.5	9.2	6.6	-0.3	0	14	0	0	0	0	0	0	0	0
KANNIYAKUMARI	30.4	..	32.1	30	23.8	..	21.7	02	12.4	40.4	..	15.6	06	5	..	19.1	16.3	..	1	9	0	0	1	0	0	0	0	0
PONDICHERRY	29.2	..	32.3	05	22.9	..	21.1	12	32.6	248.8	..	79.3	06	8	..	21.9	18.9	..	0	11	0	0	2	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No. of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
MADRAS STATE (INCLUDING PONDICHERRY)																												
PORTNOVO	28.8	..	32.3	06	20.9	..	19.4	26	..	192.0	..	87.0	06	6	..	.	6.7	..	0	6	0	0	1	0	0	0	0	0
TUTICORIN H.P.	28.8	..	30.5	15	23.9	..	22.3	04	9.7	200.4	..	52.3	19	10	..	17.9	16.6	..	1	12	0	0	7	0	0	0	0	0
COASTAL MYSORE																												
KARWAR	33.1	+1.5	34.4	20	21.6	+0.7	17.9	12	3.2	17.0	- 36.7	13.0	07	2	- 0.8	5.3	3.5	..	0	3	0	0	0	0	0	0	0	0
HONAVAR	33.5	+1.0	35.6	15	22.8	+0.9	18.6	14	0.0	10.5	- 45.6	10.3	02	1	- 2.1	..	..	..	1	1	0	0	1	0	0	0	0	0
MANGALORE (BAJPE)	32.7	+0.9	33.8	23	22.6	+0.3	18.8	14	15.5	65.6	- 2.2	17.7	10	7	+ 2.7	8.4	5.2	-1.0	0	7	0	0	6	1	0	0	0	0
MANGALORE	32.1	+1.0	33.6	20	23.1	-0.1	..	..	0.0	67.6	- 12.2	32.2	10	4	- 0.8	9.7	7.6	+0.4	0	5	0	0	0	0	0	0	0	0
MANGALORE H.P.	32.5	..	33.8	24	23.3	..	19.6	14	5.3	28.1	..	17.5	10	3	..	9.5	5.7	..	1	5	0	0	7	1	0	0	1	0
INTERIOR MYSORE NORTH																												
BIDAR	27.7	-0.2	30.3	01	20.3	+2.3	16.4	25	0.0	1.0	- 25.7	1.0	09	0	- 1.6	14.2	10.0	+0.7	0	1	0	0	0	0	0	0	0	0
GULBARGA	30.1	-0.3	32.8	01	17.6	+0.1	13.4	26	41.0	43.4	+ 10.9	18.0	09	3	+ 1.2	14.1	9.6	-1.7	0	3	0	0	0	1	0	0	0	0
BIJAPUR	29.6	-0.1	32.7	01	17.6	+0.2	13.1	14	2.2	34.7	+ 4.0	20.0	08	2	+ 0.1	6.6	3.1	-0.9	1	4	0	0	0	0	0	0	0	0
RAICHUR	28.5	-1.6	31.2	02	20.1	+0.1	15.3	13	9.2	21.2	- 9.5	16.8	07	2	+ 0.1	11.8	10.2	+0.6	0	2	0	0	0	0	0	0	0	0
BELGAUM	29.7	+0.4	32.0	16	16.9	-0.2	12.0	13	2.2	24.6	- 16.0	13.4	17	3	+ 0.2	11.9	6.1	-0.7	0	5	0	0	0	0	0	0	0	0
BELGAUM (SAMRA)	28.1	-0.1	32.0	01	17.2	+0.3	13.0	14	2.6	48.2	+ 9.5	10.4	07	6	+ 4.0	11.2	5.8	-5.0	0	6	0	0	0	0	0	0	0	0
GADAG	29.3	-0.5	32.6	01	18.4	0.0	14.2	12	6.2	69.7	+ 25.5	44.0	07	4	+ 1.1	9.5	6.5	-0.5	0	4	0	0	0	0	0	0	0	0
BIDAR A.P.	28.3	..	30.9	01	16.9	..	11.3	24	0.0	13.0	..	13.0	09	1	..	..	..	..	0	1	0	0	0	0	0	0	0	0
INTERIOR MYSORE, SOUTH																												
BELLARY	30.0	+0.1	33.4	01	20.3	+0.7	17.0	27	35.0	38.5	- 11.5	34.5	06	2	- 1.1	7.3	4.3	-0.1	0	2	0	0	0	0	0	0	0	0
CHITRADURGA	28.0	-0.4	32.0	01	19.1	+0.7	15.5	12	0.6	18.6	- 40.6	12.2	07	2	- 1.5	9.5	6.1	-0.1	0	3	0	0	3	0	0	0	0	0
SHIMOGA	28.0	-1.1	..	..	16.1	-1.2	..	..	0.0	1.2	- 48.4	1.2	08	0	- 3.3	7.6	4.0	-0.2	0	1	0	0	0	0	0	0	0	0
AGUMBE	28.2	..	30.2	30	17.4	..	11.6	13	..	1.0	..	1.0	02	0	..	.	4.6	..	0	1	0	0	0	0	0	0	0	0
BALEHONNUR	28.5	+2.3	30.6	16	16.8	+0.4	12.6	14	..	12.0	- 55.6	7.0	02	2	- 2.5	..	..	..	0	3	0	0	0	2	0	0	0	0
HASSAN	26.3	-0.7	28.9	30	16.5	-0.4	14.8	14	0.0	25.7	- 51.0	18.2	08	2	- 7.8	4.0	2.0	-3.5	0	2	0	0	0	0	0	0	0	0
BANGALORE	27.2	+0.9	30.2	01	17.4	+0.2	13.0	13	5.3	17.8	- 43.4	12.4	09	1	- 3.4	13.3	10.6	+2.1	2	3	0	0	0	1	0	0	0	0
BANGALORE AERODROME	26.9	-0.6	29.4	01	16.8	-0.6	13.0	13	5.8	25.8	- 29.3	12.9	09	2	- 1.8	..	..	..	0	7	0	0	0	2	0	0	0	0
MYSORE	26.7	-0.7	28.5	02	18.7	+0.4	14.1	13	30.6	51.6	- 20.0	41.6	07	2	- 2.6	15.1	10.1	+0.8	0	2	0	0	2	0	0	0	0	0
YALANKA A.P.	27.0	..	29.8	01	17.0	..	14.5	12	1.4	14.2	..	13.2	09	1	..	..	..	..	0	2	0	0	0	0	0	0	0	0
KERALA																												
CALICUT	31.6	+0.5	32.4	05	23.7	+0.3	21.6	13	2.0	160.2	+ 3.5	103.6	06	5	- 1.8	7.4	5.4	-2.7	0	6	0	0	4	0	0	0	0	0
PALGHAT	32.3	+0.5	34.4	16	23.3	+0.3	21.8	14	31.0	99.6	- 8.9	47.0	01	3	- 3.3	10.6	8.3	+0.7	0	5	0	0	0	0	0	0	0	0
FORT COCHIN	31.0	+1.2	32.1	17	23.1	-1.0	21.8	20	1.2	95.0	- 91.9	43.8	01	7	- 1.8	8.4	6.5	-0.2	0	9	0	0	9	0	0	0	0	0
COCHIN (NAVAL AIR STATION)	31.3	..	32.8	25	23.7	..	22.0	14	4.8	120.7	..	36.8	01	7	..	9.3	7.3	..	0	9	0	0	13	0	0	0	1	0
ALLEPPEY	31.5	+1.2	33.1	29	24.2	+0.5	24.7	05	5.8	92.8	-135.9	27.8	06	6	- 5.0	11.7	8.3	-0.8	0	7	0	0	7	0	0	0	0	0
PUNALUR	32.6	+1.1	34.6	29	21.2	-0.8	19.6	29	67.0	284.2	- 7.1	98.6	02	9	- 1.0	3.3	2.2	-1.1	0	10	0	0	0	0	0	0	0	0
TRIVANDRUM	30.1	0.0	33.2	26	22.8	-0.3	21.2	02	88.3	236.7	+ 31.2	60.6	04	11	+ 0.7	6.3	4.6	-0.9	1	16	0	0	7	0	0	0	0	0
TRIVANDRUM AERODROME	30.3	+0.2	31.7	20	23.1	-0.1	22.0	02	..	227.0	+ 86.4	57.6	01	7	- 1.6	.	4.9	-0.4	2	9	0	0	5	0	0	0	0	0
ARABIAN SEA ISLANDS																												
AMINI	31.4	+0.2	32.4	07	24.6	-0.1	22.1	14	3.8	7.5	- 78.1	2.9	30	1	- 4.0	7.5	5.2	-0.4	0	4	0	0	3	0	0	0	0	0
AGATTI	30.9	..	32.0	20	..	..	..	..	20.4	29.0	..	8.4	23	3	..	3.7	2.5	..	0	6	0	0	8	0	0	0	0	0
ANDROTH	30.6	..	32.1	30	23.9	..	20.2	14	21.2	49.8	..	19.2	09	6	..	1.9	1.0	..	0	6	0	0	0	0	0	0	0	0
MINICOY	30.6	+1.4	32.1	17	22.8	-0.8	20.3	10	16.7	61.0	- 82.3	22.1	20	5	- 3.1	6.4	3.9	-3.1	1	9	0	0	6	0	0	0	0	0
HILL STATIONS (EXCLUDING KASHMIR)																												
DALHOUSIE	19.3	+0.8	22.0	01	8.3	+0.5	4.0	02	2.3	4.2	- 14.3	4.2	02	2	+ 1.2	..	..	..	0	1	0	0	0	0	0	0	0	0
DHARMASALA	22.1	+1.4	24.8	11	9.6	-1.8	8.8	30	2.2	3.2	- 11.8	2.2	02	0	- 0.8	4.9	4.3	+0.6	0	2	0	0	0	0	0	0	0	0
BHUNTAR	22.0	..	24.1	11	3.8	..	0.4	30	20.7	45.3	..	24.6	01	2	..	5.2	4.2	..	0	2	0	0	0	0	0	0	0	0
SIMLA	15.1	+0.1	17.5	05	6.1	-1.2	3.1	28	0.0	2.5	- 7.7	2.5	01	1	+ 0.1	4.2	3.0	-0.1	0	1	0	1	1	0	0	0	0	0
DHARMPUR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
GHANGARIA (KANJALIA TOK)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
BADRINATH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
JOSHIMATH	17.4	+0.9	19.6	06	5.6	-0.4	3.4	28	0.0	5.0	- 22.4	5.0	01	1	- 1.0	4.2	5.8	-0.3	0	1	0	0	0	0	0	0	0	0
MUSSOORIE	16.9	+0.5	20.1	12	5.7	-1.7	2.7	28	0.0	0.0	- 9.3	0.0	..	0	- 0.7	6.7	4.3	-2.0	0	0	0	0	0	0	0	0	0	0
MUKTESWAR (KUMAUN)	15.7	-0.1	19.0	08	5.6	-1.0	2.9	26	0.0	0.0	- 8.9	0.0	..	0	- 0.6	9.6	10.9	+0.6	0	0	0	0	1	0	0	0	0	0
NAINITAL	14.9	-0.8	17.0	10	5.8	+0.2	3.5	26	0.0	2.0	- 5.4	2.0	01	0	- 0.5	8.4	6.1	-1.0	0	1	0	0	0	0	0	0	0	0
KALIMPONG	20.4	+0.4	23.6	05	12.9	+1.3	12.4	04	0.0	0.0	- 15.5	0.0	..	0	- 1.1	5.8	4.3	-4.4	0	0	0	0	0	0	0	0	0	0
DARJEELING	17.8	+2.5	21.0	16	4.3	-3.1	2.8	24	0.0	0.0	- 19.6	0.0	..	0	- 1.2	1.8	1.4	+0.1	0	0	0	0	0	0	0	0	0	0
KOHIMA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
SHILLONG (C.S.O.)	19.5	-0.2	22.4	29	10.5	+4.7	8.4	07	9.7	4.8	- 33.5	3.8	14	1	- 1.7	3.2	2.4	+0.4	1	3	0	0	0	0	0	0	0	0
CHERRAPUNJI	20.2	+0.5	24.0	30	13.8	+1.9	10.9	11	0.6	1.2	- 63.1	0.6	17	0	- 1.8	6.2	4.8	-0.5	0	3	0	0	0	13	0	0	0	0
ARU	25.6	+1.5	28.3	13	12.5	-1.0	10.2	30	0.0	0.0	- 4.3	0.0	..	0	- 0.4	2.8	2.9	-0.7	0	0	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No. of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena - No. of days with											
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 to 0.2 mm.	Precipitation 0.3 mm. or more	Haze or dust	Mist	Thunder heard	Fog	Duststorm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
HILL STATIONS (EXCLUDING KASHMIR)																												
ATJAL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
PACHMARHI	23.3	-0.8	26.3	05	9.8	+0.2	5.6	28	0.0	0.0	- 28.2	0.0	..	0	- 1.5	4.2	2.6	-0.2	0	0	0	0	0	0	0	0	0	0
MAHABALESHWAR	24.7	+0.2	27.4	02	14.0	-0.9	12.2	14	1.2	21.0	- 25.5	10.8	09	4	+ 1.4	14.8	14.2	+3.9	0	4	0	0	0	5	0	0	0	0
MERCARA	24.5	+0.9	26.4	15	15.3	-0.8	13.6	14	2.8	6.4	- 74.9	3.6	08	1	- 4.5	..	..	..	0	4	0	0	0	2	0	0	0	0
OOTACAMUND	19.8	+0.9	22.9	29	8.4	+0.1	4.2	28	10.2	25.8	-131.9	6.8	07	4	- 6.2	2.7	1.7	-1.3	1	10	0	0	0	0	0	0	0	0
COONOOR	19.9	+0.6	23.5	05	9.4	-2.3	5.6	14	..	215.2	- 83.9	47.6	20	11	- 0.7	..	..	..	2	13	0	0	0	0	0	0	0	0
KODAIKANAL	16.0	-0.1	18.4	27	9.5	-0.3	7.6	29	62.6	118.6	-134.9	34.0	20	9	- 3.6	11.1	11.6	-0.5	3	14	0	0	3	6	0	0	0	0
MANALI	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
NEPAL																												
KATMANDU	23.7	+1.0	25.2	16	7.4	0.0	4.6	29	0.0	0.0	- 6.1	0.0	..	0	- 0.5	2.1	1.1	-0.1	0	0	0	0	0	22	0	0	0	0
SIKKIM																												
LACHEN	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
HYDROMETEOROLOGICAL OBSERVATORIES																												
DAMODAR CATCHMENT																												
TILAIYA	27.0	..	29.9	07	12.7	..	8.8	29	0.0	0.0	..	0.0	..	0	..	4.1	1.9	..	0	0	0	0	0	0	0	0	0	0
HAZARIBAGH	25.6	..	28.1	05	11.2	..	7.4	28	0.0	0.0	..	0.0	..	0	..	2.6	1.4	..	0	0	0	0	0	0	0	0	0	0
KONAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
BOKARO	29.6	..	32.6	04	14.7	..	11.0	30	0.0	0.0	..	0.0	15	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
MAITHON	30.3	..	33.1	04	13.1	..	9.3	24	0.0	1.6	..	1.6	14	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
RANGARH	29.1	..	31.6	12	10.7	..	6.6	23	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
PANCHET HILLS	29.0	..	32.0	04	16.2	..	12.6	29	0.0	0.0	..	0.0	..	0	..	3.7	2.1	..	0	0	0	0	0	0	0	0	0	0
DURGAPUR	29.1	..	33.7	12	15.3	..	12.2	29	0.0	0.0	..	0.0	..	0	..	8.6	8.9	..	0	0	0	0	0	0	0	0	0	0
MAHANADI CATCHMENT																												
GINABAHAR	28.8	..	31.1	01	11.7	..	9.1	23	..	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
HIRAKUD	30.0	..	32.4	04	18.2	..	14.0	30	0.0	0.0	..	0.0	..	0	..	4.4	3.3	..	0	0	0	0	0	0	0	0	0	0
BHIMKUND	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SONEPUR	29.1	..	31.4	04	19.0	..	14.1	25	..	0.0	..	0.0	..	0	..	.	0.0	..	0	0	0	0	0	0	0	0	0	0
KHIJRAWAN	28.6	..	30.6	01	15.3	..	10.6	25	0.0	0.0	..	0.0	..	0	..	6.1	3.7	..	0	0	0	0	0	0	0	0	0	0
NARMADA CATCHMENT																												
BAGRA TAWA	28.7	..	32.4	05	10.3	..	8.1	28	0.0	0.0	..	0.0	..	0	..	5.5	3.1	..	0	0	0	0	0	0	0	0	0	0
PUNASA	31.2	..	41.4	05	..	..	..	..	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	..	..	..	..	..	.	..	.
THIKRI	33.5	..	35.9	06	12.1	..	9.7	24	..	0.0	..	0.0	..	0	..	..	..	..	0	0	..	..	..	..	..	.	..	.
SABARMATI CATCHMENT																												
DARDI	33.2	..	36.2	06	17.6	..	17.2	08	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — NOVEMBER, 1988 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena - No. of days with										
	Mean minimum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
GANDAK CATCHMENT																												
JANOSIM	15.6	..	17.3	24	1.4	..	- 0.4	27	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	..	..	..	..	..	.	..	.
KHUDI BAZAR	23.3	..	24.3	01	11.2	..	7.9	26	1.0	1.0	..	1.0	02	0	..	..	..	..	0	1	..	..	..	..	..	.	..	.
PIMURE	20.1	..	22.5	29	6.9	..	4.8	19	0.0	2.2	..	2.2	11	0	..	..	..	..	0	1	..	..	..	..	..	.	..	.
POKHARA	23.3	..	24.8	04	11.4	..	8.1	28	0.0	0.2	..	0.2	01	0	..	5.2	4.3	..	1	0	0	0	1	0	0	0	0	0
GORKHA	22.1	..	23.5	01	10.9	..	8.9	28	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
MUSAKOT	24.3	..	25.8	10	13.4	..	11.0	27	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	..	..	..	..	..	.	..	.
GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)																												
DAILEKH	19.7	..	22.7	01	9.3	..	7.2	28	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	..	..	..	..	..	.	..	.
GHAGHARA CATCHMENT																												
SALLYANA	20.7	..	22.0	01	10.3	..	8.2	27	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	..	..	..	..	..	.	..	.
RUTWAL	27.7	..	29.4	02	17.3	..	14.9	28	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	..	..	..	..	..	.	..	.
BAGHMATI CATCHMENT																												
KATMANDU	SEE UNDER NEPAL				..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
KOSI CATCHMENT																												
CHAUTARA	..	..	..	..	11.1	..	7.6	04	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	..	..	..	..	..	.	..	.
WALUNGCHUNG GOLA	10.4	..	12.7	24	0.7	..	- 1.4	09	0.0	0.0	..	0.0	..	..	..	..	..	..	0	0	..	..	..	..	..	.	..	.
TAPLETHOK	24.0	..	25.7	30	10.8	..	8.4	25	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	..	..	..	..	..	.	..	.
BHOJPUR	18.3	..	21.3	30	11.1	..	9.6	25	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	..	..	..	..	..	.	..	.
TAPLEJUNG	18.5	..	21.5	29	8.5	..	6.5	26	0.0	0.0	..	0.0	..	0	..	5.7	4.0	..	0	0	0	0	0	0	0	0	0	0
OKHALDHUNGA	19.6	..	22.4	30	9.1	..	7.3	26	0.0	0.0	..	0.0	..	0	..	0.8	0.6	..	0	0	0	0	0	0	0	0	0	0
CHAINPUR	21.2	..	25.3	02	12.9	..	11.7	26	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	..	..	..	..	..	.	..	.
BARAHAKSHETRA	26.2	..	28.9	01	15.1	..	13.1	19	0.0	0.0	..	0.0	..	0	..	4.9	4.3	..	0	0	0	0	0	0	0	0	0	0
TISTA CATCHMENT																												
GANGTOK	20.0	..	22.2	30	8.3	..	6.3	25	2.4	4.3	..	2.7	06	1	..	4.4	3.6	..	3	3	0	0	0	3	0	0	0	0
GEZING	21.6	..	23.5	30	9.5	..	7.9	25	0.0	0.2	..	0.2	03	0	..	..	..	..	1	0	..	..	..	..	..	.	..	.

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or Ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry Bulb	Mean temperature in °C: Wet Bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	Wind Speed (Km. p. h.): 62 or more	Wind Speed (Km. p. h.): 20 to 61	Wind Speed (Km. p. h.): 1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BAY ISLANDS																											
MAYA BANDAR	0830	28	1014.0	1010.9	+1.5	28.8	25.5	24.1	30.0	76	- 1	4.6	+0.1	9.6	0	1	28	00	22	6	1	0	0	0	0	1	0
	1730	28	1011.9	1008.0	+1.0	27.6	24.9	23.7	29.3	79	- 3	5.3	+0.6	10.9	0	5	21	00	18	7	1	0	0	0	0	4	0
LONG ISLAND	0830	25	1013.6	1010.7	+1.2	28.9	25.3	23.7	29.3	74	- 7	4.5	-0.3	1.9	0	0	24	00	6	1	17	0	0	0	0	6	0
	1730	25	1011.4	1008.6	+1.5	26.9	24.3	23.1	28.3	80	- 6	4.2	-0.6	1.1	0	0	14	00	6	0	8	0	0	0	0	16	0
PORT BLAIR	0530	79	1012.1	1003.1	..	25.1	23.5	22.7	27.6	87	..	4.4	..	7.4	0	1	22	00	10	7	0	2	0	2	0	7	0
	0830	79	1013.8	1004.9	+1.7	29.9	25.7	24.2	30.2	75	- 1	4.4	-0.9	12.5	0	2	28	00	15	13	1	1	0	0	0	0	0
	1130	79	1012.0	1003.2	..	29.8	25.8	24.1	30.0	72	..	4.5	..	15.3	0	8	22	00	13	14	3	0	0	0	0	0	0
	1430	79	1009.9	1001.1	..	29.1	25.4	23.7	29.3	74	..	4.4	..	11.7	0	3	27	00	12	16	2	0	0	0	0	0	0
	1730	79	1011.2	1002.3	+1.8	26.6	24.3	23.3	28.6	82	- 3	4.7	-1.0	8.7	0	1	25	00	14	11	0	1	0	0	0	4	0
	2030	79	1013.1	1004.2	..	26.3	24.2	23.3	28.6	83	..	3.2	..	9.3	0	3	23	01	11	14	0	0	0	0	0	4	0
	2330	79	1012.5	1003.6	..	26.0	24.2	23.4	28.8	86	..	4.1	..	9.5	0	3	21	02	11	7	3	1	0	0	0	6	0
CAR NICOBAR	0830	10	1012.9	1011.7	+1.3	28.7	25.1	23.5	28.9	73	- 6	4.6	-0.6	2.8	0	0	19	00	5	1	13	0	0	0	0	11	0
	1730	10	1010.2	1009.0	+0.9	26.9	24.6	23.1	29.3	84	- 3	6.5	+1.1	1.5	0	0	9	00	3	1	5	0	0	0	0	21	0
NAN COWRY	0830	26	1013.4	1010.5	+1.5	28.2	25.8	24.8	31.3	82	- 1	4.7	-0.9	1.8	0	0	14	00	0	5	7	0	2	0	0	16	0
	1730	26	1010.7	1007.8	+1.3	27.1	25.0	24.2	30.2	84	- 3	4.1	-1.0	0.5	0	0	4	00	0	2	0	0	1	1	0	26	0
KONDUL	0830	8	1013.6	1012.6	+1.7	27.7	25.3	24.2	30.2	82	- 2	4.8	-0.5	4.0	0	0	13	00	13	0	0	0	0	0	0	17	0
	1730	8	1011.3	1010.4	+1.9	27.0	24.9	23.9	29.7	83	- 6	4.3	-1.4	2.9	0	0	9	00	8	1	0	0	0	0	0	21	0
NORTH ASSAM (INCLUDING NEFA)																											
PASIGHAT	0830	157	1018.1	999.9	+1.0	20.2	16.1	13.0	15.0	63	- 3	2.5	-0.8	21.3	0	17	13	04	0	0	0	0	0	0	26	0	0
	1730	157	1014.2	996.1	+0.7	19.6	17.5	16.1	18.3	80	- 3	2.6	-0.4	3.7	0	0	21	06	0	0	0	1	0	1	13	9	0
DIBRUGARH (MOHANBARI)	0230	111	1015.8	1002.7	..	15.2	14.5	13.9	15.9	92	..	2.9	..	0.6	0	0	3	00	3	0	0	0	0	0	0	27	0
	0530	111	1016.6	1003.4	..	13.8	13.2	12.7	14.7	94	..	3.1	..	0.3	0	0	1	00	1	0	0	0	0	0	0	29	0
	0830	111	1018.2	1005.3	+1.6	20.7	17.8	15.9	18.1	74	- 3	3.2	+0.1	5.9	0	0	27	01	19	7	0	0	0	0	0	3	0
	1130	111	1015.6	1002.9	..	25.7	19.1	14.7	16.7	51	..	3.3	..	6.3	0	0	29	00	19	4	5	0	0	0	1	1	0
	1430	111	1012.9	1000.4	..	27.0	19.6	14.8	16.8	47	..	3.2	..	3.9	0	0	24	02	11	4	1	2	1	1	2	6	0
	1730	111	1014.0	1001.2	+1.3	21.0	18.6	17.1	19.5	78	- 6	2.8	+0.1	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	2030	111	1016.1	1003.1	..	17.2	16.0	15.1	17.1	88	..	2.9	..	0.5	0	0	2	01	1	0	0	0	0	0	0	28	0
	2330	111	1016.3	1003.2	..	16.0	15.2	14.6	16.6	91	..	3.1	..	0.3	0	0	1	00	1	0	0	0	0	0	0	29	0
DIGBOI	0830	152	1018.6	1000.8	+1.2	20.1	18.6	17.7	20.2	86	+ 2	1.5	-2.5	2.4	0	0	30	03	6	4	5	0	3	2	7	0	0
	1730	152	1014.3	996.6	+0.8	23.0	20.0	18.2	20.9	75	+.0	.	..	0.2	0	0	3	00	1	1	1	0	0	0	0	27	0
NORTH LAKHIMPUR	0830	102	1018.0	1006.2	+1.4	22.1	18.4	15.9	18.1	68	- 8	2.6	-0.1	3.7	0	0	23	03	9	4	3	2	1	0	1	7	0
	1130	102	1016.0	1004.3	..	26.3	19.9	15.7	17.8	52	..	2.7	..	5.6	0	0	29	01	13	5	5	3	1	0	1	1	0
	1430	102	1013.5	1002.0	..	27.3	20.1	15.5	17.6	49	..	3.0	..	3.5	0	0	24	01	2	2	4	10	3	1	1	6	0
	1730	102	1014.2	1002.4	+1.5	21.1	19.1	17.9	20.5	81	- 4	2.8	+0.0	0.7	0	0	7	02	2	1	0	0	1	0	1	23	0
	2030	102	1015.9	1004.0	..	17.8	16.9	16.3	18.5	91	..	1.9	..	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
SIBSAGAR	0830	97	(R)																								
	1730	97	(R)																								
GOHPUR	0830	83	1018.2	1008.5	..	20.6	18.5	17.2	19.6	81	+ 3	3.2	..	0.9	0	0	12	00	2	8	0	1	0	0	0	18	1
	1730	83	1014.1	1004.6	..	21.4	19.6	18.5	21.3	84	+ 9	2.5	..	0.1	0	0	2	00	1	1	0	0	0	0	0	28	0
MAJBAT	0830	120	1016.8	1002.8	+0.4	22.1	19.1	17.3	19.7	75	..	1.6	-0.8	0.1	0	0	2	00	1	0	1	0	0	0	0	28	0
	1730	120	1013.6	1000.0	+1.7	24.6	21.9	20.4	24.0	78	..	1.3	-1.0	2.7	0	0	0	00	0	0	0	0	0	0	0	30	0
JORHAT AERODROME	0530	90	1016.3	1005.8	..	15.7	15.5	15.4	17.5	99	..	3.7	..	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	0830	90	1018.1	1007.7	..	21.0	19.2	18.1	20.8	82	..	4.0	..	0.7	0	0	3	00	3	0	0	0	0	0	0	27	0
	1130	90	1015.4	1005.3	..	26.4	21.0	17.9	20.5	59	..	2.8	..	5.0	0	0	17	02	15	0	0	0	0	0	0	13	0
	1730	90	1013.7	1003.4	..	22.9	19.8	18.0	20.6	75	..	3.0	..	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	2330	90	1015.9	1005.4	..	18.9	18.0	17.3	19.7	91	..	2.1	..	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
TANGLA	0830	78	1015.4	1008.0	+0.9	22.3	18.7	16.0	18.2	69	- 6	1.0	-0.6	1.3	0	0	13	00	0	12	1	0	0	0	0	17	0
	1730	78	1010.1	1002.8	-0.5	24.6	20.9	18.8	21.7	71	- 9	0.5	-0.7	0.8	0	0	0	00	0	0	0	0	0	0	0	30	0
TEZPUR	0830	79	1018.3	1009.1	+1.8	19.9	17.6	16.0	18.2	78	- 1	2.3	-0.6	4.2	0	0	29	02	27	0	0	0	0	0	0	1	0
	1730	79	1013.3	1004.3	+1.4	23.4	20.8	19.3	22.4	78	- 1	0.9	-0.6	0.8	0	0	10	01	9	0	0	0	0	0	0	20	0
GOLAGHAT	0830	95	1016.9	1005.9	+0.5	21.0	18.7	17.3	19.7	79	- 2	2.4	-2.0	1.1	0	0	16	03	2	1	0	0	1	2	7	14	0
	1730	95	1012.1	1001.3	-0.3	27.2	20.9	17.2	19.6	54	-17	1.3	-2.3	0.5	0	0	7	00	4	0	0	0	1	0	2	23	0
RANGIA	0830	60	1019.0	1012.1	..	23.7	20.4	18.5	21.3	73	- 2	1.6	..	4.8[b]	0	0	25	00	3	21	1	0	0	0	0		0
	1730	60	1014.7	1007.9	..	24.9	21.9	20.3	23.8	75	- 1	1.3	..	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
CHAPARMUKH	0830	66	1019.2	1011.6	+2.1	22.2	19.9	18.5	21.3	81	+ 2	2.3	-0.1	0.3[b]	0	0	29	00	7	8	13	0	0	0	1	0	0
	1730	66	1015.0	1007.5	+2.4	23.6	20.6	18.9	21.8	75	- 3	1.7	+0.1	0.1[b]	0	0	1	00	1	0	0	0	0	0	0	22	0
GOALPARA	0830	38	1017.0	1012.6	+1.6	21.1	18.9	17.6	20.1	80	+ 1	1.1	-0.7	1.3[b]	0	0	23	00	19	3	1	0	0	0	0	6	0
	1730	38	1012.9	1008.5	+1.3	27.2	24.1	22.6	27.4	78	+ 9	0.6	+0.0	0.6[a]	0	0	7	00	5	1	1	0	0	0	0	19	0
GAUHATI (BHORJOR)	0230	54	1014.9	1008.5	..	17.5	17.3	17.2	19.6	97	..	2.3	..	0.4	0	0	2	00	0	0	0	2	0	0	0	28	0
	0530	54	1015.6	1009.3	..	16.7	16.5	16.4	18.6	98	..	3.7	..	0.1	0	0	1	01	0	0	0	0	0	0	0	29	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry Bulb	Mean temperature in °C: Wet Bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	Wind Speed (Km. p. h.): 62 or more	Wind Speed (Km. p. h.): 20 to 61	Wind Speed (Km. p. h.): 1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
NORTH ASSAM (INCLUDING NEFA) (CONTD)																											
GAUHATI (BHORJOR)	0830	54	1017.6	1011.3	+1.3	21.7	19.8	18.7	21.6	83	+ 0	3.2	+0.4	2.3	0	0	13	03	8	2	0	0	0	0	0	17	0
	1130	54	1015.2	1009.0	..	26.3	21.5	18.8	21.7	64	..	3.0	..	8.3	0	0	30	11	12	3	0	0	0	0	3	0	1
	1430	54	1012.6	1006.5	..	27.4	21.4	18.0	20.6	56	..	3.3	..	6.1	0	0	27	12	10	1	0	0	0	2	2	3	0
	1730	54	1013.5	1007.3	+1.2	23.3	20.9	19.6	22.8	79	- 6	3.4	+0.9	0.7	0	0	5	02	2	0	0	0	0	0	1	25	0
	2030	54	1015.5	1009.2	..	20.2	19.4	18.9	21.8	92	..	2.5	..	1.0	0	0	6	00	0	0	0	5	0	1	0	24	0
	2330	54	1015.6	1009.2	..	18.7	18.2	17.9	20.5	94	..	2.7	..	1.1	0	0	4	00	0	1	0	1	2	0	0	26	0
DHUBRI (RUPSI)	0530	45	1015.2	1009.9	..	15.8	15.3	14.9	16.9	94	..	2.9	..	4.9	0	0	22	00	19	2	1	0	0	0	0	8	0
	0830	45	1017.2	1011.9	+1.5	22.4	19.4	17.6	20.1	74	- 3	2.4	+1.2	6.3	0	0	29	00	17	10	1	1	0	0	0	1	0
	1130	45	1015.5	1010.3	..	26.0	20.9	17.9	20.5	62	..	2.7	..	6.6	0	0	29	01	17	9	1	0	1	0	0	1	0
	1730	45	1013.3	1008.1	+1.1	22.9	20.5	19.1	22.1	79	- 6	2.9	+2.0	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
DHUBRI	0830		..	..	..	22.0	19.5	18.0	20.6	78	- 3	1.0	-1.3	7.7	0	1	26	00	22	4	1	0	0	0	0	3	0
	1730		..	..	..	24.4	20.8	18.8	21.7	71	- 3	1.7	+0.2	1.0	0	0	10	04	3	2	0	0	0	0	1	29	0
LUMDING	0830	149	1018.4	1001.0	..	19.6	18.2	17.3	19.7	87	+ 2	2.1	..	0.3	0	0	4	00	0	3	0	1	0	0	0	26	0
	1730	149	1013.6	996.6	..	25.6	21.3	18.9	21.8	68	..	2.1	..	0.1	0	0	2	00	0	1	0	0	0	1	0	28	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																											
TURA	0830	370	1018.1	975.4	+1.1	19.5	17.3	16.0	18.2	79	+ 0	2.6	+0.9	3.5	0	0	27	00	2	23	1	0	1	0	0	3	0
	1730	370	1013.8	971.9	+0.8	23.8	20.3	18.3	21.0	72	- 4	3.9	+0.4	2.0	0	0	23	01	2	4	5	3	2	6	1	7	0
HAFLONG	0830	682	1016.3	939.8	+0.8	19.5	17.1	15.5	17.6	78	- 1	3.8	+0.9	2.0	0	0	30	00	0	0	0	6	24	0	0	0	0
	1730	682	1009.7	934.0	-1.4	21.3	18.0	16.0	18.2	72	- 5	2.2	-0.2	2.0	0	0	30	00	0	0	0	7	23	0	0	0	0
SILCHAR (KUMBHIRGRAM)	0530	97	1013.8	1002.5	..	17.8	16.7	16.0	18.2	89	..	3.0	..	6.1	0	0	21	00	2	19	0	0	0	0	0	9	0
	0830	97	1015.5	1004.3	+0.7	21.9	18.9	17.0	19.4	74	+ 1	2.9	+1.3	8.7	0	0	29	00	2	27	0	0	0	0	0	1	0
	1130	97	1013.3	1002.4	..	26.4	20.6	17.1	19.5	59	..	3.2	..	7.0	0	0	30	00	1	20	3	3	1	2	0	0	0
	1730	97	1011.6	1000.6	+0.3	23.8	20.9	19.2	22.2	76	+ 3	2.6	+1.5	2.0	0	0	12	00	7	5	0	0	0	0	0	18	0
SILCHAR	0830	29	1016.5	1013.1	+1.3	22.2	20.2	19.1	22.1	82	+ 1	2.9	+0.5	0.4	0	0	6	01	2	1	1	1	0	0	0	24	0
	1730	29	1012.7	1009.3	+1.4	25.7	22.2	20.3	23.8	72	- 2	2.3	+0.6	0.1	0	0	1	00	1	0	0	0	0	0	0	29	0
IMPHAL (TULIHAL)	0530	781	1019.1	929.5	..	12.2	11.8	11.5	13.6	96	..	4.6	..	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	0830	781	1019.6	931.3	+1.6	16.8	15.2	14.1	16.1	85	+ 7	5.1	+1.7	0.4	0	0	2	00	0	0	1	1	0	0	0	28	0
	1130	781	1015.6	929.2	..	22.3	17.6	14.6	16.6	63	..	3.1	..	1.5	0	0	6	00	0	0	3	1	2	0	0	24	0
	1430	781	1012.3	926.8	..	24.6	17.9	13.5	15.5	51	..	3.1	..	4.1	0	0	12	00	1	0	0	6	3	2	0	18	0
	1730	781	1014.4	927.3	+3.2	19.2	16.5	14.8	16.8	76	+ 2	3.0	+0.8	1.6	0	0	5	00	0	0	0	2	0	0	3	25	0
	2030	781	1017.6	929.2	..	15.6	14.7	14.1	16.1	91	..	2.7	..	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	2330	781	1018.3	929.3	..	14.1	13.5	13.1	15.1	94	..	3.0	..	0.1	0	0	1	00	1	0	0	0	0	0	0	29	0
KAILASHAHAR	0530	29	1015.7	1012.3	..	17.4	17.3	17.2	19.6	98	..	3.1	..	0.3	0	0	3	01	0	0	0	2	0	0	0	27	0
	0830	29	1017.4	1014.0	+1.2	22.7	21.0	20.0	23.4	85	+ 5	2.8	+0.9	2.3	0	0	16	01	5	1	4	3	2	0	0	14	0
	1130	29	1015.4	1012.0	..	27.4	22.0	19.0	22.0	61	..	3.9	..	5.9	0	0	28	01	7	6	4	6	1	2	1	2	0
	1730	29	1013.8	1010.5	+1.2	24.2	21.8	20.5	24.1	80	+ 0	2.9	+1.4	1.4	0	0	9	02	0	1	0	1	2	2	1	21	0
AGARTALA	0230	16	1013.3	1011.4	..	18.3	17.6	17.2	19.6	93	..	2.0	..	1.3	0	0	7	00	3	1	0	1	0	1	1	23	0
	0530	16	1013.9	1012.0	..	17.6	17.0	16.6	18.8	94	..	3.5	..	1.3	0	0	7	02	1	2	1	1	0	0	0	23	0
	0830	16	1015.8	1014.0	+1.2	24.2	21.2	19.5	22.7	76	- 1	3.4	+1.5	4.7	0	0	20	07	7	1	2	3	0	0	0	10	0
	1130	16	1014.1	1012.3	..	27.6	21.4	17.8	20.4	56	..	4.1	..	8.7	0	0	28	12	6	1	1	2	0	0	6	2	0
	1430	16	1011.9	1010.1	..	28.1	21.5	17.7	20.2	53	..	4.2	..	8.3	0	0	30	11	2	3	1	0	2	2	9	0	0
	1730	16	1012.6	1010.8	+1.4	24.3	20.9	19.0	22.0	74	- 1	3.0	+1.0	3.1	0	0	15	06	0	0	3	0	0	2	4	15	0
	2030	16	1014.2	1012.3	..	20.8	19.5	18.7	21.6	87	..	1.8	..	1.4	0	0	9	01	1	4	1	1	0	1	0	21	0
	2330	16	1014.1	1012.2	..	19.2	18.3	17.8	20.4	91	..	2.2	..	1.5	0	0	8	02	2	0	0	2	0	1	1	22	0
SUB-HIMALAYAN WEST BENGAL																											
BAGHDOGRA	0230	131	1015.5	1000.0	..	15.3	14.5	13.9	15.9	91	..	1.8	..	0.3	0	0	1	01	0	0	0	0	0	0	0	29	0
	0530	131	1015.9	1000.3	..	13.2	12.5	11.9	13.9	92	..	2.3	..	1.1	0	0	5	02	3	0	0	0	0	0	0	25	0
	0830	131	1017.5	1002.3	+1.8	22.2	18.8	16.7	19.0	71	+ 0	3.0	+1.3	3.5	0	0	13	03	6	3	1	0	0	0	0	17	0
	1130	131	1016.0	1001.1	..	27.6	21.0	17.1	19.5	53	..	3.4	..	11.1	0	0	28	00	8	9	7	1	3	0	0	2	0
	1430	131	1013.3	998.5	..	27.8	21.3	17.5	20.0	54	..	3.7	..	8.4	0	0	24	00	7	1	2	3	9	1	1	6	0
	1730	131	1013.8	998.7	+1.6	22.1	19.2	17.4	19.9	76	- 8	3.1	+0.8	1.7	0	0	7	01	1	0	0	0	5	0	0	23	0
	2030	131	1015.8	1000.5	..	19.2	17.6	16.5	18.8	84	..	2.6	..	2.5	0	0	8	02	4	0	0	0	2	0	0	22	0
	2330	131	1016.1	1000.6	..	16.8	15.7	14.9	16.9	88	..	2.1	..	2.8	0	0	10	04	1	1	0	0	2	0	2	20	0
JALPAIGURI	0830		(R)																								
	1730		(R)																								
COOCH BEHAR AERODROME	0830	43	1017.9	1012.9	+2.5	21.7	18.7	16.8	19.1	74	+ 1	2.4	+1.5	6.5	0	0	26	00	9	17	0	0	0	0	0	4	0
	1130	43	1016.2	1011.3	..	26.1	20.4	16.9	19.3	57	..	3.2	..	8.9	0	1	24	00	5	15	0	1	0	0	0	5	4
	1730	43	1004.0	1009.1	+2.2	22.8	20.1	18.5	21.3	77	+ 1	3.0	+1.6	0.3	0	0	1	00	0	1	0	0	0	0	0	29	0
BALURGHAT	0830	26	1015.9	1012.9	..	23.5	20.2	18.3	21.0	73	..	1.0	..	0.6	0	0	7	03	3	0	0	0	1	0	0	23	0
	1730	26	1013.2	1010.3	..	24.7	21.8	20.3	23.8	77	..	2.2	..	0.3	0	0	3	01	0	0	0	0	0	1	1	27	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or M.L. in gms. of normal standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SUB HIMALAYAN WEST BENGAL (CONTD.)																											
MALDA	0830	31	1017.4	1013.7	+2.0	22.5	18.6	16.1	18.3	68	- 2	1.8	+0.4	1.4	0	0	19	09	4	1	0	0	0	0	5	11	0
	1730	31	1013.5	1009.9	+1.8	25.2	20.0	16.8	19.1	60	- 5	2.2	+0.8	0.8	0	0	11	02	0	0	0	0	0	3	6	19	0
GANGETIC WEST BENGAL																											
BERHAMPURE	0830	19	1017.1	1014.9	+2.1	22.4	19.1	17.1	19.5	72	+ 0	1.8	+0.2	1.5	0	0	15	06	0	3	0	5	0	0	1	15	0
	1730	19	1013.4	1011.2	+2.0	24.1	20.1	17.7	20.2	69	+ 6	1.3	-0.3	0.5	0	0	6	02	0	1	0	2	0	1	0	24	0
SURI	0830		..	..	..	25.2	18.9	14.7	16.7	52	-12	1.7	+0.5	3.5	0	0	30	13	1	3	0	8	0	4	1	0	0
ASANSUL	0230	126	1015.1	1000.2	..	15.9	14.7	13.8	15.8	87	..	1.4	..	0.3	0	0	2	01	0	0	0	0	0	0	1	28	0
	0530	126	1015.7	1000.8	..	15.3	14.3	13.5	15.5	89	..	2.1	..	0.7	0	0	5	00	1	0	0	0	0	2	2	25	0
	0830	126	1017.5	1002.9	+2.2	22.2	18.1	15.3	17.4	65	- 4	2.5	+0.8	2.9	0	0	19	04	1	1	0	0	0	5	8	11	0
	1130	126	1015.8	1001.5	..	28.2	19.5	13.6	15.6	41	..	2.7	..	4.4	0	0	22	08	4	3	0	0	1	1	5	8	0
	1430	126	1013.2	999.0	..	29.0	19.6	13.2	15.2	39	..	2.9	..	4.5	0	0	25	09	7	1	1	0	0	0	7	5	0
	1730	126	1013.7	999.3	+2.2	23.4	18.8	15.8	17.9	62	+ 9	2.5	+0.5	0.3	0	0	4	02	0	0	1	0	0	0	1	26	0
	2030	126	1015.8	1001.1	..	18.6	16.3	14.7	16.7	78	..	1.4	..	0.5	0	0	4	00	0	0	1	0	0	0	3	26	0
	2330	126	1015.9	1001.1	..	16.9	15.1	13.7	15.8	82	..	1.4	..	0.7	0	0	5	02	0	0	0	0	0	0	3	25	0
SHANTI NIKETAN	0830	59	1017.6	1010.7	..	21.4	18.5	16.7	19.0	74	..	2.5	..	3.3	0	0	22	12	1	1	0	0	0	0	8	8	0
	1130	59	1016.4	1009.7	..	27.2	19.3	14.0	16.0	45	..	2.5	..	3.8	0	0	21	07	4	2	1	0	0	1	6	9	0
	1730	59	1013.9	1007.1	..	23.5	19.3	16.7	19.0	65	..	2.5	..	2.4	0	0	16	09	3	1	0	0	0	0	3	14	0
KRISHNANAGAR	0830	15	1017.1	1015.4	+1.9	23.0	19.4	17.2	19.6	71	- 1	1.6	-0.1	0.5	0	0	5	00	2	0	0	0	0	0	3	25	0
	1730	15	1014.6	1012.9	+2.4	24.7	20.8	18.5	21.3	70	+ 3	1.3	-0.7	0.1	0	0	1	00	0	0	1	0	0	0	0	29	0
PURULIA	0830	255	1018.0	988.7	+1.7	20.6	17.0	14.5	16.5	67	+ 5	2.8	+1.5	3.3	0	0	27	04	2	0	0	0	1	9	11	3	0
	1730	255	1013.9	985.1	+1.6	24.9	19.2	15.5	17.6	56	+ 1	3.0	+1.5	1.2	0	0	10	03	3	3	1	0	0	0	0	20	0
BANKURA	0830	100	1017.1	1005.5	..	21.4	17.0	14.8	16.8	66	..	1.3	..	0.9	0	0	12	04	2	2	0	0	0	0	4	18	0
	1730	100	1013.6	1002.2	..	25.3	19.5	15.8	17.9	55	..	1.2	..	0.0	0	0	1	00	0	1	0	0	0	0	0	29	0
BURDWAN	0830	32	1017.5	1013.8	+2.4	23.2	19.4	17.1	19.5	68	- 4	1.2	-0.4	2.3	0	0	28	03	9	1	0	0	0	10	5	2	0
	1730	32	1013.5	1009.9	+2.1	25.8	21.1	18.4	21.1	63	- 3	1.5	-0.1	1.1	0	0	15	02	1	3	0	0	0	5	4	15	0
CALCUTTA (DUM DUM)	0230	6	1014.0	1013.3	..	19.4	18.5	18.0	20.6	92	..	1.9	..	2.3	0	0	9	03	1	2	0	0	0	0	3	21	0
	0530	6	1014.7	1014.0	..	18.6	18.0	17.6	20.1	94	..	3.1	..	2.2	0	1	5	03	2	1	0	0	0	0	0	24	0
	0830	6	1016.8	1016.1	+1.9	22.6	19.7	17.9	20.5	75	+ 3	3.2	+1.3	5.1	0	0	22	11	7	1	0	1	0	0	2	8	0
	1130	6	1015.4	1014.7	..	26.7	20.4	16.4	18.6	55	..	3.3	..	8.5	0	0	26	13	8	1	0	1	0	0	3	4	0
	1430	6	1013.0	1012.3	..	27.3	20.5	16.3	18.5	52	..	3.7	..	7.3	0	0	27	13	6	1	1	1	1	0	4	3	0
	1730	6	1013.5	1012.8	+1.9	24.5	20.9	18.9	21.8	71	+ 3	2.8	+0.5	1.5	0	0	6	02	1	0	1	0	1	0	1	24	0
	2030	6	1015.1	1014.4	..	21.2	19.8	19.0	22.0	87	..	1.8	..	1.4	0	0	5	00	1	0	1	1	1	0	1	25	0
	2330	6	1015.0	1014.3	..	20.0	19.1	18.5	21.3	91	..	1.7	..	1.6	0	1	7	05	1	0	0	0	0	0	2	22	0
CALCUTTA	0830	6	1016.9	1016.1	+1.9	24.3	20.1	17.6	20.1	66	- 8	3.1	+1.3	4.4	0	0	23	08	7	1	0	0	0	0	7	7	0
	1130	6	1015.3	1014.6	..	27.7	20.7	16.5	18.8	51	..	3.6	..	6.1	0	0	29	07	7	2	1	0	1	1	10	1	0
	1730	6	1013.5	1012.8	+1.9	24.5	20.3	17.8	20.4	67	+ 0	3.0	+0.9	2.4	0	0	15	02	2	1	1	2	1	1	5	15	0
MIDNAPORE	0830	45	1016.9	1011.5	+1.6	27.5	18.7	16.3	18.5	69	+ 2	2.0	+0.2	3.1	0	0	28	18	8	0	1	0	1	0	0	2	0
	1730	45	1013.3	1008.0	+1.8	25.0	20.8	18.4	21.1	67	+ 9	2.1	+0.0	1.4	0	0	13	06	4	0	2	0	1	0	0	17	0
CONTAI	0830	11	1016.7	1015.4	+1.6	23.0	20.8	19.6	22.8	78	+ 6	3.8	+2.3	3.5	0	0	27	18	4	0	0	0	0	0	5	3	0
	1730	11	1013.4	1012.2	+1.6	24.2	21.2	19.5	22.7	76	+ 9	3.5	+2.0	1.6	0	1	4	00	2	1	0	0	1	0	1	25	0
SAGAR ISLAND	0830	3	1016.1	1015.8	+1.8	23.6	21.3	20.1	23.5	81	+10	4.2	+1.5	11.6	0	3	26	13	6	2	0	0	0	1	7	1	0
	1730	3	1013.0	1012.7	+2.0	24.5	21.4	19.7	22.9	73	+ 4	3.7	+0.7	9.2	0	1	27	09	4	1	1	2	1	1	9	2	0
SANDHEADS	0530	10	1013.9	1012.8	..	25.0	21.4	19.4	22.5	72	..	4.1	..	14.7	0	6	22	13	11	1	1	0	0	1	1	2	0
	0830	10	1016.0	1014.9	+1.5	25.8	21.8	19.6	22.8	70	+ 6	3.7	+1.4	14.0	0	3	27	10	14	2	1	1	1	0	1	0	0
	1130	10	1015.1	1014.0	..	26.8	22.1	19.5	22.7	64	..	3.2	..	13.9	0	6	24	09	12	2	4	1	0	1	1	0	0
	1730	10	1013.2	1012.1	+1.6	25.9	21.1	18.3	21.0	64	+ 0	3.8	+1.3	13.4	0	5	21	11	5	3	3	0	0	0	4	4	0
	2330	10	1014.6	1013.5	..	25.3	21.0	18.5	21.3	66	..	3.3	..	12.6	0	4	20	14	5	2	2	0	1	0	0	6	0
ORISSA																											
BARIPADA	0830	54	1018.3	1011.9	+2.0	21.1	18.4	16.7	19.0	76	+11	3.0	+1.1	2.1	0	0	19	09	7	0	0	0	0	0	2	11	1
	1730	54	1015.0	1008.7	+2.2	23.5	19.8	17.5	20.0	70	+ 6	3.0	+1.5	0.5	0	0	4	01	1	0	0	1	0	0	1	26	0
JHARSUGUDA	0230	230	1014.8	988.0	..	17.8	16.2	15.1	17.2	84	..	2.2	..	3.4	0	0	22	05	14	3	0	0	0	0	0	8	0
	0530	230	1015.5	988.6	..	16.6	15.3	14.3	16.3	86	..	3.2	..	3.5	0	0	22	08	13	1	0	0	0	0	0	8	0
	0830	230	1017.3	990.8	+1.5	21.2	16.9	13.8	15.8	63	- 1	3.4	+1.6	8.6	0	0	30	07	19	4	0	0	0	0	0	0	0
	1130	230	1015.8	989.8	..	27.2	19.3	14.0	16.0	44	..	2.9	..	7.0	0	0	29	04	14	7	3	0	0	0	1	1	0
	1430	230	1012.6	986.9	..	29.0	18.8	11.3	13.4	34	..	3.7	..	7.5	0	0	29	10	7	5	1	1	0	2	3	1	0
	1730	230	1013.2	987.2	+1.5	25.8	18.7	13.8	15.8	47	- 6	3.7	+1.6	2.9	0	0	16	01	6	4	3	1	0	1	0	14	0
	2030	230	1015.2	988.9	..	22.0	17.5	14.3	16.3	62	..	3.1	..	2.9	0	0	15	00	3	1	4	4	1	2	0	15	0
	2330	230	1015.6	988.9	..	19.1	16.9	15.4	17.5	79	..	2.5	..	3.2	0	0	22	04	13	2	3	0	0	0	0	8	0
KEONJHARGARH	0830	463	1016.5	963.8	-0.6	18.8	16.6	15.4	17.1	80	+17	1.4	-0.2	0.9	0	0	13	03	1	1	0	0	0	8	0	17	0
	1730	463	1013.4	961.7	+0.6	24.3	19.1	16.1	18.3	61	+ 6	2.6	+0.6	0.5	0	0	7	02	0	2	0	1	0	2	0	23	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER,1968 (KARTIKA 10 - AGRAHAYANA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C: Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.): 62 or more	20 to 61	1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
URISSA (CONTD.)																											
BALASURE	0830	20	1017.0	1014.7	+2.1	22.7	19.5	17.6	20.1	73	+4	3.1	+0.4	7.3	0	1	29	23	4	0	0	0	0	0	3	0	0
	1730	20	1013.8	1011.5	+2.2	23.9	20.9	19.2	22.2	76	+8	3.4	+0.2	1.7	0	0	7	02	1	0	1	2	1	0	0	23	0
SAMBALPUR	0830	148	1016.4	999.1	+1.3	22.8	19.7	18.8	21.7	76	+2	2.5	+0.3	1.1	0	0	14	02	8	3	1	0	0	0	0	16	0
	1730	148	1013.4	996.3	+1.4	22.6	18.8	16.3	18.5	65	+10	2.5	-0.1	0.5	0	0	7	01	3	0	1	2	0	0	0	23	0
ANGUL	0830	139	1017.3	1001.3	+1.9	22.0	19.6	18.2	20.9	79	+4	4.2	+1.4	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	139	1013.6	997.8	+2.0	25.8	20.6	17.5	20.0	61	+8	4.8	+1.5	..	.	..	..	..	..	..	..	..	..	..	..	..	..
CHANDBALI	0830	6	1016.9	1016.2	+2.0	23.7	21.1	19.7	22.9	78	+1	3.8	+1.5	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	6	1013.5	1012.8	+1.8	25.3	21.0	18.5	21.3	67	+0	3.6	+1.2	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BOLANGIR	0830	190	1016.8	994.9	+0.7	22.4	19.1	17.1	19.5	72	+5	3.8	+1.6	3.4	0	3	13	05	7	1	0	1	1	0	1	14	0
	1730	190	1013.0	991.5	+0.5	25.9	19.7	15.7	17.8	54	+4	4.4	+2.3	2.5	0	2	14	06	5	5	0	0	0	0	0	14	0
PHULBANI	0830	464	1017.1	964.6	..	20.5	18.0	16.5	18.8	78	..	0.7	..	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	1730	464	1013.1	961.0	..	23.7	18.9	16.1	18.3	63	..	0.3	..	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
CUTTACK	0830	27	1017.3	1014.2	+2.3	23.3	20.8	19.4	22.5	79	+5	2.9	+0.6	2.7	0	0	13	10	1	1	0	0	0	1	0	17	0
	1730	27	1013.9	1010.9	+2.4	27.4	22.4	19.7	22.9	63	+4	2.5	-0.2	3.1	0	2	11	04	1	7	0	1	0	0	0	17	0
TITLAGARH	0830	211	1016.2	992.0	+0.7	22.3	20.0	18.6	21.4	80	+7	4.0	+2.0	1.9	0	0	29	00	20	0	6	0	2	0	1	1	0
	1730	211	1011.9	988.2	+0.7	27.0	21.8	18.9	21.8	62	+8	3.9	+2.0	2.0	0	0	30	00	26	0	0	0	3	0	1	0	0
BHUBANESWAR	0230	46	1013.9	1008.6	..	20.3	19.4	18.9	21.9	93	..	2.4	..	6.1	0	2	13	10	1	1	0	0	0	1	2	15	0
	0530	46	1014.5	1009.2	..	19.5	18.8	18.3	21.0	94	..	3.5	..	7.3	0	3	19	13	3	2	0	0	0	:	3	8	0
	0830	46	1016.8	1011.5	+1.7	23.3	20.9	19.6	22.8	79	+11	4.5	+2.2	9.1	0	4	18	15	5	0	0	0	0	0	2	8	0
	1130	46	1015.6	1010.4	..	26.9	21.2	17.9	20.5	59	..	4.8	..	11.3	0	4	21	09	10	4	0	0	0	0	2	5	0
	1430	46	1012.9	1007.8	..	27.6	20.9	16.9	19.3	53	..	5.0	..	12.5	0	4	24	08	14	6	0	0	0	0	0	2	0
	1730	46	1013.6	1008.3	+1.7	25.2	21.1	18.8	21.7	69	+8	4.5	+1.8	7.1	0	2	19	04	11	4	2	0	0	0	0	9	0
	2030	46	1015.5	1010.2	..	22.8	20.5	19.2	22.2	81	..	3.0	..	4.1	0	2	9	01	2	4	2	1	1	0	0	19	0
	2330	46	1015.2	1009.9	..	21.1	19.8	18.9	21.9	88	..	2.4	..	3.9	0	2	10	03	5	1	0	0	1	0	2	18	0
PURI	0830	6	1017.3	1016.6	+2.5	24.6	21.8	20.4	23.8	78	+7	3.8	+1.3	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	6	1013.4	1012.9	+1.9	24.8	22.0	20.4	24.0	79	+15	3.5	+0.1	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GOPALPUR	0530	17	1014.1	1012.1	..	20.9	20.1	19.7	22.9	92	..	4.6	..	11.9	0	3	27	21	2	0	0	0	0	0	7	0	0
	0830	17	1016.4	1014.4	+1.7	23.2	21.1	19.9	23.2	83	+9	4.7	+1.8	13.1	0	3	27	19	2	0	0	0	0	0	9	0	0
	1130	17	1015.5	1013.5	..	27.3	22.3	19.6	22.8	63	..	4.8	..	12.3	0	2	27	09	5	6	7	1	0	0	1	1	0
	1730	17	1013.3	1011.4	+1.9	25.9	21.7	19.4	22.5	68	+3	5.2	+1.9	13.6	0	3	27	01	8	13	6	1	1	0	0	0	0
	2330	17	1015.1	1013.1	..	22.9	21.1	20.1	23.5	85	..	3.8	..	5.6	0	1	20	14	2	0	0	1	0	1	3	9	0
KORAPUT	0830	913	1541.9	915.0	+1.3	18.6	16.9	15.9	18.1	84	+11	4.4	+2.4	7.1	0	0	30	01	5	1	17	3	1	0	2	0	0
	1730	913	1521.8	912.3	+0.9	20.9	17.8	15.9	18.1	73	+14	4.9	+2.4	10.4	0	0	30	04	8	1	2	0	3	0	12	0	0
BIHAR PLATEAU																											
DUMKA	0830	149	1017.3	1000.1	+1.9	21.6	17.7	15.0	17.0	66	+0	1.8	+0.8	3.7	0	0	23	05	4	0	1	1	1	4	7	7	0
	1730	149	1013.7	996.7	+2.1	24.0	18.6	13.8	15.8	57	+1	0.8	-0.5	1.5	0	0	10	02	2	3	1	0	0	0	2	20	0
DALTONGANJ	0830	221	1016.8	991.3	+0.7	20.8	16.0	12.3	14.3	59	-12	2.6	+1.2	3.3	0	0	25	00	1	0	1	0	22	1	0	5	0
	1730	221	1013.3	988.3	+1.4	25.3	17.7	12.1	14.1	44	-8	2.8	+1.1	1.4	0	0	11	02	3	0	0	0	2	4	0	19	0
HAZARIBAGH	0830	611	1017.4	948.2	+1.8	19.4	14.6	10.6	12.8	58	+1	2.5	+1.0	2.9	0	0	18	05	3	0	0	3	3	1	3	12	0
	1730	611	1014.1	945.5	+1.7	20.9	14.6	9.1	11.5	49	-6	3.2	+1.5	3.9	0	0	27	12	2	1	0	0	0	0	12	3	0
DHANBAD	0830	257	1016.9	987.5	+1.7	22.7	17.7	14.2	16.2	58	+0	1.0	-0.5	1.3	0	0	13	01	3	1	0	0	1	3	4	17	0
	1730	257	1013.4	984.3	..	24.9	18.6	14.3	16.3	51	..	1.3	..	1.3	0	0	15	00	4	1	1	0	0	1	8	15	0
RANCHI AERODROME	0530	652	1016.4	941.9	..	15.0	12.1	9.7	12.0	71	..	1.7	..	3.1	0	0	14	04	1	0	0	0	0	2	7	16	0
	0830	652	1017.1	943.7	+1.1	19.8	14.4	10.3	12.5	54	+0	1.6	+0.1	3.7	0	0	15	07	3	0	1	0	2	1	1	15	0
	1130	652	1015.1	942.8	..	23.9	15.3	8.5	11.1	39	..	2.3	..	12.6	0	3	25	08	6	1	1	0	0	1	11	2	0
	1430	652	1012.3	940.4	..	24.8	15.4	7.9	10.7	35	..	2.4	..	13.7	0	2	27	12	6	1	0	0	0	0	10	1	0
	1730	652	1013.3	940.7	+0.9	22.2	15.1	9.7	12.0	45	-3	2.3	+0.4	5.7	0	0	23	14	2	2	0	0	0	0	5	7	0
	2030	652	1016.0	942.4	..	18.6	14.0	10.4	12.6	60	..	1.0	..	6.1	0	0	23	08	3	0	0	0	1	0	11	7	0
JAMSHEDPUR	0830	129	1017.5	1002.5	+1.7	19.7	16.9	14.9	16.9	73	+0	2.7	+0.8	2.0	0	0	18	01	0	1	1	0	1	5	9	12	0
	1730	129	1013.3	998.7	+1.5	24.9	19.7	16.4	18.6	59	+2	2.1	+0.5	0.9	0	0	8	01	1	5	1	0	0	0	0	22	0
JAMSHEDPUR P.B.O.	0530	142	1015.6	999.0	..	16.4	15.1	14.0	16.2	86	..	2.9	..	0.8	0	0	5	00	1	0	0	0	1	0	3	25	0
	0830	142	1017.4	1000.9	+1.3	19.9	16.8	14.6	16.6	71	+1	3.6	+2.0	3.5	0	0	15	01	1	1	0	0	1	1	10	15	0
	1130	142	1015.6	999.7	..	26.2	18.8	13.7	15.7	46	..	2.8	..	4.5	0	0	17	05	5	3	0	0	1	0	3	13	0
	1430	142	1012.9	996.9	..	28.0	18.4	11.3	13.4	36	..	3.1	..	8.0	0	1	25	11	2	4	0	0	0	2	7	4	0
	1730	142	1013.1	997.0	+1.3	25.5	18.6	13.7	15.7	49	-3	3.5	+1.6	1.3	0	0	6	03	0	2	1	0	0	0	0	24	0
	2030	142	1015.3	998.9	..	20.3	17.5	15.6	17.7	75	..	1.5	..	0.1	0	0	1	00	0	0	0	0	0	0	1	29	0
	2330	142	1015.7	999.1	..	18.2	16.1	14.6	16.6	80	..	1.9	..	1.4	0	0	7	01	0	0	0	0	0	1	5	23	0
CHAIBASA	0830	226	1017.5	991.5	+2.1	20.9	17.2	14.6	16.6	67	-4	3.7	+1.5	0.7	0	0	8	00	3	0	0	1	3	0	1	22	0
	1730	226	1013.5	987.6	+1.8	24.4	18.2	13.9	15.9	52	-4	3.8	+1.2	0.3	0	0	3	00	2	0	0	0	1	0	0	27	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS- NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BIHAR PLAINS																											
MOTIHARI	0830		(R)																								
	1730		(R)																								
FORBESGANJ	0830	61	1017.5	1010.4	+1.9	20.4	18.3	17.0	19.4	81	+ 5	2.1	+1.2	2.8	0	0	27	07	2	15	0	1	0	2	0	3	0
	1730	61	1013.4	1006.5	+1.8	23.5	19.8	17.6	20.1	69	+ 3	1.5	+0.5	0.5	0	0	7	00	0	0	0	0	0	7	0	23	0
DARBHANGA	0830	49	1018.3	1012.5	+2.7	20.5	17.9	16.1	18.3	76	- 1	1.0	+0.1	1.4	0	0	15	00	1	6	5	0	0	3	0	15	0
	1730	49	1015.1	1009.5	+3.3	24.9	20.3	17.5	20.0	64	+ 0	0.2	-0.5	0.3	0	0	3	00	2	0	1	0	0	0	0	27	0
MUZAFFARPUR	0830		..	..	..	20.9	17.7	15.5	17.6	72	..	1.3	..	1.0	0	0	15	00	2	4	0	0	4	3	2	15	0
	1730		..	..	..	22.3	19.0	16.9	19.3	72	..	1.3	..	0.1	0	0	2	00	0	1	0	0	0	1	0	28	0
CHAPRA	0830	58	1017.3	1010.6	..	20.3	16.8	14.3	16.3	69	..	1.7	..	2.0	0	0	26	01	2	1	1	3	16	1	1	4	0
	1730	58	1013.8	1007.2	..	25.0	18.8	14.6	16.6	53	..	0.7	..	0.3	0	0	5	00	1	0	0	0	3	0	1	25	0
PURNEA	0830	38	1017.4	1013.1	+2.0	21.7	18.9	17.2	19.6	76	- 1	1.8	+0.7	0.9	0	0	13	01	3	2	1	1	3	2	0	17	0
	1730	38	1013.7	1009.3	+2.0	23.8	20.5	18.6	21.4	73	+ 0	1.3	+0.5	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
PATNA	0830	53	1017.6	1011.4	+1.9	20.2	16.7	14.2	16.2	69	+ 7	2.0	+0.9	3.3	0	0	27	02	3	0	3	2	12	4	1	3	0
	1730	53	1014.0	1008.0	+2.0	24.2	18.3	14.3	16.3	54	+ 2	1.6	+0.6	1.7	0	0	17	02	2	0	0	2	3	7	1	13	0
PATNA AERODROME	0230	60	1014.4	1007.4	..	15.7	14.6	13.7	15.7	88	..	2.0	..	0.1	0	0	1	01	0	0	0	0	0	0	0	29	0
	0530	60	1014.9	1007.8	..	14.4	13.5	12.7	14.7	90	..	2.2	..	0.1	0	0	1	00	0	0	0	0	1	0	0	29	0
	0830	60	1017.1	1010.1	+1.4	20.3	16.7	14.1	16.1	69	+ 2	2.9	+2.0	2.7	0	0	20	00	1	2	0	2	6	6	2	10	1
	1130	60	1016.2	1009.4	..	26.5	18.5	12.8	14.8	43	..	3.2	..	5.6	0	0	28	02	2	2	1	4	2	9	6	2	0
	1430	60	1013.3	1006.6	..	28.1	18.4	11.2	13.3	35	..	3.3	..	6.2	0	0	28	02	3	1	0	2	5	11	4	2	0
	1730	60	1013.4	1006.6	+1.8	23.9	18.3	14.5	16.5	56	+ 0	2.9	+1.9	0.5	0	0	5	00	0	0	0	0	0	2	3	25	0
	2030	60	1015.4	1008.4	..	18.5	16.1	14.3	16.3	76	..	2.4	..	0.1	0	0	1	00	0	0	0	0	0	0	1	29	0
	2330	60	1015.4	1008.4	..	16.4	14.8	13.6	15.6	84	..	2.1	..	0.1	0	0	1	01	0	0	0	0	0	0	0	29	0
BHAGALPUR	0530	49	1015.5	1009.7	..	17.3	15.7	14.5	16.5	85	..	3.0	..	2.3	0	0	24	00	1	1	5	12	4	1	0	6	0
	0830	49	1017.6	1011.9	+1.6	21.4	17.7	15.2	17.3	67	- 1	2.7	+1.8	3.0	0	0	27	00	2	3	4	5	5	5	2	3	1
	1130	49	1016.3	1010.7	..	25.4	18.7	14.1	16.1	50	..	3.2	..	3.9	0	0	30	00	2	3	3	1	5	9	6	0	1
	1730	49	1013.8	1008.2	+1.6	23.7	18.9	15.8	17.9	61	- 3	3.9	+2.8	2.8	0	0	27	03	2	3	2	0	2	8	6	3	1
	2330	49	1015.7	1010.0	..	19.8	17.0	15.1	17.1	74	..	2.2	..	2.8	0	0	24	00	1	1	7	4	11	0	0	6	0
SABAUR	0830	37	1017.6	1013.2	+2.1	20.2	17.6	15.9	18.1	76	+ 3	2.4	+0.9	2.5	0	0	26	01	1	2	1	1	14	3	3	4	0
	1730	37	1013.8	1009.5	+1.9	23.5	20.1	18.1	20.8	71	+ 0	3.2	+1.8	0.6	0	0	8	00	0	0	0	0	0	0	8	22	0
JAMUI	0830	82	1018.8	1009.1	+3.0	19.0	16.9	15.5	17.6	79	+ 3	1.3	+0.0	4.1	0	0	30	06	0	14	0	1	0	9	0	0	0
	1730	82	1015.4	1006.0	+3.3	24.2	19.5	16.5	18.8	63	+ 2	1.3	+0.2	3.9	0	0	30	01	1	13	0	0	0	14	1	0	0
DEHRI	0830	107	1017.2	1004.8	+1.4	20.5	17.1	14.7	16.7	71	+ 7	3.1	+2.1	2.0	0	0	30	00	1	2	2	8	15	1	1	0	0
	1730	107	1013.1	1000.9	+1.2	25.8	19.7	15.8	17.9	54	+ 2	3.1	+2.3	2.0	0	0	30	00	9	5	0	0	2	13	1	0	0
GAYA	0230	116	1015.8	1002.1	..	14.8	14.0	13.4	15.4	91	..	1.7	..	1.7	0	0	16	00	0	2	10	4	0	0	0	14	0
	0530	116	1016.2	1002.4	..	13.6	13.0	12.3	14.5	93	..	2.2	..	2.4	0	0	22	00	0	5	14	3	0	0	0	8	0
	0830	116	1018.0	1004.5	+2.2	19.4	16.6	14.6	16.6	74	+ 8	2.6	+1.5	2.9	0	0	20	00	0	0	4	12	4	0	0	10	0
	1130	116	1016.8	1003.6	..	27.0	19.8	15.2	17.3	49	..	2.6	..	5.0	0	0	23	01	3	1	2	1	4	7	4	7	0
	1430	116	1014.1	1001.0	..	28.3	19.7	13.9	15.9	42	..	2.6	..	7.3	0	0	27	03	2	1	0	1	0	6	14	3	0
	1730	116	1014.3	1001.0	+2.4	24.1	15.5	14.7	16.7	56	+ 9	2.9	+1.6	2.3	0	0	19	09	2	2	0	0	0	0	6	11	0
	2030	116	1016.1	1002.5	..	19.5	16.7	14.7	16.7	74	..	2.4	..	0.8	0	0	8	02	4	1	0	0	0	0	1	22	0
	2330	116	1016.4	1002.7	..	16.3	14.9	13.8	15.8	85	..	2.1	..	1.1	0	0	10	00	0	3	6	1	0	0	0	20	0
UTTAR PRADESH EAST																											
KHERI	0830	147	1017.2	1000.1	+1.4	20.8	17.2	14.6	16.6	69	- 6	1.3	+0.9	2.3	0	0	20	00	0	19	0	0	0	1	0	10	0
	1730	147	1013.5	996.7	+1.2	23.3	18.2	14.4	16.4	59	- 1	1.2	+0.7	1.2	0	0	14	00	0	14	0	0	0	0	0	16	0
BAHRAICH	0830	124	1017.6	1003.0	+2.3	19.1	15.8	13.4	15.4	72	+ 0	1.2	+0.6	1.6	0	0	15	00	1	3	3	0	2	2	4	15	0
	1730	124	1014.1	999.9	+2.0	24.5	18.1	13.1	15.1	50	- 1	1.8	+1.1	0.5	0	0	6	00	0	0	0	0	0	2	4	24	0
NAUTANWA	0830	99	1017.0	1005.4	+0.6	18.9	17.2	16.1	18.3	84	+ 0	1.3	+1.0	0.9	0	0	14	01	3	4	4	1	1	0	0	16	0
	1730	99	1013.5	1002.1	+0.7	23.6	18.9	15.7	17.8	61	+ 0	0.5	+0.2	0.6	0	0	8	00	0	1	0	2	3	1	1	22	0
HARDOI	0830	142	1017.5	1000.9	+1.9	19.5	15.6	12.6	14.6	64	-10	0.4	+0.0	1.0	0	0	15	02	1	1	0	1	0	8	2	15	0
	1730	142	1014.0	997.6	+1.4	23.1	18.3	15.1	17.1	61	+ 8	0.5	-0.1	0.1	0	0	3	00	0	0	0	0	0	3	0	27	0
GONDA	0830	110	1017.8	1005.3	+2.4	20.4	16.6	13.6	15.6	66	-12	0.7	+0.1	1.0	0	0	13	04	0	2	0	0	0	1	6	17	0
	1730	110	1013.9	1001.3	+1.3	23.6	18.5	14.5	16.5	58	- 1	0.9	+0.2	0.2	0	0	2	00	0	0	0	0	0	0	2	28	0
LUCKNOW	0830	111	1017.7	1004.9	+2.2	14.9	12.3	9.9	12.2	72	+ 1	0.6	+0.0	0.0	0	0	0	00	0	0	0	0	0	0	0	17	0
	1730	111	1014.9	1002.2	+2.7	24.7	18.0	12.9	14.9	49	- 6	1.7	+1.1	0.0	0	0	0	00	0	0	0	0	0	0	0	18	0
LUCKNOW (AMOUSI)	0230	128	1015.2	1000.0	..	13.1	11.8	10.5	12.7	84	..	0.3	..	2.5	0	0	15	02	0	2	2	0	0	3	6	15	0
	0530	128	1015.5	1000.2	..	12.0	10.9	9.9	12.2	87	..	0.2	..	4.1	0	0	24	00	1	2	1	0	4	7	9	6	0
	0830	128	1017.3	1002.3	+1.0	18.2	14.3	11.1	13.2	63	- 3	1.2	+0.7	5.1	0	0	24	02	0	1	1	3	4	6	7	6	0
	1130	128	1016.6	1002.1	..	26.7	17.0	8.1	10.8	32	..	1.0	..	0.8	0	1	29	06	1	0	2	3	1	6	11	0	0
	1430	128	1013.8	999.4	..	28.3	16.9	6.6	9.7	26	..	1.1	..	11.3	0	4	25	04	0	1	3	0	2	5	14	1	0
	1730	128	1013.9	999.2	+1.0	23.1	17.0	12.5	14.5	52	- 2	1.4	+0.8	4.1	0	0	22	05	1	1	0	0	1	7	7	8	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
UTTAR PRADESH EAST (CONTD.)																											
LUCKNOW (AMAUSI)	2030	128	1015.8	1000.8	..	16.6	13.8	11.3	13.4	71	..	0.8	..	3.5	0	0	18	02	1	3	0	0	2	5	5	12	0
	2330	128	1015.7	1000.9	..	14.4	12.5	10.7	12.9	79	..	0.3	..	3.4	0	0	21	01	3	1	2	0	2	8	4	9	0
FAIZABAD	0830	102	1017.5	1005.6	+1.4	18.9	16.1	14.1	16.1	74	- 3	1.5	+0.3	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	1730	102	1014.1	1002.4	+1.4	22.4	18.5	15.9	18.1	67	- 1	1.4	+0.2	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
GORAKHPUR	0830	77	1017.6	1008.6	+2.5	20.3	16.5	13.7	15.7	66	- 3	1.6	+0.9	1.2	0	0	18	01	0	3	0	1	2	4	7	12	0
	1730	77	1013.5	1004.7	+1.8	25.5	18.8	14.3	16.3	50	- 5	1.0	+0.1	0.2	0	0	5	00	0	0	0	0	2	1	2	25	0
GORKHPUR P.B.O	0230	78	1014.7	1005.5	..	18.3	16.3	15.3	17.4	81	..	0.8	..	3.0	0	0	3	01	0	0	0	0	1	0	1	27	0
	0530	78	1015.2	1006.0	..	17.2	15.4	14.2	16.2	83	..	0.8	..	0.5	0	0	7	02	1	0	0	0	0	2	2	23	0
	1130	78	1016.6	1007.6	..	24.7	18.3	14.6	16.6	54	..	1.2	..	4.3	0	0	29	02	0	0	6	6	6	5	4	1	0
	1430	78	1013.8	1004.8	..	25.9	17.9	13.1	15.1	46	..	1.6	..	4.1	0	0	27	00	1	0	1	5	6	9	5	3	0
	2030	78	1015.1	1006.0	..	21.0	17.7	15.1	17.1	73	..	0.8	..	1.1	0	0	10	02	1	0	0	0	3	2	2	20	0
	2330	78	1015.5	1006.4	..	19.6	16.9	15.5	17.6	70	..	0.9	..	0.7	0	0	6	02	0	0	0	1	1	2	0	24	0
KANPUR	0830	126	1016.8	1002.1	+1.0	18.9	14.8	10.2	12.4	58	- 8	0.3	-0.4	2.1	0	0	10	00	1	1	0	0	0	7	1	20	0
	1730	126	1012.9	998.5	+0.3	24.9	16.7	10.0	12.3	40	- 3	0.6	-0.1	0.5	0	0	3	00	1	1	0	0	0	1	0	27	0
KANPUR (AERODROME)	0530	126	1016.0	1001.0	..	13.3	11.3	9.3	11.7	77	..	0.7	..	1.3	0	0	4	00	0	0	0	0	0	2	2	26	0
	0830	126	1017.6	1002.9	..	18.6	14.0	9.8	12.1	56	..	1.3	..	5.2	0	0	20	01	0	1	3	3	1	9	2	10	0
	1130	126	1017.0	1002.7	..	27.3	16.9	8.5	11.1	31	..	1.3	..	8.2	0	0	26	07	1	1	0	3	2	8	4	4	0
	1730	126	1014.2	999.9	..	25.2	16.6	8.7	11.2	39	..	1.2	..	5.5	0	0	23	06	3	2	0	0	0	2	10	7	0
	2330	126	1016.4	1001.2	..	16.3	13.1	7.4	10.3	68	..	0.3	..	1.6	0	0	6	00	1	1	0	0	0	2	2	24	0
SULTANPUR	0830	97	1017.3	1006.2	+1.1	21.3	16.2	12.0	14.0	56	- 9	1.2	+0.2	0.2	0	0	3	00	0	1	0	0	1	1	0	27	0
	1730	97	1013.8	1002.7	+1.4	25.1	18.5	13.9	15.9	50	- 1	1.0	+0.0	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
AZAMGARH	0830	78	1017.2	1008.1	+2.0	20.0	17.3	15.5	17.6	76	+ 3	1.1	+0.8	1.1	0	0	11	00	0	1	1	0	2	6	1	19	0
	1730	78	1014.0	1005.0	+2.2	24.9	20.7	18.4	21.1	69	+ 5	0.3	+0.1	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
FATEHPUR	0830		..	..	..	18.7	15.7	13.4	15.4	71	+ 8	0.3	-0.5	1.7	0	0	13	00	0	0	0	0	0	0	11	2	17	0
	1730		..	..	..	24.2	19.7	16.8	19.1	63	+16	0.5	-0.4	0.1	0	0	1	00	0	0	0	0	0	1	0	29	0
BALLIA	0830	64	1018.3	1010.9	+1.8	20.2	16.9	14.6	16.6	69	- 2	2.1	+1.4	0.7	0	0	11	00	1	4	0	0	0	5	1	19	0
	1730	64	1014.9	1007.6	+1.9	24.0	20.9	18.6	21.4	72	+18	1.4	+0.6	0.1	0	0	1	00	0	1	0	0	0	0	0	29	0
BANDA	0830	121	1018.3	1004.1	+1.7	19.3	13.6	8.4	11.0	50	-11	0.4	-0.2	0.1	0	0	1	00	0	0	0	0	0	1	0	29	0
	1730	121	1015.1	1001.2	+2.3	26.9	18.5	12.0	14.0	40	- 9	0.5	-0.2	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
ALLAHABAD (BAMHRAULI)	0230	98	1015.3	1003.7	..	15.4	12.7	10.3	12.5	72	..	0.7	..	0.3	0	0	5	00	0	0	0	0	1	3	1	25	0
	0530	98	1015.6	1004.0	..	13.7	11.8	10.0	12.3	79	..	0.6	..	0.4	0	0	5	00	1	0	0	0	2	2	0	25	0
	0830	998	1017.5	1006.0	+1.6	18.7	13.9	9.7	12.0	56	-10	2.0	+0.9	1.5	0	0	14	00	0	0	1	1	1	8	3	16	0
	1130	98	1016.7	1005.6	..	28.1	17.3	8.0	10.7	29	..	2.1	..	4.6	0	0	30	03	1	3	2	4	0	10	7	0	0
	1430	98	1013.8	1002.8	..	30.1	17.5	6.5	9.7	23	..	2.2	..	6.1	0	0	29	08	2	1	0	0	0	4	13	1	1
	1730	98	1014.0	1002.9	+1.6	26.0	18.3	12.7	14.7	44	- 1	2.0	+0.8	0.4	0	0	4	02	1	0	0	0	0	0	1	26	0
	2030	98	1015.8	1004.3	..	19.6	14.9	11.0	13.1	58	..	1.3	..	0.3	0	0	4	01	1	1	0	0	0	0	1	26	0
	2330	98	1016.0	1004.5	..	16.7	13.4	10.5	12.7	67	..	1.0	..	0.3	0	0	4	01	1	1	0	0	0	0	1	26	0
VARANASI (BABATPUR)	0530	85	1016.0	1005.7	..	13.3	11.8	10.4	12.6	81	..	1.6	..	1.5	0	0	10	00	1	0	0	1	4	3	1	20	0
	0830	85	1017.9	1007.8	+1.3	19.7	14.9	10.7	12.9	57	- 6	1.9	+1.1	5.4	0	1	23	00	0	2	0	4	9	8	0	6	1
	1130	85	1016.4	1007.1	..	27.1	17.3	9.0	11.5	32	..	2.0	..	8.5	0	0	30	03	1	2	2	5	14	2	0	0	1
	1730	85	1014.3	1004.4	+1.1	24.6	17.1	11.3	13.4	44	- 4	1.8	+0.9	4.7	0	0	23	02	3	1	0	0	1	7	5	7	4
	2330	85	1016.2	1005.7	..	16.1	13.5	11.2	13.3	73	..	1.0	..	0.9	0	0	3	00	0	0	1	0	0	1	1	27	0
VARANASI	0830	76	1017.4	1008.5	+1.8	20.2	16.1	12.9	14.9	63	- 4	2.0	+1.0	0.8	0	0	12	00	0	0	1	0	3	8	0	18	0
	1730	76	1013.7	1005.0	+1.5	26.1	19.0	14.2	16.2	49	+ 2	1.4	+0.6	0.3	0	0	5	00	0	0	0	0	0	2	3	25	0
UTTAR PRADESH WEST																											
MUKHIM	0830		..	..	..	13.8	8.2	2.5	7.3	46	- 7	0.5	..	0.3	0	0	3	00	0	0	1	0	1	1	0	27	0
	1730		..	..	..	13.8	9.1	4.6	8.5	54	- 3	0.3	..	0.6	0	0	6	00	0	0	0	0	0	4	2	24	0
TEHRI	0830		..	..	..	10.5	8.3	5.8	9.2	72	- 9	1.3	-0.2	0.3	0	0	5	02	0	3	0	0	0	0	0	25	0
	1130		..	..	..	18.9	11.2	3.1	7.6	36	..	1.3	..	0.4	0	0	5	00	3	1	1	0	0	0	0	25	0
	1730		..	..	..	21.5	11.8	1.4	6.8	27	-26	1.3	-0.1	0.7	0	0	10	03	1	2	3	0	0	0	1	20	0
DEHRA DUN	0530	682	1017.5	938.5	..	11.4	9.3	7.2	10.1	76	..	0.4	..	1.1	0	0	9	03	5	0	0	0	0	0	1	21	0
	0830	682	1018.3	939.9	+1.8	14.0	11.2	8.7	11.2	71	+ 1	0.7	-0.2	0.3	0	0	4	03	0	0	0	0	0	0	1	26	0
	1130	682	1016.3	940.2	..	22.8	15.3	9.5	11.9	43	..	0.9	..	3.0	0	0	25	00	0	0	7	3	5	8	2	5	0
	1730	682	1014.1	937.9	+1.7	21.5	16.1	12.4	14.4	57	- 4	0.9	-0.3	0.3	0	0	3	00	0	0	0	1	0	0	2	27	0
	2330	682	1018.0	939.2	..	13.9	11.2	8.7	11.2	71	..	0.1	..	2.3	0	0	16	05	11	0	0	0	0	0	0	14	0
PANSIARI	0830		..	..	..	10.2	4.6	- 2.9	4.8	4	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	10.1	6.0	1.3	6.7	5	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
ROORKEE	0830	274	1018.0	985.7	+2.0	14.7	11.4	8.6	11.2	69	- 5	0.8	-0.2	0.1	0	0	1	00	0	0	1	0	0	0	0	29	0
	1730	274	1014.2	982.9	+1.3	25.0	16.1	8.3	10.9	36	-10	0.9	-0.4	0.4	0	0	6	00	0	0	2	0	0	0	4	24	0
NAJIBABAD	0830	270	1018.0	986.2	+1.4	15.6	12.7	10.3	12.5	71	-10	0.9	+0.3	1.9	0	0	16	02	2	5	5	1	0	0	1	14	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
UTTAR PRADESH WEST(CONTD.)																											
NAJIBABAD	1730	270	1015.4	984.5	+1.9	23.4	16.6	11.3	13.4	47	- 8	1.0	+0.4	1.9	0	0	18	04	1	0	2	0	0	0	11	12	0
MEERUT	0830	222	1017.7	991.6	+1.1	14.9	12.2	9.6	14.2	71	+ 8	0.3	+0.0	2.1	0	0	15	00	0	7	0	0	0	2	6	15	0
BAREILLY	0830	173	1017.6	997.3	+1.9	17.7	14.9	12.7	14.7	72	+ 2	1.4	+0.8	3.6	0	0	27	01	7	3	1	1	3	4	7	3	0
	1730	173	1013.7	994.0	+1.9	24.7	17.5	12.1	14.1	46	- 1	1.2	+0.4	0.9	0	0	10	01	0	1	0	0	8	0	0	20	0
BAREILLY P.B.O.	0230	172	1015.3	995.1	..	16.5	13.4	11.1	13.2	71	..	0.4	..	2.5	0	0	15	01	2	6	0	0	0	3	3	15	0
	0530	172	1015.5	995.2	..	15.2	12.9	11.2	13.3	78	..	0.7	..	3.5	0	0	22	01	5	5	0	0	0	5	6	8	0
	1130	172	1016.9	997.1	..	23.4	15.9	10.9	13.0	46	..	1.8	..	4.7	0	0	29	02	3	5	2	1	1	6	9	1	0
	1430	172	1014.0	994.4	..	25.8	15.8	8.4	11.0	34	..	2.1	..	5.7	0	0	28	01	0	1	2	0	0	11	13	2	0
	2030	172	1015.8	995.7	..	19.5	14.9	11.7	13.7	61	..	0.3	..	1.7	0	0	10	01	1	2	1	0	0	2	3	20	0
	2330	172	1016.0	995.9	..	17.8	14.0	11.3	13.4	65	..	0.4	..	2.2	0	0	13	00	0	5	1	0	1	4	2	17	0
ALIGARH	0830	187	1018.3	995.9	+1.9	15.9	12.1	8.4	11.0	61	+ 4	1.6	+1.0	2.2	0	0	24	02	0	1	0	1	0	19	1	6	0
	1730	187	1014.9	993.0	+1.8	24.7	16.9	10.6	12.8	42	+ 5	1.4	+0.7	1.2	0	0	16	03	0	1	0	0	0	12	0	14	0
MAINPURI	0830	157	1017.7	999.3	+1.9	17.0	13.6	10.8	12.9	67	+ 4	1.4	+0.7	1.8	0	0	18	00	0	1	2	0	0	9	6	12	0
	1730	157	1014.2	996.1	+1.6	24.6	17.4	11.9	13.9	46	+ 2	1.0	+0.2	0.8	0	0	8	00	0	2	0	0	0	4	2	22	0
AGRA	0830	169	1018.1	998.3	+1.9	17.8	13.7	10.1	12.3	61	+ 0	0.1	-0.5	0.1	0	0	2	00	0	0	0	0	0	0	2	28	0
	1730	169	1014.6	995.4	+2.0	25.2	18.9	14.8	16.8	53	+20	0.9	+0.2	0.7	0	0	8	00	0	0	0	0	0	0	8	22	0
AGRA AERODROME	0230	169	1016.5	996.4	..	13.3	10.9	8.5	11.1	73	..	0.5	..	0.6	0	0	2	00	1	1	0	0	0	0	0	28	0
	0530	169	1016.7	996.6	..	11.6	9.9	8.2	10.9	79	..	0.4	..	1.9	0	0	8	01	0	0	0	1	0	2	4	22	0
	0830	169	1018.1	998.2	..	17.4	12.9	8.6	11.2	57	..	1.4	..	2.7	0	0	11	01	0	2	0	0	0	4	4	19	0
	1130	169	1017.3	998.2	..	27.3	16.8	7.8	10.6	30	..	1.2	..	5.3	0	1	16	07	0	0	0	0	0	8	5	13	0
	1730	169	1014.9	995.3	..	24.3	16.5	10.1	12.3	41	..	1.5	..	4.3	0	0	18	14	2	0	0	0	0	0	2	12	0
	2330	169	1016.8	996.9	..	14.8	12.0	9.4	11.8	70	..	0.5	..	1.3	0	0	5	02	0	2	0	0	0	1	0	25	0
ORAI	0830	141	1019.0	1002.9	+2.2	25.0	16.9	10.3	12.5	40	-11	0.1	-0.2	2.1	0	0	23	02	7	0	0	0	0	0	14	7	0
	1730	141	1013.0	997.1	-0.1	27.2	18.1	11.2	13.3	37	- 2	0.2	-0.3	2.5	0	0	30	11	8	0	0	0	0	0	11	0	0
JHANSI	0830	251	1018.6	989.6	+2.4	21.2	14.3	8.1	10.8	44	- 7	0.6	-0.2	0.7	0	0	7	00	1	1	0	1	0	4	0	23	0
	1730	251	1012.8	984.7	+0.5	28.0	17.0	7.5	10.4	29	- 3	0.4	-0.4	0.9	0	0	11	03	0	0	0	3	0	5	0	19	0
MORADABAD	0830		..	..	..	15.8	14.1	12.8	14.8	81	..	0.0	..	2.1	0	0	18	00	5	0	0	0	0	0	13	12	0
	1730		..	..	..	26.7	23.1	21.3	25.3	73	..	0.0	..	2.8	0	0	27	00	4	0	0	0	0	0	23	3	0
UTTAR KASHI	0830		..	..	..	8.8	6.7	4.1	8.2	74	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		(R)																								
HARYANA(INCLUDING DELHI AND CHANDIGARH)																											
CHANDIGARH	0830	347	1016.4	975.9	+0.3	17.9	12.2	6.4	9.6	48	-10	1.1	+0.7	0.3	0	0	5	00	0	0	2	0	0	0	3	25	0
	1730	347	1013.6	974.1	+0.9	24.9	15.2	6.1	9.4	30	-11	0.6	+0.1	2.6	0	0	21	00	0	0	1	0	0	2	18	9	0
AMBALA	0830	272	1018.1	986.2	+2.5	15.6	11.8	8.1	10.8	61	- 7	0.1	-0.6	1.5	0	0	23	00	4	0	6	0	3	0	10	7	0
	1730	272	1014.2	983.3	+2.1	24.3	15.3	7.3	10.2	34	- 5	0.0	-0.7	2.1	0	0	30	00	3	0	0	0	0	0	27	0	0
AMBALA P.B.O.	0230	278	1016.1	983.9	..	16.1	13.8	12.2	14.2	78	..	0.2	..	1.9	0	0	13	00	0	1	0	0	0	0	12	17	0
	0530	278	1016.0	983.3	..	14.6	12.6	11.1	13.2	80	..	0.2	..	0.6	0	0	6	00	0	0	2	0	0	0	4	24	0
	1130	278	1017.1	985.4	..	23.6	18.1	14.6	16.6	59	..	0.8	..	5.7	0	1	20	00	0	0	6	0	0	0	15	9	0
	1430	278	1014.4	982.9	..	24.8	18.4	14.7	16.7	56	..	0.8	..	9.5	0	2	24	03	0	0	2	0	0	4	17	4	0
	2030	278	1015.6	983.7	..	19.9	16.0	13.6	15.6	67	..	0.0	..	4.1	0	0	20	00	1	0	0	1	0	1	17	10	0
	2330	278	1016.5	984.1	..	17.3	14.5	12.4	14.4	74	..	0.0	..	4.7	0	0	19	01	0	0	1	0	0	0	17	11	0
AMBALA AERODROME	0530	274	1016.5	983.5	..	8.6	7.7	6.7	9.8	88	..	0.2	..	1.9	0	0	7	00	0	1	0	0	0	2	4	23	0
	0830	274	1017.9	985.4	..	12.9	10.6	8.3	10.9	74	..	1.1	..	3.9	0	0	13	00	1	0	3	0	0	3	6	17	0
	1130	274	1016.8	985.7	..	25.0	16.2	8.6	11.2	36	..	0.9	..	12.2	0	2	25	01	0	1	9	1	2	4	9	3	0
	1730	274	1014.1	982.8	..	22.2	15.6	10.0	12.3	47	..	1.0	..	8.7	0	0	22	00	0	0	1	0	0	13	8	8	0
	2330	274	1017.0	984.4	..	11.6	10.0	8.3	10.9	80	..	0.2	..	3.7	0	0	11	00	0	2	0	0	0	3	6	19	0
KARNAL	0830	249	1017.6	988.3	+1.5	15.7	12.3	9.1	11.5	66	+ 2	0.3	-0.4	2.3	0	0	19	00	2	3	0	0	0	11	3	11	0
	1730	249	1014.0	985.7	+1.0	24.6	16.0	8.4	11.0	37	- 4	0.5	-0.4	2.4	0	0	22	00	0	1	0	0	0	8	13	7	0
HISSAR	0530	221	1016.8	990.5	..	12.3	10.6	8.8	11.3	79	..	0.0	..	2.3	0	0	16	03	0	1	0	2	3	6	1	14	0
	0830	221	1018.3	992.2	+1.9	14.6	11.8	9.0	11.5	69	+ 8	0.8	+0.3	2.5	0	0	20	01	0	1	2	1	6	9	0	10	0
	1130	221	1017.7	992.5	..	25.7	18.7	13.7	15.7	48	..	0.8	..	3.0	0	0	20	02	0	1	2	3	1	8	3	10	0
	1430	221	1015.6	990.2	..	28.8	20.2	14.6	16.6	44	..	1.0	..	5.4	0	0	24	04	1	0	0	1	0	11	7	6	0
	1730	221	1014.6	989.6	+1.9	26.7	19.6	14.8	16.8	49	+12	1.2	+0.5	3.1	0	0	19	07	0	0	1	2	2	3	4	11	0
	2330	221	1017.1	991.2	..	16.2	12.9	9.9	12.2	68	..	0.1	..	3.2	0	0	20	04	1	5	0	0	0	8	2	10	0
NEW DELHI/SAFDARJUNG	0230	216	1016.2	990.7	..	15.4	11.6	7.9	10.7	62	..	0.5	..	4.3	0	0	24	01	1	2	0	1	0	13	6	6	0
	0530	216	1016.3	990.7	..	13.9	10.5	6.8	9.9	62	..	0.5	..	4.7	0	0	27	00	1	1	0	1	6	14	2	3	0
	0830	216	1018.1	992.7	+2.2	16.5	11.5	6.3	9.5	52	+ 4	1.5	+0.7	7.7	0	0	29	00	1	0	2	0	5	17	4	1	0
	1130	216	1017.5	992.8	..	25.1	15.7	7.1	10.1	32	..	1.3	..	9.9	0	1	29	02	0	1	1	1	4	13	8	0	0
	1430	216	1014.5	990.1	..	27.7	16.1	5.1	8.8	24	..	1.2	..	13.0	0	3	27	06	1	0	1	0	0	4	18	0	0
	1730	216	1014.3	989.7	+1.9	25.6	15.9	7.1	10.0	31	+ 0	1.4	+0.4	5.8	0	0	28	01	0	1	0	0	0	3	23	2	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mb. At mean sea level or ht. in gpm. of mean standard isobaric level	Mean pressure in mb. At station level	Mean pressure in mb. Departure from normal	Mean temperature in °C Dry bulb	Mean temperature in °C Wet bulb	Mean temperature in °C Dew point	Vapour pressure in mb.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 0 or zero	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HARYANA (INCLUDING DELHI AND CHANDIGARH) (CONTD.)																											
NEW DELHI/SAFDARJUNG	2030	216	1016.3	991.1	..	18.5	13.5	6.6	11.2	52	..	0.9	..	4.9	0	0	24	01	1	1	0	0	0	7	14	6	0
	2330	216	1016.8	991.4	..	16.7	12.3	7.9	10.7	57	..	0.5	..	4.1	0	0	23	01	0	1	1	0	1	9	10	7	0
PALAM AERODROME	0230	233	1016.4	988.9	..	14.8	10.9	6.7	9.8	59	..	0.3	..	5.1	0	0	18	02	1	2	2	0	7	3	1	12	0
	0530	233	1016.7	988.7	..	12.2	9.4	6.2	9.5	67	..	0.3	..	7.2	0	1	22	00	0	0	2	1	17	3	0	7	0
	0830	233	1016.2	990.9	..	15.5	11.1	6.2	9.5	53	..	1.3	..	8.6	0	1	24	00	0	0	2	1	4	16	2	5	0
	1130	233	1017.5	991.0	..	25.0	15.7	7.4	10.3	33	..	0.9	..	11.2	0	1	27	05	1	0	1	1	2	5	13	2	0
	1430	233	1014.7	988.5	..	27.9	16.3	5.6	9.1	25	..	1.3	..	15.7	0	8	21	07	2	0	1	0	0	0	19	1	0
	1730	233	1014.6	988.1	..	25.1	15.5	6.7	9.8	31	..	1.2	..	8.1	0	0	28	17	2	0	1	0	0	0	13	2	0
	2030	233	1016.1	989.3	..	18.9	13.0	7.3	10.2	47	..	0.8	..	4.0	0	0	18	06	2	0	1	1	0	3	5	12	0
	2330	233	1016.9	989.6	..	16.5	11.6	6.2	9.5	53	..	0.4	..	5.6	0	0	20	03	4	2	2	0	3	4	2	10	0
GURGAON	0630		..	..	..	17.8	12.1	6.2	9.5	47	..	1.1	..	2.8	0	0	17	00	0	0	0	0	5	9	3	12	0
	1730		..	..	..	25.0	15.4	6.7	9.8	31	..	1.2	..	1.4	0	0	13	00	0	0	1	0	0	10	2	14	0
NARNAUL	0830		(R)																								
	1730		(R)																								
ROHTAK	0830		..	..	..	15.5	12.5	9.8	12.1	69	..	1.1	..	6.1	0	0	28	03	2	2	1	1	2	11	5	2	1
	1730		..	..	..	24.5	15.6	7.6	10.4	35	..	0.2	..	7.0	0	0	29	03	0	1	0	0	4	16	5	1	0
PUNJAB																											
PATHANKOT	0530	312	1017.2	980.1	..	10.7	8.9	7.0	10.0	78	..	0.8	..	2.8	0	1	7	03	4	0	1	0	0	0	0	22	0
	0830	312	1018.3	981.5	+1.8	14.5	11.0	7.4	10.3	62	+ 2	1.3	-0.6	3.7	0	1	9	04	5	1	0	0	0	0	0	20	0
	1130	312	1017.7	982.1	..	23.9	15.1	7.0	10.0	34	..	1.6	..	5.4	0	1	15	00	4	6	0	5	0	0	1	14	0
	1730	312	1014.8	979.3	+1.0	22.9	15.4	8.8	11.3	41	- 8	1.5	-1.1	3.4	0	0	15	01	0	1	0	0	5	7	1	15	0
	2330	312	1017.9	981.1	..	12.2	10.2	8.2	10.9	76	..	0.6	..	0.8	0	0	3	01	2	0	0	0	0	0	0	27	0
AMRITSAR	0530	234	1017.3	989.1	..	9.9	8.8	7.5	10.4	85	..	0.8	..	7.7	0	0	28	05	4	3	0	0	2	5	9	2	0
	0830	234	1018.7	990.8	+1.8	12.5	10.6	8.9	11.4	79	+ 0	1.2	+0.2	6.4	0	1	23	02	2	4	1	0	4	3	8	6	0
	1130	234	1016.3	991.4	..	23.2	15.4	8.7	11.2	40	..	1.0	..	10.8	0	4	22	02	0	1	0	1	1	6	15	4	0
	1430	234	1015.6	989.1	..	26.3	15.9	6.2	9.5	28	..	1.2	..	15.9	0	8	21	02	0	0	1	0	1	10	15	1	0
	1730	234	1015.3	988.5	+1.7	22.5	15.3	9.1	11.6	43	- 2	0.9	-0.6	10.3	0	1	28	01	0	1	0	0	0	14	13	1	0
	2030	234	1017.3	989.7	..	15.2	12.2	9.3	11.7	68	..	0.7	..	9.9	0	0	27	03	0	0	0	0	1	10	13	3	0
ADAMPUR AERODROME	0830	249	1018.3	988.7	..	12.1	9.9	7.5	10.4	74	..	1.5	..	2.9	0	0	9	02	1	1	1	0	0	1	3	21	0
	1730	249	1015.3	986.6	..	21.5	14.0	7.3	10.2	41	..	1.3	..	9.2	0	0	26	01	0	1	0	0	0	2	22	4	0
LUDHIANA	0830	247	1018.4	989.3	+2.0	14.9	11.6	8.3	10.9	65	+ 1	0.6	-0.2	1.5	0	0	12	00	2	0	2	0	0	0	8	18	0
	1730	247	1014.9	986.7	+1.9	23.4	16.3	10.4	12.6	44	+ 5	0.5	-0.5	1.5	0	0	10	01	0	0	1	0	0	0	8	20	0
FEROZEPUR	0830	200	1019.4	995.7	+2.9	14.5	12.5	10.6	12.8	78	- 1	0.3	-0.7	0.7	0	0	7	01	0	0	1	0	0	0	5	23	0
	1730	200	1016.4	993.5	+3.2	25.3	17.8	12.3	14.3	45	- 5	0.2	-1.1	2.1	0	0	26	06	2	0	0	0	0	0	18	4	0
HALWARA AERODROME	0530	242	1017.2	988.1	..	8.4	7.6	6.6	9.7	89	..	0.2	..	6.6	0	1	17	08	2	0	0	0	0	1	7	12	0
	0830	242	1018.2	989.6	..	13.9	11.6	9.2	11.6	74	..	1.3	..	7.4	0	1	20	03	0	3	1	0	0	4	10	9	0
	1130	242	1017.5	990.0	..	25.3	15.7	6.9	9.9	32	..	0.8	..	14.7	0	3	26	08	0	2	3	1	2	3	10	1	0
	1730	242	1015.0	987.1	..	22.6	14.7	7.5	10.4	38	..	0.9	..	11.4	0	0	29	07	0	0	0	1	0	4	22	1	0
	2330	242	1017.7	988.9	..	11.5	9.6	7.7	10.5	78	..	0.3	..	8.5	0	0	24	06	0	0	0	1	0	3	14	6	0
PATIALA	0830	251	1017.8	988.2	+1.4	13.9	11.6	9.3	11.7	73	+11	1.1	+0.0	3.2	0	0	12	05	0	0	0	0	0	0	7	18	0
	1730	251	1014.7	986.1	+1.5	23.2	15.4	9.8	11.4	43	- 2	0.8	-0.5	2.8	0	0	8	02	0	0	0	0	0	0	6	22	0
BHATINDA	0830	211	1018.1	993.5	..	22.0	14.1	8.6	11.2	50	-17	0.2	-0.6	0.7	0	0	6	00	0	0	4	0	1	0	1	24	0
	1730	211	1014.5	990.4	..	25.4	16.7	9.4	11.8	39	-13	0.0	-1.0	0.1	0	0	2	00	0	0	0	0	0	0	2	28	0
HIMACHAL PRADESH																											
MANDI	0830	761	1022.3	933.3	+2.1	8.0	7.1	6.1	9.4	88	- 5	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	761	1016.1	930.9	+4.5	19.1	13.5	8.7	11.2	51	-11	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BILASPUR	0830	587	1020.2	951.5	-9.9	10.6	9.8	8.9	11.4	87	- 5	1.0	-4.3	0.6	0	0	5	00	3	0	1	0	0	0	1	25	0
	1730	587	1014.4	948.6	+0.7	21.9	16.6	12.8	14.8	57	+ 7	0.5	-1.6	1.9	0	0	24	01	19	2	2	0	0	0	0	6	0
JAMMU AND KASHMIR																											
MISGAR	0830		(R)																								
	1730		(R)																								
GILGIT	0830		(R)																								
	1730		(R)																								
SKARDU	0830		(R)																								
	1730		(R)																								
LEH	0530	3514	3163.3	669.5	..	- 8.9	-11.4	-19.3	1.1	43	..	2.3	..	4.3	0	0	22	00	22	0	0	0	0	0	0	7	0
	0830	3514	3164.1	670.3	+1.7	- 1.3	- 4.3	-10.3	2.6	48	+ 3	2.3	-0.3	1.3	0	0	9	00	3	0	0	6	0	0	0	20	0
	1730	3514	3119.5	667.5	+1.4	3.2	- 0.5	- 5.9	3.7	55	+21	3.7	+0.6	4.3	0	0	24	00	0	0	0	9	12	3	0	6	0
SRINAGAR	0230	1587	1560.6	847.5	..	2.8	2.3	2.0	7.1	91	..	1.1	..	1.1	0	0	12	00	0	0	5	0	0	0	7	18	0
	0530	1587	1560.9	847.4	..	1.8	1.5	1.1	6.6	95	..	2.9	..	2.5	0	0	24	00	1	0	12	0	0	1	10	6	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or M. in gram. of mercury standard barometric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
JAMMU AND KASHMIR (CONTD.)																											
SRINAGAR	0830	1587	1573.5	848.8	+2.3	3.0	2.5	2.0	7.1	93	+ 8	3.8	+1.0	1.9	0	0	21	02	3	1	10	0	0	0	5	9	0
	1130	1587	1569.4	848.5	..	8.8	6.1	2.9	7.5	70	..	2.3	..	2.0	0	0	21	00	0	1	7	0	1	1	11	9	0
	1430	1587	1552.0	846.6	..	11.3	7.3	2.5	7.3	53	..	3.1	..	2.0	0	0	19	00	2	1	1	0	0	1	14	11	0
	1730	1587	1547.0	846.1	+2.6	9.5	6.6	3.4	7.8	66	+12	2.6	-0.3	2.0	0	0	19	00	1	0	2	0	1	2	13	11	0
	2030	1587	1559.1	847.2	..	3.8	3.0	2.0	7.1	88	..	1.8	..	1.2	0	0	13	00	0	0	4	0	0	0	9	17	0
	2330	1587	1560.9	847.6	..	3.7	2.9	2.3	7.2	90	..	1.6	..	1.2	0	0	11	00	0	0	2	0	0	0	9	19	0
SRINAGAR AERODROME	0530	1666	1564.4	839.4	..	1.9	1.0	- 0.3	6.0	85	..	3.0	..	0.7	0	0	3	01	0	1	0	0	0	1	0	27	0
	0830	1666	1575.6	840.6	..	3.5	2.4	1.0	6.6	83	..	3.8	..	1.4	0	0	8	02	0	0	0	1	2	0	1	22	2
	1130	1666	1578.4	841.1	..	8.4	5.4	2.0	7.1	65	..	3.5	..	4.9	0	0	21	04	5	5	0	1	0	0	1	9	5
	1730	1666	1550.0	838.2	..	9.4	6.0	2.3	7.2	63	..	2.8	..	4.8	0	1	15	08	0	2	0	1	0	1	4	14	0
	2330	1666	1566.6	839.6	..	3.4	2.1	0.3	6.2	80	..	1.9	..	4.8	0	0	17	05	0	2	0	0	3	5	2	13	0
GULMARG	0830		(R)																								
	1730		(R)																								
OAZIGUND	0830		..	..	..	2.8	1.8	1.1	6.6	86	..	3.6	..	1.9	0	0	13	00	0	6	1	4	0	2	0	17	0
	1730		..	..	..	9.9	7.2	4.6	8.5	71	..	2.2	..	2.5	0	0	15	00	0	0	0	2	0	12	1	15	0
BANIHAL	0830	1630	1553.2	842.2	..	6.5	3.7	0.2	6.2	62	..	1.1	..	2.0	0	0	9	09	0	0	0	0	0	0	0	21	0
	1730	1630	1527.3	839.8	..	12.0	6.9	1.2	6.7	48	..	1.3	..	3.2	0	0	14	10	0	0	0	3	0	1	0	16	0
JAMMU	0830	366	1016.3	973.3	..	14.2	10.0	5.3	9.3	55	+ 7	1.2	-0.3	7.0	0	0	30	00	25	1	1	1	0	0	2	0	0
	1730	366	1015.9	974.6	..	25.8	16.4	8.3	11.1	34	..	1.2	..	0.7	0	0	6	00	6	0	0	0	0	0	0	17	0
JAMMU AERODROME	0530	292	1017.1	982.1	..	12.9	9.5	5.9	9.3	81	..	0.5	..	2.7	0	0	9	01	7	0	1	0	0	0	0	21	0
	0830	292	1018.2	983.7	..	14.6	10.3	5.2	8.8	53	..	1.3	..	7.2	0	1	22	07	18	1	1	0	0	0	1	7	0
	1130	292	1017.8	984.6	..	23.6	14.5	5.6	9.1	31	..	1.8	..	4.4	0	1	13	01	1	0	2	3	2	3	2	16	0
	1730	292	1015.3	981.6	..	21.9	15.1	9.0	11.5	45	..	1.4	..	1.9	0	1	4	01	0	0	0	0	2	2	0	25	0
	2330	292	1017.6	983.3	..	14.3	10.7	6.6	9.7	62	..	0.5	..	4.1	0	0	16	02	14	0	0	0	0	0	0	14	0
GULMARG (RESEARCH INSTITUTE)	0830		..	..	..	- 1.1	- 2.6	- 4.9	4.1	72	..	3.5	..	2.4	0	0	24	02	0	9	0	1	0	11	1	6	0
	1130		..	..	..	3.7	1.3	- 2.4	5.0	68	..	3.5	..	3.0	0	0	30	04	4	5	2	1	1	11	2	0	0
	1730		..	..	..	1.3	- 0.4	- 2.6	4.9	75	..	4.1	..	2.8	0	0	29	00	1	2	0	1	0	17	8	1	0
RAJASTHAN, WEST																											
GANGANAGAR	0530	177	1016.9	995.8	..	12.1	9.9	7.5	10.4	74	..	0.3	..	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	0830	177	1018.5	997.5	+2.3	13.6	10.4	7.1	10.1	66	+ 7	0.6	+0.0	0.1	0	0	2	00	0	2	0	0	0	0	0	28	0
	1130	177	1018.1	997.8	..	25.2	15.7	7.4	10.3	33	..	0.3	..	0.5	0	0	4	00	1	1	1	0	0	0	1	26	0
	1730	177	1014.9	994.8	+2.4	26.0	17.2	10.2	12.4	38	+ 3	0.5	-0.2	0.1	0	0	2	00	0	1	0	0	0	0	1	28	0
	2330	177	1017.4	996.6	..	14.9	11.6	8.3	10.9	65	..	0.0	..	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
ANUPGARH	0830																										
	1730																										
CHURU	0830	291	1019.0	984.7	+1.1	14.9	10.5	5.6	9.1	54	- 7	0.6	-0.4	1.8	0	0	11	00	0	1	0	5	4	0	1	19	0
	1730	291	1014.7	981.9	+1.0	27.4	17.9	10.3	12.5	35	+ 0	1.1	-0.2	4.1	0	0	27	16	3	0	0	0	0	3	5	3	0
BIKANER	0830	224	1018.3	992.0	+2.2	16.7	10.0	1.8	6.9	37	-12	0.8	+0.3	1.9	0	0	15	01	0	4	3	4	3	0	0	15	0
	1730	224	1014.4	989.2	+1.7	28.1	16.2	4.7	8.5	23	- 8	1.2	+0.7	2.6	0	0	22	04	6	0	0	0	2	1	9	8	0
BIKANER P.B.O.	0530	224	1016.9	990.2	..	12.5	7.9	2.0	7.1	49	..	0.4	..	0.3	0	0	3	00	0	0	0	3	0	0	0	27	0
	1130	224	1017.5	992.2	..	27.5	14.9	1.2	6.7	19	..	0.8	..	3.9	0	0	26	00	4	4	7	4	4	2	1	4	0
	1430	224	1014.6	989.5	..	30.0	15.8	0.8	6.5	16	..	1.0	..	4.0	0	0	26	06	6	0	2	0	4	4	4	4	0
	2030	224	1016.7	990.7	..	21.0	12.8	5.2	8.8	38	..	0.5	..	0.6	0	0	4	03	0	0	0	0	0	0	1	26	0
	2330	224	1017.3	990.7	..	16.6	10.5	3.4	7.8	41	..	0.2	..	0.5	0	0	3	01	2	0	0	0	0	0	0	27	0
NAGAUR	0830	298	1018.3	983.7	+1.5	20.6	14.4	9.5	11.9	52	+ 5	0.8	-0.3	3.5	0	0	25	04	5	5	3	4	2	0	2	5	0
	1730	298	1013.8	980.5	+2.2	28.2	22.0	18.3	21.0	56	+19	1.4	+0.1	6.0	0	0	30	10	5	1	0	1	1	2	10	0	0
PHALODI	0830	234	1017.9	990.8	+2.3	18.8	11.3	2.5	7.3	34	-19	0.7	+0.0	5.1	0	0	28	01	1	9	8	5	2	1	1	2	0
	1730	234	1014.7	988.8	+2.4	29.8	17.5	6.9	9.9	24	-13	1.4	+0.5	7.1	0	0	30	03	2	4	2	5	3	5	6	0	0
JAISALMER	0830	242	1017.1	989.1	+1.2	17.3	11.3	4.6	8.5	43	- 9	.	..	3.4	0	1	17	03	5	2	4	1	1	1	1	12	0
	1730	242	1013.4	986.0	+1.1	29.9	18.2	8.6	11.1	27	-12	.	..	7.1	0	1	27	04	5	0	0	0	6	1	10	2	0
JODHPUR	0230	224	1016.0	989.9	+5.0	19.2	11.6	2.5	7.3	34	- 5	0.4	-0.3	8.8	0	0	29	14	12	1	1	0	1	0	0	1	0
	0530	224	1016.1	989.9	..	17.1	10.4	1.8	6.9	36	..	0.5	..	8.7	0	1	26	08	18	0	0	0	1	0	0	3	0
	0830	224	1017.9	991.8	+1.9	18.5	11.3	3.1	7.6	36	- 2	1.1	+0.2	7.9	0	1	24	07	17	1	0	0	0	0	0	5	0
	1130	224	1017.1	991.9	..	30.0	16.6	3.4	7.8	20	..	1.0	..	9.6	0	2	27	01	12	7	1	2	3	3	0	1	0
	1430	224	1013.9	989.1	..	32.4	17.3	1.7	6.9	15	..	1.4	..	9.9	0	1	29	04	5	3	3	0	0	7	3	5	0
	1730	224	1013.8	988.7	+1.8	29.7	17.1	5.2	8.8	23	+ 1	1.3	+0.2	7.0	0	0	26	08	11	0	0	0	2	2	3	4	0
	2030	224	1016.0	990.3	..	23.6	14.2	4.6	8.5	30	..	1.1	..	8.9	0	0	30	12	10	1	0	1	0	4	2	0	0
	2330	224	1016.7	990.8	..	21.1	12.6	3.1	7.6	31	..	0.6	..	9.7	0	0	29	11	13	0	0	0	1	1	3	1	0
BARMER	0530	194	1014.9	992.2	..	19.1	14.3	10.1	12.3	56	..	0.2	..	2.3	0	0	14	01	1	0	0	0	0	2	10	16	0
	0830	194	1016.8	994.2	+1.4	20.4	14.7	9.7	12.0	51	+ 5	0.7	-0.2	2.3	0	0	20	07	2	0	1	2	0	0	13	10	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or 1 km in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
RAJASTHAN WEST (CONTD)																											
BARMER	1130	194	1016.5	994.6	..	28.9	19.3	12.6	14.6	37	..	1.3	..	2.9	0	0	23	03	7	3	5	1	2	0	2	7	0
	1730	194	1013.0	991.3	+1.5	30.6	21.6	16.0	18.2	42	+13	1.4	+0.3	2.9	0	0	21	05	6	1	2	2	0	2	3	9	0
	2330	194	1015.5	993.2	..	23.3	17.8	13.5	15.5	55	..	0.1	..	2.7	0	0	19	00	0	0	0	0	4	2	13	11	0
JAWAI BANDH	0830	295	1017.5	982.7	+0.6	18.6	14.3	10.7	12.8	62	- 8	0.6	-0.7	1.5	0	0	16	03	0	1	0	10	2	0	0	14	0
	1730	295	1014.2	980.7	+1.5	25.6	17.5	11.9	13.9	43	+ 0	1.1	-0.3	1.4	0	0	20	12	0	0	0	4	2	2	0	10	0
JALORE	0830		..	..	..	19.7	12.8	5.7	9.1	37	..	.	..	2.9	0	0	27	09	4	1	5	2	0	1	11	3	0
	1730		..	..	..	30.5	19.1	9.3	11.7	32	..	.	..	3.5	0	0	26	04	5	2	1	0	0	1	13	4	0
RAJASTHAN, EAST																											
PILANI	0830	301	1018.9	983.5	+1.5	14.2	9.5	2.4	7.3	51	- 1	1.0	+0.5	5.9	0	0	25	00	1	0	3	10	9	2	0	5	0
	1730	301	1014.8	981.0	+1.0	27.4	15.3	2.3	7.2	21	-14	1.1	+0.3	8.4	0	0	30	10	2	0	0	0	1	4	13	0	0
SIKAR	0830	433	1018.5	968.1	+1.2	14.8	10.4	4.6	8.5	53	-11	0.1	-0.6	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	1730	433	1013.2	965.2	+0.8	27.4	15.6	4.1	8.2	23	-30	0.5	-0.5	0.4	0	0	6	00	0	0	0	0	0	4	2	24	0
ALWAR	0830	271	1017.7	985.9	+0.8	16.5	13.3	10.4	12.6	67	- 9	0.9	+0.0	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	1730	271	1013.6	982.9	+0.2	25.8	18.3	13.0	15.0	46	- 5	1.2	+0.0	1.0	0	0	15	06	1	0	0	0	1	1	6	15	0
JAIPUR(SANGANER)	0230	390	1016.2	970.8	..	16.0	10.5	4.4	8.4	47	..	0.3	..	3.7	0	0	22	07	7	2	0	0	0	1	5	8	0
	0530	390	1016.6	970.9	..	13.9	9.6	4.7	8.5	54	..	0.4	..	2.9	0	0	19	08	7	0	0	0	0	0	4	11	0
	0830	390	1017.7	972.8	+1.5	19.5	12.7	5.9	9.3	42	- 6	1.0	+0.3	1.3	0	0	9	00	4	2	0	0	0	1	2	21	0
	1130	390	1016.7	973.0	..	27.4	15.2	2.5	7.3	20	..	0.9	..	4.3	0	0	24	02	4	6	5	3	1	1	2	6	0
	1430	390	1013.5	970.3	..	29.4	15.6	0.9	6.5	16	..	1.2	..	7.7	0	1	28	04	1	1	3	2	3	6	9	1	0
	1730	390	1013.8	970.0	+1.4	25.8	14.9	3.9	8.1	25	- 5	1.4	+0.4	3.1	0	0	20	04	0	0	0	1	2	2	11	10	0
	2030	390	1016.2	971.4	..	19.5	12.4	4.8	8.7	38	..	0.8	..	3.7	0	0	24	09	4	1	0	0	0	0	10	6	0
	2330	390	1016.7	971.6	..	17.6	11.3	4.2	8.2	42	..	0.7	..	2.9	0	0	21	09	7	1	0	0	0	1	3	9	0
DHOLPUR	0830	176	1017.8	997.3	+1.0	19.0	13.3	7.9	10.7	49	-14	0.4	-0.6	0.6	0	0	7	00	0	0	0	2	0	5	0	23	0
	1730	176	1013.5	993.7	+0.8	27.9	17.1	7.9	10.7	29	-19	0.4	-0.9	0.2	0	0	2	00	0	0	0	1	1	0	0	28	0
AJMER	0830	486	1018.8	962.7	+1.8	16.5	11.4	6.7	9.8	53	- 1	0.7	+0.0	0.4	0	0	4	00	1	0	0	0	0	1	2	26	0
	1730	486	1013.8	959.9	+1.8	26.6	14.6	3.6	7.9	23	- 5	1.2	+0.2	2.9	0	0	20	08	5	0	0	0	1	2	4	10	0
TONK	0830	272	1017.9	986.0	+1.8	16.2	10.9	5.1	8.8	48	-24	1.0	-0.5	2.7	0	0	29	01	0	1	2	0	0	9	16	1	0
	1730	272	1013.0	982.3	+0.9	26.3	15.8	6.1	9.4	27	-27	1.2	-0.7	2.4	0	0	26	06	2	1	0	0	1	12	4	4	0
BHILWARA	0830	425	1018.6	969.3	..	17.1	11.3	4.8	8.6	45	..	1.3	..	1.3	0	0	15	03	3	0	0	0	2	0	7	15	0
	1730	425	1013.4	966.3	..	28.0	15.3	2.1	7.1	19	..	1.6	..	2.3	0	0	19	02	10	0	0	1	4	0	2	11	0
KOTA	0830	257	1017.9	988.0	+1.4	18.7	13.3	8.3	10.9	51	+ 0	1.3	+0.3	0.1	0	0	1	00	0	0	0	0	0	0	1	29	0
	1730	257	1013.9	985.1	+1.8	28.3	16.9	7.1	10.1	27	- 2	1.1	+0.0	0.1	0	0	1	01	0	0	0	0	0	0	0	29	0
KOTA AERODROME	0530	274	1016.3	984.3	..	15.9	10.5	4.7	8.2	46	..	0.0	..	3.4	0	0	22	02	2	0	1	1	10	5	1	8	0
	0830	274	1018.0	986.4	..	20.3	12.4	3.9	8.1	35	..	0.8	..	3.1	0	0	17	00	0	1	0	1	2	12	1	13	0
	1130	274	1017.3	986.4	..	27.0	15.3	3.5	7.9	23	..	0.7	..	6.9	0	0	29	06	4	14	1	0	0	2	2	1	0
	1730	274	1014.1	983.3	..	27.8	15.4	2.6	7.4	20	..	1.5	..	3.9	0	0	20	07	9	3	0	0	0	0	1	10	0
	2330	274	1016.7	985.0	..	19.3	11.3	2.1	7.1	32	..	0.1	..	7.1	0	0	30	01	5	9	2	4	8	1	0	0	0
CHAMBAL (RAWAT BHATTA DAM)	0830	351	1016.9	976.2	-0.5	16.9	12.4	8.4	11.0	57	-11	0.5	-0.6	0.1	0	0	1	00	1	0	0	0	0	0	0	29	0
	1730	351	1011.9	973.1	-0.2	28.1	17.1	8.1	10.8	30	- 6	0.9	-0.7	2.4	0	0	27	00	18	0	0	0	0	0	9	3	0
UDAIPUR	0230	582	1017.7	950.6	..	14.2	11.4	8.8	11.3	70	..	0.1	..	0.1	0	0	1	01	0	0	0	0	0	0	0	29	0
	0530	582	1018.0	950.5	..	12.8	10.5	8.4	11.0	75	..	0.1	..	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	0830	582	1018.8	952.4	+1.7	17.6	13.1	9.5	11.9	59	+ 2	0.9	+0.0	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	1130	582	1016.5	952.3	..	27.6	17.5	10.3	12.5	35	..	0.9	..	2.7	0	0	17	01	5	4	3	0	3	0	0	13	1
	1730	582	1013.5	949.3	+1.5	26.3	17.4	11.1	13.2	39	+ 0	1.3	+0.0	1.3	0	0	11	00	4	2	3	0	0	1	1	19	0
	2330	582	1018.1	951.3	..	15.8	12.6	9.9	12.2	68	..	0.1	..	0.2	0	0	2	00	0	1	0	0	0	0	1	28	0
JHALAWAR	0830	321	1018.7	981.6	+2.7	18.6	11.9	4.5	8.4	40	-20	0.3	-0.7	0.1	0	0	1	00	1	0	0	0	0	0	0	29	0
	1730	321	1013.0	977.3	+1.6	28.5	15.2	1.1	6.6	17	-13	1.3	+0.3	2.6	0	0	17	07	8	0	0	0	0	1	1	13	0
BANSWARA	0830	220	..	..	..	20.5	14.5	9.1	11.5	49	..	0.0	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		(R)																								
DUNGARPUR	0830		..	..	..	19.8	14.6	10.2	12.4	52	..	1.6	..	0.1	0	0	1	00	0	0	0	0	0	1	0	29	0
	1730		..	..	..	29.5	21.3	15.3	17.4	47	..	1.3	..	0.4	0	0	6	00	0	1	3	0	0	0	2	24	0
MADHYA PRADESH, WEST																											
GWALIOR	0230	207	1016.2	991.6	..	12.7	10.1	7.5	10.4	71	..	0.3	..	1.5	0	0	14	00	0	0	5	7	2	0	0	16	0
	0530	207	1016.6	991.9	..	11.5	9.3	7.0	9.9	75	..	0.3	..	2.0	0	0	20	00	0	1	11	6	2	0	0	10	0
	0830	207	1017.9	993.9	+1.9	19.4	13.7	8.5	11.1	50	- 3	1.0	+0.1	2.0	0	0	15	02	0	0	2	7	1	0	3	15	0
	1130	207	1017.0	993.6	..	27.5	16.8	7.5	10.5	29	..	1.2	..	4.7	0	0	29	08	3	0	1	3	2	2	10	1	0
	1430	207	1014.1	990.9	..	29.1	17.1	6.7	9.8	25	..	1.3	..	7.5	0	0	30	11	4	0	0	0	0	0	15	0	0
	1730	207	1014.4	990.8	+1.8	25.3	17.1	10.6	12.9	40	+ 3	1.6	+0.5	2.6	0	0	21	06	4	0	0	0	0	1	10	9	0
	2030	207	1016.6	992.3	..	17.0	12.7	8.7	11.2	59	..	0.6	..	1.7	0	0	15	02	0	0	2	8	1	2	0	15	0
	2330	207	1016.9	992.4	..	14.3	11.0	7.7	10.5	63	..	0.3	..	2.4	0	0	22	00	0	0	4	15	3	0	0	8	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH, WEST (CONTD)																											
SHEOPUR	0830	235	1018.9	990.8	+1.5	16.1	11.9	7.7	10.5	58	+ 0	1.1	+0.1	3.0	0	0	21	02	1	0	4	12	0	2	0	9	0
	1730	235	1014.1	987.7	+1.7	27.7	17.1	8.2	10.9	29	-10	1.3	+0.1	3.4	0	0	28	08	6	0	1	1	1	0	11	2	0
SHIVPURI	0830	464	1018.1	965.0	..	19.2	13.0	7.7	10.5	48	..	0.7	..	1.3	0	0	12	01	0	1	0	3	6	0	1	18	0
	1730	464	1014.0	962.0	..	24.5	14.9	6.3	9.9	33	..	1.4	..	3.1	0	0	22	08	1	3	1	0	1	1	7	8	0
NOWGONG	0830	229	1018.6	991.8	+1.9	16.5	12.5	8.8	11.2	61	- 8	1.0	+0.0	2.1	0	0	22	00	0	0	1	5	15	0	1	8	0
	1730	229	1014.5	988.7	+2.0	26.2	17.4	10.4	12.8	38	- 2	0.8	-0.3	0.9	0	0	14	03	6	1	0	0	0	0	4	16	0
GUNA	0530	478	1017.9	961.7	..	10.9	8.3	5.6	9.1	70	..	0.3	..	2.6	0	0	17	01	0	4	5	4	0	3	0	13	0
	0830	478	1017.9	963.4	+1.7	20.2	13.9	8.8	11.2	48	-12	0.6	-0.4	4.3	0	0	27	06	2	6	3	6	0	4	0	3	0
	1130	478	1016.6	963.5	..	27.6	17.1	9.9	11.9	33	..	1.2	..	7.4	0	2	28	07	2	13	1	4	0	2	1	0	0
	1430	478	1013.5	960.7	..	28.8	17.6	9.4	11.9	30	..	1.4	..	[illegible].7	0	1	28	12	2	2	3	2	3	3	2	1	0
	1730	478	1013.9	960.6	+1.8	25.8	16.7	10.1	12.3	38	+ 3	1.4	+0.3	4.0	0	0	26	10	6	2	0	0	1	3	4	4	0
	2330	478	1018.0	962.3	..	14.0	10.1	6.3	9.5	60	..	0.3	..	1.5	0	0	8	00	0	3	1	0	1	3	0	22	0
NIMACH	0830	496	1018.5	961.9	+2.0	19.7	11.7	3.7	8.0	35	- 9	1.2	-0.1	1.1	0	0	12	01	10	1	0	0	0	0	0	18	0
	1730	496	1014.0	959.1	+1.8	27.8	14.6	1.7	7.1	19	- 8	1.3	-0.3	4.1	0	0	26	02	14	8	0	0	0	1	0	4	1
RAJGARH	0830	382	1018.7	974.2	+1.5	16.0	11.6	7.2	10.1	56	- 6	0.2	-1.2	1.4	0	0	13	01	0	0	4	8	0	0	0	17	0
	1730	382	1013.3	970.8	+1.2	28.1	16.9	7.1	10.1	27	-10	1.3	-0.3	6.9	0	0	30	12	4	6	1	0	1	0	6	0	0
SAGAR	0830	551	1017.2	955.3	+2.1	22.4	18.2	15.7	17.8	66	+23	0.2	-1.2	5.8	0	0	28	00	6	0	0	0	6	11	5	2	0
	1730	551	1013.5	952.9	+2.4	27.6	21.1	17.5	20.2	55	+21	0.1	-1.5	8.5	0	0	30	01	8	9	0	0	1	6	5	0	0
RATLAM	0830	486	1017.5	962.5	+2.0	21.4	16.7	13.5	15.6	61	+ 9	1.7	+0.1	6.1	0	0	26	02	11	11	2	0	0	0	0	4	0
	1730	486	1013.1	959.3	+1.9	27.6	22.1	19.1	22.7	61	+26	1.7	-0.5	[illegible].6	0	0	29	00	13	14	0	0	0	1	1	1	0
BHOPAL (BAIRAGARH)	0230	523	1016.1	956.1	..	16.5	11.5	6.9	9.9	54	..	0.8	..	2.1	0	0	13	04	4	3	0	1	0	0	1	17	0
	0530	523	1016.7	956.3	..	15.0	10.3	5.4	9.1	53	..	0.7	..	2.1	0	0	13	05	4	3	0	1	0	0	0	17	0
	0830	523	1017.7	958.4	+1.6	20.7	13.5	7.2	10.2	42	-11	2.2	+0.9	3.8	0	0	17	03	4	5	3	1	0	1	0	13	0
	1130	523	1016.1	958.1	..	26.9	16.3	8.0	10.8	31	..	2.3	..	9.8	0	0	28	03	7	11	5	1	0	1	0	2	0
	1430	523	1013.0	955.4	..	28.4	16.7	7.6	10.5	27	..	1.9	..	9.0	0	1	25	07	11	4	1	1	2	0	0	4	0
	1730	523	1013.4	955.4	+1.7	26.2	15.8	7.3	10.4	30	- 3	2.2	+0.7	5.9	0	0	28	06	17	3	0	1	0	0	1	2	0
	2030	523	1016.3	957.1	..	21.1	13.5	6.8	9.9	40	..	1.4	..	3.1	0	0	18	03	8	7	0	0	0	0	0	12	0
	2330	523	1016.8	957.0	..	18.2	12.2	6.6	9.9	47	..	0.9	..	4.4	0	0	21	04	8	4	3	1	0	0	1	9	0
UJJAIN	0830	489	1018.8	962.1	..	15.4	11.7	8.6	11.1	64	..	2.9	..	0.1	0	0	1	00	0	0	0	0	0	1	0	29	0
	1730	489	1013.3	959.0	..	26.6	15.8	7.0	10.1	29	..	2.1	..	4.9	0	0	29	02	18	9	0	0	0	0	0	1	0
NARSINGHPUR	0830	356	1018.6	977.0	..	15.3	11.8	8.4	11.0	63	..	1.5	..	0.6	0	0	9	03	4	0	1	0	1	0	0	21	0
	1730	356	1013.2	973.4	..	27.0	17.0	8.8	11.2	32	..	2.0	..	0.2	0	0	3	00	2	0	0	0	0	0	1	27	0
HOSHANGABAD	0830	302	1018.1	983.0	+1.8	18.1	13.3	8.8	11.4	55	- 9	1.4	-0.2	2.0	0	0	30	00	0	0	0	0	20	10	0	0	0
	1730	302	1013.9	980.0	+2.3	26.8	16.6	7.7	10.7	31	- 7	0.3	-1.5	2.0	0	0	30	00	6	0	9	0	12	1	2	0	0
INDORE	0530	567	1016.6	951.1	..	14.1	9.8	5.6	9.0	57	..	0.6	..	3.7	0	0	18	00	2	9	1	6	0	0	0	12	0
	0830	567	1017.7	953.2	+1.9	19.0	12.3	6.2	9.4	44	-10	1.9	+0.4	3.8	0	0	18	00	2	10	0	4	1	1	0	12	0
	1130	567	1015.8	953.1	..	27.0	15.1	4.5	8.5	24	..	1.4	..	9.1	0	0	30	01	5	17	2	3	0	0	0	0	2
	1730	567	1012.7	950.1	+1.7	26.5	14.9	4.4	8.5	25	- 7	1.5	-0.4	[illegible].7	0	0	29	02	11	16	0	0	0	0	0	1	0
	2330	567	1016.9	952.1	..	17.3	11.4	5.7	9.2	47	..	0.6	..	4.5	0	0	20	00	1	13	0	5	0	1	0	10	0
RAJPUR (JHABUA)	0830	293	1018.0	984.1	+1.4	19.2	12.7	6.4	9.5	44	-19	1.4	-0.9	0.3	0	0	3	00	0	2	0	0	0	1	0	27	0
	1730	293	1012.8	980.4	+1.4	30.0	16.9	4.6	8.7	21	-14	2.1	+0.0	0.1	0	0	2	00	1	0	0	0	0	1	0	28	0
CHHINDWARA	0830	685	1017.8	940.4	+1.6	18.7	13.4	8.8	11.5	54	- 4	1.5	+0.0	2.5	0	0	20	02	5	5	1	0	0	6	1	10	0
	1730	685	1012.5	937.2	+1.3	25.3	15.5	7.3	10.5	33	- 2	2.7	+0.8	2.5	0	0	24	04	9	3	0	2	0	1	5	6	0
SEONI	0830	619	1017.8	947.7	+2.1	18.6	13.4	8.6	11.6	52	- 5	1.5	-0.2	2.5	0	0	17	03	5	0	0	0	1	1	7	13	0
	1730	619	1012.9	944.7	+1.9	25.4	15.7	7.9	10.8	33	- 9	1.8	-0.1	7.4	0	0	30	10	3	9	3	3	1	0	1	0	0
BETUL	0830	653	1017.7	944.0	+1.4	19.4	13.5	8.4	11.2	50	- 6	2.1	+0.4	2.7	0	0	22	01	7	8	5	0	1	0	0	8	0
	1730	653	1013.1	940.9	+1.5	24.1	15.2	7.9	10.8	36	- 6	2.2	+0.1	3.5	0	0	30	16	10	2	0	0	0	1	1	0	0
KHANDWA	0830	318	1017.9	980.8	+2.1	16.9	12.0	7.2	10.1	53	- 5	1.2	-0.4	0.3	0	0	5	00	2	3	0	0	0	0	0	25	0
	1730	318	1012.3	976.9	+1.7	29.3	17.4	7.3	10.2	25	-10	1.1	-0.7	3.8	0	0	28	10	12	4	1	1	0	0	0	2	0
TIKAMGARH	0830	346	1018.7	978.1	..	14.5	12.2	10.0	12.3	75	..	0.8	..	4.1	0	0	29	06	1	0	4	4	11	2	1	1	0
	1730	346	1014.6	975.7	..	26.3	22.6	20.7	24.4	73	..	0.7	..	3.9	0	0	29	07	0	1	2	9	7	3	0	1	0
MADHYA PRADESH, EAST																											
SATNA	0530	317	1016.7	979.3	..	12.8	10.0	6.4	10.0	68	..	1.3	..	1.0	0	0	14	03	0	1	0	1	0	3	6	16	0
	0830	317	1018.0	981.1	+1.7	18.9	13.2	7.9	10.6	50	-12	1.3	+0.1	0.7	0	0	10	00	0	1	0	2	1	6	0	20	0
	1130	317	1016.3	980.7	..	27.3	16.2	6.4	9.4	27	..	1.8	..	4.3	0	0	25	08	3	4	0	3	2	2	3	5	0
	1430	317	1013.4	978.0	..	28.7	16.5	4.9	8.9	22	..	2.1	..	4.9	0	0	24	09	2	3	0	1	0	2	7	6	0
	1730	317	1014.1	978.3	+2.1	25.0	15.7	7.5	10.4	32	-10	1.7	+0.3	1.5	0	0	20	12	0	1	0	1	0	1	5	10	0
	2330	317	1016.8	979.9	..	16.5	12.0	7.6	10.7	56	..	1.4	..	0.6	0	0	9	02	0	1	0	4	1	0	1	21	0
REWA	0830	299	1017.6	982.9	..	18.3	13.1	8.3	10.9	52	..	2.6	..	0.9	0	0	14	01	1	0	0	2	7	2	1	16	0
	1730	299	1013.8	980.0	..	26.0	16.5	8.5	11.1	33	..	2.4	..	0.9	0	0	12	08	1	1	0	0	0	0	2	18	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of mean standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mb.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH, EAST (CONTD.)																											
SIDHI	0830	272	1017.6	986.0	+1.7	18.1	13.8	10.0	12.3	59	- 6	0.1	-1.2	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	1730	272	1012.7	982.1	+0.9	25.8	17.1	10.0	12.5	38	- 4	0.8	-0.7	0.1	0	0	1	00	0	1	0	0	0	0	0	29	0
UMARIA	0830	459	1018.6	965.5	+2.0	16.6	12.9	9.9	12.2	65	+ 2	2.5	+1.2	0.9	0	0	14	01	0	8	1	3	1	0	0	16	0
	1730	459	1013.7	962.3	+2.1	24.5	16.8	11.5	13.6	45	- 5	2.9	+1.1	0.7	0	0	11	03	3	3	0	0	0	1	1	19	0
JABALPUR	0530	393	1017.0	970.9	..	12.5	10.9	9.3	11.7	79	..	1.2	..	0.4	0	0	4	00	0	1	3	0	0	0	0	26	0
	0830	393	1018.5	973.2	+2.1	17.5	13.4	9.7	12.1	61	- 7	2.4	+0.9	1.1	0	0	11	00	0	0	2	9	0	0	0	19	0
	1130	393	1016.3	972.3	..	26.5	16.8	8.6	11.2	33	..	2.4	..	3.3	0	0	20	04	5	3	4	1	1	0	2	10	0
	1430	393	1013.0	969.6	..	28.6	17.2	7.2	10.4	26	..	2.7	..	4.0	0	0	25	04	13	3	1	0	0	0	4	5	0
	1730	393	1013.7	969.7	+2.2	25.1	16.8	10.0	12.4	39	- 5	3.0	+1.3	0.3	0	0	3	01	2	0	0	0	0	0	0	27	0
	2030	393	1016.4	971.3	..	18.8	14.5	10.8	12.8	60	..	1.2	..	0.2	0	0	2	00	1	0	0	0	0	0	1	28	0
	2330	393	1016.9	971.4	..	16.0	12.9	10.2	12.3	69	..	1.1	..	0.2	0	0	2	00	0	0	2	0	0	0	0	28	0
AMBIKAPUR	0830	611	1017.9	948.5	+1.3	17.8	13.9	10.8	13.0	65	- 3	1.9	+0.9	0.9	0	0	9	06	1	0	0	1	0	1	0	21	0
	1730	611	1013.1	945.2	+0.8	22.9	15.6	10.2	12.4	44	- 7	2.6	+1.4	5.1	0	0	30	27	0	3	0	0	0	0	0	0	0
JASHPURNAGAR	0830	779	1017.1	930.0	..	19.8	14.5	11.1	13.2	61	..	2.1	..	0.9	0	0	12	04	3	1	0	0	1	0	3	18	0
	1730	779	1012.7	926.7	..	21.6	15.4	10.7	12.9	50	..	2.7	..	0.7	0	0	10	02	2	0	0	0	3	3	0	20	0
PENDRA	0530	625	1017.0	945.3	..	14.7	10.6	6.8	9.8	60	..	2.1	..	1.4	0	0	15	11	0	0	0	0	1	0	3	15	0
	0830	625	1017.9	947.3	+1.9	19.4	13.5	8.6	11.2	50	- 7	2.0	+0.3	2.3	0	0	18	08	2	0	0	0	0	0	8	12	0
	1130	625	1015.8	946.6	..	24.9	15.1	7.2	10.1	34	..	1.7	..	4.1	0	0	26	11	4	1	2	1	0	1	5	4	1
	1430	625	1012.7	944.0	..	26.2	15.5	6.4	9.8	29	..	2.3	..	4.9	0	0	23	12	3	0	1	0	0	1	3	7	3
	1730	625	1013.9	944.3	+1.9	22.5	15.0	9.0	11.6	43	- 6	2.3	+0.4	1.7	0	0	18	09	2	1	0	2	1	2	3	12	0
	2330	625	1017.1	945.9	..	16.6	11.7	7.2	10.2	54	..	1.6	..	1.5	0	0	17	07	0	0	0	0	2	4	4	13	0
MANDLA	0830	443	1018.7	967.4	+1.3	15.7	12.8	10.1	12.4	70	- 9	1.7	+0.0	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	1730	443	1013.1	963.6	+1.2	24.9	16.5	9.4	11.9	38	- 8	1.7	-0.1	1.1	0	0	6	03	0	0	0	1	0	0	2	24	0
CHAMPA	0830	246	1017.7	989.1	+1.2	18.8	15.1	12.1	14.2	66	- 1	3.2	+1.2	3.6	0	0	24	22	1	0	0	0	0	0	1	6	0
	1730	245	1013.0	985.4	+1.0	27.3	18.7	12.3	14.6	40	- 5	3.7	+1.6	3.7	0	0	24	18	4	1	0	0	0	0	1	6	0
RAIGARH	0830	220	1017.2	991.9	+1.5	21.6	16.4	12.8	14.5	56	- 6	3.3	+1.3	3.8	0	0	30	00	27	1	2	0	0	0	0	0	0
	1730	220	1013.0	988.2	+1.5	26.4	18.8	13.3	15.6	45	+ 1	3.0	+1.1	1.5	0	0	22	06	12	1	2	0	1	0	0	8	0
RAIPUR	0530	298	1015.7	981.0	..	16.8	14.1	11.9	13.9	73	..	2.2	..	0.5	0	0	3	02	0	0	1	0	0	0	0	27	0
	0830	298	1017.5	983.2	+1.9	21.1	16.0	11.9	14.1	56	- 7	2.7	+1.0	4.0	0	0	26	12	8	5	1	0	0	0	0	4	0
	1130	298	1015.9	982.4	..	27.3	18.2	11.3	13.6	37	..	2.4	..	5.6	0	0	29	02	15	6	1	2	0	0	3	1	0
	1430	298	1013.0	979.7	..	28.7	17.9	9.1	11.7	30	..	3.5	..	6.5	0	0	29	07	10	5	3	0	0	0	4	1	0
	1730	298	1013.5	979.9	+2.0	25.9	17.5	11.1	13.2	40	- 6	3.4	+1.4	2.9	0	0	19	07	8	0	3	0	0	0	1	11	0
	2030	298	1015.7	981.6	..	21.9	16.3	11.9	13.9	53	..	1.7	..	1.1	0	0	9	02	2	2	1	1	0	0	1	21	0
	2330	298	1015.8	981.5	..	20.2	15.5	11.8	13.8	58	..	1.7	..	2.4	0	0	17	03	3	7	2	0	0	0	2	13	0
KANKER	0830	402	1017.3	971.5	+1.8	20.5	17.0	14.8	16.5	70	- 5	2.6	+0.2	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	1730	402	1012.7	967.9	+1.6	25.7	19.9	15.9	18.5	56	+ 4	3.3	+0.6	1.5	0	0	17	02	7	4	1	0	0	1	2	13	0
JAGDALPUR	0530	553	1014.8	951.8	..	16.9	15.6	14.8	16.7	87	..	3.6	..	0.4	0	0	1	00	1	0	0	0	0	0	0	29	0
	0830	553	1016.4	954.0	+1.6	20.0	17.1	15.3	17.4	75	- 1	4.2	+1.6	3.5	0	0	19	04	4	4	1	0	0	1	5	11	0
	1130	553	1014.1	953.0	..	25.7	19.0	14.9	17.1	52	..	4.9	..	7.2	0	4	22	04	12	4	0	1	0	3	2	4	0
	1430	553	1010.9	950.3	..	27.5	19.1	13.7	15.9	43	..	4.8	..	6.7	0	2	22	05	10	2	0	0	2	0	5	6	0
	1730	553	1012.0	950.8	+1.6	24.4	18.6	15.0	17.1	57	+ 1	5.4	+2.1	2.9	0	0	12	04	4	1	0	1	0	0	2	18	0
	2030	553	1014.9	952.8	..	21.2	17.6	15.3	17.5	70	..	3.1	..	1.3	0	0	7	03	3	0	1	0	0	0	0	23	0
	2330	553	1015.1	952.7	..	19.2	16.8	15.2	17.4	78	..	2.6	..	0.8	0	0	4	01	1	1	0	0	1	0	0	26	0
GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																											
DEESA	0830	136	1017.3	1001.4	+1.9	19.7	12.8	5.8	9.2	41	-10	0.7	-0.4	3.1	0	0	17	00	12	5	0	0	0	0	0	13	0
	1730	136	1013.6	998.3	+1.9	31.6	17.9	5.5	9.0	19	- 8	0.3	-0.9	7.0	0	0	27	01	13	0	6	0	1	0	6	3	0
RADHANPUR	0830	30	1016.3	1012.8	+1.0	20.6	16.3	13.0	15.0	62	- 4	.	..	1.2	0	0	16	02	2	5	4	0	0	0	3	14	0
	1730	30	1012.9	1009.8	+1.1	31.9	22.5	16.8	19.1	42	- 5	.	..	1.3	0	0	14	07	1	4	1	1	0	2	3	16	0
IDAR	0830	219	1016.8	991.8	+1.5	24.9	14.0	1.9	7.0	23	-15	1.3	-0.2	4.0	0	0	19	02	15	2	0	0	0	0	0	11	0
	1730	219	1013.0	988.6	+1.3	30.7	16.7	3.1	7.6	18	-14	1.4	-0.3	1.9	0	0	16	00	6	5	1	0	0	3	1	14	0
AHMADABAD	0230	55	1014.5	1008.0	..	19.5	13.6	8.0	10.7	48	..	0.0	..	5.5	0	1	16	03	10	3	0	0	0	0	1	13	0
	0530	55	1014.6	1008.1	..	17.9	12.7	7.4	10.3	51	..	0.3	..	4.5	0	0	15	01	10	4	0	0	0	0	0	15	0
	0830	55	1016.5	1010.1	+1.6	22.2	14.1	6.5	9.7	37	-15	1.6	+0.4	9.3	0	1	23	00	5	18	1	0	0	0	0	[illegible]	0
	1130	55	1016.6	1010.4	..	30.8	18.6	8.8	11.3	26	..	1.0	..	14.5	0	5	25	00	1	18	9	1	0	0	1	[illegible]	0
	1430	55	1013.5	1007.3	..	33.5	19.2	7.5	10.4	21	..	1.1	..	13.6	0	4	26	02	4	12	6	0	1	2	3	0	0
	1730	55	1013.1	1006.9	+1.5	31.6	18.4	7.4	10.3	22	- 7	1.3	+0.0	10.4	0	0	29	06	7	11	2	0	2	0	1	1	0
	2030	55	1014.8	1008.5	..	24.1	16.2	9.4	11.8	40	..	0.7	..	3.5	0	0	14	04	6	2	1	0	0	0	1	16	0
	2330	55	1015.2	1008.8	..	20.8	14.5	9.0	11.5	47	..	0.1	..	2.4	0	0	11	03	6	0	0	0	1	0	1	19	0
DOHAD	0830	333	1017.4	979.0	+1.4	19.2	13.2	7.4	10.3	47	-11	1.5	+0.2	5.1	0	0	30	00	2	18	7	2	1	0	0	0	0
	1730	333	1012.4	975.5	+1.2	29.9	17.9	7.8	10.3	26	- 1	1.5	+0.8	6.8	0	0	29	06	9	8	1	1	0	2	2	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of mean standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry bulb	Mean temperature in °C Wet bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
GUJARAT REGION (INCLUDING DAMAN DADRA AND NAGAR HAVELI)																											
VALLABH VIDYANAGAR	0830	44	1016.3	1011.2	..	17.7	14.5	11.9	13.9	70	..	1.1	..	3.5	0	0	29	05	18	4	1	0	0	1	0	1	0
	1730	44	1012.8	1007.9	..	31.9	23.0	17.7	20.2	44	..	1.1	..	3.6	0	0	28	04	18	1	2	0	1	0	2	2	0
BARODA AERODROME	0830	38	1016.1	1011.6	+1.1	17.0	11.6	5.5	9.0	47	- 8	1.3	+0.0	6.3	0	0	22	11	9	0	1	1	0	0	0	8	0
	1130	38	1016.1	1011.8	..	31.6	18.0	5.9	9.3	20	..	1.8	..	12.7	0	7	22	03	8	13	5	0	0	0	0	1	0
	1730	38	1012.3	1008.1	+1.0	28.3	16.6	5.6	9.1	24	-10	1.3	+0.0	6.3	0	0	25	04	7	1	0	2	0	0	11	5	0
BARODA	0530	34	1014.5	1010.3	..	17.7	13.2	9.0	11.4	57	..	0.1	..	1.8	0	0	18	02	11	4	0	1	0	0	0	12	0
	0830	34	1016.4	1012.3	+1.6	21.2	14.5	8.3	10.9	44	-24	1.0	+0.0	2.1	0	0	15	00	13	2	0	0	0	0	0	15	0
	1130	34	1016.3	1012.4	..	32.1	18.9	8.4	11.0	23	..	1.0	..	3.5	0	0	25	01	14	8	2	0	0	0	0	5	0
	1730	34	1012.8	1008.9	+1.7	32.1	19.5	9.9	12.2	26	-22	1.3	+0.2	2.3	0	0	21	00	19	1	0	0	1	0	0	9	0
	2330	34	1015.0	1011.0	..	21.3	14.9	9.2	11.6	46	..	0.1	..	2.3	0	0	21	01	17	2	1	0	0	0	0	9	0
BROACH	0830		..	..	..	..	..	..	..	..	..	1.6	+0.4	5.9	0	0	30	01	19	4	6	0	0	0	0	0	0
	1730		..	..	..	..	..	..	..	..	..	1.0	-0.2	4.6	0	0	30	00	24	0	5	0	0	0	1	0	0
SURAT	0530	12	1013.8	1012.4	..	21.0	15.8	11.5	13.6	56	..	0.4	..	6.3	0	0	29	00	22	0	7	0	0	0	0	1	0
	0830	12	1015.9	1014.5	+1.7	23.0	16.3	10.7	12.9	46	-13	1.2	-0.7	7.5	0	0	27	00	21	0	5	0	0	0	1	3	0
	1130	12	1016.1	1014.7	..	30.9	19.8	12.0	14.0	32	..	1.6	..	13.3	0	6	24	00	22	0	6	0	0	0	2	0	0
	1730	12	1012.4	1011.1	+1.8	31.9	20.4	12.1	14.1	32	- 8	2.1	+0.0	8.9	0	0	30	00	12	0	8	0	1	0	9	0	0
	2330	12	1014.7	1013.4	..	23.7	17.3	12.2	14.2	50	..	0.6	..	6.9	0	0	30	00	25	0	4	0	1	0	0	0	0
SAURASHTRA AND KUTCH (INCLUDING DIU)																											
NALIYA	0830	21	1016.4	1013.9	+1.2	19.4	13.3	6.8	9.9	46	-19	1.5	-0.1	6.3	0	0	28	07	16	3	1	0	0	0	1	2	0
	1730	21	1013.2	1010.8	+1.1	31.4	18.2	6.6	9.7	23	- 9	1.6	+0.0	11.1	0	2	28	03	9	1	0	0	9	6	2	0	0
BHUJ (RUDRAMATA)	0230	80	1014.7	1005.3	..	19.9	14.4	9.1	11.5	52	..	0.2	..	1.1	0	0	4	00	0	0	0	0	2	2	0	26	0
	0530	80	1014.7	1005.3	..	17.7	13.2	8.6	11.2	57	..	0.2	..	1.9	0	0	7	01	1	0	1	0	3	1	0	23	0
	0830	80	1016.3	1006.9	+0.9	20.6	15.1	10.1	12.3	52	- 3	1.0	+0.1	1.2	0	0	4	00	0	2	0	0	1	1	0	26	0
	1130	80	1016.5	1007.4	..	29.5	18.3	9.1	11.5	29	..	0.9	..	10.4	0	2	23	12	7	4	2	0	0	0	0	5	0
	1430	80	1013.5	1004.5	..	33.0	18.8	6.2	9.5	21	..	1.2	..	11.2	0	2	24	07	7	5	4	0	1	1	1	4	0
	1730	80	1013.0	1004.0	+1.4	31.6	18.4	6.6	9.7	23	- 4	1.4	+0.5	10.2	0	4	21	06	11	6	0	0	0	2	0	5	0
	2030	80	1014.8	1005.6	..	25.2	16.3	8.2	10.9	36	..	0.6	..	3.9	0	0	15	04	5	0	1	0	1	1	1	15	0
	2330	80	1015.3	1006.0	..	22.1	14.8	7.6	10.4	41	..	0.2	..	4.0	0	1	8	03	3	0	0	0	2	1	0	21	0
KANDLA AERODROME	0830	35	1016.8	1012.7	..	22.8	15.4	8.7	11.2	41	..	1.0	..	13.3	0	2	27	12	3	2	0	0	0	0	12	1	0
	1130	35	1016.8	1012.9	..	30.5	18.1	7.6	10.4	25	..	0.9	..	14.7	0	6	23	05	12	10	2	0	0	0	0	1	0
	1730	35	1013.4	1009.5	..	32.2	18.3	6.4	9.6	20	..	1.1	..	14.6	0	3	26	08	11	7	1	1	1	0	0	1	0
NEW KANDLA	0830	14	1016.4	1014.7	+0.6	22.1	15.7	9.9	12.2	47	-13	1.7	-0.1	8.2	0	0	30	18	9	2	0	0	0	0	1	0	0
	1730	14	1013.4	1011.7	+0.7	30.6	19.6	11.5	13.6	32	- 8	1.8	-0.2	7.5	0	0	30	06	15	4	3	1	0	1	0	0	0
MANDVI	0830	9	1016.4	1015.3	+1.4	22.8	15.3	8.1	10.8	41	-20	2.3	+0.8	13.2	0	1	27	10	12	5	0	0	0	0	1	2	0
	1730	9	1013.6	1012.5	+1.3	28.6	22.0	18.3	21.0	54	- 8	1.9	+0.5	14.0	0	4	26	02	1	3	3	0	14	6	1	0	0
SURENDRANAGAR	0830	74	1016.7	1008.1	+1.4	24.1	15.9	8.9	11.4	39	-10	1.3	+0.4	5.5	0	0	20	05	6	5	1	0	0	0	3	9	0
	1730	74	1012.7	1004.4	+1.0	32.4	20.0	11.0	13.1	28	+ 2	1.8	+0.5	5.6	0	1	21	03	5	9	1	0	1	1	2	8	0
OKHA	0530	7	1014.5	1013.7	..	25.6	21.2	18.6	21.4	66	..	0.3	..	18.1	0	11	18	09	10	5	2	1	0	0	2	1	0
	0830	7	1016.4	1015.6	..	26.4	21.4	18.4	21.1	62	..	1.5	..	12.9	0	4	24	03	9	13	0	1	1	0	1	2	0
	1130	7	1017.0	1016.2	..	27.9	21.9	18.3	21.0	57	..	1.1	..	13.3	0	3	27	05	7	16	1	0	0	0	1	0	0
	1730	7	1013.8	1013.0	..	27.7	23.6	21.4	25.5	69	..	1.5	..	13.8	0	3	27	11	5	2	0	0	0	1	11	0	0
	2330	7	1015.5	1014.7	..	26.4	22.7	20.7	24.4	72	..	0.1	..	21.1	0	13	17	13	5	1	0	1	0	0	10	0	0
JAMNAGAR AERODROME	0530	23	1014.8	1012.1	..	18.4	14.0	9.9	12.2	60	..	0.3	..	3.8	0	0	18	01	5	9	1	1	1	0	1	12	0
	0830	23	1016.6	1014.0	+1.7	21.1	15.3	9.8	12.1	51	-10	1.5	+0.0	3.8	0	0	21	00	3	9	3	5	1	0	0	9	0
	1130	23	1016.8	1014.2	..	30.0	19.3	11.1	13.2	33	..	1.3	..	8.9	0	0	29	04	16	8	0	0	0	0	0	1	1
	1730	23	1013.2	1010.6	+1.3	31.0	19.7	11.3	13.4	31	- 5	1.5	+0.4	10.9	0	0	30	21	8	0	0	0	0	0	1	0	0
	2330	23	1015.5	1012.9	..	23.1	17.4	12.5	14.5	55	..	0.3	..	5.5	0	0	25	07	7	6	3	0	0	0	2	5	0
DWARKA	0830	11	1014.6	1013.3	-0.3	24.5	21.2	19.1	22.1	73	+ 5	1.5	+0.2	8.5	0	1	29	08	15	4	2	0	0	0	1	0	0
	1730	11	1013.3	1012.0	+1.5	28.9	23.9	21.0	24.9	64	+13	1.4	+0.3	13.8	0	2	28	12	4	2	0	0	0	1	11	0	0
RAJKOT	0530	138	1014.5	998.4	..	18.2	12.3	5.8	9.2	46	..	0.0	..	6.0	0	0	20	01	10	4	2	1	0	1	1	10	0
	0830	138	1016.2	1000.4	+1.5	22.8	15.1	8.0	10.7	41	- 9	0.6	-0.6	7.1	0	2	17	01	6	7	2	2	0	0	1	11	0
	1130	138	1015.7	1000.3	..	31.8	18.3	6.7	9.8	22	..	0.3	..	16.7	0	14	14	01	11	10	3	0	0	0	1	2	2
	1430	138	1012.6	997.3	..	33.4	18.8	6.8	9.9	19	..	0.4	..	14.3	0	7	21	01	13	8	3	1	0	0	2	8	0
	1730	138	1012.3	997.0	+1.6	32.3	18.3	6.1	9.4	20	- 4	0.4	-1.0	14.6	0	4	26	02	16	9	1	0	0	0	2	8	0
BHAVNAGAR AERODROME	0830	11	1016.3	1015.1	+1.5	21.7	14.9	8.8	11.3	45	- 5	1.7	+0.2	9.8	0	2	25	02	1	1	0	0	1	8	14	3	0
	1130	11	1016.4	1015.2	..	28.8	19.7	13.1	15.1	40	..	1.6	..	16.5	0	8	22	02	15	12	1	0	0	0	0	0	0
	1730	11	1012.9	1011.7	+1.6	31.7	19.0	8.6	11.2	26	- 5	1.7	+0.0	15.3	0	5	25	07	16	5	1	1	0	0	0	0	0
PORBANDER AERODROME	0830	7	1015.8	1015.0	+1.3	23.7	16.9	11.0	13.1	47	-16	1.1	+0.2	5.5	0	1	20	03	7	3	5	0	0	0	3	9	0
	1130	7	1015.9	1015.1	..	33.1	19.4	8.3	10.9	23	..	1.1	..	15.3	0	9	21	01	12	12	3	0	0	0	2	0	0
	1730	7	1012.6	1011.8	+1.1	30.5	21.5	15.8	17.9	43	-11	1.3	-0.3	18.6	0	14	16	01	0	0	0	1	11	17	0	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of mean standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry bulb	Mean temperature in °C Wet bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Mean temperature in °C Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations Wind speed (Km. p. h.) 02 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SAURASHTRA AND KUTCH (INCLUDING DIU)																											
KESHOD	0830	51	1015.9	1009.9	+1.1	21.3	14.6	8.2	10.9	44	- 9	0.9	-0.4	11.9	0	0	30	00	18	12	0	0	0	0	0	0	0
	1130	51	1015.9	1010.1	..	32.3	17.7	4.0	8.1	18	..	0.9	..	19.7	0	11	19	01	13	16	0	0	0	0	0	0	0
	1730	51	1012.2	1006.5	+0.9	32.1	18.5	6.3	9.5	22	-11	1.2	-0.4	25.2	1	8	21	02	6	6	0	4	9	3	0	0	0
MAHUVA	0830	9	1014.9	1013.9	..	22.5	16.2	11.7	13.3	48	..	3.2	..	4.3	0	0	28	12	13	2	0	0	0	1	0	2	0
	1730	9	1012.1	1011.1	..	30.4	20.7	14.1	16.1	38	..	3.3	..	3.5	0	0	29	01	1	10	13	4	0	0	0	1	0
VERAVAL	0230	8	1013.6	1012.7	..	21.0	17.5	14.9	16.9	70	..	0.1	..	6.4	0	0	25	11	13	0	0	0	0	0	1	4	0
	0530	8	1013.4	1012.5	..	20.3	15.7	11.7	13.7	59	..	0.2	..	8.0	0	1	23	09	15	0	0	0	0	0	0	5	0
	0830	8	1015.3	1014.4	+1.3	23.2	16.7	11.4	13.5	49	- 2	1.3	-0.2	7.9	0	2	24	02	24	0	0	0	0	0	0	4	0
	1130	8	1015.4	1014.5	..	32.6	21.5	13.7	15.7	35	..	1.1	..	13.1	0	5	24	02	5	8	4	5	2	2	1	1	0
	1430	8	1012.5	1011.6	..	31.4	24.3	20.5	24.1	54	..	1.5	..	17.0	0	8	22	00	1	0	3	13	7	5	1	0	0
	1730	8	1012.5	1011.6	+1.7	29.0	24.4	22.2	26.7	67	+ 2	1.7	+0.2	12.1	0	2	28	00	0	0	3	12	9	4	2	0	0
	2030	8	1014.4	1013.5	..	26.4	23.0	21.2	25.2	74	..	0.6	..	2.0	0	0	10	01	0	2	2	0	1	1	3	19	0
	2330	8	1014.8	1013.9	..	22.9	20.0	18.1	20.8	75	..	0.2	..	2.8	0	0	14	07	4	0	1	0	0	0	2	15	0
DIU	0830	15	1015.8	1014.0	..	24.8	17.1	12.4	14.4	47	..	1.4	..	4.9	0	0	29	10	17	0	0	0	0	0	2	1	0
	1730	15	1013.1	1011.4	..	28.1	23.9	21.9	26.3	69	..	1.3	..	13.3	0	5	25	00	1	17	10	1	0	1	0	0	0
KONKAN (INCLUDING GOA)																											
DAHANU	0830	5	1015.0	1014.5	+1.8	24.3	19.8	17.6	20.1	71	+ 3	.	..	0.0	0	0	0	00	0	0	0	0	0	0	0	29	0
	1730	5	1011.5	1010.0	+1.0	28.6	26.3	25.2	32.1	82	+11	.	..	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
BOMBAY (SANTACRUZ)	0230	14	1012.4	1010.8	+0.8	22.1	18.3	15.6	17.7	69	- 2	1.2	-0.3	4.5	0	0	18	01	7	10	0	0	0	0	0	12	0
	0530	14	1012.6	1010.9	..	21.6	17.6	14.6	16.6	66	..	1.3	..	7.2	0	1	24	00	5	18	0	1	0	0	1	5	0
	0830	14	1014.8	1013.2	+1.4	26.2	19.0	13.8	15.8	48	-13	2.7	+0.6	6.5	0	0	27	00	12	13	1	0	0	1	0	3	0
	1130	14	1014.5	1012.8	..	31.8	20.6	12.9	14.9	33	..	2.0	..	9.9	0	0	29	00	5	19	3	0	0	2	0	1	0
	1430	14	1011.4	1009.8	..	33.0	21.6	14.1	16.1	33	..	2.2	..	12.3	0	2	28	02	9	3	0	0	0	11	5	0	0
	1730	14	1011.4	1009.5	+0.7	29.6	22.0	17.5	20.0	50	- 3	2.1	+0.0	12.3	0	1	29	02	2	0	0	0	0	1	25	0	0
	2030	14	1013.4	1011.7	..	26.3	21.5	19.1	22.1	66	..	1.5	..	11.1	0	0	29	17	2	0	0	0	0	1	9	1	0
	2330	14	1013.6	1012.0	..	23.7	19.7	17.2	19.6	68	..	1.3	..	5.1	0	0	22	05	10	7	0	0	0	0	0	8	0
BOMBAY	0830	11	1014.7	1013.4	+1.7	24.9	21.0	18.7	21.6	69	- 4	2.1	+0.0	9.3	0	1	29	00	11	17	2	0	0	0	0	0	0
	1130	11	1014.5	1013.3	..	30.4	22.2	17.5	20.0	46	..	1.7	..	7.1	0	0	29	00	8	15	5	1	0	0	0	1	0
	1730	11	1011.3	1010.1	+1.2	28.8	23.1	20.1	23.5	60	7	2.0	+0.0	11.6	0	1	29	04	2	0	0	0	0	1	23	0	0
ALIBAG	0830	7	1014.5	1013.7	+1.4	24.6	19.9	17.4	19.9	66	- 3	2.8	+0.9	3.9	0	0	24	01	8	9	3	2	0	0	1	6	0
RHIRA	0830	96	1014.1	1003.1	..	25.2	17.8	11.9	13.9	47	..	2.5	..	6.3	0	0	26	00	6	6	9	0	1	1	3	4	0
	1730	96	1010.3	999.4	..	28.8	21.5	16.9	19.3	50	..	2.3	..	1.9	0	0	20	00	0	0	11	4	5	0	0	10	0
HARNAI	0830	20	1013.4	1011.1	+0.7	26.8	19.7	14.7	16.7	49	-11	1.6	-1.0	15.4	0	13	8	00	0	21	0	0	0	0	0	9	0
	1730	20	1010.7	1008.4	+0.8	28.9	24.6	22.5	27.3	68	- 1	1.8	-1.0	17.1	0	11	17	00	0	0	1	0	0	26	1	2	0
RATNAGIRI	0830	35	1013.7	1009.6	+0.8	25.3	19.5	15.4	17.5	56	- 9	3.6	+1.0	7.8	0	1	29	00	3	11	7	0	0	0	0	0	9
	1730	35	1010.7	1006.5	+0.7	29.0	23.4	20.5	24.1	61	- 4	2.5	-0.4	7.8	0	0	30	04	1	2	1	0	0	10	9	0	3
DEVGARH	0830	36	1013.7	1009.7	+1.1	25.2	20.6	17.6	20.1	64	- 7	2.5	-0.4	9.9	0	2	28	00	7	22	1	0	0	0	0	0	0
	1730	36	1010.1	1006.1	+0.6	30.0	24.2	21.1	25.0	60	- 6	2.6	-0.5	17.0	0	10	20	01	1	3	0	1	0	4	20	0	0
VENGURLA	0230	9	1012.1	1011.1	..	22.6	20.4	19.1	22.1	81	..	1.4	..	1.7	0	0	11	09	2	0	0	0	0	0	0	19	0
	0530	9	1011.8	1010.8	..	21.6	19.5	18.0	20.6	82	..	1.7	..	3.4	0	0	18	10	6	2	0	0	0	0	0	12	0
	0830	9	1014.0	1013.0	+1.0	25.6	20.9	17.9	20.5	64	-10	2.1	-1.3	2.7	0	0	15	03	6	2	2	1	0	1	0	15	0
	1130	9	1013.4	1012.4	..	31.9	22.5	16.8	19.1	42	..	1.9	..	6.6	0	0	28	01	12	5	6	2	1	1	0	2	0
	1730	9	1010.5	1009.5	+0.8	29.5	24.2	21.6	25.8	63	- 1	2.7	-1.2	5.4	0	0	28	02	0	1	0	0	5	17	2	2	0
	2330	9	1013.0	1012.0	..	23.8	21.8	20.6	24.3	83	..	1.7	..	3.3	0	0	18	12	0	1	0	0	0	0	0	12	0
PANJIM	0530	60	1011.2	1004.4	..	23.1	20.9	19.6	22.8	82	..	2.0	..	8.9	0	0	30	00	12	17	1	0	0	0	0	0	0
	0830	60	1013.3	1006.4	..	24.5	20.7	18.5	21.3	70	..	3.4	..	9.1	0	0	28	01	21	5	1	0	0	0	0	2	0
	1130	60	1012.7	1005.9	..	30.6	21.9	16.5	18.8	44	..	3.1	..	12.0	0	2	28	02	15	9	4	0	0	0	0	0	0
	1430	60	1009.6	1003.2	..	32.3	22.8	16.9	19.3	42	..	3.6	..	13.6	0	5	24	02	6	6	0	0	0	9	5	1	1
	1730	60	1009.8	1003.1	..	29.7	23.5	20.3	23.8	58	..	3.3	..	11.5	0	2	26	04	0	1	0	1	7	11	4	2	0
	2030	60	1012.1	1007.7	..	26.7	23.3	21.3	25.3	72	..	2.7	..	8.7	0	0	28	18	2	0	1	1	0	0	6	2	0
	2330	60	1012.4	1005.6	..	25.0	22.1	20.6	24.3	77	..	2.3	..	8.6	0	0	28	07	10	7	0	0	0	0	3	3	0
MORMUGAO	0530	62	1010.9	1003.8	..	24.6	21.2	19.0	22.0	72	..	2.8	..	8.5	0	1	27	01	2	18	1	0	4	2	0	2	0
	0830	62	1012.9	1005.9	+0.5	26.4	21.0	17.6	20.1	60	- 9	3.2	+0.1	9.7	0	1	28	00	3	19	1	0	3	2	1	1	0
	1130	62	1012.6	1005.7	..	30.5	22.5	17.9	20.5	48	..	3.4	..	10.1	0	2	25	01	4	17	0	1	2	2	0	3	0
	1730	62	1009.6	1002.7	+0.7	29.5	24.2	21.6	25.8	63	- 2	3.8	+0.5	11.0	0	3	26	01	3	5	1	3	9	6	1	1	0
DABOLIM (NAVAL AIR STN.)	0530	52	1011.5	1005.7	..	23.4	20.5	18.6	21.4	76	..	2.3	..	7.7	0	0	20	00	8	12	0	0	0	0	0	9	0
	0830	52	1013.6	1007.8	..	26.2	20.3	16.4	18.9	57	..	3.3	..	8.7	0	0	28	01	13	14	0	0	0	0	0	2	0
	1130	52	1013.1	1007.4	..	30.8	22.1	16.7	19.0	44	..	3.2	..	13.9	0	4	26	00	10	13	2	3	1	0	0	0	1
	1730	52	1010.1	1004.3	..	29.9	23.5	20.1	23.5	57	..	3.3	..	13.7	0	1	29	01	1	0	0	2	5	14	7	0	0
	2330	52	1012.7	1006.8	..	25.7	22.9	21.5	25.6	78	..	2.7	..	7.8	0	0	21	17	3	0	1	0	0	0	0	9	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry Bulb	Mean temperature in °C: Wet Bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	Wind Speed (Km. p. h.): 62 or more	Wind Speed (Km. p. h.): 20 to 61	Wind Speed (Km. p. h.): 1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA MAHARASHTRA																											
NANDURBAR	0830	206	1016.7	993.1	+1.3	24.6	15.7	7.6	10.4	36	-13	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	206	1012.8	989.8	+1.8	30.3	18.8	10.2	12.4	29	-11	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
JALGAON	0830	201	1017.3	994.0	+2.3	20.2	14.2	8.8	11.3	49	-12	2.5	+1.0	10.3	0	0	30	00	2	16	11	1	0	0	0	0	0
	1730	201	1012.4	989.9	+1.4	30.5	17.9	6.9	9.9	24	- 6	2.2	+0.4	10.4	0	0	29	00	2	22	2	1	2	0	0	1	0
MALEGAON	0830	437	1019.0	968.8	+3.5	19.4	..	..	..	..	..	1.1	-0.9	3.6	0	0	26	02	1	1	0	0	4	4	14	4	0
	1730	437	1015.1	966.7	+5.0	28.8	..	..	..	..	..	1.1	-1.2	5.9	0	0	30	03	20	4	0	2	0	0	1	0	0
OZAR	0230	608	1015.2	945.7	..	15.6	11.2	6.9	9.9	58	..	1.6	..	3.3	0	0	12	02	1	1	2	0	3	2	1	18	0
	0530	608	1015.7	945.9	..	14.4	10.7	7.0	10.0	62	..	2.0	..	3.0	0	0	12	01	0	2	1	2	2	3	1	18	0
	0830	608	1016.5	948.0	..	20.1	13.6	7.9	10.7	47	..	3.3	..	3.6	0	0	10	00	1	4	2	1	1	0	1	20	0
	1130	608	1014.6	947.6	..	27.0	16.9	9.1	11.5	34	..	2.9	..	15.8	0	8	21	00	2	11	14	2	0	0	0	1	0
	1430	608	1010.9	944.7	..	28.8	17.2	8.1	10.8	29	..	3.1	..	15.9	0	9	19	00	2	11	9	4	2	0	0	2	0
	1730	608	1011.2	944.6	..	27.1	16.6	8.0	10.7	32	..	2.8	..	9.1	0	1	24	00	4	11	7	2	1	0	0	5	0
	2030	608	1014.7	946.5	..	21.1	14.6	9.1	11.5	48	..	2.8	..	5.9	0	0	21	02	5	6	2	0	1	0	5	9	0
	2330	608	1015.7	946.7	..	18.1	12.7	7.6	10.4	52	..	2.0	..	3.5	0	0	15	00	2	6	1	1	0	2	3	15	0
AHMADNAGAR	0830	657	1016.4	942.4	+1.5	19.3	14.0	9.6	11.9	54	- 5	3.3	+1.0	5.0	0	0	20	00	0	1	3	0	1	0	15	10	0
	1730	657	1011.0	939.3	+1.6	27.0	17.1	9.4	11.8	35	- 5	3.2	+0.6	10.7	0	2	27	01	23	0	5	0	0	0	0	1	0
POONA AERODROME	0230	593	1014.2	947.0	..	18.4	14.4	11.0	13.1	63	..	1.7	..	5.4	0	1	15	02	3	7	1	0	0	1	2	14	0
	0530	593	1014.6	947.0	..	16.9	13.7	11.0	13.1	69	..	1.4	..	5.0	0	0	14	00	5	5	0	0	0	3	1	16	0
	0830	593	1016.0	949.0	..	20.1	15.3	11.5	13.6	59	..	2.8	..	7.9	0	1	22	01	3	15	0	0	0	4	0	7	0
	1130	593	1014.1	948.8	..	27.3	18.0	11.3	13.4	39	..	2.8	..	23.6	0	21	9	00	0	28	2	0	0	0	0	0	0
	1730	593	1010.4	945.4	..	27.9	18.4	11.5	13.6	38	..	3.1	..	15.2	0	7	21	00	6	20	0	0	0	2	0	1	0
	2330	593	1014.5	947.9	..	20.7	15.4	11.3	13.4	57	..	2.1	..	8.2	0	1	22	02	3	15	0	0	0	1	1	7	1
POONA	0530	559	1016.0	951.3	..	13.3	11.9	10.8	12.9	85	..	1.5	..	0.1	0	0	1	00	0	1	0	0	0	0	0	29	0
	0830	559	1016.9	953.4	+1.2	19.0	15.3	12.6	14.6	67	+ 2	3.1	+0.8	1.0	0	0	5	00	0	4	1	0	0	0	0	25	0
	1130	559	1014.5	952.8	..	26.8	18.1	12.0	14.0	41	..	3.0	..	8.1	0	0	29	00	0	20	9	0	0	0	0	1	0
	1430	559	1010.7	949.6	..	29.0	18.4	10.8	12.9	34	..	3.8	..	6.4	0	0	27	01	3	17	6	0	0	0	0	3	0
	1730	559	1011.0	949.5	+1.7	27.3	18.1	11.5	13.6	39	+ 0	3.5	+0.5	2.4	0	0	10	00	1	9	0	0	0	0	0	20	0
	2030	559	1014.6	951.7	..	20.3	15.5	11.8	13.8	59	..	2.0	..	1.3	0	1	3	00	0	4	0	0	0	0	0	26	0
	2330	559	1015.9	952.0	..	16.9	14.1	11.9	14.2	73	..	2.0	..	0.0	0	0	0	00	0	0	0	0	0	0	0	29	0
JEUR	0830	521	1016.8	957.9	+2.2	21.2	17.5	15.2	17.3	61	+ 0	1.0	-1.2	2.2	0	0	30	08	0	8	7	3	1	1	2	0	0
	1730	521	1011.2	953.9	+1.8	27.9	20.3	15.6	17.7	49	+ 9	1.1	-1.5	2.9	0	0	30	06	7	8	5	3	0	0	1	0	0
BARAMATI	0830	551	1016.4	954.1	+1.1	19.4	15.5	12.6	14.6	66	- 1	2.2	-0.5	6.0	0	0	24	03	1	5	4	1	0	1	9	6	0
	1730	551	1010.6	950.3	+1.0	27.9	19.1	13.2	15.2	43	+ 0	2.1	-1.3	8.9	0	0	29	02	10	4	7	5	0	0	1	1	0
SHOLAPUR	0530	479	1014.4	959.8	..	18.6	14.8	11.9	13.9	66	..	2.1	..	8.3	0	1	28	01	21	5	2	0	0	0	0	1	0
	0830	479	1016.2	962.3	+2.0	22.9	17.1	13.0	15.0	55	- 2	2.0	-0.6	6.8	0	0	29	00	26	1	2	0	0	0	0	1	0
	1130	479	1014.3	961.4	..	28.0	17.1	13.1	15.1	42	..	3.5	..	14.5	0	7	23	00	12	5	13	0	0	0	0	0	0
	1430	479	1010.6	958.1	..	29.8	17.1	11.7	13.7	35	..	3.7	..	13.3	0	5	24	00	15	4	10	0	0	0	0	1	0
	1730	479	1010.9	958.2	+1.8	28.5	18.4	11.2	13.3	37	+ 1	3.5	+0.3	7.1	0	0	30	02	18	2	8	0	0	0	0	0	0
	2330	479	1014.6	960.6	..	22.1	16.3	11.8	13.8	54	..	2.7	..	11.0	0	1	29	00	22	7	1	0	0	0	0	0	0
MIRAJ	0830		..	..	..	22.2	18.2	15.6	17.7	68	+ 3	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	27.3	19.6	14.9	16.9	48	+ 6	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
KOLHAPUR	0530	570	1013.7	949.1	+1.2	17.9	15.1	12.9	14.9	73	+31	2.2	-1.1	3.9	0	1	12	00	6	6	1	0	0	0	0	17	0
	0830	570	1015.3	951.3	+1.2	21.0	16.4	12.9	14.9	61	- 5	2.9	+0.3	6.4	0	1	25	00	12	13	1	0	0	0	0	4	0
	1130	570	1014.0	951.0	..	26.5	18.9	13.9	15.9	48	..	4.0	..	14.3	0	5	25	00	11	16	3	0	0	0	0	0	0
	1730	570	1009.7	947.4	+0.9	28.0	18.5	12.0	14.0	40	- 1	3.8	+0.4	10.5	0	2	26	00	11	12	3	1	1	0	0	2	0
	2330	570	1013.8	949.9	..	21.3	16.7	13.4	15.4	62	..	2.7	..	3.4	0	0	18	03	5	7	3	0	0	0	0	12	0
NASIK	0830		..	..	..	22.6	18.8	16.6	18.9	69	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
SANGLI	0830	549	1015.5	953.5	..	20.2	16.2	13.4	15.4	66	..	2.9	..	5.1	0	0	25	03	5	6	1	0	0	5	5	5	0
	1730	549	1009.9	950.1	..	28.5	18.6	11.6	13.7	37	..	3.6	..	7.7	0	1	27	02	10	10	6	0	0	0	0	2	0
MARATHWADA																											
AURANGABAD	0830	581	1017.4	951.8	+1.9	20.8	14.7	10.0	12.3	51	- 5	3.2	+0.9	3.3	0	0	18	00	0	17	1	0	0	0	0	12	0
	1730	581	1012.6	948.5	+1.9	27.5	16.5	7.5	10.4	30	- 8	3.0	+0.3	8.7	0	2	25	02	8	14	2	1	0	0	0	3	0
AURANGABAD(CHIKALTHAN)	0230	579	1015.5	949.0	..	15.2	12.1	9.5	11.9	69	..	1.5	..	1.0	0	0.	3	00	0	3	0	0	0	0	0	27	0
	0530	579	1016.1	949.3	..	13.8	11.5	9.3	11.7	74	..	1.8	..	1.4	0	0.	6	01	2	3	0	0	0	0	0	23	0
	0830	579	1016.7	951.3	+1.2	20.7	15.4	11.5	13.7	56	+ 1	2.7	+0.9	6.9	0	0	20	00	2	8	7	1	1	1	0	10	0
	1130	579	1014.7	951.0	..	27.8	17.8	12.2	15.2	64	..	2.4	..	20.6	0	14	16	01	10	11	7	1	0	0	0	0	0
	1430	579	1011.3	947.9	..	32.6	19.5	12.6	14.6	38	..	2.9	..	16.7	0	6	20	01	12	8	3	2	0	0	0	1	0
	1730	579	1011.6	947.9	+1.1	26.9	17.9	11.3	13.4	40	+ 0	2.8	+0.3	12.3	0	2	26	01	18	2	5	0	1	1	0	2	0
	2030	579	1015.3	949.9	..	20.1	15.2	11.5	13.6	59	..	2.1	..	3.8	0	1	9	04	3	2	0	0	0	0	1	18	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of mean standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry bulb	Mean temperature in °C Wet bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind speed (Km. p.h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MARATHWADA																											
AURANGABAD (CHIKALTHAN)	2330	579	1016.1	950.1	..	16.9	14.7	10.6	12.8	64	..	1.9	..	3.3	0	0	10	07	3	2	0	0	1	1	1	20	0
PARBHANI	0830	423	1017.2	968.9	+1.3	20.6	15.2	10.4	12.6	53	- 2	2.0	-0.1	4.8	0	0	25	14	5	4	2	0	0	0	0	5	0
	1730	423	1012.2	965.4	+1.4	27.6	17.4	8.8	11.3	32	- 5	3.1	+0.4	8.9	0	1	29	07	10	16	2	0	0	0	0	0	0
NANDER	0830	358	1017.4	976.4	..	20.7	16.1	12.5	14.5	60	..	1.9	..	2.5	0	0	15	00	10	0	2	0	2	0	1	15	0
	1730	358	1012.0	972.1	..	28.0	18.4	11.1	13.2	37	..	2.0	..	4.8	0	0	24	00	22	0	0	0	2	0	0	5	0
BIR	0830	519	1017.3	958.2	..	18.7	15.3	12.9	14.9	70	..	2.8	..	0.5	0	0	5	00	1	1	1	1	1	0	0	25	0
	1730	519	1012.2	954.8	..	26.5	17.8	11.4	13.5	43	..	2.6	..	4.5	0	0	22	01	21	0	0	0	0	0	0	8	0
VIDARBHA																											
GONDIA	0830	313	1017.5	981.4	+1.1	18.9	15.1	11.8	14.1	64	- 3	1.9	+0.2	1.1	0	0	13	03	7	0	0	0	0	0	3	17	0
	1730	313	1013.3	978.2	+1.4	26.6	18.2	11.8	14.1	40	- 2	1.6	-0.4	1.0	0	0	14	05	4	1	0	0	0	3	1	16	0
NAGPUR (SONEGAON)	0230	310	1015.1	979.0	..	16.2	13.1	10.3	12.6	68	..	1.6	..	2.7	0	0	18	08	0	0	0	0	0	0	9	12	1
	0530	310	1015.7	979.4	..	15.2	12.3	9.5	11.9	69	..	1.8	..	3.4	0	0	21	06	0	0	0	0	0	0	15	9	0
	0830	310	1017.4	981.8	+1.3	20.7	14.9	9.9	12.3	51	- 8	2.5	+0.6	4.9	0	0	29	13	11	1	0	0	0	0	4	1	0
	1130	310	1015.8	980.9	..	27.9	18.0	10.2	12.6	34	..	2.5	..	8.3	0	1	28	02	8	16	2	0	0	0	0	1	1
	1430	310	1012.5	978.0	..	29.5	18.1	9.2	11.5	29	..	3.2	..	8.6	0	2	27	04	13	7	2	1	2	0	0	1	0
	1730	310	1013.0	978.1	+1.2	25.9	17.2	10.2	12.6	38	- 5	2.8	+0.6	5.6	0	0	26	01	9	12	3	0	1	0	0	4	0
	2030	310	1015.7	980.1	..	20.1	15.0	10.8	12.9	55	..	1.7	..	2.5	0	0	20	07	2	7	2	1	1	0	0	10	0
	2330	310	1016.0	980.0	..	17.7	13.9	10.7	12.9	63	..	1.6	..	3.2	0	0	17	08	1	1	0	0	0	0	7	13	0
AMRAOTI	0830	370	1016.9	974.8	+1.7	22.4	14.3	6.2	9.8	36	-12	1.7	-0.4	4.3	0	0	29	03	17	8	1	0	0	0	0	1	0
	1730	370	1012.4	971.3	+1.4	28.6	16.5	5.1	9.0	23	-10	2.4	-0.1	4.9	0	0	29	05	9	8	5	1	0	1	0	1	0
AKOLA AERODROME	0530	309	1014.7	978.7	..	16.2	11.7	6.8	10.1	55	..	1.9	..	7.1	0	0	29	01	6	11	4	6	0	1	0	1	0
	0830	309	1016.4	980.9	..	20.6	14.0	7.5	10.7	44	..	3.2	..	6.3	0	0	26	00	7	10	4	4	1	0	0	4	0
	1130	309	1015.3	980.6	..	28.1	17.2	7.7	10.8	29	..	3.5	..	7.8	0	0	29	03	12	10	0	1	0	1	2	1	0
	1430	309	1011.7	977.5	..	30.6	17.4	5.0	9.1	21	..	3.3	..	8.9	0	1	29	07	11	7	2	1	0	2	0	0	0
	1730	309	1011.5	977.1	..	28.7	16.9	5.9	9.7	26	..	3.1	..	7.6	0	0	29	07	13	5	0	2	0	0	2	1	0
	2030	309	1014.0	978.9	..	23.2	14.7	6.4	9.9	35	..	2.3	..	8.0	0	1	29	05	8	9	6	1	0	1	0	0	0
	2330	309	1014.8	979.3	..	20.3	13.5	6.5	9.9	42	..	1.9	..	8.6	0	0	30	02	4	16	3	2	1	1	1	0	0
AKOLA	0830	282	1017.5	984.9	+2.2	19.3	14.3	9.9	12.3	56	- 3	2.5	+0.5	2.2	0	0	15	00	4	1	8	1	1	0	0	15	0
	1730	282	1012.6	981.3	+2.3	29.1	19.3	11.5	14.4	37	+ 2	2.0	+0.0	5.2	0	0	22	00	17	0	4	0	0	0	1	8	0
BRAHMAPURI	0830	229	1017.4	990.8	+0.9	18.9	15.6	13.1	15.1	69	- 4	2.8	+0.6	2.5	0	0	22	13	5	1	0	0	0	0	3	8	0
	1730	229	1013.1	987.4	+0.9	27.8	18.4	11.3	13.6	36	- 6	3.1	+0.7	2.2	0	0	21	13	7	1	0	0	0	0	0	9	0
BULDANA	0830	650	1016.3	943.6	+1.5	21.9	15.6	10.7	13.1	51	- 3	3.0	+1.0	6.9	0	0	29	00	0	9	16	4	0	0	0	1	0
	1730	650	1012.0	940.6	+1.4	26.1	17.3	10.9	13.3	40	- 1	3.6	+1.5	4.0	0	0	26	06	8	2	8	1	0	0	1	4	0
YEOTMAL	0830	451	1016.7	965.6	+1.4	22.3	14.8	7.7	10.8	40	-13	2.7	+0.4	4.3	0	0	27	03	10	13	1	0	0	0	0	3	0
	1730	451	1012.5	962.3	+1.2	26.3	16.6	7.9	11.0	33	- 9	2.8	+0.4	4.6	0	0	25	01	17	7	0	0	0	0	0	5	0
CHANDRAPUR	0830	193	1016.9	994.3	+1.2	18.5	15.2	12.7	14.6	69	- 3	2.4	+0.2	0.6	0	0	8	01	2	2	0	1	0	0	2	22	0
	1730	193	1012.7	990.8	+1.5	26.7	18.6	12.7	14.9	46	- 7	3.1	+0.7	1.4	0	0	13	03	7	2	0	0	0	0	1	17	0
PUSAD	0830	334	1017.8	979.3	..	19.4	17.7	16.5	18.9	85	..	2.7	..	1.9	0	0	28	00	4	0	2	0	10	0	12	2	0
	1730	334	1012.9	975.8	..	28.2	20.8	15.2	18.5	48	..	2.5	..	3.6	0	0	26	00	19	2	5	0	0	0	0	4	0
SIRONCHA	0830	123	1016.9	1002.6	+1.4	21.6	18.3	16.3	18.3	74	- 3	3.1	+0.6	1.4	0	0	19	09	1	0	1	0	1	0	7	11	0
	1730	123	1012.9	998.9	+1.4	28.0	20.4	15.4	17.8	48	- 3	3.7	+0.9	1.6	0	0	19	13	1	3	0	0	0	0	2	11	0
WARDHA	0830	283	1016.9	984.4	..	22.2	15.4	9.3	12.0	45	..	1.1	..	3.5	0	0	28	13	12	0	0	0	0	1	2	2	0
	1730	283	1012.7	980.9	..	27.2	17.0	8.4	11.1	32	..	1.3	..	2.9	0	0	29	10	11	1	3	3	1	0	0	1	0
BHANDARA	0830		..	..	..	20.3	15.6	11.5	13.9	58	..	.	..	4.6	0	0	26	02	22	1	0	0	0	0	0	4	1
	1730		..	..	..	25.1	18.2	13.0	15.3	48	..	.	..	3.2	0	0	27	00	24	2	1	0	0	0	0	3	0
COASTAL ANDHRA PRADESH																											
KALINGAPATAM	0830	6	1015.6	1014.9	+1.5	25.0	22.5	21.4	25.3	80	- 1	2.3	-1.3	7.3	0	1	29	14	5	0	0	0	0	0	9	0	2
	1730	6	1012.5	1011.9	+1.4	25.9	22.4	20.5	24.1	74	+ 6	3.0	-0.8	13.3	0	3	27	11	9	1	0	0	0	0	1	0	8
VISHAKHAPATNAM	0230	3	1013.1	1012.7	..	23.9	21.4	19.9	23.5	80	..	3.8	..	5.3	0	2	14	04	4	0	0	0	0	1	7	14	0
	0530	3	1013.4	1013.0	..	23.4	21.1	19.7	23.2	81	..	4.3	..	5.5	0	2	15	05	6	0	0	0	0	0	6	13	0
	0830	3	1015.7	1015.3	+1.8	26.2	22.0	19.7	22.9	68	+ 0	4.5	+1.0	7.1	0	3	22	05	7	5	2	0	0	0	6	5	0
	1130	3	1014.7	1014.3	..	28.1	22.6	19.5	22.9	59	..	5.0	..	12.4	0	5	25	04	9	10	5	0	0	0	0	8	0
	1430	3	1012.1	1011.7	..	28.4	22.3	18.9	22.0	57	..	4.8	..	18.8	0	14	16	07	5	14	9	0	0	0	0	0	0
	1730	3	1012.7	1012.3	+1.7	26.4	22.1	19.8	23.1	67	- 6	4.9	+1.2	13.5	0	4	26	01	4	20	5	0	0	0	0	0	0
	2030	3	1014.8	1014.4	..	25.3	21.9	20.0	23.5	74	..	3.7	..	8.8	0	5	20	03	10	9	3	0	0	0	0	5	0
	2330	3	1014.6	1014.2	..	24.4	21.8	20.3	24.0	79	..	4.0	..	6.8	0	3	16	06	5	2	0	1	0	1	4	11	0
KAKINADA	0830	8	1015.2	1014.3	+1.4	26.5	22.8	20.8	24.7	71	+ 0	4.6	+1.2	15.7	0	8	21	02	26	0	0	0	0	1	0	1	0
	1730	8	1012.3	1011.3	+1.6	27.1	23.2	21.5	25.3	71	+ 2	4.6	+1.0	16.1	0	8	22	01	11	17	1	0	0	0	0	0	0
NIDADAVOLE	0830	12	1015.7	1014.2	+0.7	24.3	22.3	21.2	25.3	82	+ 3	4.6	+0.5	7.8	0	1	29	16	9	3	0	0	0	1	1	0	0
	1730	12	1012.3	1010.9	+0.8	27.2	23.3	21.3	25.3	70	+ 4	5.7	+0.8	9.3	0	1	29	02	4	19	4	0	0	0	1	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
COASTAL ANDHRA PRADESH																											
RENTACHINTALA	0830	106	1015.7	1003.5	+1.8	23.9	21.3	19.7	23.2	78	+ 4	4.4	+0.4	1.3	0	0	2	01	0	1	0	0	0	0	0	28	0
	1730	106	1011.5	999.6	+1.6	28.1	21.5	17.3	20.2	55	+ 5	4.7	+0.3	0.4	0	0	5	03	0	1	0	0	0	1	0	25	0
GANNAVARAM	0230	24	1012.5	1009.7	..	22.9	21.4	20.4	24.3	87	..	3.8	..	6.3	0	2	16	05	8	3	1	0	0	0	1	12	0
	0530	24	1013.1	1011.3	..	22.4	20.8	19.8	23.2	86	..	4.7	..	6.5	0	1	18	05	7	3	1	1	0	0	2	11	0
	0830	24	1015.5	1012.7	+1.4	25.2	22.1	20.4	24.1	75	+ 5	4.1	+0.8	12.1	0	3	27	06	15	8	0	0	0	0	1	0	0
	1130	24	1014.3	1011.6	..	28.3	23.0	19.7	23.8	61	..	4.9	..	16.6	0	10	20	03	11	14	1	0	0	0	1	0	0
	1430	24	1011.4	1008.7	..	29.3	22.7	19.1	22.1	55	..	5.1	..	15.2	0	7	23	03	11	13	2	1	0	0	0	0	0
	1730	24	1012.0	1009.2	+1.3	26.9	22.5	20.1	23.7	67	+ 5	5.5	+1.5	11.0	0	4	24	03	4	11	9	1	0	0	0	2	0
	2030	24	1014.3	1011.5	..	24.4	22.2	20.9	25.0	83	..	3.8	..	6.0	0	0	21	01	2	9	7	1	0	0	1	9	0
	2330	24	1014.1	1011.4	..	23.5	21.7	20.7	24.4	85	..	3.9	..	6.5	0	2	19	05	3	9	3	0	0	1	0	9	0
MASULIPATAM	0830	3	1015.0	1014.6	+1.3	24.9	22.3	20.9	24.7	79	+ 0	4.8	+1.3	6.0	0	1	29	08	17	3	0	0	0	1	1	0	0
	1730	3	1011.8	1011.5	+1.3	26.7	23.2	21.3	25.6	73	+ 1	5.5	+1.6	6.5	0	1	29	00	6	18	3	0	0	0	3	0	0
ONGOLE	0830	17	1014.8	1013.5	+1.0	25.2	23.2	22.0	26.7	83	+ 8	2.9	-0.9	6.3	0	1	25	15	9	0	0	0	0	0	2	4	0
	1730	12	1011.5	1010.2	+1.0	27.2	23.7	21.8	26.4	73	+ 6	2.4	-1.2	4.7	0	0	29	00	11	15	3	0	0	0	0	0	0
NELLORE	0530	20	1012.6	1010.3	..	23.2	22.4	22.0	26.4	93	..	5.2	..	3.1	0	1	7	00	3	0	0	0	0	2	3	22	0
	0830	20	1014.9	1012.6	+1.7	25.2	23.3	22.3	26.9	85	+ 1	6.0	+1.2	8.3	0	1	29	00	10	0	0	0	2	1	17	0	0
	1130	20	1014.0	1011.7	..	28.8	24.0	21.6	25.9	66	..	5.8	..	8.6	0	1	29	02	10	3	4	1	0	1	9	0	0
	1430	20	1011.4	1009.2	..	29.1	23.8	21.6	25.0	65	..	5.2	..	9.1	0	1	29	01	13	1	6	2	0	3	4	0	0
	1730	20	1011.6	1009.4	+1.5	27.0	23.6	21.9	26.3	74	- 1	6.3	+1.3	6.7	0	0	30	05	16	3	1	0	0	2	3	0	0
	2330	20	1013.8	1011.5	..	24.6	23.0	22.0	26.7	88	..	4.7	..	3.5	0	0	11	00	6	0	0	0	1	0	4	19	0
VISHAKHAPATNAM (SOLAR)	0830	66	1015.3	1007.8	..	25.8	21.4	18.8	21.8	66	..	5.2	..	6.8	0	1	26	07	20	0	0	0	0	0	0	3	0
TELANGANA																											
RAMGUNDAM	0830	156	1016.2	998.2	+1.3	22.5	18.1	14.9	17.1	63	- 3	1.9	-0.6	1.5	0	0	13	05	6	2	0	0	0	0	0	17	0
	1730	156	1012.3	994.7	+1.3	28.0	20.0	14.5	16.8	45	+ 1	2.3	-0.5	2.3	0	0	21	05	13	2	0	0	1	0	0	9	0
NIZAMABAD	0830	381	1016.5	973.3	+2.2	20.9	17.2	14.4	16.3	67	+ 1	1.9	-0.5	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	1730	381	1011.9	969.6	+2.0	27.6	23.3	21.2	25.0	69	+28	2.7	+0.1	3.3	0	0	4	00	3	0	0	0	1	0	0	26	0
HANAMKONDA	0830	269	1015.9	985.3	+1.4	22.0	18.8	16.8	19.3	72	+ 3	1.9	-0.7	1.3	0	0	18	12	1	0	0	4	1	0	0	12	0
	1730	269	1012.6	982.5	+2.0	27.5	20.2	15.4	17.7	49	+ 1	1.9	-0.8	1.9	0	0	28	21	5	0	2	0	0	0	0	2	0
HAKIMPET AERODROME	0530	613	1014.2	944.9	..	18.4	16.1	14.3	16.6	79	..	3.9	..	8.4	0	0	28	01	17	5	5	0	0	0	0	2	0
	0830	613	1015.2	946.7	..	21.7	18.2	15.7	18.3	71	..	5.0	..	10.4	0	2	27	04	10	6	9	0	0	0	0	1	0
	1130	613	1013.7	945.6	..	26.3	18.9	14.0	16.2	49	..	5.0	..	16.9	0	10	20	03	8	13	5	1	0	0	0	0	0
	1730	613	1012.9	945.0	..	24.1	18.3	14.4	16.7	57	..	4.7	..	11.1	0	3	26	04	9	11	4	1	0	0	0	1	0
	2330	613	1014.6	945.8	..	20.1	16.7	14.4	16.5	70	..	2.8	..	7.4	0	0	26	04	12	7	3	0	0	0	0	4	0
BHADRACHALLAM	0830	111	1015.3	1002.5	+0.2	22.6	20.3	18.9	22.0	80	+ 1	3.4	+0.0	2.9	0	0	29	02	26	1	0	0	0	0	0	1	0
	1730	111	1011.3	998.8	+0.3	28.2	21.8	18.0	20.9	55	+ 0	4.8	+1.3	3.3	0	0	30	01	27	1	0	0	0	0	1	0	0
HYDERABAD (BEGAMPET)	0230	546	1014.0	952.2	..	18.1	16.1	14.6	16.8	81	..	2.5	..	3.5	0	0	21	06	7	5	3	0	0	0	0	9	0
	0530	545	1014.6	952.5	..	17.4	15.8	14.7	16.8	85	..	3.1	..	3.1	0	0	18	04	5	3	6	0	0	0	0	12	0
	0830	546	1016.1	954.8	+1.8	20.8	17.6	15.4	17.8	70	+ 2	4.9	+1.4	6.0	0	1	23	03	5	5	9	2	0	0	0	6	0
	1130	545	1014.3	954.1	..	26.5	18.8	13.7	16.1	47	..	4.5	..	11.3	0	4	26	00	8	11	6	5	0	0	0	0	0
	1730	546	1011.5	951.5	+1.8	26.3	18.3	12.9	15.2	45	- 3	4.2	+0.5	8.0	0	0	30	01	8	11	10	0	0	0	0	0	0
	2330	545	1015.1	953.6	..	19.6	16.7	14.8	16.9	74	..	2.5	..	3.7	0	0	22	03	6	8	5	0	0	0	0	8	0
KHAMMAM	0830	112	1015.9	1003.0	+1.7	23.9	20.5	18.6	21.3	72	- 5	4.4	+1.1	1.4	0	0	10	04	0	3	1	0	1	1	0	20	0
	1730	112	1011.4	999.2	+1.3	28.7	21.7	17.5	20.2	52	+ 2	4.9	+1.2	0.7	0	0	10	01	4	4	0	1	0	0	0	20	0
MAHBUBNAGAR	0830	505	1015.1	958.6	+0.9	23.5	18.8	15.5	17.8	66	+ 1	5.0	+1.7	8.6	0	0	30	02	11	17	0	0	0	0	0	0	0
	1730	505	1010.6	955.0	+0.6	26.8	18.6	13.2	14.8	44	- 3	5.2	+1.5	9.9	0	2	27	00	11	17	1	0	0	0	0	1	0
RAYALASEEMA																											
KURNOOL	0830	281	1015.7	983.7	+2.0	24.0	19.9	17.3	19.9	67	- 5	3.8	+0.2	5.3	0	0	30	00	17	0	11	0	1	0	1	0	0
	1730	281	1010.9	979.7	+1.8	28.6	20.6	15.3	17.7	47	+ 3	6.0	+1.9	6.1	0	1	29	00	19	0	7	0	0	0	2	0	2
NANDYAL	0830	217	1015.4	991.2	..	24.1	21.4	19.5	23.2	76	..	3.7	..	2.6	0	0	21	04	6	9	0	2	0	0	0	9	0
	1730	212	1011.0	986.1	..	27.3	22.1	19.1	22.4	62	..	5.0	..	8.7	0	1	28	00	7	15	6	0	1	0	0	1	0
ANANTAPUR	0530	350	1012.8	973.0	..	21.2	19.4	18.3	21.0	84	..	2.7	..	2.5	0	0	10	00	1	5	4	0	0	0	0	20	0
	0830	350	1014.9	975.4	+1.4	23.7	20.3	18.4	21.0	72	+ 2	4.4	+0.9	5.8	0	1	24	03	5	17	0	0	0	0	0	4	0
	1130	350	1013.6	974.5	..	26.9	21.1	17.5	20.2	57	..	5.5	..	10.5	0	0	29	03	9	15	2	0	0	0	0	1	0
	1430	350	1010.0	971.3	..	28.5	21.2	16.6	19.3	51	..	5.4	..	10.0	0	0	28	02	14	10	2	0	0	0	0	2	0
	1730	350	1010.4	971.5	+1.4	27.5	21.1	17.1	19.7	55	+ 8	4.8	+0.8	10.1	0	2	28	01	11	17	0	0	0	0	1	0	0
	2030	350	1013.0	973.7	..	25.1	20.8	18.3	21.0	67	..	4.0	..	5.4	0	2	15	00	4	12	1	0	0	0	0	13	0
	2330	350	1013.4	973.9	..	23.5	20.3	18.4	21.1	74	..	3.3	..	9.1	0	0	23	00	3	16	4	0	0	0	0	7	0
CUDDAPAH	0830	130	1015.3	1000.4	+1.6	25.3	22.2	20.5	24.1	75	+ 1	3.6	-0.6	1.1	0	0	7	00	2	2	2	0	0	1	0	23	0
	1730	130	1011.2	996.5	+1.5	27.7	22.8	20.3	23.8	65	- 6	4.4	-0.2	3.3	0	0	19	00	2	16	0	0	0	1	0	11	0
AROGYAVARAM	0830	701	1015.4	937.4	+1.6	21.5	19.6	18.0	21.3	81	+ 2	5.9	+1.1	5.5	0	0	25	03	2	6	8	2	0	0	4	5	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – NOVEMBER,1968 (KARTIKA 10 - AGRAHAYANA 9,1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
RAYALSEEMA (CONTD)																											
AROGYAVARAM	1730	701	1010.6	934.0	+1.2	24.3	21.1	19.3	22.7	76	+12	6.5	+1.3	8.8	0	0	30	00	19	0	4	0	1	0	5	0	1
MADRAS STATE(INCLUDING PONDICHERRY)																											
MADRAS	0830	6	1014.2	1013.5	+1.2	26.1	23.6	22.3	26.9	80	+ 1	6.8	+1.7	6.7	0	0	26	05	11	3	1	0	0	3	3	4	0
	1730	6	1011.5	1010.7	..	26.8	23.5	21.7	26.3	75	..	5.8	..	7.9	0	0	27	04	16	6	1	0	0	0	0	3	0
MADRAS(MINAMBAKKAM)	0230	16	1011.7	1009.9	..	23.7	22.3	21.6	25.6	89	..	4.1	..	5.5	0	1	20	03	3	1	0	0	0	6	8	9	0
	0530	16	1012.3	1010.5	..	23.0	22.0	21.5	25.6	91	..	4.5	..	4.3	0	0	20	05	2	0	0	0	1	6	6	10	0
	0830	16	1014.4	1012.6	+1.7	25.6	23.3	22.1	26.6	81	- 2	5.7	-0.2	6.7	0	0	26	08	7	0	0	1	0	5	5	4	0
	1130	16	1013.5	1011.8	..	28.1	23.4	21.0	25.0	67	..	6.3	..	12.4	0	3	26	08	12	3	0	0	3	0	3	1	0
	1430	16	1010.9	1009.1	..	28.6	23.5	20.9	24.7	65	..	5.7	..	14.0	0	6	22	06	12	7	0	0	1	1	1	2	0
	1730	16	1011.5	1009.7	+1.6	27.0	23.1	21.2	25.0	71	- 5	5.5	+0.1	11.9	0	2	26	08	11	7	2	0	0	0	0	2	0
	2030	16	1013.5	1011.8	..	25.6	23.1	22.0	26.3	80	..	4.6	..	7.1	0	1	26	06	14	3	2	0	0	1	1	3	0
	2330	16	1013.3	1011.5	..	24.7	22.9	21.9	26.4	85	..	4.3	..	6.7	0	1	22	09	8	0	2	0	0	2	2	7	0
VELLORE	0530	214	1012.8	988.2	..	21.8	20.7	20.1	23.5	91	..	5.1	..	1.1	0	0	10	01	3	4	0	0	0	0	2	20	0
	0830	214	1014.8	990.5	+1.9	24.3	21.7	20.3	23.8	79	- 4	4.9	+0.1	1.7	0	0	10	01	4	0	0	0	0	1	4	20	0
	1130	214	1013.6	989.6	..	27.8	22.3	19.2	22.4	61	..	6.1	..	6.3	0	0	28	02	18	6	0	0	0	2	0	2	0
	1730	214	1011.0	986.9	+1.6	27.3	22.0	19.0	22.1	63	- 1	5.8	+0.5	7.5	0	0	29	00	21	6	0	0	0	2	0	1	0
	2330	214	1014.0	989.6	..	23.6	21.7	20.7	24.4	84	..	4.9	..	1.8	0	0	10	01	6	3	0	0	0	0	0	20	0
TAMBARAM AERODROME	0830	29	1014.0	1010.7	..	25.1	23.5	22.7	27.6	87	..	5.4	..	5.0	0	2	22	11	5	1	0	0	1	2	4	6	0
	1730	29	1011.3	1008.0	..	26.9	23.8	22.5	26.9	76	..	5.0	..	19.7	0	14	14	07	12	5	4	0	0	0	0	2	0
TIRUPPATTUR	0830	390	1011.6	967.7	-1.6	23.0	22.6	22.3	27.1	95	+ 8	6.8	+1.6	2.3	0	0	25	05	1	0	0	19	0	0	0	5	0
	1730	390	1006.9	963.9	-2.2	26.1	23.5	22.3	26.7	83	+16	7.5	+1.6	3.8	0	0	28	11	0	0	1	16	0	0	0	2	0
METTUR DAM R.S	0830		..	..	..	25.9	21.5	19.4	22.1	68	..	3.8	..	5.5	0	0	30	00	16	0	0	0	3	0	11	0	0
	1730		..	..	..	29.0	22.4	18.7	21.7	56	..	4.5	..	6.1	0	0	30	00	15	0	7	0	6	0	2	0	0
CUDDALORE	0530	6	1012.0	1010.6	..	23.3	22.6	22.2	26.9	94	..	5.0	..	2.4	0	0	17	04	9	0	0	0	1	0	3	13	0
	0830	6	1014.1	1012.7	+1.4	25.4	23.6	22.7	27.6	86	+ 3	5.2	-0.1	6.9	0	0	25	06	11	0	2	1	1	2	2	5	0
	1130	6	1013.3	1012.0	..	28.0	24.1	22.3	26.9	72	..	5.5	..	11.1	0	4	24	04	19	1	1	0	2	0	1	2	0
	1430	6	1010.4	1009.1	..	28.3	24.5	22.7	27.6	72	..	5.0	..	12.4	0	6	24	04	20	3	2	0	0	1	0	0	0
	1730	6	1010.8	1009.3	+1.2	27.1	24.0	22.5	27.3	77	+ 1	5.4	+0.0	8.7	0	1	28	01	23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	1	0
	2330	6	1013.1	1011.7	..	25.2	23.3	22.4	26.9	85	..	4.7	..	10.1	0	4	23	08	13	1	3	[illegible]	0	[illegible]	0	3	0
KALLAKKURICHCHI	0830	217	1013.7	999.2	+0.8	24.8	23.0	22.1	26.6	86	+ 9	4.1	-0.3	7.7	0	0	28	07	3	0	0	0	3	0	15	2	0
	1730	217	1010.2	995.9	+1.0	27.0	24.1	22.7	27.6	79	+14	4.3	-0.9	4.7	0	0	29	07	19	2	0	0	1	0	0	0	0
SALEM	0530	278	1011.4	979.8	..	22.2	20.5	19.5	22.8	85	..	2.8	..	2.4	0	0	9	06	1	1	1	0	0	0	0	21	0
	0830	278	1013.8	982.3	+1.3	23.9	20.7	18.9	21.8	74	- 4	4.5	+0.1	0.1	0	0	1	00	0	1	0	0	0	0	0	29	0
	1130	278	1012.4	981.5	..	28.7	22.2	18.4	21.6	55	..	5.3	..	6.4	0	0	22	01	0	13	3	0	1	1	3	8	0
	1730	278	1009.3	978.3	+0.9	27.9	22.0	18.6	21.6	57	- 4	5.5	+0.2	1.9	0	0	10	00	0	3	2	0	1	1	1	20	2
	2330	278	1012.5	981.1	..	24.3	21.3	19.6	22.9	75	..	3.0	..	5.5	0	0	20	03	3	10	3	0	0	0	1	10	0
COIMBATORE(PILAMEDU)	0530	399	1012.3	967.3	..	21.8	20.7	20.1	23.5	90	..	5.3	..	4.6	0	0	11	01	5	4	1	0	0	0	0	19	0
	0830	399	1014.3	969.4	+1.4	23.5	21.2	19.9	23.2	81	+ 2	4.8	-0.2	10.2	0	1	20	02	13	4	0	0	1	1	0	9	0
	1130	399	1012.9	968.5	..	26.9	21.5	18.3	21.3	61	..	5.3	..	13.9	0	7	19	00	17	6	1	1	0	1	0	4	0
	1430	399	1009.4	965.4	..	28.7	21.5	17.2	19.7	52	..	5.4	..	15.4	0	11	18	02	11	13	0	0	3	0	0	1	0
	1730	399	1009.9	965.7	+1.2	27.1	21.2	17.5	20.4	59	- 1	5.2	+0.0	15.3	0	6	22	02	5	15	2	0	2	2	0	2	0
	2030	399	1012.7	968.1	..	24.6	21.4	19.6	22.8	74	..	4.0	..	10.1	0	4	16	01	3	9	2	1	2	2	0	10	0
	2330	399	1013.3	968.5	..	23.4	21.3	20.0	23.5	83	..	4.1	..	7.8	0	3	11	00	1	8	1	1	3	0	0	16	0
COIMBATORE	0830	409	1014.0	968.0	+1.5	23.8	21.4	20.1	23.5	80	+ 2	5.8	+0.4	8.2	0	0	28	00	22	0	1	2	2	1	0	2	0
NAGAPATTINAM	0830	9	1013.9	1012.8	+1.7	26.4	24.0	22.8	27.9	81	- 1	5.6	-0.1	13.6	0	9	20	02	16	2	1	0	2	2	4	1	0
	1730	9	1010.5	1009.4	+1.3	27.3	24.1	22.6	27.4	76	- 1	5.9	+0.4	20.8	0	23	7	05	18	2	1	0	2	1	1	0	0
TIRUCHCHIRAPPALLI	0230	94	1011.3	1001.2	..	23.3	22.3	21.7	26.1	91	..	5.2	..	8.3	0	1	26	11	10	0	0	2	2	1	1	3	8
	0530	94	1011.6	1001.5	..	23.0	22.0	21.5	25.6	92	..	5.4	..	6.7	0	0	27	10	6	1	0	1	1	4	4	3	0
	0830	94	1013.8	1003.8	+1.5	25.3	23.1	22.0	26.4	82	+ 1	5.1	+0.0	12.0	0	5	24	09	10	0	0	0	2	7	1	1	0
	1130	94	1012.8	1002.9	..	28.1	23.6	21.4	25.3	67	..	5.7	..	13.9	0	6	24	08	13	1	0	0	2	3	3	0	0
	1430	94	1009.7	999.8	..	28.9	23.4	20.6	24.4	63	..	5.7	..	13.5	0	4	26	03	17	4	0	0	1	3	2	0	0
	1730	94	1010.2	1000.2	+1.4	27.1	23.1	21.1	25.0	71	+ 4	5.8	+0.2	9.9	0	1	27	01	15	6	1	1	0	2	2	6	0
	2030	94	1012.6	1002.6	..	25.2	23.1	22.1	26.6	83	..	5.1	..	9.7	0	0	29	05	17	2	3	1	1	0	0	1	0
	2330	94	1012.9	1002.8	..	24.1	22.8	22.1	26.6	89	..	4.7	..	7.3	0	0	27	07	12	1	3	3	1	0	0	3	0
VEDARANNIYAM	0830	4	1013.5	1013.0	..	26.7	24.5	23.4	28.9	83	..	6.0	..	5.7	0	0	29	06	14	2	0	1	1	0	5	1	0
	1730	4	1010.5	1010.0	..	27.1	24.4	23.1	28.3	79	..	5.3	..	6.4	0	0	30	11	11	2	0	2	2	0	2	0	0
ATIRAMPATTINAM	0830	6	1013.5	1012.8	..	25.7	24.2	23.5	28.9	88	..	4.6	..	7.9	0	0	30	11	10	0	0	0	1	1	7	0	0
	1730	6	1010.2	1009.5	..	27.2	24.4	23.1	28.3	79	..	5.1	..	10.7	0	2	28	05	18	3	0	3	1	0	0	0	0
MADURAI	0830	133	1014.1	998.9	+1.9	25.6	23.2	22.0	26.4	81	+ 5	4.3	-1.1	3.7	0	0	30	24	3	0	0	0	0	0	3	0	0
MADURAI AERODROME	0530	131	1011.6	996.6	..	22.9	22.2	21.9	26.3	93	..	4.1	..	8.3	0	0	23	08	9	0	0	0	1	4	1	7	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations													
			At mean sea level or ht. in gpm. of mean standard isobaric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction										
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADRAS STATE (INCLUDING PONDICHERRY)																												
MADURAI AERODROME	0830	131	1013.9	998.9	+1.2	25.1	23.3	22.4	27.1	85	+ 6	4.8	-0.3	10.7	0	2	23	10	8	0	0	0	0	1	6	5	0
	1130	131	1012.7	997.9	..	27.9	24.1	22.2	26.9	72	..	5.5	..	17.2	0	13	17	05	16	2	1	0	2	0	4	0	0
	1730	131	1010.1	995.3	+1.0	27.1	23.8	22.2	26.9	76	+ 5	5.4	-0.6	16.3	0	10	19	02	18	4	1	1	1	0	2	1	0
TONDI	0830	5	1013.9	1013.3	+1.2	25.8	23.9	23.0	28.3	85	+ 1	7.0	+1.3	8.5	0	0	30	20	4	1	0	0	0	2	3	0	0
	1730	5	1010.5	1009.9	+1.0	27.5	24.4	23.3	27.9	76	+ 1	6.7	+0.7	13.1	0	8	22	06	14	4	2	2	0	1	1	0	0
PAMBAN	0830	11	1013.4	1012.1	+1.5	26.5	24.9	24.2	30.2	87	+ 4	6.1	+1.2	15.3	0	7	23	09	12	1	0	2	3	1	2	0	0
	1730	11	1010.3	1009.0	+1.4	27.7	25.4	24.5	30.4	83	+ 1	5.7	+0.8	14.0	0	8	22	05	17	4	2	3	3	0	1	0	0
TUTICORIN	0830	4	1013.9	1013.5	+1.4	26.0	23.9	22.9	27.9	83	+ 2	3.9	-1.0	12.3	0	3	27	11	8	2	1	0	1	3	4	0	0
	1730	4	1010.5	1010.1	+1.3	27.7	24.7	23.3	28.6	77	+ 1	4.6	+0.2	18.2	0	12	18	04	14	3	3	3	1	1	1	0	0
PALAYANKOTTAI	0830	51	1013.9	1008.1	+1.4	25.7	23.5	22.4	27.1	82	+ 4	6.6	+0.8	8.5	0	0	30	13	5	2	1	1	0	3	5	0	0
	1730	51	1010.3	1004.9	+1.6	27.6	24.0	22.3	26.9	73	+ 3	6.9	+0.5	8.6	0	0	30	04	11	7	7	0	0	0	1	0	0
KANNIYAKUMARI	0830	37	1012.5	1008.4	..	26.5	23.4	21.7	26.3	75	..	4.2	..	19.8	0	12	18	13	10	0	0	0	1	3	3	0	0
	1730	37	1009.8	1005.7	..	27.6	24.1	22.3	27.3	73	..	5.4	..	17.4	0	12	18	02	12	2	1	0	9	2	2	0	0
PONDICHERRY	0830	6	1014.0	1013.3	..	25.9	23.8	22.7	27.9	83	..	4.7	..	13.5	0	1	29	10	6	1	0	0	2	2	9	0	0
	1730	6	1010.7	1010.1	..	27.2	23.8	22.1	26.7	74	..	5.0	..	27.7	0	23	7	01	20	4	2	1	0	0	2	0	0
PORT NOVA	0830	3	1013.6	1013.3	..	26.4	24.7	23.9	29.7	86	..	5.1	..	6.5	0	0	28	09	8	1	0	0	2	2	6	2	0
TUTICORIN H.P.	0830	3	1013.9	1013.7	..	26.0	24.0	23.1	28.3	84	..	4.4	..	17.0	0	11	18	13	9	2	0	0	1	2	2	1	0
	1130	3	1012.8	1012.5	..	28.2	24.6	23.0	27.9	73	..	4.3	..	17.5	0	13	15	07	13	3	1	2	2	0	0	2	0
	1430	3	1009.9	1009.6	..	28.6	24.9	23.2	28.6	73	..	5.6	..	19.2	0	18	11	02	14	6	4	2	1	0	0	1	0
	1730	3	1010.2	1009.9	..	27.5	24.6	23.2	28.6	78	..	5.4	..	20.3	0	19	11	04	11	7	2	4	2	0	0	0	0
COASTAL MYSORE																												
KARWAR	0830	4	1013.7	1013.2	+1.1	26.9	21.4	18.6	21.7	65	-11	3.3	+0.3	4.0	0	0	28	00	4	14	7	0	2	0	1	2	0
	1730	4	1010.1	1009.7	+0.8	30.0	24.6	22.0	26.4	63	- 6	3.4	+0.4	4.2	0	0	29	00	0	2	3	1	0	3	18	1	2
HONAVAR	0830	26	1013.5	1010.5	+1.1	25.3	20.9	18.2	21.1	66	- 4	3.7	-0.4	4.3	0	0	28	00	9	19	0	0	0	0	0	2	0
	1730	26	1009.8	1006.9	+0.7	30.7	24.9	22.1	26.6	61	- 5	4.3	+0.0	3.3	0	0	25	01	0	0	0	5	2	16	1	5	0
MANGALORE (BAJPE)	0230	102	1010.9	999.3	..	24.0	22.8	22.1	26.7	89	..	3.5	..	3.6	0	0	15	00	1	10	3	0	0	1	0	15	0
	0530	102	1011.0	999.4	..	23.6	22.2	21.6	25.6	91	..	3.1	..	5.7	0	0	21	00	3	14	1	1	0	1	1	9	0
	0830	102	1012.9	1001.3	+0.6	25.9	23.0	21.5	25.6	77	- 2	4.0	-0.3	10.7	0	0	28	00	1	24	3	0	0	0	0	2	0
	1130	102	1012.2	1000.9	..	30.8	23.3	19.3	22.4	51	..	3.9	..	12.1	0	3	23	00	1	14	7	1	2	1	0	4	0
	1430	102	1009.3	998.0	..	31.5	24.2	20.3	24.1	53	..	4.6	..	13.5	0	2	25	00	0	4	0	1	9	12	1	3	0
	1730	102	1009.4	998.0	+0.4	28.8	23.9	21.5	25.6	66	- 4	4.8	-0.1	12.7	0	1	28	01	0	1	1	0	4	18	4	1	0
	2030	102	1011.9	1000.3	..	26.3	23.6	22.3	26.9	79	..	4.3	..	3.1	0	0	10	05	0	1	0	0	0	4	0	20	0
	2330	102	1012.1	1000.6	..	25.3	23.3	22.2	26.9	83	..	4.7	..	2.1	0	0	7	02	2	1	2	0	0	0	0	23	0
MANGALORE	0830	22	1013.1	1010.6	+1.2	26.8	23.2	21.5	25.5	72	- 5	3.1	-0.9	4.3	0	0	30	00	2	20	7	0	0	0	0	0	1
	1730	22	1009.5	1007.0	+0.7	30.0	24.8	22.3	27.1	64	- 5	3.3	-1.3	6.0	0	0	30	01	0	0	0	3	11	5	5	0	5
MANGALORE H.P.	0830	32	1012.7	1009.0	..	26.4	23.5	22.1	26.6	77	..	3.8	..	6.5	0	0	30	00	0	15	14	1	0	0	0	0	0
	1130	32	1012.2	1008.6	..	31.1	24.0	20.4	24.1	54	..	3.9	..	7.7	0	0	28	01	1	8	11	1	3	2	1	2	0
	1730	32	1009.3	1005.7	..	29.2	24.7	22.4	27.4	67	..	4.7	..	7.9	0	0	30	01	0	0	0	1	4	10	14	0	0
INTERIOR MYSORE, NORTH																												
BIDAR	0830	664	1015.9	941.7	+1.5	21.6	16.1	12.6	14.3	59	- 2	5.0	+1.8	10.9	0	0	30	01	11	11	6	1	0	0	0	0	0
	1730	664	1011.5	938.6	+1.5	25.3	16.6	10.0	12.5	39	- 4	5.4	+1.7	9.5	0	2	28	02	25	3	0	0	0	0	0	0	0
GULBARGA	0830	458	1015.8	964.0	+1.4	22.0	17.2	13.2	16.1	61	+ 4	4.5	+1.9	8.1	0	0	23	00	11	11	0	0	0	0	1	7	0
	1730	458	1010.7	960.2	+1.6	27.8	18.7	12.4	14.8	41	+ 6	4.0	+0.6	7.9	0	0	27	00	10	17	0	0	0	0	0	3	0
BIJAPUR	0830	594	1016.2	949.1	+1.8	19.9	16.3	14.1	15.9	71	+11	4.3	+1.1	5.5	0	0	22	04	4	6	5	2	0	0	1	8	0
	1730	594	1010.3	945.3	+1.5	27.5	18.3	12.0	14.3	40	+ 0	5.0	+1.3	3.2	0	0	25	00	12	7	6	0	0	0	0	5	0
RAICHUR	0830	400	1015.3	970.2	+1.6	24.1	18.9	15.8	17.6	64	+ 0	3.7	+0.4	4.0	0	0	29	06	15	0	6	1	0	0	1	1	0
	1730	400	1010.3	966.1	+1.1	28.1	19.1	12.6	14.8	40	- 1	4.5	+0.7	5.5	0	0	30	04	19	1	6	0	0	0	0	0	0
BELGAUM	0830	753	1014.3	931.0	+1.2	21.7	17.6	14.8	17.1	67	- 3	2.7	+0.3	3.3	0	0	18	00	3	15	0	0	0	0	0	12	0
	1730	753	1009.4	927.9	+1.1	26.4	18.6	13.3	15.7	47	+ 0	2.9	-0.5	4.0	0	0	25	03	0	19	2	0	1	0	0	5	0
BELGAUM (SAMRA)	0530	747	1013.6	929.9	..	17.8	15.2	13.1	15.4	75	..	2.7	..	3.9	0	0	19	00	12	4	2	0	0	0	1	11	0
	0830	747	1014.7	931.9	+1.0	21.5	17.1	13.9	49.6	97	+29	6.8	+3.6	39.4	0	2	25	00	14	9	3	1	0	0	0	3	0
	1130	747	1013.3	931.5	..	25.3	18.2	13.2	15.7	49	..	4.0	..	17.6	0	13	17	00	10	14	6	0	0	0	0	8	0
	1430	747	1009.5	928.6	..	27.2	16.1	11.6	14.1	40	..	4.0	..	13.2	0	7	22	02	10	10	5	0	1	0	0	1	1
	1730	747	1009.9	928.6	+0.6	26.0	17.7	11.7	14.2	43	- 4	3.9	+0.3	6.7	0	1	25	01	13	6	4	1	0	0	0	4	1
	2030	747	1013.4	930.7	..	21.4	16.8	13.5	15.9	62	..	3.1	..	2.9	0	0	12	00	3	4	3	0	2	0	0	18	0
GADAG	0530	650	1013.5	940.4	..	18.9	17.2	16.1	18.3	82	..	2.5	..	3.8	0	0	16	00	4	11	1	0	0	0	0	14	0
	0830	650	1013.9	941.4	+0.4	21.2	18.9	17.5	20.2	80	+16	2.7	-1.0	4.6	0	0	26	05	4	17	0	0	0	0	0	4	0
	1130	650	1013.3	942.0	..	26.3	21.0	17.9	21.0	62	..	4.2	..	9.3	0	0	30	03	8	15	4	0	0	0	0	0	0
	1430	650	1009.8	939.2	..	28.1	21.3	17.8	20.2	54	..	4.3	..	8.3	0	0	28	01	14	11	2	0	0	0	0	2	0
	1730	650	1009.4	938.5	+0.9	27.0	20.6	16.8	19.6	56	+10	3.8	-0.5	5.5	0	0	28	08	5	14	1	0	0	0	0	2	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lat. in gptn. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
INTERIOR MYSORE NORTH (CONTD.)																											
GADAG	2030	650	1013.1	941.1	..	23.3	19.2	16.7	19.3	67	..	2.5	..	5.8	0	0	29	01	5	23	0	0	0	0	0	1	0
	2330	650	1013.8	941.3	..	21.2	18.1	16.1	18.5	74	..	2.1	..	6.9	0	0	29	01	6	22	0	0	0	0	0	1	0
BIDAR A.F.	0530	665	1014.7	939.5	..	17.9	14.7	12.1	14.4	69	..	2.7	..	10.1	0	0	29	04	14	8	3	0	0	0	0	1	0
	0830	665	1015.7	941.3	..	21.5	16.3	12.5	14.7	59	..	3.6	..	14.0	0	1	29	04	9	13	3	1	0	0	0	0	0
	1130	665	1014.5	941.2	..	25.9	17.4	11.2	13.7	42	..	3.9	..	17.5	0	7	23	07	19	7	1	1	0	0	0	0	0
	1730	665	1011.5	938.4	..	25.6	16.9	10.6	12.9	40	..	3.7	..	14.8	0	1	29	06	20	4	0	0	0	0	0	0	0
	2330	665	1015.1	940.6	..	20.5	15.5	11.7	13.9	59	..	2.9	..	11.4	0	0	30	03	20	5	2	0	0	0	0	0	0
INTERIOR MYSORE, SOUTH																											
BELLARY	0830	449	1015.0	964.4	+1.5	22.5	19.6	17.8	20.5	75	+ 6	4.7	+0.2	5.7	0	0	22	04	3	7	8	0	0	0	0	0	0
	1730	449	1009.9	960.5	+1.3	27.8	20.6	15.9	18.4	50	+ 5	6.3	+2.1	6.3	0	0	26	02	4	17	3	0	0	0	0	4	0
CHITRADURGA	0830	733	1014.3	932.9	+1.3	21.1	18.3	16.6	19.0	77	+ 4	3.1	-1.3	6.2	0	0	26	01	0	22	3	0	0	0	0	4	0
	1730	733	1009.4	929.7	+1.4	26.1	19.3	15.1	17.4	52	+ 2	4.1	-0.2	4.6	0	0	27	00	2	23	0	0	0	1	1	3	0
SHIMOGA	0830	571	1014.1	949.8	+0.5	21.0	19.2	18.2	20.9	82	+ 0	3.5	-0.5	1.8	0	0	22	00	1	15	3	0	2	0	1	8	0
	1730	571	1008.2	946.5	+0.8	28.7	20.4	15.5	17.8	44	-13	5.1	+0.9	3.0	0	0	30	00	3	25	0	0	1	0	1	0	0
AGUMBE	0830		..	..	..	21.4	19.1	17.7	20.5	80	..	.	..	8.7	0	0	28	00	26	1	1	0	0	0	0	2	0
BALEHONNUR	0830		..	..	..	21.6	18.9	17.3	19.9	77	- 8	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
HASSAN	0830	960	1536.6	908.5	+1.0	22.8	19.8	18.2	20.9	75	- 3	5.5	+1.3	1.6	0	0	25	00	0	0	1	0	0	12	0	17	0
	1730	960	1511.5	905.5	+0.7	25.2	19.5	16.1	18.5	58	+ 0	5.8	+1.1	2.3	0	0	19	00	2	2	2	0	1	12	0	11	0
BANGALORE	0230	921	1517.4	911.9	..	18.6	17.6	16.9	19.4	90	..	4.3	..	6.1	0	0	24	02	0	21	1	0	0	0	0	6	0
	0830	921	1536.5	913.3	+1.7	20.2	18.1	16.8	19.3	81	+ 3	4.8	-0.1	6.8	0	0	27	02	3	19	1	0	0	0	1	3	1
	1130	921	1541.8	912.9	..	24.3	19.5	16.7	19.1	63	..	5.2	..	8.4	0	0	30	01	10	15	1	1	0	0	2	0	0
	1430	921	1524.3	910.7	..	26.2	20.0	16.4	18.9	56	..	5.8	..	7.3	0	0	30	03	13	11	1	0	0	0	2	0	0
	1730	921	1522.1	910.9	+2.2	24.2	19.2	16.2	18.5	62	+ 3	5.9	+0.7	6.2	0	0	28	03	8	12	3	0	0	0	2	2	0
	2030	921	1531.9	912.7	..	21.0	18.5	17.1	19.5	79	..	4.3	..	6.6	0	0	26	02	6	15	3	0	0	0	0	4	0
BANGALORE AERODROME	0530	901	1509.2	913.5	..	17.9	17.0	16.4	18.8	91	..	4.8	..	6.4	0	0	23	00	1	8	12	1	0	1	0	7	0
	0830	901	1532.9	915.5	+0.9	20.5	18.0	16.5	18.5	79	+ 2	5.3	+0.5	9.8	0	1	28	02	1	12	13	0	0	0	0	1	1
	1130	901	1536.4	915.0	..	24.4	18.9	15.5	17.8	59	..	5.3	..	13.7	0	4	26	03	4	6	15	1	0	0	1	0	0
	1730	901	1512.5	912.5	+0.7	24.1	18.6	15.2	16.9	59	- 1	5.2	+0.1	11.0	0	0	29	00	4	6	16	1	0	0	2	1	0
	2330	901	1524.9	914.8	..	19.7	18.0	16.9	19.5	85	..	3.8	..	8.9	0	0	27	00	2	10	13	1	0	0	1	3	0
MYSORE	0830	767	1014.1	929.2	+1.4	21.3	18.3	16.5	18.8	74	+ 6	3.6	-1.1	6.3	0	0	30	06	3	6	1	5	5	2	2	0	0
	1730	767	1008.7	925.5	+0.6	26.5	19.0	14.8	16.4	51	- 3	3.3	-1.6	8.1	0	0	30	06	2	17	1	1	1	1	1	0	0
YALANKA A.F.	0530	932	1510.3	910.2	..	17.7	17.0	16.5	18.8	93	..	4.8	..	12.6	0	2	26	04	3	17	3	1	0	0	0	2	0
	0830	932	1534.7	912.2	..	20.7	18.3	16.8	19.3	79	..	5.4	..	16.1	0	9	19	03	3	17	4	0	0	0	1	2	0
	1130	932	1539.1	911.7	..	24.7	19.5	16.5	18.8	61	..	5.5	..	18.7	0	11	19	03	5	19	1	1	0	0	1	0	0
	1730	932	1512.9	909.2	..	23.7	18.9	16.0	18.3	63	..	5.4	..	17.4	0	5	25	04	5	15	4	0	0	0	2	0	0
	2330	932	1524.7	911.5	..	19.2	18.0	17.3	19.7	89	..	4.3	..	14.5	0	5	23	02	7	17	2	0	0	0	0	2	0
KERALA																											
CALICUT	0530	5	1010.7	1010.1	..	24.1	23.3	22.9	27.9	93	..	3.7	..	1.9	0	0	17	01	1	13	0	2	0	0	0	13	0
	0830	5	1012.9	1012.3	+1.1	26.6	23.9	22.7	27.6	79	- 1	4.0	-0.4	2.2	0	0	24	00	0	15	0	0	6	3	0	6	0
	1130	5	1012.4	1011.8	..	29.5	24.9	22.7	27.7	67	..	4.2	..	3.4	0	0	28	00	0	0	0	5	5	18	0	2	0
	1430	5	1010.4	1009.8	..	30.9	25.6	23.2	28.6	64	..	4.6	..	3.9	0	0	30	01	0	0	0	3	15	11	0	0	0
	1730	5	1009.6	1009.0	+0.8	29.2	25.1	23.1	28.6	69	- 3	5.7	+0.6	4.2	0	0	30	00	0	0	0	1	10	19	0	0	0
	2330	5	1012.2	1011.6	..	25.3	24.2	23.8	28.3	91	..	5.3	..	4.7	0	1	23	03	5	4	2	1	1	8	0	6	0
PALGHAT	0830	97	1013.1	1002.0	+0.6	26.2	23.2	21.7	25.9	77	+ 0	4.5	+0.3	11.1	0	0	30	00	0	26	0	0	0	4	0	0	0
	1730	97	1009.2	998.3	+0.5	29.6	23.9	21.1	25.0	61	- 7	5.4	+0.1	8.0	0	0	29	00	0	19	0	0	0	10	0	1	0
FORT COCHIN	0830	3	1012.6	1012.3	+0.7	27.8	24.6	22.8	28.3	74	- 4	6.5	+1.3	4.4	0	0	25	02	14	5	2	0	0	1	1	5	0
	1730	3	1009.3	1009.0	+0.6	28.7	24.9	23.2	28.4	73	- 1	7.0	+1.3	7.0	0	0	27	01	1	0	0	0	7	13	5	3	0
COCHIN (NAVAL AIR STATION)	0230	3	1010.9	1010.6	..	24.7	23.7	23.2	28.4	91	..	5.0	..	2.5	0	0	12	00	5	3	4	0	0	0	0	18	0
	0530	3	1010.8	1010.5	..	24.1	23.3	22.9	27.9	93	..	4.6	..	2.4	0	0	12	00	4	6	2	0	0	0	0	18	0
	0830	3	1012.8	1012.5	..	27.0	24.1	22.8	27.6	78	..	4.5	..	5.0	0	0	24	00	5	12	3	0	0	0	0	6	4
	1130	3	1012.5	1012.2	..	30.1	24.8	22.3	26.9	64	..	4.4	..	6.9	0	0	26	01	4	0	3	3	4	6	4	4	1
	1730	3	1009.5	1009.2	..	29.0	24.7	22.7	27.6	69	..	4.9	..	10.4	0	0	29	01	1	0	0	1	12	12	2	1	0
	2330	3	1012.1	1011.8	..	25.6	24.1	23.4	28.9	87	..	5.4	..	2.4	0	0	10	00	5	1	1	3	0	0	0	20	0
ALLEPPEY	0830	4	1012.8	1012.4	+0.9	27.2	24.6	23.4	28.8	80	- 1	3.6	-1.7	4.7	0	0	29	00	6	12	10	1	0	0	0	1	0
	1730	4	1009.7	1009.3	+0.9	29.0	25.1	23.3	28.6	72	- 4	4.9	-0.9	18.2	0	12	18	01	0	0	0	0	3	9	17	0	0
PUNALUR	0830	34	1013.0	1009.2	+1.2	25.4	23.4	22.3	27.1	84	- 3	5.9	+1.1	0.5	0	0	3	00	0	0	1	0	0	1	1	27	0
	1730	34	1009.3	1005.3	+0.3	28.8	25.0	23.2	28.6	72	- 1	7.1	+1.1	3.8	0	0	22	00	0	1	0	0	5	11	5	8	0
TRIVANDRUM	0230	64	1010.6	1003.2	..	23.9	23.1	23.0	27.6	93	..	4.0	..	1.8	0	0	8	00	6	1	1	0	0	0	0	22	0
	0530	64	1010.7	1003.3	..	23.5	22.6	22.1	26.6	92	..	4.5	..	3.3	0	0	20	02	14	4	0	0	0	0	0	10	0
	0830	64	1012.8	1005.5	+1.0	25.8	23.9	22.9	28.3	85	- 2	5.1	+0.4	2.8	0	0	18	02	7	2	2	0	0	1	4	12	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of mean standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind speed (Km. p. h.) 0 or calm	2 to 6	7 to 10	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
KERALA (CONTD)																											
TRIVENDRUM	1130	64	1012.0	1004.8	..	29.2	24.6	22.4	27.1	68	..	5.7	..	5.0	0	0	26	01	3	1	0	1	9	5	6	4	0
	1430	64	1009.3	1002.1	..	29.5	24.9	22.7	27.7	67	..	5.2	..	7.4	0	0	29	00	0	0	0	1	12	15	1	1	0
	1730	64	1009.8	1002.5	+0.9	27.5	24.3	22.8	27.7	75	- 3	6.0	+0.1	6.1	0	0	28	00	0	1	2	3	6	11	5	2	0
	2030	64	1012.1	1004.8	..	25.9	24.0	23.2	28.3	86	..	5.7	..	2.5	0	0	15	00	1	0	1	0	4	7	2	15	0
	2330	64	1012.2	1004.9	..	24.9	23.7	23.2	28.3	90	..	5.1	..	3.8	0	0	21	03	10	5	1	0	0	0	2	9	0
TRIVANDRUM AERODROME	0830	8	1013.1	1012.2	+1.3	26.5	24.0	22.8	27.9	81	+ 1	5.9	+0.7	4.6	0	0	17	03	6	4	0	0	0	2	1	13	1
ARABIAN SEA ISLANDS																											
AMINI	0530	2	1010.4	1009.9	..	25.5	23.8	23.0	27.9	86	..	3.2	..	4.6	0	1	14	09	1	1	0	0	0	2	2	15	0
	0830	2	1012.6	1012.1	+1.0	27.8	24.9	23.6	28.9	77	- 1	4.2	-0.1	4.4	0	0	21	08	3	2	1	0	0	4	3	9	0
	1130	2	1012.5	1012.1	..	30.1	25.5	23.4	28.9	67	..	4.2	..	8.3	0	0	29	10	4	6	2	0	0	3	4	1	0
	1730	2	1009.7	1009.3	..	29.3	25.0	23.0	28.3	69	..	4.7	..	5.3	0	0	28	11	3	4	4	1	0	2	3	2	0
	2330	2	1011.9	1011.5	..	26.1	24.1	23.1	28.4	84	..	3.3	..	3.7	0	0	14	04	2	1	1	2	0	2	2	16	0
AGATTI	0830	4	1012.9	1012.3	..	27.6	25.1	23.8	29.7	78	..	5.4	..	2.0	0	0	18	10	3	0	1	0	1	1	2	12	0
	1730	4	1010.2	1009.7	..	29.2	25.3	23.4	28.9	72	..	5.2	..	3.2	0	0	25	08	6	3	3	0	1	1	3	5	0
ANDROTH	0830	5	1012.9	1012.5	..	25.7	24.7	24.2	30.2	91	..	5.0	..	0.5	0	0	7	00	4	0	0	0	1	0	2	23	0
	1730	5	1008.8	1008.3	..	28.9	25.4	23.9	29.7	75	..	5.1	..	0.5	0	0	6	01	0	0	0	0	0	0	1	24	4
MINICOY	0530	2	1010.8	1010.6	..	24.6	23.2	22.5	27.3	88	..	4.0	..	2.5	0	0	9	00	0	4	2	0	0	1	2	21	0
	0830	2	1012.8	1012.6	+1.2	27.6	24.8	23.5	28.9	79	+ 0	4.4	-0.1	3.3	0	0	19	02	6	4	3	0	0	2	2	11	0
	1130	2	1012.7	1012.5	..	29.9	25.6	23.7	29.3	69	..	5.0	..	5.9	0	0	30	05	1	9	5	0	1	4	5	0	0
	1430	2	1010.2	1010.0	..	29.7	25.3	23.4	28.6	69	..	4.9	..	5.9	0	0	27	02	3	5	6	0	1	2	8	3	0
	1730	2	1010.2	1010.0	+1.1	28.5	24.9	23.3	28.6	73	- 4	4.9	-0.4	4.3	0	0	24	01	5	5	4	0	0	3	6	6	0
	2030	2	1012.1	1011.9	..	25.9	23.9	22.8	28.1	83	..	3.0	..	2.2	0	0	10	00	4	1	2	0	0	1	2	20	0
	2330	2	1012.3	1012.1	..	25.1	23.6	22.8	27.9	87	..	3.7	..	2.5	0	0	11	01	2	3	2	0	0	0	3	19	0
HILL STATIONS (EXCLUDING KASHMIR)																											
DALHOUSIE	0830	1959	1475.2	802.8	+0.9	11.5	7.8	3.6	7.9	62	+ 9	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730	1959	1482.1	803.4	+2.3	13.0	10.3	7.8	10.6	73	+14	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
DHARMASALA	0830	1211	1574.3	887.6	+0.9	16.3	10.5	4.6	8.5	47	- 3	1.2	-0.2	0.8	0	0	20	02	16	2	0	0	0	0	0	10	0
	1730	1211	1561.3	885.8	+0.3	18.9	11.8	4.9	8.7	39	-13	2.5	+0.6	2.3	0	0	29	00	0	0	0	0	27	2	0	1	0
BHUNTAR	0830	1096	1551.7	898.8	..	6.1	5.1	3.9	8.1	86	..	1.5	..	3.3	0	1	21	11	2	1	1	2	0	0	5	8	0
	1130	1096	1551.5	897.3	..	14.5	9.1	3.2	7.5	47	..	1.9	..	3.6	0	0	24	01	8	7	5	2	0	0	1	6	0
	1730	1096	1522.6	893.9	..	16.7	10.4	3.7	8.0	43	..	2.1	..	10.8	0	5	23	02	0	4	6	8	2	1	5	2	0
SIMLA	0830	2202	1533.3	785.3	+1.4	10.9	3.7	- 8.6	2.9	26	- 5	0.9	-0.2	0.9	0	0	13	00	4	0	7	0	0	0	2	17	0
	1730	2202	1523.5	784.2	+1.3	10.2	5.3	- 0.9	5.7	47	- 1	0.3	-1.4	1.2	0	0	17	08	1	0	6	1	0	0	1	13	0
GHANGARIA (KANJALIA TOK)	0830		(R)																								
BADRINATH	0830		(R)																								
JOSHIMATH	0830		..	..	+ .	9.9	4.0	- 4.9	4.1	37	- 9	0.4	-1.4	5.3	0	0	26	01	1	20	0	2	2	0	0	4	0
	1730		..	..	+ .A	14.3	7.1	1.2	6.7	34	-16	0.6	-1.6	4.1	0	0	26	02	3	6	0	4	1	9	1	4	0
MUSSOORIE	0830	2042	1527.2	799.9	-0.4	11.6	5.8	- 1.7	5.3	41	- 8	1.1	+0.0	0.3	0	0	5	02	1	0	0	1	0	0	1	25	0
	1730	2042	1510.8	798.2	-0.3	11.5	7.8	4.0	8.1	62	- 6	0.8	-1.1	0.9	0	0	13	02	1	0	4	5	1	0	0	17	0
MUKTESWAR (KUMAUN)	0830	2311	3160.5	776.2	+1.9	9.7	4.2	- 4.0	4.4	39	- 2	1.5	+0.7	6.6	0	2	23	00	4	9	2	1	1	7	1	3	0
	1730	2311	3144.0	774.7	+1.8	9.4	5.8	1.1	6.6	59	+ 1	2.4	+1.2	10.5	0	3	20	02	1	4	0	1	4	8	3	3	0
NAINITAL	0830	1953	1529.7	807.7	+0.2	10.9	5.4	- 0.9	5.7	46	- 7	1.3	+0.6	1.9	0	0	14	07	0	2	3	0	0	2	0	16	0
	1730	1953	1511.7	806.6	+0.9	10.5	7.1	3.4	7.8	64	- 7	1.2	-0.7	5.0	0	0	29	03	0	1	2	3	1	19	0	1	0
KALIMPONG	0830	1209	1521.3	881.9	+0.6	16.6	14.3	12.6	14.6	79	+ 1	0.0	-2.0	5.6	0	0	30	00	3	0	0	0	3	0	24	0	0
	1730	1209	1485.2	878.1	-0.7	17.2	15.3	14.0	16.0	81	+ 1	0.0	-3.1	5.9	0	0	30	00	3	0	27	0	0	0	0	0	0
DARJEELING	0830	2128	1560.4	795.1	+1.4	12.2	8.9	5.9	9.3	67	- 1	3.5	+0.2	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	1730	2128	1541.9	793.0	+1.4	10.6	8.9	7.4	10.3	80	- 4	5.1	+0.6	0.1	0	0	1	00	0	0	0	0	1	0	0	29	0
KOHIMA	0830		(R)																								
	1730		(R)																								
SHILLONG (C.S.O.)	0830	1598	1545.1	845.0	+2.9	16.4	12.2	9.0	11.5	63	+ 0	2.7	+0.7	2.8	0	0	24	00	6	10	1	0	3	2	2	6	0
	1730	1598	1522.8	842.7	+3.1	14.2	13.2	12.5	14.5	90	+ 7	5.3	-1.0	1.1	0	0	8	00	1	2	1	1	2	1	0	22	0
CHERRAPUNJI	0830	1313	1492.0	868.1	-3.7	17.7	13.4	10.0	12.3	62	- 3	2.3	-0.4	10.3	1	0	29	00	29	0	0	0	1	0	0	[illegible]	[illegible]
	1730	1313	1489.3	868.0	-1.1	15.1	13.4	12.1	14.1	81	- 2	3.5	-0.1	4.7	0	0	30	00	3	0	0	0	27	0	0	0	0
ABU	0830	1195	1542.9	884.9	+0.4	19.0	12.1	5.4	9.0	44	+ 2	0.7	-0.1	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	1730	1195	1541.9	884.9	+2.0	21.8	12.6	2.9	7.5	29	- 5	0.5	-0.5	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
AIJAL	0830		(R)																								
	1730		(R)																								
PACHMARHI	0830	1075	1554.8	899.2	+1.4	17.8	11.6	5.7	9.1	45	-13	2.0	+0.1	1.7	0	0	14	00	6	6	1	0	0	0	1	16	0
	1730	1075	1536.1	896.7	+1.1	21.3	12.7	4.5	8.4	34	-16	2.5	+0.4	2.2	0	0	23	00	19	2	0	0	0	0	2	7	0
MAHABALESHWAR	0830	1382	1537.2	865.8	+0.8	17.1	12.3	7.7	10.5	56	- 7	1.5	-0.8	12.5	0	0	30	00	23	0	7	0	0	0	0	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – NOVEMBER, 1968 (KARTIKA 10 – AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or ht. in gpm. of mean standard isobaric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p.h.)			Wind direction									
															42 or more	20 to 41	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HILL STATIONS(EXCLUDING KASHMIR)																											
MAHABALESHWAR	1730	1382	1526.9	864.3	+1.4	20.5	14.9	9.7	12.0	52	-10	1.5	-1.2	11.0	0	0	30	00	21	0	7	0	0	0	2	0	0
MERCARA	0830	1153	1527.2	897.0	+0.3	18.6	17.5	16.9	19.3	91	+ 8	3.9	-0.3	13.5	0	4	26	07	19	3	0	0	0	1	0	0	0
	1730	1153	1509.6	885.8	+1.3	22.2	21.0	20.4	24.0	90	+17	5.3	+1.0	8.5	0	0	30	05	18	0	0	0	0	1	6	0	0
OOTACAMUND	0830	2249	1532.1	781.6	+1.4	12.7	10.9	9.4	11.9	81	- 1	3.6	-0.3	1.2	0	0	12	01	10	0	0	1	0	0	0	18	0
	1730	2249	1503.9	778.9	+0.2	14.7	12.7	11.5	13.4	80	+ 0	4.7	-0.8	0.5	0	0	6	00	5	0	1	0	0	0	0	24	0
COONOOR	0830	1747	..	..	..	17.0	14.6	13.1	15.1	79	+ 2	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
KODAIKANAL	0830	2343	3167.2	773.1	+1.1	12.9	11.5	10.3	12.7	85	+ 2	5.0	-0.2	12.0	0	3	24	06	9	2	6	1	0	1	2	3	0
	1130	2343	3170.5	772.9	..	15.0	12.9	11.4	13.6	80	..	6.7	..	11.8	0	3	26	05	6	6	6	3	0	0	3	1	0
	1730	2343	3147.2	771.3	+1.0	12.7	11.9	11.4	13.4	92	+ 0	6.9	+0.2	7.7	0	1	25	06	6	3	3	2	1	1	4	4	0
MANALI	0830	6690	..	..	..	3.2	0.4	- 3.9	4.4	61	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	6690	..	..	..	10.9	6.2	2.0	7.1	51	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
NEPAL																											
KATMANDU	0830	1324	1543.4	872.9	+0.4	10.3	9.9	9.5	11.9	95	+ 8	5.8	+1.3	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
	1130	1324	1538.0	871.5	..	19.8	14.1	9.5	11.9	52	..	2.5	..	0.6	0	0	8	03	0	4	0	1	0	0	0	22	0
	1730	1324	1517.4	869.7	+0.4	15.9	12.9	10.5	12.7	70	- 2	2.3	+0.3	1.5	0	0	11	04	2	0	0	2	2	1	0	19	0
SIKKIM																											
LACHEN	0830		(R)																								
HYDROMETEOROLOGICAL OBSERVATORIES																											
DAMODAR CATCHMENT																											
TILAIYA	0830		..	..	..	21.3	16.2	12.2	14.2	57	..	2.1	..	2.8	0	0	18	01	0	6	0	0	0	6	5	12	0
	1730		..	..	..	22.7	16.2	11.0	13.1	48	..	1.5	..	1.1	0	0	11	00	0	5	0	0	0	6	0	19	0
HAZARIBAGH	0830	615	1016.7	947.5	..	20.7	16.2	13.2	15.2	63	..	1.9	..	2.3	0	0	14	00	2	3	1	0	3	1	4	16	0
	1730	615	1014.0	944.8	..	19.2	15.5	12.8	14.8	67	..	2.5	..	0.2	0	0	2	00	0	0	2	0	0	0	0	28	0
KONAR	0830		(R)																								
	1730		(R)																								
BOKARO	0830	242	1016.4	988.4	..	19.3	15.8	13.1	15.1	67	..	1.0	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	242	1011.1	983.7	..	24.0	19.4	16.4	18.6	63	..	1.0	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
MAITHON	0830		..	..	..	25.9	18.3	12.8	14.8	46	..	1.3	..	3.0	0	0	30	02	6	0	2	0	2	5	13	0	0
	1730		..	..	..	26.9	18.9	13.3	15.3	44	..	1.2	..	3.0	0	0	30	01	8	0	0	0	0	2	19	0	0
RAMGARH	0830		..	..	..	18.8	15.2	12.4	14.4	67	..	1.8	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	22.8	17.0	12.7	14.7	53	..	1.3	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
PANCHET HILLS	0830		..	..	..	20.8	17.9	15.8	18.1	73	..	1.1	..	1.4	0	0	18	00	4	0	4	0	5	0	5	12	0
	1730		..	..	..	24.6	18.3	13.8	15.8	52	..	0.9	..	0.7	0	0	10	00	1	0	3	0	1	0	5	20	0
DURGAPUR	0830		..	..	..	22.8	18.2	15.0	17.0	62	..	1.1	..	10.4	0	5	23	11	3	1	0	2	0	1	10	2	0
	1730		..	..	..	25.0	19.0	15.0	17.0	54	..	0.8	..	5.6	0	0	28	15	3	0	2	6	0	0	2	2	0
MAHANADI CATCHMENT																											
GINABAHAR	0830		..	..	..	19.4	15.1	12.1	14.0	63	..	2.0	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
HIRAKUD	0830	159	1015.9	997.7	..	23.4	18.2	14.6	16.6	58	..	0.5	..	1.3	0	0	11	03	5	1	1	0	1	0	0	19	0
	1130	159	1014.6	996.6	..	27.4	19.7	14.7	16.7	46	..	0.7	..	2.7	0	0	23	03	5	1	0	0	2	6	6	7	0
	1730	159	1012.1	994.0	..	26.0	19.0	14.3	16.3	48	..	0.7	..	0.0	0	0	0	00	0	0	0	0	0	0	0	30	0
BHIMKUND	0830		..	..	..	19.4	16.0	13.5	15.5	68	..	1.3	..	1.5	0	0	11	00	2	0	0	0	0	0	9	19	0
	1730		..	..	..	24.8	18.0	13.2	15.2	49	..	1.8	..	0.2	0	0	3	00	0	0	0	0	0	0	3	27	0
SONEPUR	0830		(R)																								
KHIJRAWAN	0830		..	..	..	21.2	17.7	15.2	17.4	69	..	3.6	..	3.5	0	0	30	03	3	8	5	1	7	2	1	0	0
	1730		..	..	..	23.9	18.6	14.9	17.1	58	..	4.4	..	3.9	0	1	29	09	10	1	3	2	2	0	3	0	0
NARMADA CATCHMENT																											
BAGRA TAWA	0830		..	..	..	18.2	13.4	3.8	11.5	55	..	1.4	..	5.3	0	0	18	02	5	2	0	4	1	4	0	12	0
	1730		..	..	..	24.7	17.2	11.5	13.6	44	..	1.4	..	2.3	0	0	10	01	0	2	6	0	1	0	0	20	0
PUNASA	0830		..	..	..	21.0	16.8	13.4	15.7	64	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	29.7	20.4	14.2	16.4	39	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
THIKRI	0830		..	..	..	25.2	16.1	8.2	10.9	35	..	1.4	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
SABARMATI CATCHMENT																											
DABOI	0830		..	..	..	21.8	14.8	8.4	11.0	43	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	30.3	18.4	9.1	11.5	27	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER, 1968 (KARTIKA 10 - AGRAHAYANA 9, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations													
			At mean sea level or lat. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction										
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
GANDAK CATCHMENT																												
JAMOSOM	0830		..	..	..	5.3	1.7	- 3.1	4.9	57	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	9.3	4.9	0.2	6.3	55	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
KHUDI BAZAR	0830		..	..	..	16.1	12.4	9.1	11.7	63	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	19.3	15.3	12.5	14.6	65	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
TIMURE	0830		..	..	..	8.4	4.9	0.4	6.4	59	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	13.7	10.0	6.7	9.9	63	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
POKHARA	0830		..	..	..	17.3	14.0	11.3	13.6	68	..	2.7	..	3.1	0	0	24	06	2	0	4	4	2	1	5	6	0
	1130		..	..	..	21.4	16.0	12.1	14.3	66	..	2.8	..	4.2	0	0	27	00	1	2	10	6	7	0	0	3	1
	1730		..	..	..	18.0	15.0	12.9	14.9	72	..	1.4	..	1.4	0	0	12	02	3	4	2	0	0	0	1	18	0
GORKHA	0830		..	..	..	16.7	14.3	12.5	14.5	76	..	1.7	..	..	.	..	..	00	0	0	6	14	1	2	2	5	0
	1130		..	..	..	19.6	15.9	13.3	15.4	68	..	2.5	..	..	.	..	..	01	3	2	9	9	2	0	2	2	0
	1730		..	..	..	17.3	14.1	11.8	13.9	70	..	1.9	..	..	.	..	..	01	0	0	0	0	0	3	11	6	0
NUWAKOT	0830		..	..	..	16.7	14.4	12.7	14.8	78	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	19.1	14.7	11.5	13.6	61	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)																												
DAILEKH	0830		..	..	..	14.2	10.4	6.8	10.0	62	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	15.9	11.6	7.7	10.6	59	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GHAGHARA CATCHMENT																												
SALLYANA	0830		..	..	..	14.8	11.1	7.5	10.4	62	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	15.5	12.0	8.9	11.6	66	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BUTWAL	0830		..	..	..	21.6	16.9	13.4	15.5	59	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	22.1	18.7	16.5	18.8	71	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BAGHMATI CATCHMENT																												
KATMANDU	0830																											
	1130		SEE UNDER NEPAL																									
	1730																											
KOSI CATCHMENT																												
CHAUTARA	0830		..	..	..	14.7	12.5	10.8	13.1	78	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	16.8	12.8	9.9	12.3	64	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
WALUNGCHUNG GOLA	0830		..	..	..	7.1	2.1	- 5.3	4.1	43	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	4.2	1.9	- 1.1	5.8	71	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TAPLETHOK	0830		..	..	..	15.3	11.4	7.7	10.8	62	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	16.8	12.0	7.6	10.6	55	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BHOJPUR	0830		..	..	..	15.7	12.1	9.3	11.8	66	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	13.7	11.8	10.3	12.5	80	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TAPLEJUNG	0830		..	..	..	12.8	9.6	6.7	10.0	68	..	3.9	..	1.1	0	0	11	02	3	2	1	1	1	0	1	19	0
	1130		..	..	..	16.9	12.1	8.3	11.1	58	..	4.1	..	3.7	0	0	27	07	1	1	0	1	2	6	8	3	1
	1730		..	..	..	13.5	9.9	6.7	9.9	65	..	4.1	..	7.4	0	0	27	00	2	1	10	13	1	0	0	3	0
DKHALDHUNGA	0830		..	..	..	14.3	11.0	8.2	11.0	68	..	3.5	..	0.3	0	0	2	00	0	1	0	0	0	0	0	28	1
	1130		..	..	..	17.2	12.7	9.3	11.7	61	..	3.7	..	0.3	0	0	3	00	0	0	0	1	0	2	0	27	0
	1730		..	..	..	12.3	10.6	9.3	11.7	82	..	4.7	..	2.4	0	0	11	00	0	0	1	0	3	5	2	19	0
CHAINPUR	0830		..	..	..	16.4	13.2	10.7	12.9	70	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	16.4	12.8	9.9	12.2	66	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BARAHAKSHETRA	0830	146	1018.4	1001.4	..	18.6	16.2	14.8	16.6	77	..	2.9	..	1.3	0	0	11	01	0	2	3	3	1	0	0	19	1
	1130	146	1016.1	999.4	..	24.7	19.3	15.7	18.1	57	..	3.4	..	1.1	0	0	10	00	0	0	0	0	4	6	0	20	0
	1730	146	1014.3	997.4	..	20.4	18.1	16.7	19.1	79	..	3.1	..	2.1	0	0	23	00	0	20	3	0	0	0	0	7	0
TISTA CATCHMENT																												
GANGTOK	0830	1756	1532.7	822.3	..	9.9	7.9	5.7	9.1	77	..	4.1	..	0.7	0	0	7	01	4	0	0	2	0	0	0	28	0
	1130	1756	1518.2	821.3	..	14.9	10.5	6.8	9.9	60	..	4.9	..	4.9	0	0	25	00	0	0	1	7	17	0	0	5	0
	1730	1756	1506.8	819.9	..	10.8	8.7	6.8	9.9	78	..	6.8	..	3.0	0	0	16	01	0	1	5	5	3	0	1	14	0
GEZING	0830		(R)																								
	1730		(R)																								

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भारत सरकार

GOVERNMENT OF INDIA

मौसम विज्ञान विभाग

METEOROLOGICAL DEPARTMENT

भारतीय मौसम पुनरीक्षण

INDIA WEATHER REVIEW

1968

मासिक मौसम रिपोर्ट

MONTHLY WEATHER REPORT

दिसम्बर

DECEMBER

भारत सरकार के प्राधिकार द्वारा वेधशालाओं के महानिदेशक के निदेशाधीन प्रकाशित
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INDIA WEATHER REVIEW, 1968

Monthly Weather Report

DECEMBER

MONTHLY WEATHER REPORT

FOR

DECEMBER 1968

C O N T E N T S

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MEANINGS OF SYMBOLS AND ABBREVIATIONS IN TABLES II AND III

Symbol/Abbreviation	Meaning
(a)	Mean/total for 30 days
(b)	Mean/total for 29 days
(c)	Mean/total for 28 days
(d)	Mean/total for 27 days
(e)	Mean/total for 26 days
(f)	Mean/total for 25 days
(g)	Mean/total for 24 days
(h)	Mean/total for 23 days
(i)	Mean/total for 22 days
(j)	Mean/total for 21 days
(k)	Mean/total for 20 days
(l)	Mean/total for 19 days
(m)	Mean/total for 18 days
(n)	Mean/total for 17 days
(o)	Mean/total for 16 days
(p)	Mean/total for 15 days
(q)	Mean/total for 14 days
*	Closed during winter months
(R)	Register not received, hence data not available.
#	Data for less than 15 days, hence no means published
ds	Days
●	Data rejected
D.N.	Data not available
E	Estimated
H	Provisional height.

INDIA WEATHER REVIEW, 1968
Monthly Weather Report
DECEMBER

Published by the Authority of the Government of India

Chief features :-

i) Cyclonic storm in the Bay of Bengal in the middle of the month which caused good rainfall over south Peninsula in the third week;

ii) Passage of 4 western disturbances across northwest India which caused fairly widespread precipitation over Western Himalayas and good rainfall over many parts of north and central India.

iii) Moderate to severe cold wave over many parts of north and central India and northwestern parts of the Peninsula during the last week of the month.

A low pressure area which moved from the east into the south Andaman Sea at the end of last month, moved westwards across south Bay and extreme south Peninsula and lay as a trough off Kerala coast by the end of the first week and weakened later. Under the influence of this low pressure area, the Bay Islands experienced fairly widespread rain on the 1st and 2nd and the south Peninsula had good rainfall between 6th and 8th. The noteworthy amounts of rainfall were : Hut Bay 5 cm on 2nd, Tirupathi 4 cm on 6th, Cuddalore 6 cm and Pondicherry 5 cm on 7th, and Nagapattinam, Vedaranniyam, Palayankottai 4 cm each and Pamban 3 cm on 8th.

Another low pressure area appeared over extreme south Bay Islands on 8th. It moved into southeast Bay and persisted there till 11th. It concentrated into a depression on the morning of 12th near Lat. 5°N and Long. 91°E. Moving in a northwesterly direction, it intensified into a cyclonic storm on the morning of 14th with centre near Lat. 9.5°N and Long. 88°E. From 15th, it took a more westerly course and weakened into a depression by the morning of 17th when it was centred about 100 kms east of Nagapattinam. Thereafter taking a westsouthwestward course and weakened into a well marked low pressure area, it moved across extreme south Peninsula and lay off Kerala Coast and neighbourhood on 18th. By 20th this low pressure area moved away westwards across southeast Arabian Sea. Under the influence of this system there was good rainfall over the Bay Islands in the second week and over south Peninsula and Laccadives between 17th and 21st. Thereafter there was only light isolated rain over extreme south Peninsula and Laccadives. The significant amounts of rainfall in the Bay Islands were : Kondul 7 cm, Nancowry and Hut Bay 6 cm each on 12th; Car Nicobar 7 cm, Hut Bay 5 cm on 13th; Maya Bandar 5 cm on 15th. Over the south Peninsula, the noteworthy amounts were : Tuticorin 9 cm, Palayankottai, Atirampattinam, Vedaranniyam, Kodaikanal and Trivandrum 6 cm each on 18th; Madras 8 cm, Tirupathi, Coonoor and Minicoy 5 cm each on 19th.

In association with a trough in low level easterlies lying off the west coast, scattered showers fell over Madhya Maharashtra on 1st. Under the influence of an upper air trough extending to about 700 mb over Gujarat and adjoining Rajasthan, isolated light rain and thundershowers were reported over east Rajasthan on 4th and 5th.

Associated with feeble troughs in the lower tropospheric levels over the Peninsula and Gujarat-Rajasthan area, there was incursion of moisture into the Peninsula and the central parts of the country between 28th and 31st. Light rain was reported over some parts of the Peninsula and Vidarbha during this period. Kakinada and Gondia reported 3 cm of rain each on 30th and 31st respectively.

Four western disturbances moved across the extreme northern parts of the country during the month. The first western disturbance which was seen over Baluchistan - Afghanistan area on the 4th moved across Kashmir on the 7th giving isolated rain and snow over Jammu and Kashmir. The second western disturbance moved across Western Himalayas between 10th and 12th. It caused widespread rain and snow over Western Himalayas on 11th and 12th and fairly widespread rain and thundershowers over Punjab on 12th. Banihal recorded 7 cm of rain, Quazigund 6 cm and Dalhousie 4 cm on 12th. The third western disturbance moved into Punjab and Haryana on 24th and moved northeastwards across Western Himalayas by 26th. It caused fairly widespread rain and snow over Western Himalayas and thunderstorms over Punjab during this period. The noteworthy amounts of precipitation were : Chandigarh 6 cm, Mandi 5 cm, Banihal 4 cm on 25th; Dharm-

sala 5 cm and Tehri 4 cm on 26th. According to press reports, the heavy snowfalls in Simla and other places in Western Himalayas led to disruption of road and rail traffic during this period. An induced low pressure area also formed over northeast Gujarat and adjoining Rajasthan on 24th. This induced low pressure area moved eastwards across Madhya Pradesh and Uttar Pradesh to Bihar by 26th and weakened over northeast India by 27th. Under the influence of this low pressure area, there was scattered light rain over the central parts of the country on 25th and fairly widespread light rain over the northern parts of Madhya Pradesh, over Uttar Pradesh, Bihar State and parts of West Bengal on 26th and 27th. The fourth western disturbance which moved across Western Himalayas on 30th and 31st gave light rain and snow over this area on those two days.

In the wake of the third western disturbance, a moderate to severe cold wave began to affect east Rajasthan, Gujarat State and adjoining Madhya Pradesh and Maharashtra State on 26th and 27th. Later it spread eastwards affecting most parts of Maharashtra, Madhya Pradesh, many parts of Uttar Pradesh, Bihar State and Gangetic West Bengal. By the end of the month it started abating. A few stations in northwest India and west Madhya Pradesh recorded sub-freezing temperatures. Poona reported a minimum temperature of 3.3°C on 27th, the lowest ever recorded for the month.

Apart from this cold wave, the night temperatures were also generally below normal (1) over most parts of north India during the periods 1st to 4th and 17th to 22nd, being appreciably so over the central and northeast India on 19th and 20th; (2) over northeast India during the period 7th to 10th and over Rajasthan and Gujarat State on 25th, being appreciably so over Gujarat State; (3) over central and north-east Peninsula on 4th and (4) over south Peninsula and east coastal Peninsula during the period 11th to 15th. Night temperatures were generally above normal (1) over east Rajasthan and adjoining Gujarat State during the period 5th to 10th, being appreciably so between 5th and 7th; (2) over most parts of north India during the period 11th to 14th, being appreciably so over northwest India on 11th and 12th; (3) over Bihar State and adjoining areas during the period 25th to 27th; (4) over northwest Peninsula during the periods 1st to 3rd, 6th to 9th and 21st and 22nd being appreciably so over most parts of northwest Peninsula during these periods and (5) over most parts of the Peninsula during the periods 18th to 20th and 25th to 31st being appreciably so in the central parts of the Peninsula during most of these two periods.

The total rainfall for the month was in moderate defect in East Uttar Pradesh, Punjab, Coastal Andhra Pradesh and south Interior Mysore; in slight defect in Bihar Plateau, west Uttar Pradesh, Jammu and Kashmir, Madras State and the Arabian Sea Islands. It was normal in the Bay Islands and Kerala; in moderate excess in Vidarbha and in large excess in Bihar Plains, Haryana, Himachal Pradesh and Rayalaseema. It was in large defect over the rest of the country. There was no rain in west Rajasthan, Gujarat, Saurashtra-Kutch and Konkan.

The mean maximum temperature was normal over the whole country.

The mean minimum temperature was above normal in Haryana; below normal in North Assam, Gangetic West Bengal, Orissa and Bihar and normal over the rest of the country.

The mean Relative Humidity in the morning was below normal in Gangetic West Bengal, Bihar Plateau, East Uttar Pradesh, East Rajasthan, east Madhya Pradesh, Gujarat, Saurashtra-Kutch, Marathwada, Vidarbha, and Telangana. It was normal over the rest of the country.

The mean Relative Humidity in the evening was below normal in Himachal Pradesh, East Rajasthan, Gujarat and Marathwada. It was normal over the rest of the country.

The mean cloud amount in the morning was above normal in Gangetic West Bengal, Orissa, Bihar Plateau, East Madhya Pradesh, Marathwada, Telangana, Rayalaseema, Coastal and North Interior Mysore and the Arabian Sea Islands; below normal in North Assam, Uttar Pradesh, Haryana, Himachal Pradesh, Jammu and Kashmir, Rajasthan, west Madhya Pradesh, Gujarat and Saurashtra-Kutch. It was normal over the rest of the country.

The mean cloud amount in the evening was normal in Bay Islands, South Assam, Sub-Himalayan West Bengal, Gangetic West Bengal, Punjab, Himachal Pradesh, east Madhya Pradesh, Madhya Maharashtra, Vidarbha and Madras State; below normal in North Assam, Uttar Pradesh, Haryana, Jammu and Kashmir, Rajasthan, west Madhya Pradesh, Gujarat and Saurashtra-Kutch. It was above normal over the rest of the country.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 17 chief political divisions and the 33 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. IST of the date noted in the succeeding column; similarly the heaviest rainfall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hours IST of the date given in the succeeding column.

Poona-5;

25th February 1969.

Y.P. RAO,

for Director General of Observatories

TABLE I - DIVISIONAL AND SUB-DIVISIONAL MEANS - DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

DIVISION	Rainfall (millimetres)	Percentage of normal	Mean maximum temperature °C	Mean minimum temperature °C	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud Amount (Oktas) 0830 hrs. IST.	Cloud Amount (Oktas) 1730 hrs. IST.
1	2	3	4	5	6	7	8	9
1.ASSAM (INCLUDING	1.3	14	25.3	10.5	79	72	1.5	1.5
NEFA, N.L.ETC)	- 8.2		+0.5	-1.0	- 2	- 3	-0.6	-0.4
2.WEST BENGAL	0.4	11	25.9	12.0	66	61	1.6	1.6
	- 3.3		-0.3	-1.2	- 6	- 1	+0.4	0.0
3.ORISSA	1.2	23	27.3	12.3	69	56	2.4	2.5
	- 4.0		+0.1	-2.0	- 1	+ 2	+0.8	+0.6
4.BIHAR	5.7	168	25.0	9.3	70	56	1.7	1.7
	+ 2.3		-0.3	-1.5	- 3	- 2	+0.5	+0.4
5.UTTAR PRADESH	7.2	76	23.8	8.0	70	54	1.0	0.9
	- 2.3		+0.1	-0.6	- 6	- 1	-0.4	-0.7
6.HARYANA (INCLU.	21.4	180	22.6	9.5	71	42	1.1	1.4
DELHI CHANDIGARH)	+ 9.5		-0.6	+2.1	- 1	- 3	-0.6	-0.5
7.PUNJAB	8.5	54	22.5	5.7	77	55	1.8	2.3
	- 7.2		+0.4	-0.4	- 3	+ 1	-0.4	-0.2
8.HIMACHAL	103.0	312	20.9	4.7	91	55	1.4	3.8
PRADESH	+ 70.0		+0.3	+0.3	- 4	- 6	-4.0	+0.1
9.JAMMU AND	21.3	84	10.7	- 1.4	69	57	2.8	2.7
KASHMIR	- 4.1		+0.2	-0.2	0	+ 2	-1.4	-1.9

DIVISION	Rainfall (millimetres)	Percentage of normal	Mean maximum temperature °C	Mean minimum temperature °C	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud Amount (Oktas) 0830 hrs. IST.	Cloud Amount (Oktas) 1730 hrs. IST.
1	2	3	4	5	6	7	8	9
10.RAJASTHAN	0.2	4	25.8	7.9	58	36	0.6	0.8
	- 4.3		+0.7	-0.3	- 7	- 5	-1.1	-1.2
11.MADHYA PRADESH	1.7	31	26.7	9.7	59	38	1.4	1.5
	- 3.8		+0.3	-0.4	- 7	- 3	-0.2	-0.3
12.GUJARAT STATE	0.0	0	29.8	13.9	43	33	0.8	0.9
(INCLU.DIU ETC)	- 1.1		+0.5	+0.2	- 9	- 5	-0.7	-0.6
13.MAHARASHTRA	2.5	52	29.9	15.3	58	43	2.0	2.2
STATE (INCL.GOA)	- 2.3		+0.1	0.0	- 4	0	+0.3	+0.3
14.ANDHRA PRADESH	13.1	85	29.3	18.0	72	54	3.3	3.8
	- 2.4		+0.6	+0.7	- 2	+ 1	+0.6	+0.9
15.MADRAS STATE	75.8	85	29.2	21.0	82	68	5.1	4.7
(INCL.PONDICH.)	- 13.8		+0.4	0.0	+ 2	+ 2	+0.7	+0.1
16.MYSORE	3.8	39	29.2	17.2	68	45	3.6	4.0
	- 5.9		+0.3	+0.6	- 1	0	+0.8	+1.0
17.KERALA	43.0	99	31.8	22.2	75	63	4.3	4.9
	- 0.4		+0.5	-0.1	0	0	+0.7	+0.8

SUB-DIVISION	Rainfall (millimetres)	Percentage of normal	Mean maximum temperature °C	Mean minimum temperature °C	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud Amount (Oktas) 0830 hrs. IST.	Cloud Amount (Oktas) 1730 hrs. IST.
SUB-DIVISION								
1.BAY ISLANDS	156.5	106	30.1	23.0	78	80	4.9	5.2
	+ 8.4		+0.8	-0.8	+ 1	- 1	+0.3	+0.6
2.NORTH ASSAM	1.7	14	25.6	10.2	79	74	1.2	1.3
(INCLUDING NEFA)	- 10.6		+0.9	-1.5	- 3	- 3	-1.1	-0.6
3.SOUTH ASSAM	0.5	19	24.7	11.1	78	67	2.0	1.9
(INCL.N.LAND ETC)	- 2.2		-0.3	-0.2	- 1	- 4	+0.2	+0.1
4.SUB-HIMALAYAN	0.5	19	26.0	10.8	73	67	1.4	1.3
WEST BENGAL	- 2.1		+0.5	-0.9	- 4	- 3	+0.1	-0.3
5.GANGETIC WEST-	0.3	7	25.9	12.4	64	58	1.7	1.7
BENGAL	- 3.8		-0.5	-1.3	- 6	- 1	+0.5	+0.1
6.ORISSA	1.2	23	27.3	12.3	69	56	2.4	2.5
	- 4.0		+0.1	-2.0	- 1	+ 2	+0.8	+0.6
7.BIHAR PLATEAU	3.6	80	25.2	9.5	61	47	2.3	2.1
	- 0.9		-0.1	-1.5	- 7	- 5	+1.0	+0.6
8.BIHAR PLAINS	7.0	269	24.8	9.1	76	62	1.3	1.5
	+ 4.4		-0.6	-1.6	- 1	+ 1	+0.2	+0.4
9.UTTAR PRADESH	2.5	51	24.5	8.9	71	57	0.9	0.8
(EAST)	- 2.4		0.0	-0.3	- 7	- 1	-0.4	-0.6
10.UTTAR PRADESH	14.3	87	22.7	6.7	69	48	1.1	1.2
(WEST)	- 2.1		+0.2	-1.0	- 4	- 3	-0.6	-0.7
11.HARYANA (INCLU.	21.4	180	22.6	9.5	71	42	1.1	1.4
DELHI CHANDIGARH)	+ 9.5		-0.6	+2.1	- 1	- 3	-0.6	-0.5
12.PUNJAB	8.5	54	22.5	5.7	77	55	1.8	2.3
	- 7.2		+0.4	-0.4	- 3	+ 1	-0.4	-0.2
13.HIMACHAL	103.0	312	20.9	4.7	91	55	1.4	3.8
PRADESH	+ 70.0		+0.3	+0.3	- 4	- 6	-4.0	+0.1
14.JAMMU AND KASH-	21.3	84	10.7	- 1.4	69	57	2.8	2.7
-MIR	- 4.1		+0.2	-0.2	0	+ 2	-1.4	-1.9
15.RAJASTHAN (WEST)	0.0	0	26.1	7.8	58	38	0.6	0.9
	- 4.4		+0.8	-0.6	- 3	- 1	-1.2	-1.1
16.RAJASTHAN (EAST)	0.4	9	25.6	7.9	58	34	0.6	0.8
	- 4.1		+0.6	-0.2	-10	- 9	-1.1	-1.2
17.MADHYA PRADESH	1.2	21	26.9	9.6	57	36	1.0	1.2
(WEST)	- 4.6		+0.4	-0.5	- 5	- 1	-0.7	-0.8

SUB-DIVISION	Rainfall (millimetres)	Percentage of normal	Mean maximum temperature °C	Mean minimum temperature °C	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud Amount (Oktas) 0830 hrs. IST.	Cloud Amount (Oktas) 1730 hrs. IST.
SUB-DIVISION (CONTD)								
18.MADHYA PRADESH	2.3	45	26.4	9.7	62	42	1.8	1.8
(EAST)	- 2.8		0.0	-0.4	- 8	- 4	+0.4	+0.1
19.GUJARAT REGION	0.0	0	30.7	13.9	49	30	1.0	0.9
(INCL.DAMAN ETC)	- 0.7		+0.5	+0.8	-10	- 6	-0.5	-0.5
20.SAURASHTRAKUTCH	0.0	0	29.2	13.9	48	35	0.7	0.9
(INCLUDING DIU)	- 1.3		+0.4	-0.2	- 8	- 4	-0.9	-0.7
21.KONKAN	0.0	0	31.2	20.5	65	61	2.0	2.2
(INCLUDING GOA)	- 2.2		+0.1	+0.3	0	0	+0.3	+0.4
22.MADHYA-	0.2	4	30.2	13.6	56	36	1.9	2.3
-MAHARASHTRA	- 4.7		+0.2	+0.1	- 3	+ 2	+0.3	+0.3
23.MARATHWADA	0.5	6	29.0	12.2	47	28	2.3	2.6
	- 8.5		0.0	-0.1	- 8	- 8	+0.6	+0.5
24.VIDARBHA	7.8	134	28.8	13.3	57	39	1.9	2.0
	+ 2.0		+0.2	-0.4	- 7	- 1	+0.3	+0.1
25.COASTAL ANDHRA	16.1	71	29.0	19.4	76	63	3.2	3.8
-PRADESH	- 6.5		+0.6	+0.6	0	0	+0.4	+0.8
26.TELANGANA	0.5	10	29.8	16.2	66	42	3.1	3.3
	- 4.5		+0.6	+0.9	- 6	0	+0.8	+0.9
27.RAYALASEEMA	28.3	161	29.0	17.8	74	54	3.8	4.5
	+ 10.7		+0.4	+0.7	0	+ 4	+0.8	+1.1
28.MADRAS STATE	75.8	85	29.2	21.0	82	68	5.1	4.7
(INCL.PONDICH.)	- 13.8		+0.4	0.0	+ 2	+ 2	+0.7	+0.1
29.COASTAL MYSORE	0.3	3	32.5	20.6	66	58	3.5	3.6
	- 11.1		+0.3	+0.1	- 2	- 3	+0.8	+0.7
30.INTERIOR MYSORE	3.1	48	29.1	16.7	60	37	3.3	3.9
(NORTH)	- 3.3		+0.3	+0.9	- 2	+ 1	+1.2	+1.3
31.INTERIOR MYSORE	6.1	52	27.3	16.1	77	45	4.1	4.3
(SOUTH)	- 5.7		+0.2	+0.2	+ 1	0	+0.6	+0.8
32.KERALA	43.0	99	31.8	22.2	75	63	4.3	4.9
	- 0.4		+0.5	-0.1	0	0	+0.7	+0.8
33.ARABIAN SEA-	52.6	83	30.9	23.2	77	71	4.5	5.6
ISLANDS	- 10.8		+0.3	-0.4	+ 1	- 3	+0.9	+1.2

Note :- The entries in the second line for each division and sub-division indicate departures from normal.

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - DECEMBER, 1968 (AGRAHAYANA TO PAUSA 10, 1890 SAKA).

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No. of rainy days (2.5 mm or more): Total in the month	Departure from normal	Wind speed km per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 to 0.2 mm	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
MAYA BANDAR	29.6	+1.7	30.4	17	23.8	+0.6	21.0	28	26.8	70.8	+ 29.8	48.4	15	5	+ 2.4	16.0	13.2	+2.3	0	7	0	0	0	0	0	0	0	0
LONG ISLAND	30.0	+0.1	31.4	05	23.7	+0.8	18.7	31	45.0	86.8	+ 53.4	14.6	15	7	+ 4.4	5.4	3.6	+1.7	0	7	0	0	0	0	0	0	0	0
PORT BLAIR	30.9	+1.9	32.3	07	23.5	+0.4	19.9	31	53.7	110.7	- 89.2	39.6	15	6	- 1.4	10.1	8.9	-5.0	0	10	0	0	5	0	0	0	0	0
CAR NICOBAR	30.2	+0.6	31.0	05	23.1	-1.3	18.7	29	13.2	157.0	+ 8.3	69.2	13	9	+ 3.9	7.7	4.8	-1.7	0	14	0	0	1	0	0	0	0	0
NAN COWRY	31.3	0.0	33.0	15	21.1	-2.9	18.7	12	96.7	277.0	+ 56.5	58.8	12	12	+ 2.3	1.9	1.3	+0.6	0	15	0	0	2	0	0	0	0	0
KONDUL	28.8	+0.5	30.6	15	22.6	-2.3	20.7	09	89.4	236.8	- 8.4	71.6	12	11	- 0.6	6.9	4.8	-5.1	0	12	0	0	0	0	0	0	0	0
NORTH ASSAM (INCLUDING NEFA)																												
PASIGHAT	25.0	+1.1	28.2	02	13.2	-0.1	10.6	28	9.2	10.6	- 11.9	10.6	29	1	- 0.9	10.5	17.2	+3.5	0	1	0	0	1	0	0	0	0	0
DIBRUGARH (MOHANBARI)	25.1	+1.4	28.1	02	7.3	-2.4	4.6	18	0.0	0.0	- 22.1	0.0	..	0	- 2.4	4.4	2.3	+0.6	0	0	0	0	0	10	0	0	0	0
DIGBOI	23.9	+0.5	27.7	06	10.0	-1.1	7.4	17	0.4	1.4	- 20.5	1.4	29	0	- 2.1	..	..	..	0	1	0	0	0	0	0	0	0	0
NORTH LAKHIMPUR	25.9	+1.7	29.2	01	6.8	-2.5	4.3	18	0.0	0.0	- 32.2	0.0	..	0	- 3.3	3.8	1.9	..	0	0	0	0	0	0	0	0	0	0
SIBSAGAR	..	..	..	..	..	..	..	..	0.0	0.0	- 15.5	0.0	..	0	- 1.4	..	..	..	0	0	..	..	..	..	..	.	..	.
GOHPUR	25.8	+1.7	29.2	01	7.5	-2.5	5.4	21	14.2	14.2	- 4.6	14.2	02	1	0.0	1.6	1.3	..	0	1	0	0	0	0	0	0	0	0
MAJBAT	26.3	..	29.5	02	9.1	..	6.0	30	0.0	0.0	- 15.0	0.0	..	0	- 1.4	0.6	2.1	-0.6	0	0	0	0	0	0	0	0	0	0
JORHAT AERODROME	25.2	..	28.4	01	9.3	..	7.1	31	4.5	4.5	..	4.5	29	1	..	..	..	..	0	1	0	0	0	27	0	0	0	0
TANGLA	26.9	+1.0	30.4	02	9.9	-1.3	7.1	29	0.0	0.0	- 8.2	0.0	..	0	- 1.0	1.5	1.3	0.0	0	0	0	0	0	0	0	0	0	0
TEZPUR	26.0	+1.3	29.4	02	11.3	-1.1	9.0	31	0.0	0.0	- 6.9	0.0	..	0	- 0.7	3.4	2.6	+0.5	0	0	0	0	0	2	0	0	0	0
GOLAGHAT	25.5	+1.1	28.6	02	10.1	-1.9	7.4	31	0.0	0.0	- 17.5	0.0	..	0	- 1.3	1.2	1.2	..	0	0	0	0	0	0	0	0	0	0
RANGIA	25.5	-0.2	29.5	02	11.0	-2.1	8.1	31	0.0	0.0	- 3.6	0.0	..	0	- 0.2	..	..	..	0	0	0	0	0	0	0	0	0	0
CHAPARMUKH	26.5	+0.8	29.1	01	12.3	+0.3	8.2	31	0.0	0.0	- 6.2	0.0	..	0	- 1.0	..	..	..	0	0	0	0	0	0	0	0	0	0
GOALPARA	27.2	+1.2	30.6	01	13.6	+1.4	10.4	16	0.0	0.0	- 5.5	0.0	..	0	- 0.3	3.1	1.8	+0.4	0	0	0	0	0	0	0	0	0	0
GAUHATI (BHORJOR)	25.2	+0.4	29.0	02	10.2	-1.7	7.0	31	0.0	0.0	- 7.2	0.0	..	0	- 0.8	4.4	2.4	..	0	0	0	0	0	17	0	0	0	0
DHUBRI (RUPSI)	25.3	0.0	29.1	02	9.4	-2.3	4.7	29	0.0	2.2	+ 1.6	2.2	28	0	- 0.1	6.2	4.5	+1.8	0	1	0	0	0	0	0	0	0	0
DHUBRI	24.2	+0.5	27.2	03	10.4	-1.9	9.1	31	0.0	0.0	- 1.3	0.0	..	0	- 0.1	1.7	5.3	+1.2	0	0	0	0	0	0	0	0	0	0
LUMDING	25.7	+1.3	29.2	03	8.5	-2.1	5.9	30	0.0	0.0	- 4.6	0.0	..	0	- 0.6	2.3	1.5	..	0	0	0	0	0	0	0	0	0	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																												
TURA	..	..	..	..	13.9	+0.4	8.6	29	0.0	0.0	- 0.7	0.0	..	0	- 0.2	3.9	5.2	+0.1	0	0	0	0	0	0	0	0	0	0
HAFLONG	18.4	-3.0	21.6	06	13.6	+2.0	12.0	29	3.2	3.2	+ 0.4	3.2	02	1	+ 0.1	..	..	..	0	1	0	0	1	0	0	0	0	0
SILCHAR (KUMBHIRGRAM)	27.1	+0.2	31.1	01	12.4	-0.3	8.7	31	0.0	0.0	- 1.9	0.0	..	0	- 0.5	4.9	7.4	0.0	0	0	0	0	0	0	0	0	0	0
SILCHAR	26.3	-0.2	31.5	06	13.0	-0.3	8.9	31	0.0	0.0	- 8.6	0.0	..	0	- 0.6	..	..	..	0	0	0	0	0	1	0	0	0	0
IMPHAL (TULIHAL)	23.3	+1.2	27.3	01	2.8	-2.3	0.0	31	0.0	0.0	- 3.1	0.0	..	0	- 0.5	..	..	..	.	..	0	0	0	9	0	0	0	0
KAILASHAHAR	26.7	0.0	31.7	05	10.8	-0.4	6.9	30	0.0	0.0	0.0	0.0	..	0	0.0	4.3	2.3	+1.0	0	0	0	0	0	12	0	0	0	0
AGARTALA	26.5	0.0	31.1	01	11.0	-0.4	5.6	30	0.0	0.1	- 1.6	0.1	26	0	- 0.1	6.4	3.4	+0.5	1	0	0	0	0	11	0	0	0	0
SUB-HIMALAYAN WEST BENGAL																												
BAGHDOGRA	27.1	+1.1	30.4	01	7.3	-2.6	4.5	29	0.0	0.0	- 1.1	0.0	..	0	- 0.1	6.8	5.5	+2.2	0	0	0	0	0	2	0	0	0	0
JALPAIGURI	25.9	+0.9	0.0	00	11.6	-0.5	0.0	00	0.0	0.0	- 4.3	..	..	..	..	4.0	3.2	+0.3	.	..	0	0	0	0	0	0	0	0
COOCH BEHAR AERODROME	25.6	-0.2	29.0	02	11.7	-1.0	8.3	31	0.0	0.0	- 3.3	0.0	..	0	- 0.2	4.5	2.1	+0.4	0	0	0	0	1	7	0	0	0	0
BALURGHAT	26.6	..	30.2	02	12.0	..	6.8	29	0.0	0.5	..	0.5	27	0	..	3.5	2.5	..	0	1	0	0	0	0	0	0	0	0
MALDA	25.4	+0.3	27.9	01	12.5	+0.3	7.2	29	0.0	1.8	0.0	1.8	07	0	- 0.2	3.3	2.4	-2.0	0	1	0	0	0	0	0	0	0	0
GANGETIC WEST BENGAL																												
BERHAMPORE	26.1	-0.3	29.5	01	12.8	-0.3	7.2	29	0.0	0.0	- 4.1	0.0	..	0	- 0.4	2.5	1.5	+0.2	0	0	0	0	0	22	0	0	0	0
SURI	25.4	-0.3	27.9	06	12.3	-2.0	7.6	30	..	0.0	- 3.5	0.0	..	0	- 0.1	.	4.2	-1.5	0	0	0	0	0	0	0	0	0	0
ASANSOL	26.8	+0.6	29.4	06	9.9	-2.5	4.6	29	0.1	0.1	- 4.5	0.1	27	0	- 0.3	6.5	3.9	-1.4	1	0	0	0	0	0	0	0	0	0
SHANTI NIKETAN	26.2	..	28.8	01	11.4	..	6.3	31	0.5	0.5	..	0.5	28	0	..	5.9	5.3	..	0	1	0	0	0	0	0	0	0	0
KRISHNANAGAR	26.6	-0.8	30.3	03	10.4	-1.7	4.4	29	0.0	0.0	- 3.6	0.0	..	0	- 0.3	1.9	1.1	-0.6	0	0	0	0	0	0	0	0	0	0
PURULIA	25.4	-0.6	27.5	12	11.8	-1.5	7.2	29	2.6	3.8	+ 2.5	2.6	28	1	+ 0.7	5.1	3.2	+0.6	0	2	0	0	0	0	0	0	0	0
BANKURA	26.9	..	29.0	07	12.0	..	9.7	23	0.0	0.0	- 3.6	0.0	..	0	- 0.4	2.0	1.7	..	0	0	0	0	0	0	0	0	0	0
BURDWAN	26.4	+0.2	29.2	01	12.6	-1.0	8.4	29	0.0	0.0	- 5.1	0.0	..	0	- 0.3	4.1	3.1	+0.6	0	0	0	0	0	0	0	0	0	0
CALCUTTA (DUM DUM)	25.6	-0.9	28.3	05	12.5	-0.5	8.0	30	0.0	0.0	- 3.6	0.0	..	0	- 0.3	7.0	3.4	-0.1	0	0	0	0	0	2	0	0	0	0
CALCUTTA	26.7	-0.3	29.8	01	13.7	-0.5	9.6	30	0.0	0.0	- 4.1	0.0	..	0	- 0.4	6.3	3.3	+0.8	0	0	0	0	0	1	0	0	0	0
MIDNAPORE	25.5	-1.2	27.5	05	11.6	-1.7	7.5	30	0.0	0.0	- 5.1	0.0	..	0	- 0.3	6.0	3.5	+0.4	0	0	0	0	0	0	0	0	0	0
CONTAI	25.7	-1.4	28.2	02	13.3	-1.5	9.9	31	0.0	0.0	- 4.3	0.0	..	0	- 0.2	4.2	2.3	-0.8	0	0	0	0	0	0	0	0	0	0
SAGAR ISLAND	24.7	-0.6	26.6	01	15.8	-0.6	11.6	29	0.0	0.0	- 6.1	0.0	..	0	- 0.3	15.9	11.9	+0.8	0	0	0	0	0	23	0	0	0	0
SANDHEADS	26.2	..	29.5	20	21.0	..	15.0	19	0.0	0.0	- 10.7	0.0	..	0	- 0.4	..	..	..	0	0	0	0	0	0	0	0	0	0
ORISSA																												
BARIPADA	26.6	-1.4	28.3	01	..	..	..	..	0.0	0.0	- 0.6	0.0	..	0	0.0	2.7	1.2	-0.3	0	0	0	0	0	0	0	0	0	0
JHARSUGUDA	27.8	+0.2	30.0	13	11.1	-1.0	6.5	29	0.0	0.0	- 1.4	0.0	..	0	- 0.2	6.8	5.8	+0.7	0	0	0	0	0	0	0	0	0	0
KEONJHARGARH	26.7	+1.3	27.9	06	10.1	-2.2	6.2	30	0.0	0.0	- 7.6	0.0	..	0	- 0.3	1.9	2.9	0.0	0	0	0	0	0	0	0	0	0	0
BALASORE	26.2	-0.7	27.7	01	12.0	-2.1	8.4	30	0.0	2.0	- 4.3	2.0	27	0	- 0.4	6.4	3.8	+0.1	0	1	0	0	0	0	0	0	0	0
SAMBALPUR	27.8	+0.1	29.1	06	11.5	-0.7	8.4	30	0.0	0.0	- 3.8	0.0	..	0	- 0.4	0.4	2.5	-0.1	1	0	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
ORISSA (CONTD.)																												
ANGUL	27.2	+0.3	28.6	22	11.8	-1.6	9.2	30	0.0	0.0	- 3.6	0.0	..	0	- 0.4	..	..	..	0	0	0	0	0	0	0	0	0	0
CHANDBALI	26.2	-0.7	28.9	12	12.5	-2.2	9.0	30	0.0	0.0	- 8.4	0.0	..	0	- 0.5	6.6	4.8	-0.5	0	0	0	0	0	0	0	0	0	0
BOLANGIR	27.8	+0.3	29.7	08	11.5	-2.2	8.8	30	0.0	0.0	- 4.9	0.0	..	0	- 0.5	2.6	3.0	-0.9	0	0	0	0	0	0	0	0	0	0
PHULBANI	26.7	..	29.0	07	7.5	..	3.6	18	0.0	0.0	..	0.0	..	0	..	3.3	1.3	..	0	0	0	0	0	0	0	0	0	0
CUTTACK	28.8	+0.4	30.8	13	15.1	-0.4	12.1	30	0.0	0.0	- 7.1	0.0	..	0	- 0.4	3.8	2.4	-0.2	0	0	0	0	0	0	0	0	0	0
TITLAGARH	28.7	+0.6	30.6	27	12.6	-0.6	9.3	17	14.5	14.9	+ 14.2	14.5	28	1	+ 0.8	3.1	3.3	+1.5	0	2	0	0	1	0	0	0	0	0
BHUBANESWAR	27.3	-0.9	29.1	12	14.0	-1.8	11.0	30	0.0	0.0	- 2.9	0.0	..	0	- 0.4	10.9	8.3	+1.8	0	0	0	0	0	0	0	0	0	0
PURI	29.0	+1.8	29.6	17	9.9	-7.8	8.3	27	0.0	0.0	- 9.4	0.0	..	0	- 0.6	..	..	..	0	0	0	0	0	0	0	0	0	0
GOPALPUR	27.5	0.0	29.5	08	15.3	-1.3	13.4	19	0.0	0.0	- 13.7	0.0	..	0	- 0.6	..	..	..	0	0	0	0	0	0	0	0	0	0
KORAPUT	25.0	+0.5	28.4	26	..	..	..	..	0.0	0.0	- 2.8	0.0	..	0	- 0.3	..	..	..	0	0	0	0	0	0	0	0	0	0
BIHAR PLATEAU																												
DUMKA	25.8	-0.1	28.3	14	10.5	-0.9	6.4	31	0.0	1.8	- 2.0	1.8	27	0	- 0.3	3.7	3.5	+1.1	0	1	0	0	0	0	0	0	0	0
DALTONGANJ	25.2	+0.1	27.1	01	6.9	-1.9	2.3	30	0.0	4.0	- 0.6	4.0	27	1	+ 0.6	5.0	3.1	+0.8	0	1	0	0	0	0	0	0	0	0
HAZARIBAGH	22.5	-0.6	25.6	06	7.7	-1.7	3.0	31	0.0	6.4	+ 0.6	6.4	27	1	+ 0.6	10.7	7.8	+1.8	0	1	0	0	1	0	0	0	0	0
DHANBAD	25.7	+0.5	27.7	07	11.8	-0.6	7.7	29	0.0	0.0	- 5.2	0.0	..	0	- 0.4	4.4	3.1	-3.0	0	0	0	0	0	0	0	0	0	0
RANCHI AERODROME	22.9	-0.3	25.2	07	9.2	-1.3	5.3	29	0.0	0.2	- 3.7	0.2	27	0	- 0.3	13.5	9.0	+1.6	1	0	0	0	0	1	0	0	0	0
JAMSHEDPUR	26.8	0.0	29.7	07	9.8	-1.8	6.0	19	3.5	6.0	+ 1.0	3.5	28	2	+ 1.6	5.6	3.5	+0.7	0	2	0	0	0	16	0	0	0	0
JAMSHEDPUR P.R.O.	26.0	-0.2	28.4	07	10.2	-1.8	6.6	30	6.0	8.6	+ 5.5	6.0	28	2	+ 1.7	7.6	3.6	+0.4	0	2	0	0	0	0	0	0	0	0
CHAIBASA	26.6	0.0	28.9	07	9.7	-2.0	5.2	30	0.0	2.0	- 2.6	2.0	27	0	- 0.4	2.2	1.6	0.0	0	1	0	0	0	0	0	0	0	0
BIHAR PLAINS																												
MOTIHARI	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
PURNEA	24.9	-1.7	28.4	01	9.2	-1.1	5.4	29	0.0	0.0	- 1.2	0.0	..	0	- 0.3	5.3	3.1	0.0	0	0	0	0	0	1	0	0	0	0
DARBHANGA	25.3	+0.1	28.1	01	9.7	-1.1	5.9	29	0.0	7.1	+ 4.3	4.1	26	2	+ 1.7	1.2	1.5	+0.4	0	2	0	0	0	1	0	0	0	0
MUZAFFARPUR	23.8	..	26.2	13	8.8	..	4.9	30	0.0	6.4	+ 3.3	3.6	27	2	+ 1.7	4.8	3.3	..	0	2	0	0	1	0	0	0	0	0
CHAPRA	25.1	..	27.2	14	10.4	..	6.0	30	0.8	7.4	+ 5.4	4.4	26	2	+ 1.6	3.4	1.9	..	0	2	0	0	0	2	0	0	0	0
PURNEA	25.1	-0.4	28.3	05	7.6	-2.2	12.0	01	0.0	0.0	- 3.1	0.6	27	0	- 0.2	2.7	1.6	-0.6	0	1	0	0	0	0	0	0	0	0
PATNA	24.3	-0.6	26.9	13	10.7	-1.0	6.0	28	2.4	19.0	+ 13.7	18.0	27	1	+ 0.6	5.3	4.7	+0.6	0	2	0	0	1	2	0	0	0	0
PATNA AERODROME	24.2	-0.3	26.4	14	8.6	-1.5	4.1	30	1.0	13.0	+ 9.6	11.6	27	1	+ 0.7	6.2	2.6	+0.1	0	2	0	0	1	11	0	0	0	0
ARRAH	..	..	..	..	..	..	..	..	..	0.8	- 2.1	0.8	27	0	- 0.4	..	..	..	0	1	0	0	0	0	0	0	0	0
BHAGALPUR	24.7	-0.8	27.1	05	11.6	-1.2	7.8	29	2.7	3.6	+ 2.0	3.5	27	1	+ 0.8	5.8	4.8	+0.9	1	1	0	0	1	5	0	0	0	0
SABAUR	24.6	-0.2	28.0	11	7.0	-2.1	3.2	30	2.2	3.0	+ 1.0	2.8	27	1	+ 0.7	5.5	2.6	-1.1	1	1	0	0	1	0	0	0	0	0
JAMUI	25.2	-0.7	27.4	11	..	..	..	..	2.0	7.3	+ 6.6	7.3	27	1	+ 0.8	4.5	2.9	0.0	0	1	0	0	0	0	0	0	0	0
[illegible]	24.8	-0.8	27.5	13	9.0	-2.9	4.8	31	5.4	10.5	+ 6.2	8.5	26	1	+ 0.6	5.4	3.5	+0.2	0	2	0	0	0	0	0	0	0	0
GAYA	24.5	-0.6	27.2	14	8.3	-1.6	3.5	31	8.1	12.8	+ 10.8	12.6	27	1	+ 0.6	6.3	3.4	-1.6	1	1	0	0	2	0	0	0	0	0
UTTAR PRADESH EAST																												
KHERI	24.5	+0.2	27.4	30	8.8	-0.9	4.5	29	0.0	0.0	- 3.8	0.0	26	0	- 0.7	3.2	2.2	+0.7	0	0	0	0	0	2	0	0	0	0
BAHRAICH	24.7	+0.4	27.2	16	8.5	-0.9	4.0	30	0.2	1.0	- 6.4	1.0	26	0	- 0.7	5.0	3.2	+0.3	0	1	0	0	0	9	0	0	0	0
NANPARA	24.9	+0.7	28.2	15	8.8	-1.1	3.6	29	0.0	0.0	- 2.7	0.0	..	0	- 0.5	3.2	1.7	0.0	0	0	0	0	0	1	0	0	0	0
BIRAICH	24.1	-0.3	27.0	13	8.3	-0.8	4.4	29	0.0	0.0	- 2.1	0.0	..	0	- 0.5	5.1	4.2	+1.0	0	0	0	0	0	0	0	0	0	0
GONDA	24.0	-0.3	26.2	03	7.6	-1.2	3.0	30	0.0	2.6	- 3.4	2.6	26	1	+ 0.4	3.4	3.3	+0.5	0	1	0	0	0	0	0	0	0	0
LUCKNOW	23.6	-1.2	25.7	12	9.0	-0.1	5.5	28	0.0	0.0	- 6.3	0.0	..	0	- 0.5	..	..	..	0	0	0	0	0	0	0	0	0	0
LUCKNOW (AMAUSI)	24.5	+0.6	27.7	12	6.7	-0.8	1.7	27	0.0	2.8	- 0.7	2.6	26	1	+ 0.5	8.2	5.0	+0.5	1	1	0	0	1	0	0	0	0	0
FAIZABAD	25.4	+1.5	28.5	14	7.6	-0.2	3.4	30	0.2	0.2	- 4.3	0.2	26	0	- 0.4	4.0	2.0	-0.3	0	0	0	0	1	2	0	0	0	0
GORAKHPUR	24.7	+0.4	27.1	14	10.2	-0.6	6.3	28	0.0	2.4	- 1.9	2.4	26	1	+ 0.6	4.8	2.7	+0.4	0	1	0	0	0	0	0	0	0	0
KANPUR	24.8	+0.5	28.7	13	8.6	+0.1	3.3	30	0.0	0.0	- 7.4	0.0	..	0	- 0.7	12.2	6.8	+1.6	0	0	0	0	0	2	0	0	0	0
KANPUR (AERODROME)	25.2	..	29.2	13	17.8	..	2.2	28	1.0	1.0	..	1.0	26	0	..	..	..	..	0	1	0	0	1	1	0	0	0	0
SULTANPUR	24.8	+0.8	28.2	21	8.2	-0.8	2.4	30	..	2.0	- 2.4	2.0	26	0	- 0.2	.	0.7	-2.1	0	1	0	0	0	0	0	0	0	0
AZAMGARH	25.1	-0.4	27.9	08	7.4	-2.1	2.9	30	..	3.8	- 0.2	3.8	26	1	+ 0.5	4.0	2.3	..	0	1	0	0	0	0	0	0	0	0
FATEHPUR	24.6	+0.1	28.0	13	7.4	-1.6	2.6	30	..	0.0	- 8.9	0.0	..	0	- 0.8	..	..	..	0	0	0	0	1	0	0	0	0	0
BALLIA	19.6	-5.2	0.0	00	..	..	..	..	0.0	16.2	+ 13.7	12.6	27	2	+ 1.7	3.7	6.5	+4.6	0	2	0	0	0	0	0	0	0	0
BANDA	26.0	+0.8	31.0	13	9.1	-0.5	4.2	30	0.0	0.0	- 4.7	0.0	..	0	- 0.5	1.7	0.5	-0.2	0	0	0	0	0	0	0	0	0	0
ALLAHABAD (BAMHRAULI)	25.9	+1.1	30.0	13	17.4	+8.1	3.6	30	1.4	5.7	- 1.9	4.7	29	1	+ 0.3	4.8	2.5	-1.1	0	2	0	0	1	0	0	0	0	0
VARANASI (BABATPUR)	24.6	-0.1	27.8	14	8.2	-1.3	2.8	30	0.0	5.6	+ 3.2	5.6	26	1	+ 0.7	9.7	7.5	+2.6	0	1	0	0	2	0	0	0	0	0
VARANASI	24.9	+0.5	28.2	14	9.9	+0.2	4.2	30	0.0	3.2	- 2.6	3.2	26	1	+ 0.5	3.8	3.3	-2.4	0	1	0	0	0	0	0	0	0	0
UTTAR PRADESH WEST																												
MUKTIM	10.1	-4.1	19.0	10	5.6	+0.1	0.4	29	0.0	63.0	+ 10.9	63.0	26	1	- 1.2	..	..	..	0	1	2	0	0	0	0	0	0	0
TEHRI	21.0	+0.1	26.5	13	3.9	-1.0	1.0	21	9.2	50.8	+ 13.5	41.6	26	2	+ 0.4	2.1	1.3	..	1	2	2	0	1	0	0	0	0	0
DEHRA DUN	22.1	+1.2	26.1	13	6.6	-0.4	2.2	28	2.0	32.6	+ 7.7	30.4	29	2	+ 0.3	2.6	2.7	+0.1	0	2	0	0	2	0	0	0	0	0
MANSIARI	12.7	..	16.6	12	2.1	..	- 2.9	28	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	.	..	.
ROORKEE	23.2	+1.2	27.3	12	5.5	-1.3	1.9	12	0.0	16.5	+ 0.5	15.2	26	1	- 0.3	4.7	3.1	0.0	0	2	0	0	3	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Maximum fall in 24 hours	Date	No. of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 to 0.3 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
UTTAR PRADESH WEST (CONTD.)																												
NAJIBABAD	23.3	+0.7	25.7	17	5.4	-2.0	1.4	28	0.0	6.2	- 5.9	6.2	26	1	+ 0.3	5.6	3.8	+1.3	0	1	0	0	2	0	0	0	0	0
MEERUT	24.8	+1.6	29.3	12	4.8	-3.3	1.0	27	..	2.0	- 9.4	2.0	12	1	- 0.2	.	6.0	+2.3	0	1	0	0	0	0	0	0	0	0
BARELLY	24.3	+0.5	28.6	13	8.9	-0.5	4.1	29	0.0	0.0	- 9.1	0.0	..	0	- 0.9	7.2	4.9	+2.2	0	0	0	0	0	0	0	0	0	0
ALIGARH	23.9	+0.2	29.6	12	8.1	-0.2	3.4	29	0.0	0.0	- 6.6	0.0	..	0	- 0.7	7.8	5.2	+0.5	0	0	0	0	0	0	0	0	0	0
MAINPURI	25.5	+0.7	30.2	12	6.6	-1.6	1.1	29	0.0	0.0	- 7.9	0.0	..	0	- 0.7	..	..	..	0	0	0	0	0	2	0	0	0	0
AGRA	24.6	+0.5	30.5	12	7.8	-0.4	3.6	29	0.0	0.0	- 5.8	0.0	..	0	- 0.6	4.3	2.7	-0.2	0	0	0	0	0	0	0	0	0	0
AGRA AERODROME	25.0	..	30.1	12	6.8	..	2.2	29	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	2	0	0	0	0
ORAI	24.4	-0.4	27.6	14	8.7	-0.2	3.4	29	0.0	0.0	- 6.6	0.0	..	0	- 0.5	5.8	4.5	+0.6	0	0	0	0	0	0	0	0	0	0
JHANSI	25.2	-0.3	30.1	16	8.3	-1.0	2.8	29	0.0	0.0	- 6.9	0.0	..	0	- 0.8	6.8	7.8	+4.5	0	0	0	0	0	0	0	0	0	0
MORADABAD	22.9	..	25.5	08	7.2	..	3.8	23	0.0	7.4	..	7.4	26	1	..	4.7	4.6	..	0	1	0	0	0	0	0	0	0	0
UTTAR KASHI	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
HARYANA (INCLUDING DELHI AND CHANDIGARH)																												
CHANDIGARH	22.5	0.0	27.8	11	12.6	+5.2	2.4	28	15.0	75.1	+ 56.7	60.0	25	2	+ 0.6	.	2.2	..	1	2	0	0	1	0	0	0	0	0
AMBALA	19.9	-3.3	23.6	11	14.0	+6.9	4.2	28	23.0	28.8	+ 12.0	28.8	25	2	+ 0.6	7.7	2.2	-7.7	0	3	0	0	0	0	0	0	0	0
AMBALA AERODROME	23.2	..	28.2	11	5.7	..	0.8	28	9.1	9.6	..	6.8	12	1	..	.	7.5	..	0	3	0	0	3	2.	0	0	0	0
KARNAL	22.6	-0.2	27.8	12	6.4	-2.0	3.4	28	3.0	3.0	- 5.8	3.0	12	1	+ 0.4	6.9	5.4	..	0	1	0	0	0	0	0	0	0	0
HISSAR	24.1	0.0	30.7	12	6.9	+0.9	1.4	29	0.0	0.0	- 7.1	0.0	..	0	- 0.8	6.4	4.6	-0.3	0	0	0	0	0	0	0	0	0	0
NEW DELHI/SAFDARJUNG	23.7	+0.3	29.0	12	7.4	-0.6	3.4	27	0.0	0.0	- 8.6	0.0	..	0	- 0.8	12.6	9.3	+1.7	0	0	0	0	0	4	0	0	0	0
PALAM AERODROME	23.6	..	30.0	12	5.9	..	0.4	28	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
GURGAON	25.1	..	30.0	12	4.7	..	2.7	21	0.0	0.0	..	0.0	..	0	..	6.5	4.0	..	0	0	0	0	0	0	0	0	0	0
NARNAUL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
ROHTAK	23.7	..	30.1	12	6.1	..	1.6	28	0.0	0.0	..	0.0	..	0	..	9.1	8.0	..	0	0	0	0	0	1	0	0	0	0
PUNJAB																												
PATHANKOT	21.2	+0.1	26.2	11	5.2	-1.7	- 0.8	28	7.8	19.5	- 7.2	10.4	12	2	+ 0.2	..	..	..	0	0	0	0	4	0	0	0	0	0
AMRITSAR	21.3	-0.1	26.4	11	4.9	-0.1	0.8	28	9.4	13.9	- 0.1	9.4	12	2	+ 0.6	..	..	..	0	2	0	0	1	0	0	0	0	0
ADAMPUR AERODROME	22.3	..	26.8	11	3.3	..	- 4.2	28	..	14.0	..	14.0	12	1	..	..	..	..	0	1	0	0	4	5	0	0	0	0
LUDHIANA	23.5	+0.6	28.0	11	6.9	+0.7	2.0	28	0.0	0.6	- 16.9	0.4	12	0	- 1.6	3.2	5.0	+3.1	1	1	0	0	0	0	0	0	0	0
FEROZEPUR	21.9	0.0	27.4	11	5.1	-1.1	1.5	28	0.0	1.0	- 13.5	1.0	12	0	- 0.8	3.3	2.2	+0.9	1	0	0	0	0	0	0	0	0	0
HALWARA AERODROME	22.7	..	27.3	11	5.1	..	0.5	28	0.0	6.0	..	6.0	12	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
PATIALA	22.7	-0.4	27.5	11	7.8	+0.5	4.2	26	11.3	15.7	+ 2.8	11.3	26	2	+ 0.8	8.0	3.7	-2.5	0	3	0	0	2	0	0	0	0	0
BHATINDA	24.5	+2.1	28.4	11	4.5	-0.4	0.0	26	0.0	0.0	- 8.6	0.0	..	0	- 1.0	2.2	2.0	-1.5	0	0	0	0	0	1	0	0	0	0
HIMACHAL PRADESH																												
MANDI	20.4	+0.3	24.3	13	3.0	-0.7	- 1.9	29	26.1	70.9	+ 37.8	56.5	26	3	+ 0.3	..	..	..	0	3	2	0	0	0	0	0	0	0
BILASPUR	21.4	+0.3	25.5	12	6.3	+1.2	3.0	28	83.0	135.0	+102.1	90.0	26	2	- 0.7	2.4	2.8	+0.1	0	2	0	0	2	5	0	0	0	0
JAMMU AND KASHMIR																												
MISGAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
GILGIT	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SKARDU	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
DRAS	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SONAMARG	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
LEH	3.1	+1.5	8.2	11	-13.4	[illegible]	-17.9	27	0.0	0.0	- 5.8	0.0	..	0	- 0.6	7.1	8.0	+4.2	0	0	2	0	2	0	0	0	0	0
SRINAGAR	7.5	-1.3	11.7	02	0.2	-1.6	- 5.5	30	0.0	38.2	+ 0.9	16.1	25	3	- 0.3	0.1	0.5	-2.9	0	5	3	0	0	1	0	0	0	0
SRINAGAR AERODROME	6.6	..	12.0	05	- 1.5	..	- 6.7	30	14.6	39.6	..	16.1	25	3	..	4.8	3.9	..	0	3	0	0	2	3	0	0	0	0
GULMARG	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
QAZIGUND	7.1	..	13.8	04	- 2.2	..	- 9.6	26	94.6	205.6	..	104.0	25	6	..	..	..	..	0	6	4	0	0	0	0	0	0	0
BANIHAL	10.5	..	17.3	04	0.7	..	- 0.2	07	64.3	134.4	..	74.2	12	5	..	..	..	..	0	7	4	0	0	0	0	0	0	0
JAMMU	21.5	+0.4	25.7	11	9.0	-0.3	3.4	27	11.6	25.8	- 7.2	16.6	12	1	- 1.4	.	6.3	..	0	2	0	0	0	0	0	0	0	0
JAMMU AERODROME	20.4	..	25.7	11	7.6	..	1.8	27	11.8	22.5	..	13.6	12	2	..	..	..	..	0	2	0	0	0	0	0	0	0	0
GULMARG (RESEARCH INSTITUTE)	1.9	..	8.2	04	- 6.6	..	-12.9	29	23.9	76.2	..	27.2	25	6	..	..	..	..	0	8	10	0	0	8	0	0	0	0
RAJASTHAN, WEST																												
GANGANAGAR	24.0	+0.7	28.8	11	6.6	+1.1	1.1	28	0.0	0.0	- 11.6	0.0	..	0	- 3.3	2.5	1.5	-1.9	0	0	0	0	0	1	0	0	0	0
ANUPGARH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
CHURU	24.7	+0.9	30.6	11	3.9	-2.0	- 1.8	28	0.0	0.0	- 5.0	0.0	..	0	- 0.7	6.3	3.9	-0.1	0	0	0	0	0	1	0	0	0	0
BIKANER	24.6	-0.1	30.7	11	6.5	+0.9	0.1	27	0.0	0.0	- 4.3	0.0	..	0	- 0.4	6.4	2.8	-0.9	0	0	0	[illegible]	0	1	0	0	0	0
NAGAUR	25.9	+2.1	29.6	07	7.3	-0.9	- 0.4	27	0.0	0.0	- 9.6	0.0	..	0	- 0.5	5.9	5.0	+0.1	0	0	0	0	0	1	0	0	0	0
PHALODI	26.2	+1.5	31.0	11	7.3	-0.7	1.8	26	0.0	0.0	- 2.0	0.0	..	0	- 0.1	10.7	6.7	-1.6	0	0	0	0	0	0	0	0	0	0
JAISALMER	25.9	-0.1	30.9	09	7.1	-1.8	- 0.2	27	0.0	0.0	- 1.8	0.0	..	0	- 0.3	9.3	8.3	+1.8	0	0	0	0	0	0	0	0	0	0
JODHPUR	27.4	+0.7	32.7	10	11.1	+0.4	2.2	06	0.0	0.0	- 2.0	0.0	..	0	- 0.3	..	..	..	0	0	0	0	0	0	0	0	0	0
BARMER	27.4	+0.4	33.0	11	12.2	+0.1	7.3	27	0.0	0.0	- 2.0	0.0	..	0	- 0.2	5.7	5.5	-0.9	0	0	0	0	0	0	0	0	0	0
BHIMPURA (JAWAI DAM)	28.4	+1.0	31.6	05	8.5	-2.4	1.0	27	0.0	0.0	- 1.2	0.0	..	0	- 0.3	3.2	2.7	-0.7	0	0	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena - No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.3 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
RAJASTHAN, WEST (CONTD.)																												
JALORE	27.5	..	32.4	11	..	..	..	..	0.0	0.0	..	0.0	..	0	..	6.1	4.4	..	0	0	0	0	0	0	8	0	0	0
RAJASTHAN, EAST																												
PILANI	24.6	+0.9	29.9	12	5.6	0.0	1.0	27	0.0	0.0	- 4.0	0.0	..	0	- 0.7	8.1	6.5	-0.1	0	0	0	0	0	0	0	0	0	0
SIKAR	24.1	-0.7	29.6	11	4.6	-2.1	- 2.8	27	0.0	0.0	- 4.1	0.0	..	0	- 0.3	1.5	1.1	-3.8	0	0	0	0	0	0	0	0	0	0
ALWAR	23.8	0.0	29.4	12	8.3	+0.2	3.2	29	0.0	0.0	- 3.7	0.0	..	0	- 0.3	3.5	1.8	-0.1	0	0	0	0	0	0	0	0	0	0
JAIPUR (SANGANER)	24.9	+0.5	29.2	12	9.2	+0.1	2.0	27	0.0	0.0	- 7.6	0.0	..	0	- 0.7	..	..	..	0	0	0	0	0	0	0	0	0	0
DHOLPUR	25.4	+1.0	29.3	01	6.1	-1.7	0.7	29	0.0	0.0	- 2.5	0.0	..	0	- 0.5	4.2	2.0	-1.1	0	0	0	0	0	0	0	0	0	0
AJMER	25.6	+1.2	30.6	11	8.8	+1.1	3.5	28	0.0	0.0	- 5.3	0.0	..	0	- 0.4	5.7	3.2	+0.7	0	0	0	0	0	0	0	0	0	0
TONK	27.3	+4.0	30.4	12	7.5	-0.4	0.3	27	0.0	0.2	- 5.7	0.2	05	0	- 0.6	6.2	4.7	+0.5	1	0	0	0	0	0	0	0	0	0
BHILWARA	25.7	..	30.6	12	11.8	..	2.8	28	0.0	0.0	..	0.0	..	0	..	5.7	4.4	..	0	0	0	0	0	0	0	0	0	0
KOTA	26.8	+0.1	31.8	12	9.8	-1.5	4.4	29	0.0	0.0	- 5.3	0.0	..	0	- 0.5	2.0	1.2	-0.5	0	0	0	0	0	0	0	0	0	0
KOTA AERODROME	25.7	..	31.7	12	10.1	..	4.4	27	0.0	0.0	..	0.0	..	0	..	7.5	5.5	..	0	0	0	0	1	0	0	0	0	0
CHAMBAL (RAWAT BHATTA DAM)	26.6	0.0	32.6	12	10.5	+3.7	4.1	28	3.0	3.0	+ 2.5	3.0	05	0	- 0.3	6.3	3.5	+0.4	0	1	0	0	1	0	0	0	0	0
UDAIPUR	25.7	-0.6	30.7	11	7.8	-0.5	1.2	27	0.0	0.0	- 3.3	0.0	..	0	- 0.4	2.7	1.2	-0.3	0	0	0	0	0	0	0	0	0	0
JHALAWAR	27.2	+0.7	32.6	13	8.9	-0.7	1.3	28	0.0	0.8	- 6.8	0.8	05	0	- 0.6	2.8	4.0	+1.4	0	1	0	0	1	0	0	0	0	0
BANSWARA	28.9	..	32.5	10	13.9	..	7.5	26	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
DUNGARPUR	28.6	..	30.5	05	..	..	..	..	0.0	0.0	..	0.0	..	0	..	3.5	1.4	..	0	0	0	0	0	0	0	0	0	0
MADHYA PRADESH, WEST																												
GWALIOR	25.2	+0.4	31.3	12	7.0	-0.2	1.0	29	0.0	0.0	- 6.4	0.0	..	0	- 0.7	8.0	4.4	+1.5	0	0	0	0	0	0	0	0	0	0
SHEOPUR	26.9	+0.8	31.3	12	8.2	-0.1	2.0	27	0.0	12.0	+ 8.6	12.0	05	1	+ 0.5	5.5	4.3	+0.3	0	1	0	0	0	0	0	0	0	0
SHIVPURI	24.8	..	29.6	12	6.0	..	0.8	29	0.0	0.0	..	0.0	..	0	..	5.8	3.2	..	0	0	0	0	0	0	0	0	0	0
NOWGONG	25.8	+0.5	31.0	13	7.1	-0.4	1.4	29	0.0	0.0	- 6.9	0.0	..	0	- 0.6	5.4	2.6	+0.5	0	0	0	0	0	0	0	0	0	0
GUNA	26.3	+0.3	30.1	13	7.4	-0.5	1.0	28	0.0	1.4	- 11.1	1.4	05	0	- 1.1	7.5	4.9	+1.6	0	1	0	0	0	0	0	0	0	0
NIMACH	26.5	+0.3	30.3	11	11.4	+1.3	4.7	28	0.0	0.0	- 2.3	0.0	..	0	- 0.2	5.7	5.1	-0.1	0	0	0	0	0	0	0	0	0	0
RAJGARH	27.3	0.0	31.6	12	9.2	-0.1	2.5	28	0.0	0.0	- 3.6	0.0	..	0	- 0.6	7.1	4.6	+0.3	0	0	0	0	0	0	0	0	0	0
SAGAR	29.0	+3.6	31.7	10	10.5	-2.4	4.6	27	0.0	1.0	- 7.6	1.0	25	0	- 0.7	8.8	9.2	+2.7	0	1	0	0	0	0	0	0	0	0
RATLAM	28.3	+0.1	32.5	12	11.9	-0.4	5.5	29	0.0	0.0	- 0.5	0.0	..	0	- 0.1	10.4	8.4	+2.3	0	0	0	0	0	0	0	0	0	0
BHOPAL (BAIRAGARH)	26.4	+0.3	30.3	13	10.5	-0.1	3.2	27	0.0	0.0	- 6.3	0.0	..	0	- 0.6	7.8	5.6	+1.2	0	0	0	0	0	0	0	0	0	0
UJJAIN	27.1	..	30.9	12	8.2	..	0.5	29	0.0	1.0	..	1.0	04	0	..	7.5	4.3	..	0	1	0	0	0	0	0	0	0	0
NARSINGHPUR	27.4	..	30.4	14	6.3	..	1.4	28	0.0	0.0	..	0.0	..	0	..	3.4	1.6	..	0	0	0	0	0	0	0	0	0	0
HOSHANGABAD	27.3	+0.2	31.3	16	10.9	-1.4	4.2	29	0.0	0.0	- 10.7	0.0	..	0	- 0.8	2.5	2.1	-1.4	0	0	0	0	0	0	0	0	0	0
INDORE	26.7	0.0	30.8	12	10.1	+0.2	3.6	29	0.0	0.0	- 6.6	0.0	..	0	- 0.6	10.0	7.2	+0.1	0	0	0	0	0	0	0	0	0	0
RAJPUR (JHABUA)	29.2	+0.4	32.6	11	11.1	-1.0	2.2	28	0.0	0.0	- 0.8	0.0	..	0	- 0.4	1.8	0.9	-2.2	0	0	0	0	0	0	0	0	0	0
CHHINDWARA	26.7	+0.4	29.9	13	8.9	-0.9	2.5	28	0.0	1.8	- 2.0	1.8	25	0	- 0.5	..	..	..	0	1	0	0	0	0	0	0	0	0
SEONI	25.8	-0.3	28.9	12	10.6	-0.3	5.1	29	0.0	0.0	- 10.4	0.0	..	0	- 0.8	6.9	4.3	+0.2	0	0	0	0	0	0	0	0	0	0
BETUL	26.7	-0.3	29.5	12	9.7	-0.6	1.3	28	1.4	1.4	- 3.0	1.4	31	0	- 0.5	5.3	3.3	-0.6	0	1	0	0	0	0	0	0	0	0
KHANDWA	31.6	+2.0	33.4	21	10.4	-0.8	1.2	28	0.0	0.0	- 7.4	0.0	..	0	- 0.6	6.7	4.5	+0.2	0	0	0	0	0	0	0	0	0	0
TIKAMGARH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MADHYA PRADESH, EAST																												
SATNA	25.9	+0.1	29.9	13	7.9	-0.5	2.6	28	0.2	3.4	- 5.7	3.4	26	1	+ 0.1	5.3	3.7	+0.8	0	1	0	0	1	0	0	0	0	0
REWA	25.5	..	29.8	13	7.5	..	2.5	29	3.6	7.8	..	7.8	26	1	..	3.6	1.8	..	0	1	0	0	1	0	0	0	0	0
SIDHI	25.5	+0.2	29.2	13	7.5	-0.1	2.7	28	3.8	3.8	- 1.3	3.8	26	1	+ 0.7	3.5	2.0	-0.5	0	1	0	0	0	0	0	0	0	0
UMARIA	25.8	+0.2	29.8	14	7.1	-0.9	0.8	28	0.2	0.2	- 8.7	0.2	26	0	- 0.7	5.0	2.7	+0.2	1	0	0	0	1	0	0	0	0	0
JABALPUR	27.0	+0.1	30.7	14	8.7	-0.3	2.3	28	0.8	1.3	- 7.1	0.8	26	0	- 0.7	3.4	1.9	-0.8	0	2	0	0	1	0	0	0	0	0
AMARKAPUR	24.3	+0.1	26.4	26	7.1	-0.9	2.6	29	0.0	4.8	+ 2.5	4.8	27	1	+ 0.8	9.4	6.0	+0.6	0	1	0	0	1	0	0	0	0	0
JASHPURNAGAR	23.8	..	26.4	07	7.2	..	3.1	30	0.0	11.0	..	11.0	27	1	..	6.0	3.2	..	0	1	0	0	0	0	0	0	0	0
PENDRA	24.5	+0.3	27.3	07	10.7	+0.6	5.5	29	0.0	1.2	- 5.1	1.0	27	0	- 0.5	8.2	5.3	+1.2	1	1	0	0	1	0	0	0	0	0
MANDLA	26.3	-0.3	30.0	13	7.0	-0.8	1.1	29	0.0	3.2	- 2.7	3.2	26	1	+ 0.5	4.4	1.8	+0.5	0	1	0	0	2	1	0	0	0	0
CHAMPA	27.0	-0.8	29.3	14	11.9	-1.8	6.9	30	0.0	0.0	- 4.1	0.0	..	0	- 0.4	6.5	6.0	+2.4	0	0	0	0	0	0	0	0	0	0
RAIGARH	28.2	-0.2	30.6	14	12.3	-1.1	7.2	29	0.0	0.0	- 1.3	0.0	..	0	- 0.3	4.6	3.3	+0.1	0	0	0	0	0	0	0	0	0	0
RAIPUR	26.8	-0.5	29.9	13	12.2	-1.0	6.7	29	1.4	5.8	+ 1.7	5.8	31	1	+ 0.7	6.3	3.9	-0.5	0	1	0	0	0	0	0	0	0	0
KANKER	26.9	-0.2	30.2	26	11.4	+0.2	8.0	17	0.0	0.0	- 2.3	0.0	..	0	- 0.3	3.0	2.7	+0.4	0	0	0	0	0	0	0	0	0	0
JAGDALPUR	28.1	+0.7	29.6	19	12.3	+1.0	9.1	17	0.1	3.6	- 0.2	3.6	27	1	+ 0.6	..	..	..	0	1	0	0	0	1	0	0	0	0
GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																												
DESA	28.8	-1.0	34.3	08	9.3	-1.8	3.7	27	0.0	0.0	- 1.3	0.0	..	0	- 0.1	7.4	6.0	..	0	0	0	0	0	0	0	0	0	0
RADHANPUR	28.8	-0.2	32.3	11	12.7	+1.6	3.3	28	0.0	0.0	- 0.3	0.0	..	0	0.0	6.7	5.3	-0.4	0	0	0	0	0	0	0	0	0	0
IDAR	29.1	+0.2	33.3	11	16.6	+0.6	7.7	25	0.0	0.0	- 0.4	0.0	..	0	0.0	6.7	5.7	-0.9	0	0	0	0	0	0	0	0	0	0
AHMADABAD	29.9	+0.3	33.9	11	13.1	+0.5	4.4	27	0.0	0.0	- 0.8	0.0	..	0	- 0.1	8.9	5.0	+2.4	0	0	0	0	0	0	0	0	0	0
DOHAD	28.5	-0.6	32.8	11	13.0	+0.3	5.6	29	0.0	0.0	- 1.3	0.0	..	0	- 0.2	8.1	6.7	-0.1	0	0	0	0	0	0	0	0	0	0
VALLABH VIDYANAGAR	30.2	..	34.1	10	12.1	..	3.5	25	0.0	0.0	..	0.0	..	0	..	7.7	5.3	..	0	0	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena - No. of days with											
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
GUJARAT REGION (INCLUDING DAMAN DADRA AND NAGAR HAVELI)																												
BARODA AERODROME	34.4	+3.4	37.2	06	16.2	+2.7	12.6	24	0.0	0.0	0.0	0.0	..	0	0.0	10.2	5.9	-0.2	0	0	0	0	0	0	0	0	0	0
BARODA	32.8	+1.8	36.0	08	14.0	+2.6	6.8	28	0.0	0.0	-0.1	0.0	..	0	-0.1	4.8	4.0	+1.1	0	0	0	0	0	0	0	0	0	0
BROACH	..	..	..	..	..	..	..	..	..	0.0	-0.1	0.0	..	0	0.0	8.5	5.9	+0.9	0	0	0	0	0	0	0	0	0	0
SURAT	33.0	+0.2	36.8	09	16.0	0.0	8.7	27	0.0	0.0	-2.3	0.0	..	0	-0.1	8.4	7.0	+1.0	0	0	0	0	0	0	0	0	0	0
SAURASHTRA AND KUTCH (INCLUDING DIU)																												
GALIYA	28.4	0.0	33.4	10	10.5	+0.4	3.1	25	0.0	0.0	-4.1	0.0	..	0	-0.2	15.0	10.9	+1.3	0	0	0	0	0	1	0	0	0	0
BHUJ (RUDRAMATA)	28.3	+0.3	33.7	10	11.1	-0.1	4.1	28	0.0	0.0	-1.5	0.0	..	0	-0.1	11.1	7.7	+1.8	0	0	0	0	0	0	0	0	0	0
KANDLA AERODROME	29.0	..	32.9	10	13.4	..	5.4	28	0.0	0.0	..	0.0	..	0	..	16.5	16.6	..	0	0	0	0	0	0	0	0	0	0
NEW KANDLA	27.4	+0.8	32.1	10	15.0	-0.8	9.4	27	0.0	0.0	0.0	0.0	..	0	0.0	9.0	10.0	-2.8	0	0	0	0	0	0	0	0	0	0
MANDVI	27.7	-0.8	31.2	08	14.2	-1.4	7.1	25	0.0	0.0	-2.9	0.0	..	0	-0.1	15.9	14.8	+0.5	0	0	0	0	0	0	0	0	0	0
SURENDRANAGAR	30.2	+0.3	34.6	10	14.5	+0.3	7.4	27	0.0	0.0	-0.2	0.0	..	0	0.0	6.5	5.9	-1.7	0	0	0	0	0	0	0	0	0	0
OKHA	25.8	..	28.5	09	20.4	..	16.5	27	0.0	0.0	..	0.0	..	0	..	15.4	18.3	..	0	0	0	0	0	0	0	0	0	0
JAMNAGAR AERODROME	28.4	+0.6	32.5	10	12.1	0.0	3.4	28	0.0	0.0	-1.5	0.0	..	0	-0.1	..	..	..	0	0	0	0	0	1	0	0	0	0
DWARKA	28.0	+0.5	32.8	10	17.4	+0.4	10.5	28	0.0	0.0	-1.8	0.0	..	0	-0.2	17.4	12.7	+0.4	0	0	0	0	0	0	0	0	0	0
RAJKOT	29.7	+0.1	33.9	11	13.4	+1.1	5.9	27	0.0	0.0	0.0	0.0	..	0	0.0	14.5	11.6	+0.3	0	0	0	0	0	0	0	0	0	0
BHAVNAGAR AERODROME	29.3	+0.7	32.8	09	13.5	-0.7	5.9	28	0.0	0.0	-0.4	0.0	..	0	-0.1	16.7	13.3	+0.3	0	0	0	0	0	0	0	0	0	0
PORBANDER AERODROME	31.1	+0.7	35.3	09	15.8	-1.0	8.2	28	0.0	0.0	-0.8	0.0	..	0	-0.1	14.7	11.9	..	0	0	0	0	0	0	0	0	0	0
KESHOD	31.0	-0.1	34.6	09	12.9	-1.0	4.9	28	0.0	0.0	0.0	0.0	..	0	0.0	11.0	13.4	+0.5	0	0	0	0	0	0	0	0	0	0
MAHUVA	31.3	..	34.1	09	13.7	..	5.0	26	0.0	0.0	-2.8	0.0	..	0	-0.2	7.8	6.1	..	0	0	0	0	0	0	0	0	0	0
VERAVAL	30.5	+0.1	35.2	09	16.1	+0.3	9.3	28	0.0	0.0	-1.5	0.0	..	0	-0.1	16.3	13.6	+2.5	0	0	0	0	0	0	0	0	0	0
DIU	28.6	..	31.6	09	17.3	..	10.0	25	0.0	0.0	..	0.0	..	0	..	13.4	10.3	..	0	0	0	0	0	0	0	0	0	0
KONKAN (INCLUDING GOA)																												
DAHANU	27.5	-2.2	32.8	09	18.3	+0.4	10.0	28	0.0	0.0	0.0	0.0	..	0	0.0	14.0	9.9	-0.8	0	0	0	0	0	0	0	0	0	0
BOMBAY (SANTACRUZ)	32.2	+0.1	35.7	09	18.2	+0.5	10.9	27	0.0	0.0	-0.8	0.0	..	0	-0.1	11.5	7.8	+0.2	0	0	0	0	0	0	0	0	0	0
BOMBAY	31.1	+0.2	35.3	09	21.2	+0.4	14.0	27	0.0	0.0	-2.3	0.0	..	0	-0.3	9.2	8.0	-0.5	0	0	0	0	0	0	0	0	0	0
ALIBAG	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
BHIRA	34.3	..	36.6	09	15.8	..	6.8	27	0.0	0.0	..	0.0	..	0	..	4.0	2.7	..	0	0	0	0	0	0	0	0	0	0
HARNAI	30.7	+1.2	34.0	09	23.5	+0.3	18.3	27	0.0	0.0	-1.3	0.0	..	0	-0.1	12.2	10.0	-1.3	0	0	0	0	0	0	0	0	0	0
RATNAGIRI	32.4	+0.4	35.0	23	20.5	+0.5	13.9	27	0.0	0.0	-4.3	0.0	..	0	-0.3	13.0	9.4	..	0	0	0	0	0	0	0	0	0	0
DEVGARH	31.8	+0.5	33.7	10	20.6	-0.9	16.3	27	0.0	0.0	-4.3	0.0	..	0	-0.4	13.2	11.3	0.0	0	0	0	0	0	0	0	0	0	0
VENGURLA	32.6	-0.1	34.8	10	19.1	+0.4	15.5	27	0.0	0.0	-0.3	0.0	..	0	-0.1	9.8	6.1	..	0	0	0	0	0	0	0	0	0	0
PANJIM	32.7	..	35.2	08	20.7	..	17.2	28	0.0	0.0	..	0.0	..	0	..	12.3	10.9	..	0	0	0	0	0	0	0	0	0	0
MORMUGAO	31.6	+1.1	34.8	08	22.5	+1.0	19.4	28	0.0	0.0	-4.1	0.0	..	0	-0.3	11.1	9.7	0.0	0	0	0	0	0	0	0	0	0	0
DABOLIM (NAVAL AIR STN.)	..	..	..	..	..	..	..	..	0.0	0.0	..	0.0	..	0	..	9.5	6.5	..	0	0	0	0	0	0	0	0	0	0
MADHYA MAHARASHTRA																												
NANDURBAR	30.9	-0.1	33.6	10	15.3	+0.1	7.1	26	0.0	1.5	-1.8	1.5	22	0	-0.3	1.7	1.0	-4.4	0	1	0	0	0	0	0	0	0	0
JALGAON	31.0	+0.7	33.5	10	12.8	+0.8	5.6	29	0.0	0.0	-5.6	0.0	..	0	-0.5	13.1	10.3	+3.5	0	0	0	0	0	0	0	0	0	0
MALEGAON	29.9	0.0	32.8	10	10.7	-1.0	2.6	28	0.0	0.0	-4.6	0.0	..	0	-0.4	4.6	4.7	+0.2	0	0	0	0	0	0	0	0	0	0
DHULIA	28.7	..	30.7	11	10.0	..	2.4	27	0.0	2.1	..	1.0	23	0	..	9.6	5.9	..	0	1	0	0	0	0	0	0	0	0
AHMADNAGAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
KHANDALA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
POONA AERODROME	29.5	..	31.0	10	13.4	..	6.6	27	0.0	0.7	..	0.7	01	0	..	..	..	..	0	1	0	0	0	0	0	0	0	0
POONA	29.4	+0.2	31.2	09	10.7	+0.3	3.3	27	0.0	0.4	-1.0	0.4	01	0	-0.4	5.7	2.5	..	0	1	0	0	0	0	0	0	0	0
JEUR	29.9	+0.2	32.4	25	12.8	-0.1	4.9	27	0.0	0.0	-5.0	0.0	..	0	-0.2	9.4	5.6	+0.7	0	0	0	0	0	0	0	0	0	0
BARAMATI	30.1	+0.5	31.5	20	13.6	0.0	6.3	27	0.0	0.0	-4.3	0.0	..	0	-0.4	-.1	5.9	-0.4	0	0	0	0	0	0	0	0	0	0
SHOLAPUR	30.2	+0.2	32.4	26	15.7	+0.7	10.5	28	0.0	0.0	-9.1	0.0	..	0	-0.7	10.7	8.7	+0.4	0	0	0	0	0	0	0	0	0	0
MIRAJ	30.0	+0.3	32.0	25	14.8	+0.2	7.5	28	0.0	0.0	-5.1	0.0	..	0	-0.5	..	..	..	0	0	0	0	0	0	0	0	0	0
KOLHAPUR	30.2	+0.2	32.4	25	14.0	0.0	8.6	28	0.0	0.0	-2.8	0.0	..	0	-0.2	11.6	6.5	-2.2	0	0	0	0	0	0	0	0	0	0
NASIK	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
SANGLI	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MARATHWADA																												
AURANGABAD	29.3	+0.4	31.4	22	14.3	+0.5	8.0	29	0.0	0.0	-8.9	0.0	..	0	-0.5	6.9	6.3	-0.4	0	0	0	0	0	0	0	0	0	0
AURANGABAD (CHIKALTHANA)	28.4	-0.3	30.7	22	8.5	-1.9	1.2	28	0.0	0.0	-8.6	0.0	..	0	-0.5	9.9	5.9	+0.7	0	0	0	0	0	0	0	0	0	0
PARBHANI	29.4	-0.1	32.0	25	13.7	+1.0	8.5	28	0.0	1.4	-8.0	1.4	25	0	-0.5	8.7	5.9	+1.2	0	1	0	0	0	0	0	0	0	0
NANDER	30.3	..	32.0	08	11.8	..	7.0	28	0.0	0.0	..	0.0	..	0	..	6.8	3.8	..	0	0	0	0	0	0	0	0	0	0
BIR	29.1	..	31.5	26	11.4	..	5.2	27	0.0	2.4	..	2.4	01	0	..	4.1	1.6	..	0	1	0	0	0	0	0	0	0	0
VIDARBHA																												
GONDIA	28.6	+0.1	30.5	13	15.4	+2.5	6.5	29	11.2	26.2	+24.0	26.2	31	1	+0.7	2.6	1.9	-0.1	0	1	0	0	0	0	0	0	0	0
NAGPUR (SONEGAON)	28.1	-0.6	30.6	08	11.8	-0.3	5.5	29	4.8	4.8	-5.1	4.8	31	1	+0.3	10.5	7.4	+1.1	0	1	0	0	0	0	0	0	0	0
AMRAOTI	29.2	+0.6	31.6	08	15.4	+0.3	10.1	28	0.0	17.8	+3.7	17.8	30	1	+0.2	9.9	9.5	+2.0	0	1	0	0	0	0	0	0	0	0
AKOLA AERODROME	29.8	..	32.0	25	11.2	..	4.4	28	0.0	0.8	..	0.8	30	0	..	7.9	6.6	..	0	1	0	0	0	1	0	0	0	0
AKOLA	29.6	0.0	31.4	10	12.7	+0.1	6.1	28	0.0	3.2	-8.0	3.2	30	1	+0.1	5.8	3.8	-0.6	0	1	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena - No. of days with										
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20a	20b	21	22	23	24	25	26	27	28
VIDARBHA (CONTD)																												
BRAMHAPURI	28.5	+0.2	31.0	08	10.4	-3.1	6.2	29	1.0	17.3	+ 11.1	8.6	31	2	+ 1.6	7.3	4.2	+1.3	0	3	0	0	0	0	0	0	0	0
BULDANA	27.6	0.0	29.9	25	15.5	+0.4	9.4	28	0.0	0.0	- 5.9	0.0	..	0	- 0.5	8.2	6.8	+0.4	0	0	0	0	0	0	0	0	0	0
YEOTMAL	28.3	-0.1	30.9	08	14.6	-0.5	9.5	28	0.0	0.0	- 3.3	0.0	..	0	- 0.3	9.9	7.9	+0.6	0	0	0	0	1	0	0	0	0	0
CHANDRAPUR	29.5	+1.1	31.9	27	9.0	-3.2	5.7	17	0.0	0.7	- 3.1	0.5	30	0	- 0.5	4.4	2.0	-0.6	1	1	0	0	0	0	0	0	0	0
PUSAD	29.9	..	31.8	13	..	..	..	..	0.0	3.4	..	2.4	31	0	..	6.2	4.1	..	0	2	0	0	1	0	0	0	0	0
SIRONCHA	30.1	+0.3	32.2	07	15.0	+0.4	11.3	04	6.0	0.0	- 0.3	0.0	..	0	- 0.1	5.2	2.9	+0.3	0	0	0	0	0	0	0	0	0	0
WARDHA	29.3	..	31.6	13	12.5	..	8.0	29	3.8	4.8	..	4.8	31	1	..	7.2	5.8	..	0	1	0	0	0	0	0	0	0	0
BHANDARA	27.4	..	30.3	08	13.3	..	8.5	29	0.0	29.1	..	29.1	31	1	..	6.9	6.0	..	0	1	..	..	..	..	..	..	..	.
COASTAL ANDHRA PRADESH																												
KALINGAPATAM	26.9	+0.1	29.1	13	16.6	-1.0	13.8	10	0.0	0.0	- 14.5	0.0	..	0	- 0.5	13.3	8.9	-2.4	0	0	0	0	0	0	0	0	0	0
VISHAKHAPATNAM	29.3	+1.6	31.6	09	19.7	+0.9	15.2	12	0.3	0.3	- 17.0	0.3	17	0	- 0.9	18.0	10.4	+2.9	0	1	0	0	0	0	0	0	0	0
KAKINADA	28.6	+1.5	31.6	10	20.1	+0.9	17.2	15	0.5	32.9	+ 17.4	32.4	30	1	+ 0.2	15.3	11.5	+0.2	0	2	0	0	0	0	0	0	0	0
NIDADAVOLE	29.9	+0.4	32.0	27	18.9	+0.7	15.0	15	3.4	4.0	+ 0.3	3.4	30	1	+ 0.6	11.0	7.1	+0.3	0	2	0	0	0	0	0	0	0	0
PENTACHINTALA	30.1	+0.2	35.6	28	19.6	+2.8	15.0	11	0.0	0.0	- 6.6	0.0	..	0	- 0.5	3.5	2.6	-1.2	0	0	0	0	0	0	0	0	0	0
GANNAVARAM	29.5	-0.2	31.5	09	19.2	+0.1	16.0	12	1.4	5.4	+ 0.3	3.2	29	1	+ 0.2	10.3	9.3	-0.1	1	3	0	0	0	2	0	0	0	0
MASULIPATAM	28.1	+0.3	30.3	09	19.0	-0.8	16.6	15	0.5	7.3	- 11.0	3.0	29	1	+ 0.2	6.0	4.3	-4.8	0	4	0	0	0	0	0	0	0	0
ONGOLE	29.6	+1.0	31.6	28	20.5	+0.6	18.1	15	0.0	9.2	- 25.3	9.0	06	1	- 0.7	7.3	5.2	+0.5	1	1	0	0	0	0	0	0	0	0
NELLORE	28.8	+0.1	31.8	28	21.4	+1.0	18.5	13	37.6	86.0	- 2.1	34.4	19	5	+ 1.8	..	..	..	0	6	0	0	0	0	0	0	0	0
VISHAKHAPATNAM (SOLAR)	27.4	..	29.8	09	19.9	..	17.3	11	..	15.4	..	15.4	30	1	..	.	7.7	..	0	1	0	0	0	0	0	0	0	0
TELANGANA																												
RAMGUNDAM	30.1	-0.1	32.2	08	14.7	-0.3	11.0	04	14.6	0.0	- 0.4	0.0	..	0	- 0.2	7.9	4.5	+1.1	0	0	0	0	0	0	0	0	0	0
NIZAMABAD	29.7	+0.8	31.9	26	14.3	+0.5	10.0	17	0.0	0.0	- 5.3	0.0	..	0	- 0.4	3.9	5.0	+1.5	0	0	0	0	0	0	0	0	0	0
HANAMKONDA	29.3	+0.3	31.5	08	17.0	+0.9	12.8	03	0.0	0.0	- 4.8	0.0	..	0	- 0.3	8.3	5.5	+0.4	0	0	0	0	0	0	0	0	0	0
HAKIMPET AERODROME	28.2	..	29.7	28	16.3	..	13.6	28	9.7	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	2	0	0	0	0
BHADRACHALLAM	30.6	+0.9	32.8	08	16.8	+1.1	12.8	03	0.0	1.0	- 10.1	1.0	18	0	- 0.6	6.0	3.0	-0.8	0	1	0	0	0	0	0	0	0	0
HYDERABAD (BEGAMPET)	29.1	+1.3	31.5	28	15.8	+2.4	10.1	04	7.3	1.7	- 5.7	1.7	31	0	- 0.5	10.9	7.4	0.0	0	1	0	0	0	0	0	0	0	0
KHAMMAM	30.5	+0.4	33.2	29	18.0	+1.3	14.2	15	0.0	0.0	- 3.9	0.0	..	0	- 0.4	3.5	3.1	-0.9	0	0	0	0	0	7	0	0	0	0
MAHBUBNAGAR	29.3	+0.9	31.8	28	17.1	+0.5	13.8	15	0.0	1.0	- 1.1	1.0	31	0	- 0.6	12.1	8.7	-0.7	0	1	0	0	0	0	0	0	0	0
RAYALASEEMA																												
KURNOOL	30.9	+0.6	33.5	29	17.5	+0.9	12.2	15	0.0	0.0	- 5.8	0.0	..	0	- 0.4	6.2	3.8	-1.1	0	0	0	0	0	0	0	0	0	0
NANDYAL	31.2	..	33.5	29	18.0	..	13.6	15	0.0	0.5	..	0.5	18	0	..	6.8	4.9	..	0	1	0	0	0	0	0	0	0	0
ANANTAPUR	29.0	-0.1	32.1	28	18.2	+1.0	14.4	15	0.7	18.3	+ 11.7	16.6	07	1	+ 0.5	10.3	9.0	+0.1	0	3	0	0	0	0	0	0	0	0
CUDDAPAH	30.2	+0.7	34.2	28	19.9	+0.8	16.0	13	9.4	49.6	+ 30.8	22.0	07	3	+ 1.5	4.5	3.5	-0.8	0	5	0	0	0	0	0	0	0	0
AROGYAVARAM	25.7	+0.2	28.8	28	15.6	+0.1	11.4	13	3.5	45.3	+ 5.0	23.0	19	4	+ 1.1	9.0	6.1	+1.1	0	5	0	0	0	0	0	0	0	0
MADRAS STATE (INCLUDING PONDICHERRY)																												
MADRAS	27.8	-0.4	29.6	28	21.5	+0.1	18.7	11	33.0	142.8	+ 43.5	56.8	05	6	+ 1.1	11.0	6.9	0.0	0	8	0	0	0	1	0	0	0	0
MADRAS (MINAMBAKKAM)	28.3	+0.1	31.1	28	21.1	+0.1	18.5	13	74.9	178.2	+ 39.0	78.9	19	6	+ 0.6	12.4	8.2	-4.4	0	7	0	0	1	2	0	0	2	0
VELLORE	28.8	+0.7	32.0	29	19.1	+0.4	14.8	13	42.4	70.0	+ 0.7	42.6	19	3	- 0.9	7.1	7.6	+1.5	0	7	0	0	1	1	0	0	0	0
TAMBARAM AERODROME	30.1	..	34.5	29	20.9	..	17.5	13	96.4	225.1	..	135.3	19	6	..	..	..	..	0	7	0	0	0	1	0	0	0	0
TIRUPPATTUR	28.7	+0.3	30.9	28	17.0	-0.6	13.1	15	0.0	17.7	+ 5.1	17.7	19	1	- 0.3	6.0	4.5	+0.9	0	1	0	0	0	0	0	0	0	0
METTUR DAM R.S.	30.8	..	32.4	07	20.3	..	17.4	14	0.0	57.1	..	28.4	19	3	..	6.3	6.2	..	0	3	0	0	0	0	0	0	0	0
CUDDALORE	28.4	+0.5	29.8	18	21.6	+0.1	18.5	12	9.6	90.5	- 88.1	56.5	07	3	- 3.2	13.7	10.0	-1.1	0	6	0	0	0	1	0	0	0	0
KALLAKKURICHCHI	29.0	+0.5	31.6	29	..	..	..	..	24.2	51.4	- 35.3	18.0	07	5	+ 0.9	9.8	7.3	..	0	5	0	0	0	0	0	0	0	0
SALEM	30.7	+0.6	33.4	06	20.5	+0.9	16.5	13	5.4	37.9	+ 11.7	15.1	19	4	+ 1.9	9.0	8.6	+0.2	0	4	0	0	0	0	0	0	0	0
COIMBATORE (PILAMEDU)	28.9	-0.1	31.4	29	19.0	+0.3	14.4	13	10.0	29.4	+ 9.9	9.3	07	4	+ 2.2	15.7	10.8	+0.7	1	4	0	0	0	5	0	0	0	0
COIMBATORE	29.6	+0.7	31.7	17	20.0	+0.4	15.7	13	..	46.9	+ 8.8	15.5	07	4	+ 1.3	.	4.5	-1.6	0	4	0	0	0	0	0	0	0	0
NAGAPATTINAM	28.4	+0.7	29.8	03	23.3	+0.5	20.6	13	69.8	163.3	- 78.8	41.5	17	6	- 2.4	19.2	18.5	+0.7	0	7	0	0	2	0	0	0	0	0
TIRUCHCHIRAPPALLI	29.5	+0.2	32.1	06	21.2	-0.1	18.4	13	22.1	55.6	- 10.4	24.3	18	5	+ 0.9	9.3	6.7	-4.4	0	5	0	0	1	0	0	0	0	0
VEDARANNIYAM	30.1	..	32.4	15	21.2	..	18.5	11	38.2	141.8	..	59.0	18	5	..	13.9	9.9	..	0	6	0	0	0	0	0	0	0	0
ATIRAMPATTINAM	29.3	..	31.0	30	22.1	..	20.0	13	72.0	103.9	..	62.7	18	6	..	12.3	9.0	..	0	6	0	0	0	0	0	0	0	0
MADURAI	30.5	+0.8	34.0	17	20.4	-1.2	17.1	13	..	50.2	- 0.1	42.0	18	3	- 0.5	.	7.1	+0.2	0	4	0	0	1	0	0	0	0	0
MADURAI AERODROME	29.7	+0.1	32.0	17	20.9	-0.4	17.4	13	4.2	40.8	+ 1.8	28.7	18	3	0.0	12.5	8.4	-2.7	0	6	0	0	1	0	0	0	0	0
TONDI	29.7	+0.2	31.9	17	22.0	-0.4	19.4	15	9.2	17.4	- 41.6	9.2	19	2	- 1.8	14.9	13.3	0.0	0	2	0	0	0	0	0	0	0	0
PAMBAN	28.4	+0.4	29.8	07	23.3	-0.7	21.9	20	41.3	70.4	-114.0	25.5	08	6	- 2.8	..	..	..	0	8	0	0	0	0	0	0	0	0
TUTICORIN	29.1	+1.3	31.3	01	21.7	-0.9	19.1	13	2.8	98.5	- 2.4	86.2	18	3	- 1.0	21.0	18.3	-1.7	0	6	0	0	0	0	0	0	0	0
PALAYANKOTTAI	30.5	+0.3	32.8	06	22.8	+0.2	20.3	12	60.4	128.0	+ 15.5	64.4	18	5	- 0.2	9.5	7.0	-1.9	0	7	0	0	1	0	0	0	0	0
KANNIYAKUMARI	30.9	..	33.3	05	23.8	..	21.4	13	8.6	36.0	..	25.0	18	2	..	21.3	19.0	..	1	3	0	0	1	0	0	0	0	0
PONDICHERRY	28.4	..	30.7	05	21.8	..	19.6	13	30.4	111.0	..	49.0	07	5	..	24.3	21.1	..	0	7	0	0	0	0	0	0	0	0
PORTNOVO	27.8	..	29.1	05	20.0	..	17.8	24	..	215.9	..	135.0	07	5	..	.	7.8	..	0	5	0	0	0	0	0	0	0	0
TUTICORIN H.P.	28.9	..	30.2	01	23.0	..	19.5	14	1.3	122.0	..	97.5	18	4	..	19.8	19.2	..	3	4	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C: Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Rainfall in millimetres: Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Maximum fall in 24 hours	Date	No of rainy days (2.5 mm. or more): Total in the month	Departure from normal	Wind speed km. per hour: Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation 0.1 & 0.3 mm.	0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
COASTAL MYSORE																												
KARWAR	32.3	+0.2	35.2	09	19.3	-0.1	15.3	16	0.0	0.6	- 5.2	0.6	19	0	- 0.4	5.3	3.5	..	0	1	0	0	0	0	0	0	0	0
HONAVAR	32.9	+0.2	35.5	08	21.3	+0.4	17.5	16	0.0	0.0	- 4.3	0.0	..	0	- 0.3	..	..	..	0	0	0	0	0	0	0	0	0	0
MANGALORE (BAJPE)	32.6	+0.3	35.6	22	21.2	+0.1	17.3	14	0.0	0.5	- 19.1	0.5	08	0	- 0.9	9.3	6.0	-1.0	0	1	0	0	0	0	0	0	0	0
MANGALORE	32.1	+0.4	34.6	08	..	..	..	..	0.0	0.0	- 15.7	0.0	..	0	- 0.9	11.5	9.1	+1.0	0	0	0	0	0	0	0	0	0	0
MANGALORE H.P.	32.4	..	35.0	22	21.4	..	17.4	16	0.0	0.1	..	0.1	08	0	..	11.5	7.0	..	1	0	0	0	0	0	0	0	0	0
INTERIOR MYSORE NORTH																												
BIDAR	27.7	+0.6	29.7	27	20.0	+3.8	17.8	28	0.8	0.9	- 4.9	0.8	19	0	- 0.4	14.1	10.6	+1.2	1	1	0	0	0	0	0	0	0	0
GULBARGA	30.4	+0.9	32.2	27	16.3	+1.2	12.2	15	0.0	0.0	- 4.1	0.0	..	0	- 0.3	10.3	8.5	-1.3	0	0	0	0	0	0	0	0	0	0
BIJAPUR	29.9	+0.9	32.2	25	16.3	+1.1	12.6	17	0.0	5.6	- 1.0	5.6	01	1	+ 0.4	5.8	3.2	-0.9	0	1	0	0	0	0	0	0	0	0
RAICHUR	28.6	-0.5	31.0	27	17.7	-0.3	15.0	12	0.0	15.0	+11.7	15.0	31	1	+ 0.7	10.7	9.5	+0.1	0	1	0	0	0	0	0	0	0	0
BELGAUM	29.9	+0.6	32.5	25	14.9	+1.0	11.0	28	0.0	0.0	- 11.4	0.0	..	0	- 0.7	10.7	5.2	-1.3	0	0	0	0	0	0	0	0	0	0
BELGAUM (SAMRA)	28.3	+0.1	30.8	25	15.3	-0.2	10.4	28	0.0	0.0	- 4.5	0.0	..	0	- 0.4	11.4	5.9	-5.8	0	0	0	0	0	0	0	0	0	0
GADAG	29.1	0.0	31.8	26	16.7	+0.2	13.9	12	0.0	0.3	- 9.1	0.3	19	0	- 0.6	9.1	6.3	-1.3	0	1	0	0	0	0	0	0	0	0
BIDAR A.F.	28.2	..	30.0	27	15.7	..	11.5	28	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
INTERIOR MYSORE, SOUTH																												
BELLARY	30.1	+0.8	32.4	27	18.2	+0.8	14.0	15	0.3	14.3	+ 9.2	14.0	07	1	+ 0.6	6.5	4.0	-0.4	0	2	0	0	0	0	0	0	0	0
CHITRADURGA	27.9	-0.1	31.4	29	17.1	+0.4	14.3	12	0.8	2.0	- 13.2	1.2	18	0	- 0.8	8.6	6.3	-1.3	0	2	0	0	0	0	0	0	0	0
SHIMOGA	..	..	..	..	..	..	..	..	0.0	0.0	- 6.6	0.0	..	0	- 0.5	9.4	5.2	+0.7	0	0	0	0	0	3	0	0	0	0
AGUMBE	27.9	..	30.2	09	14.5	..	9.8	13	..	0.0	..	0.0	..	0	..	.	6.2	..	0	0	0	0	0	0	0	0	0	0
BALEHONNUR	28.5	+2.3	31.1	23	14.9	0.0	10.7	14	..	0.0	- 11.7	0.0	..	0	- 0.8	..	..	..	0	0	0	0	0	3	0	0	0	0
HASSAN	24.8	-2.0	28.1	28	15.5	+0.5	13.6	24	0.0	0.0	- 17.3	0.0	..	0	- 1.2	5.0	2.2	-3.6	0	0	0	0	0	0	0	0	0	0
BANGALORE	26.7	+1.0	29.6	28	15.5	+0.2	10.2	13	4.8	11.7	- 1.5	7.3	19	1	- 0.2	11.8	9.9	+0.3	0	6	0	0	0	1	0	0	0	0
BANGALORE AERODROME	26.3	-0.6	29.2	28	14.9	-0.5	9.4	13	11.3	17.4	+ 3.8	8.7	08	2	+ 0.8	..	..	..	0	4	0	0	0	10	0	0	0	0
MYSORE	26.7	-0.3	28.5	31	16.8	+0.3	12.6	13	0.0	3.4	- 8.5	3.4	19	1	+ 0.1	14.7	10.7	-0.6	0	1	0	0	0	0	0	0	0	0
YALANKA A.F.	26.5	..	29.4	29	14.9	..	10.1	13	0.0	11.3	..	10.5	19	1	..	..	..	..	0	2	0	0	0	6	0	0	0	0
KERALA																												
CALICUT	32.0	+0.4	33.2	21	22.6	+0.4	19.2	16	0.0	6.0	- 24.5	6.0	08	1	- 0.6	7.7	6.2	-2.1	0	1	0	0	0	0	0	0	0	0
PALGHAT	32.7	+0.6	34.4	31	21.9	-0.3	17.0	12	0.0	0.0	- 25.1	0.0	..	0	- 1.3	12.2	9.0	-1.9	0	0	0	0	0	0	0	0	0	0
FORT COCHIN	31.0	+0.7	32.2	27	22.3	-1.2	19.5	12	1.0	28.0	- 20.0	14.2	31	3	+ 0.4	10.7	7.8	+0.7	0	3	0	0	2	0	0	0	0	0
COCHIN (NAVAL AIR STATION)	31.3	..	32.8	20	22.4	..	18.9	12	1.0	58.8	..	54.0	31	2	..	9.9	7.9	..	0	2	0	0	4	0	0	0	0	0
ALLEPPEY	31.6	+0.2	33.4	02	23.1	+0.3	20.0	12	4.2	39.0	- 9.1	23.8	07	4	+ 0.5	11.7	8.5	0.0	0	5	0	0	4	0	0	0	0	0
PUNALUR	33.8	+1.3	35.4	04	20.2	-0.7	15.5	12	0.0	57.0	+ 32.8	24.2	19	3	0.0	6.1	3.9	-0.5	0	3	0	0	0	0	0	0	0	0
TRIVANDRUM	30.8	-0.1	33.1	25	22.4	-0.1	20.5	12	40.7	99.2	+ 24.5	55.8	18	3	- 0.1	7.4	5.3	+0.5	1	7	0	0	4	0	0	0	0	0
TRIVANDRUM AERODROME	30.6	+0.1	31.8	01	22.6	+0.3	19.7	15	..	71.5	+ 18.3	54.4	18	3	- 0.1	.	4.5	-1.1	1	6	0	0	5	0	0	0	0	0
ARABIAN SEA ISLANDS																												
AMINI	31.2	-0.3	32.3	09	24.1	+0.2	21.4	16	13.1	15.0	- 25.9	8.1	21	2	- 0.2	8.8	6.3	+1.4	0	4	0	0	1	0	0	0	0	0
AGATTI	30.1	..	32.2	04	..	..	..	..	9.9	23.6	..	12.6	19	3	..	4.0	2.4	..	0	3	0	0	1	0	0	0	0	0
ANDROTH	31.3	..	32.1	08	23.9	..	20.7	16	0.0	3.4	..	3.4	19	1	..	3.6	2.5	..	0	1	0	0	0	0	0	0	0	0
MINICOY	30.5	+0.8	31.9	20	22.3	-1.0	18.7	14	40.0	90.2	+ 4.3	49.0	19	5	+ 0.3	6.0	3.6	-2.6	0	10	0	0	4	0	0	0	0	0
HILL STATIONS (EXCLUDING KASHMIR)																												
DALHOUSIE	15.8	+0.7	19.4	02	6.9	+1.8	2.2	12	0.0	36.2	- 56.3	36.2	12	1	- 3.2	.	3.0	+0.1	0	1	0	0	0	0	0	0	0	0
DHARMASALA	17.6	+0.6	21.4	10	6.2	-2.2	0.7	27	37.2	105.9	+ 52.1	46.2	26	3	+ 0.5	3.0	6.8	+3.0	0	5	0	0	1	1	0	0	0	0
BHUNTAR	16.9	..	22.7	10	1.5	..	- 4.7	28	19.2	89.3	..	78.8	26	2	..	5.0	3.8	..	0	4	2	0	0	1	0	0	0	0
SIMLA	11.1	-0.2	16.9	20	3.0	-1.2	- 5.3	27	9.4	41.0	+ 13.3	29.4	26	3	+ 0.6	4.3	3.5	-0.0	0	3	0	0	0	0	0	0	0	0
DHARMPUR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
GHANGARIA (KANJALIA TOK)	12.5	+9.2	9.6	01	- 4.5	-5.7	- 7.7	28	..	99.8	- 3.4	45.4	27	4	- 0.8	..	..	..	.	..	..	..	..	..	..	..	..	.
BADRINATH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
JOSHIMATH	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
MUSSOORIE	13.1	+0.4	20.1	11	3.3	-1.0	- 2.7	26	6.4	15.9	- 25.9	9.5	26	2	- 0.2	4.9	3.7	-3.1	0	2	0	0	0	7	0	0	0	0
MUKTESWAR (KUMAUN)	13.5	+1.0	18.3	22	3.5	-0.3	- 4.4	27	8.4	9.2	- 15.4	8.4	27	1	- 0.7	9.8	11.6	+1.1	0	2	0	0	0	0	0	0	0	0
NAINITAL	13.0	-0.1	18.4	22	3.5	0.0	- 0.3	29	2.0	26.0	- 9.3	25.0	26	1	- 0.1	7.8	6.8	+0.1	0	2	0	0	0	0	0	0	0	0
KALIMPONG	18.5	+1.2	21.6	10	8.1	-0.7	2.4	31	0.0	0.0	- 6.6	0.0	..	0	- 0.6	6.2	5.0	-3.7	0	0	0	0	0	0	0	0	0	0
DARJEELING	13.1	+1.2	16.4	05	1.7	-2.7	2.0	30	0.0	0.0	- 6.3	0.0	..	0	- 0.7	1.6	1.4	-0.1	0	0	0	0	0	0	0	0	0	0
KOHIMA	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
SHILLONG (C.S.O.)	17.1	-0.3	19.7	15	6.0	+3.2	0.4	29	1.0	7.7	+ 1.6	6.5	01	1	+ 0.3	3.7	2.5	+0.2	1	3	0	0	0	8	0	0	0	0
CHERRAPUNJI	18.3	+1.3	23.1	02	10.7	+1.9	5.1	21	0.0	0.0	- 9.9	0.0	..	0	- 0.5	5.9	4.6	-0.8	0	0	0	0	0	12	0	0	0	0
ABU	21.5	+0.3	25.0	08	8.3	-2.9	3.2	28	0.0	0.0	- 2.7	0.0	..	0	- 0.7	2.9	2.2	-1.5	0	0	0	0	0	0	0	0	0	0
AIJAL	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	.
PACHMARHI	21.6	-1.2	24.4	12	6.8	-0.7	1.4	28	0.0	0.0	- 8.6	0.0	..	0	- 0.8	3.2	1.9	-0.8	0	0	0	0	0	0	0	0	0	0

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER – DECEMBER, 1968 (AGRAHAYANA 10 – PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena – No. of days with										
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
HILL STATIONS (EXCLUDING KASHMIR)																												
MAHABALESHWAR	24.6	+1.1	26.8	25	13.0	-0.9	9.2	31	0.0	31.1	+ 25.8	21.1	01	2	+ 1.5	11.0	11.0	+1.3	0	2	0	0	0	1	0	0	0	0
MERCARA	24.7	+1.2	27.5	26	13.2	-1.4	9.8	13	10.0	17.9	- 4.2	9.4	27	2	+ 0.6	14.2	11.7	+0.3	0	5	0	0	0	1	0	0	0	0
OOTACAMUND	20.0	+0.3	22.3	02	6.2	-0.1	1.0	14	5.2	33.2	- 15.3	11.4	18	4	+ 0.3	3.1	2.0	-1.2	0	5	0	0	0	0	0	0	0	0
COONOOR	20.1	+1.3	22.6	25	6.8	-2.6	0.9	14	..	144.8	- 1.8	53.8	19	5	- 1.4	..	..	..	2	6	0	0	0	0	0	0	0	0
KODAIKANAL	16.5	+0.1	20.0	06	8.5	-0.1	5.6	14	39.0	124.3	- 5.5	57.0	18	6	- 0.9	11.5	12.2	-0.5	0	10	0	0	0	11	0	0	0	0
MANALI	13.3	..	19.5	21	- 0.5	..	-10.0	27	8.0	84.0	..	40.0	26	4	..	.	13.8	..	0	5	0	0	0	0	0	0	0	0
NEPAL																												
KATMANDU	21.1	+2.0	24.4	01	2.2	-0.8	- 0.1	19	0.0	0.0	- 3.1	0.0	..	0	- 0.3	1.8	1.1	-0.1	0	0	0	0	0	14	0	0	0	0
SIKKIM																												
LACHEN	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
HYDROMETEOROLOGICAL OBSERVATORIES																												
DAMODAR CATCHMENT																												
TILAIYA	23.3	..	26.0	06	8.4	..	2.6	31	0.0	1.8	..	1.8	27	0	..	7.0	3.2	..	0	1	0	0	0	0	0	0	0	0
HAZARIBAGH	22.1	..	24.5	04	7.3	..	2.8	30	0.0	6.0	..	6.0	27	1	..	5.4	3.0	..	0	1	0	0	0	0	0	0	0	0
KONAR	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
BOKARO	26.1	..	28.2	07	10.0	..	8.0	31	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
MAITHON	26.2	..	28.9	09	8.7	..	4.0	30	0.0	0.2	..	0.2	27	0	..	..	..	..	1	0	0	0	1	0	0	0	0	0
RAMGARH	25.7	..	27.4	07	4.7	..	1.0	29	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
PANCHET HILLS	25.5	..	27.5	07	11.5	..	6.8	31	0.3	0.5	..	0.3	28	0	..	3.5	2.0	..	1	1	0	0	0	0	0	0	0	0
DURGAPUR	25.6	..	28.2	06	10.5	..	6.6	29	0.0	0.0	..	0.0	..	0	..	11.0	10.5	..	0	0	0	0	0	0	0	0	0	0
MAHANADI CATCHMENT																												
GINABAHAR	26.6	..	29.3	07	7.3	..	3.2	29	..	6.4	..	6.4	27	1	..	..	..	..	0	1	0	0	0	0	0	0	0	0
HIRAKUD	27.6	..	30.0	14	13.2	..	9.2	30	0.0	0.0	..	0.0	..	0	..	4.7	3.0	..	0	0	0	0	0	0	0	0	0	0
RHIMKUND	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
SONEPUR	27.5	..	29.2	09	12.5	..	10.6	26	..	2.5	..	2.5	27	1	..	.	0.0	..	0	1	0	0	0	0	0	0	0	0
KHIJRAWAN	27.0	..	29.1	04	10.0	..	5.1	24	0.0	0.0	..	0.0	..	0	..	6.8	4.3	..	0	0	0	0	0	0	0	0	0	0
NARMADA CATCHMENT																												
BAGRA TAWA	26.8	..	30.5	12	8.9	..	1.6	28	0.0	0.0	..	0.0	..	0	..	6.8	3.9	..	0	0	0	0	0	0	0	0	0	0
PUNASA	29.1	..	32.5	11	10.9	..	3.9	28	0.0	0.0	..	0.0	..	0	..	3.0	2.6	..	0	0	0	0	0	0	0	0	0	0
THIKRI	30.9	..	34.4	12	12.3	..	3.9	29	..	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
SABARMATI CATCHMENT																												
DAROI	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Air temperature in °C								Rainfall in millimetres					No of rainy days (2.5 mm. or more)		Wind speed km. per hour			Weather phenomena - No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 to 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 to 1730 hours	Mean 24 hours	Departure from normal	Precipitation 0.1 & 0.2 mm.	Precipitation 0.3 mm. or more	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Gale	Squall	Line Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 a	20 b	21	22	23	24	25	26	27	28
GANDAK CATCHMENT																												
JAMOSOM	13.9	..	19.6	12	- 1.5	..	- 5.9	28	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
KHUDI BAZAR	20.7	..	24.4	01	7.8	..	4.9	31	1.2	3.2	..	2.0	27	0	..	..	..	..	0	2	0	0	0	0	0	0	0	0
TIMURE	17.3	..	19.7	19	4.6	..	0.5	29	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
POKHARA	20.4	..	23.7	01	7.9	..	4.5	29	0.2	1.1	..	0.9	27	0	..	5.5	6.0	..	1	1	0	0	0	0	0	0	0	0
GORKHA	19.3	..	22.1	01	8.0	..	4.9	29	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	1	1	0	0	0	0
NUWAKOT	21.4	..	23.6	02	10.1	..	7.6	29	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)																												
DAILEKH	16.7	..	20.7	22	6.6	..	3.0	29	1.4	12.8	..	12.8	27	1	..	..	..	..	0	1	0	0	0	0	0	0	0	0
GHAGHARA CATCHMENT																												
SALLYANA	18.6	..	21.4	20	8.7	..	5.0	28	9.7	21.0	..	14.7	27	2	..	..	..	..	0	3	0	0	0	0	0	0	0	0
BUTWAL	24.5	..	26.9	16	13.6	..	7.9	28	5.0	36.2	..	31.2	27	2	..	..	..	..	0	2	0	0	0	0	0	0	0	0
BAGHMATI CATCHMENT																												
KATMANDU	..	SEE UNDER NEPAL				..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.
KOSI CATCHMENT																												
CHAUTARA	..	..	..	..	7.9	..	5.1	29	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
WALUNGCHUNG GOLA	9.7	..	11.7	22	- 0.6	..	- 5.6	29	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
TAPLETHOK	22.3	..	24.1	03	6.9	..	3.8	29	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
BHIJPUR	16.0	..	19.5	05	8.1	..	4.7	30	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
TAPLEJUNG	16.1	..	18.2	09	4.8	..	2.1	29	0.0	0.0	..	0.0	..	0	..	5.4	3.9	..	0	0	0	0	0	0	0	0	0	0
DHALDHINGA	17.8	..	20.8	15	5.9	..	2.2	29	0.0	0.0	..	0.0	..	0	..	0.5	0.3	..	0	0	0	0	0	0	0	0	0	0
CHAINPUR	..	..	..	..	10.2	..	7.1	30	0.0	0.0	..	0.0	..	0	..	..	..	..	0	0	0	0	0	0	0	0	0	0
HARAHAKSHETRA	24.3	..	26.7	02	12.4	..	9.4	29	0.0	0.0	..	0.0	..	0	..	4.7	3.7	..	0	0	0	0	0	0	0	0	0	0
TISTA CATCHMENT																												
GANGTOK	18.1	..	20.1	02	5.0	..	2.2	30	0.0	0.0	..	0.0	..	0	..	4.1	3.0	..	0	0	0	0	0	0	0	0	0	0
GEZING	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	.	..	.

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mb.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BAY ISLANDS																											
MAYA BANDAR	0830	28	1012.8	1009.7	-1.5	27.2	24.3	22.9	27.9	78	+ 3	3.8	-0.1	7.9	0	4	18	01	18	3	0	0	0	0	0	9	0
	1730	28	1010.2	1007.0	-1.7	27.0	23.9	22.5	27.3	76	+ 0	4.7	+0.8	11.0	0	7	20	00	24	3	0	0	0	0	0	4	0
LONG ISLAND	0830	25	1012.7	1009.8	-1.3	28.0	24.4	22.7	27.6	73	- 4	4.5	+0.4	2.3	0	0	23	00	14	3	4	0	0	0	2	8	0
	1730	25	1010.5	1007.6	-1.1	26.7	23.7	22.3	26.9	78	- 2	5.4	+1.3	1.4	0	0	16	00	12	0	4	0	0	0	0	15	0
PORT BLAIR	0530	79	1010.7	1001.7	..	24.7	23.1	22.3	26.9	87	..	4.7	..	10.3	0	7	16	03	10	9	0	0	0	1	0	8	0
	0830	79	1012.5	1003.7	-0.6	28.4	24.9	23.3	28.6	75	+ 3	5.0	+0.2	12.7	0	4	23	02	16	7	1	0	0	0	1	4	0
	1130	79	1010.7	1001.9	..	29.7	25.6	23.7	29.3	71	..	4.9	..	16.2	0	9	22	03	22	6	0	0	0	0	0	0	0
	1430	79	1008.8	1000.0	..	28.9	25.1	23.4	28.8	72	..	4.7	..	15.4	0	6	25	04	17	8	1	0	0	0	1	0	0
	1730	79	1010.1	1001.1	-0.6	26.4	23.8	22.6	27.4	80	+ 0	4.8	-0.5	10.6	0	2	28	03	16	6	1	0	0	0	4	1	0
	2030	79	1011.7	1002.7	..	25.7	23.6	22.5	27.3	83	..	3.6	..	10.5	0	3	25	01	17	6	1	0	0	1	2	3	0
	2330	79	1011.2	1002.3	..	25.3	23.5	22.6	27.4	85	..	4.2	..	11.0	0	6	20	02	16	7	1	0	0	0	0	5	0
CAR NICOBAR	0830	10	1011.5	1010.3	-1.2	28.4	25.0	23.5	28.9	75	+ 0	5.4	+1.0	3.6	0	0	25	00	21	1	3	0	0	0	0	6	0
	1730	10	1009.0	1007.8	-1.4	27.1	24.8	23.7	29.3	82	+ 0	5.9	+1.4	1.8	0	0	16	00	10	3	3	0	0	0	0	15	0
NAN COWRY	0830	26	1011.7	1008.8	-0.9	27.6	25.3	24.2	30.2	82	+ 3	5.0	+0.0	2.8	0	0	16	00	4	2	7	1	1	0	1	15	0
	1730	26	1009.2	1006.4	-0.8	27.1	24.8	23.8	29.5	82	- 2	4.9	+0.3	1.0	0	0	7	00	1	2	3	0	1	0	0	24	0
KONDUL	0830	8	1012.1	1011.3	-0.2	27.8	25.5	24.5	30.7	82	+ 1	5.8	+0.6	5.7	0	0	17	00	16	1	0	0	0	0	0	14	0
	1730	8	1009.8	1008.9	-0.2	27.3	25.2	24.3	30.4	83	+ 0	5.5	+0.3	5.0	0	0	18	00	14	4	0	0	0	0	0	13	0
NORTH ASSAM (INCLUDING NEFA)																											
PASICHAT	0830	157	1018.0	999.6	-0.2	16.4	12.4	8.6	11.2	60	- 8	1.4	-1.4	27.4	0	30	1	00	0	0	0	0	0	0	31	0	0
	1730	157	1013.8	995.5	-0.8	16.3	13.6	11.3	13.4	72	-10	1.9	-0.5	3.8	0	0	21	05	0	0	0	0	0	1	15	10	0
DIBRUGARH (MOHANBARI)	0230	111	1015.4	1002.1	..	9.6	9.0	8.4	11.0	93	..	1.8	..	0.3	0	0	1	00	1	0	0	0	0	0	0	30	0
	0530	111	1016.1	1002.6	..	8.1	7.7	7.4	10.3	95	..	2.4	..	0.5	0	0	3	00	2	0	0	0	0	0	1	28	0
	0830	111	1018.1	1005.0	-0.5	15.6	13.5	11.7	13.7	78	- 3	1.8	-0.9	5.4	0	0	27	00	16	10	1	0	0	0	0	4	0
	1130	111	1014.9	1002.1	..	22.4	15.6	9.9	12.2	45	..	2.2	..	6.4	0	0	28	02	24	0	1	0	0	1	0	3	0
	1430	111	1012.5	999.8	..	24.1	16.1	9.4	11.8	39	..	2.4	..	4.4	0	0	24	04	15	3	0	0	0	1	1	7	0
	1730	111	1013.6	1000.6	-1.1	16.7	14.0	11.8	13.8	72	-11	2.1	-0.3	0.4	0	0	1	00	1	0	0	0	0	0	0	30	0
	2030	111	1015.4	1002.2	..	12.1	11.0	10.0	12.3	87	..	1.9	..	0.6	0	0	2	00	2	0	0	0	0	0	0	29	0
	2330	111	1015.7	1002.4	..	10.5	9.9	9.3	11.7	92	..	2.0	..	0.1	0	0	1	00	0	1	0	0	0	0	0	30	0
DIGBOI	0830	152	1018.5	1000.4	-0.5	15.7	14.3	13.2	15.2	85	- 1	0.8	-3.2	2.0	0	0	31	10	0	2	2	5	4	4	4	0	0
	1730	152	1013.7	995.9	-1.5	18.8	16.4	14.7	16.7	76	+ 1	.	..	0.1	0	0	2	00	0	0	0	0	0	0	2	29	0
NORTH LAKHIMPUR	0830	102	1017.9	1005.9	-0.4	17.3	14.4	12.0	14.0	71	- 9	1.6	-1.0	5.5	0	0	29	08	15	3	3	0	0	0	0	2	0
	1130	102	1015.3	1003.5	..	23.1	16.5	11.3	13.4	48	..	1.6	..	6.4	0	0	31	00	10	6	9	3	1	0	0	0	2
	1430	102	1012.8	1001.1	..	24.5	16.7	10.5	12.7	42	..	1.8	..	5.4	0	0	27	02	10	7	3	3	0	0	0	4	2
	1730	102	1013.5	1001.6	-1.1	17.3	14.7	12.3	14.3	75	-10	1.4	-1.2	0.6	0	0	5	01	0	0	0	2	1	0	1	26	0
	2030	102	1015.2	1003.1	..	12.9	12.1	11.4	13.5	90	..	0.9	..	0.3	0	0	1	01	0	0	0	0	0	0	0	30	0
SIBSAGAR	0830		(R)																								
	1730		(R)																								
GOHPUR	0830	83	1018.1	1008.4	..	16.0	14.4	13.1	15.1	83	- 4	2.0	..	0.3	0	0	4	00	0	4	0	0	0	0	0	27	0
	1730	83	1013.7	1004.0	..	17.7	15.3	13.5	15.5	77	- 4	1.7	..	0.3	0	0	4	00	0	1	0	0	0	3	0	27	0
MAJBAT	0830	120	1017.4	1003.3	-0.6	17.4	14.9	13.0	15.0	76	..	1.3	-0.7	0.1	0	0	1	00	0	0	1	0	0	0	0	30	0
	1730	120	1012.7	998.8	-1.4	21.6	18.9	17.3	19.7	77	..	1.2	-1.1	0.1	0	0	1	00	0	0	0	0	1	0	0	30	0
JORHAT AERODROME	0530	90	1015.8	1005.1	..	9.8	9.8	9.8	12.1	100	..	3.5	..	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
	0830	90	1017.9	1007.3	..	15.5	14.4	13.6	15.6	89	..	3.4	..	0.2	0	0	1	00	0	0	0	1	0	0	0	30	0
	1130	90	1014.7	1004.5	..	22.5	17.8	14.6	16.6	62	..	1.5	..	4.2	0	0	15	01	13	0	0	1	0	0	0	16	0
	1730	90	1013.3	1002.8	..	18.8	16.1	14.1	16.1	75	..	1.5	..	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
	2330	90	1015.1	1004.1	..	11.8	11.5	10.8	12.9	95	..	0.7	..	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
TANGLA	0830	78	1015.3	1007.7	-0.5	17.9	15.0	12.7	14.7	72	- 4	0.3	-1.0	0.1	0	0	1	00	0	1	0	0	0	0	0	30	0
	1730	78	1010.5	1003.0	-1.4	21.1	18.3	16.5	18.8	75	- 2	0.2	-0.9	0.0	0	0	1	00	0	1	0	0	0	0	0	30	0
TEZPUR	0830	79	1017.9	1008.6	-0.6	15.5	13.8	12.4	14.4	82	- 2	1.4	-0.3	2.9	0	0	24	01	22	0	1	0	0	0	0	7	0
	1730	79	1013.2	1004.1	-0.9	20.0	17.4	15.6	17.7	77	- 1	0.7	-0.5	0.6	0	0	5	00	5	0	0	0	0	0	0	25	0
GOLAGHAT	0830	95	1016.7	1005.4	-1.2	15.7	14.1	12.8	14.8	83	+ 2	1.0	-2.1	0.8	0	0	12	00	3	0	1	2	1	0	5	19	0
	1730	95	1012.0	1001.0	-1.6	23.8	17.4	12.8	14.8	53	-15	0.9	-2.2	0.2	0	0	4	00	3	0	0	0	0	0	1	22	0
RANGIA	0830	60	1018.3	1011.3	..	18.8	16.4	14.7	16.7	77	- 4	1.2	..	4.8	0	1	24	00	6	14	3	0	0	2	0	5	0
	1730	60	1014.2	1007.2	..	20.8	18.1	16.3	18.5	75	+ 0	0.9	..	0.4	0	0	1	00	0	0	0	0	0	1	0	24	0
CHARAMUKH	0830	66	1019.9	1012.2	+1.0	18.1	16.1	14.7	16.7	80	+ 0	1.2	-0.7	5.4	0	0	30	00	3	12	14	1	0	0	0	0	0
	1730	66	1015.9	1008.3	+1.5	19.9	16.8	14.6	16.6	72	- 3	1.2	-0.5	0.1	0	0	1	00	1	0	0	0	0	0	0	21	0
GOALPARA	0830	38	1017.3	1012.9	+0.0	17.7	15.7	14.2	16.2	88	- 1	0.3	-1.9	1.5	0	0	23	00	17	5	0	0	1	0	0	8	0
	1730	38	1012.8	1008.4	-0.1	23.1	21.5	20.7	24.4	86	+19	0.8	+0.0	0.5	0	0	7	00	5	0	0	0	2	0	0	23	0
GAUHATI (BORJOR)	0230	54	1014.5	1008.0	..	12.2	12.0	11.8	13.8	98	..	0.6	..	11.1	0	0	1	00	0	0	0	1	0	0	0	30	0
	0530	54	1015.1	1008.6	..	11.3	11.2	11.1	13.2	99	..	1.2	..	0.4	0	0	2	00	0	0	0	1	0	1	0	29	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C: Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.): 62 or more	20 to 61	1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
NORTH ASSAM (INCLUDING NEFA) (CONTD)																											
GAUHATI (BHOR JOR)	0830	54	1017.8	1011.2	-0.9	16.5	15.3	14.4	16.4	87	+ 1	1.9	-0.7	0.4	0	0	3	01	1	0	0	0	1	0	0	28	0
	1130	54	1014.7	1008.5	..	22.6	17.9	14.6	16.6	61	..	1.5	..	7.5	0	0	27	08	11	2	0	0	0	1	2	4	3
	1430	54	1012.1	1005.9	..	24.6	18.2	13.7	15.7	50	..	1.9	..	6.2	0	0	25	08	13	1	0	0	0	2	1	6	0
	1730	54	1013.0	1006.7	-1.5	19.3	16.9	15.2	17.3	77	- 6	2.6	-0.1	1.2	0	0	8	00	1	1	0	4	0	1	1	23	0
	2030	54	1014.8	1008.6	..	15.6	14.9	14.4	16.4	92	..	1.2	..	0.8	0	0	5	00	0	0	0	4	1	0	0	26	0
	2330	54	1014.9	1008.5	..	13.7	13.3	13.0	15.0	96	..	0.8	..	0.2	0	0	1	00	0	0	0	0	1	0	0	30	0
DHUBRI (RUPSI)	0530	45	1014.8	1009.4	..	10.3	10.1	9.9	12.2	97	..	1.6	..	5.6	0	0	29	00	24	0	0	0	0	0	1	2	0
	0830	46	1016.9	1011.6	-0.2	17.7	15.3	13.5	15.5	77	- 4	1.7	+0.0	6.5	0	0	31	00	24	5	0	0	1	0	1	0	0
	1130	45	1015.1	1009.8	..	22.6	17.5	13.9	15.9	58	..	1.8	..	6.9	0	0	30	00	13	12	3	0	2	0	0	1	0
	1730	46	1012.9	1007.6	+0.2	19.0	16.4	14.5	16.5	76	- 7	2.0	+0.7	0.3	0	0	3	01	1	0	0	0	0	0	1	24	0
DHUBRI	0830		..	..	..	16.9	15.3	14.1	16.1	84	+ 0	0.3	-1.0	5.1	0	0	26	00	23	3	0	0	0	0	0	5	0
	1730		..	..	..	21.4	17.4	14.7	16.7	67	- 4	0.5	-0.8	0.6	0	0	8	02	4	0	1	0	0	0	1	23	0
LUMDING	0830	149	1019.4	1001.8	..	13.6	12.4	11.4	13.5	87	+ 1	0.9	..	0.3	0	0	4	00	0	4	0	0	0	0	0	27	0
	1730	149	1013.0	996.2	..	23.0	18.1	14.8	16.8	61	..	1.3	..	0.3	0	0	4	01	0	2	1	0	0	0	0	27	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																											
TURA	0830	370	1017.5	974.5	-1.1	16.1	13.5	11.3	13.4	74	- 4	2.1	+0.5	4.1	0	0	30	01	5	20	2	1	1	0	0	1	0
	1730	370	1013.3	971.1	-1.5	21.4	17.3	14.4	16.4	64	- 7	3.0	-0.5	2.3	0	0	24	02	1	5	6	5	2	3	0	7	0
HAFLONG	0830	682	1017.5	939.9	+0.5	16.3	13.4	10.9	13.0	72	- 5	1.3	-1.0	2.0	0	0	31	06	5	0	0	0	6	0	14	0	0
	1730	682	1012.4	935.7	-0.4	17.8	14.3	11.4	13.5	68	- 6	1.3	-1.0	2.1	0	0	31	02	0	0	0	1	21	0	7	0	0
SILCHAR (KUMBHIRGRAM)	0530	97	1013.3	1001.9	..	12.8	11.6	10.5	12.7	85	..	1.1	..	8.2	0	0	31	00	0	31	0	0	0	0	0	0	0
	0830	97	1015.4	1004.0	-0.8	17.3	14.3	11.9	13.9	70	- 5	1.7	+0.6	11.3	0	0	31	00	1	29	1	0	0	0	0	0	0
	1130	97	1012.7	1001.6	..	23.2	16.6	11.5	13.6	48	..	1.6	..	7.4	0	0	29	00	0	21	5	2	0	0	0	2	1
	1730	97	1011.3	1000.1	-0.9	20.5	16.8	14.2	16.2	68	+ 0	2.0	+0.9	5.1	0	0	28	02	14	11	0	0	0	1	0	3	0
SILCHAR	0830	29	1016.4	1012.9	-1.1	16.8	15.3	14.2	16.2	84	+ 0	2.0	+0.1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730	29	1012.2	1008.8	-1.2	22.5	17.9	14.8	16.8	61	- 7	1.7	+0.4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
IMPHAL (TULIHAL)	0530	781	1020.0	928.4	..	5.6	5.2	4.7	8.5	95	..	2.3	..	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
	0830	781	1019.2	929.5	-1.4	12.3	10.3	8.5	11.1	79	- 2	3.1	+0.2	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
	1130	781	1015.1	937.9	..	19.9	13.8	9.6	11.9	54	..	1.7	..	3.2	0	0	11	00	0	0	3	3	2	2	1	20	0
	1430	781	1011.7	925.2	..	22.0	14.4	8.2	10.9	42	..	1.9	..	3.3	0	0	11	00	0	0	0	5	5	0	1	20	0
	1730	781	1012.2	924.1	-1.1	15.5	12.1	9.2	11.7	67	- 5	1.8	+0.3	0.8	0	0	2	00	0	0	1	0	0	1	0	29	0
	2030	781	1017.5	927.7	..	10.8	9.6	8.5	11.1	86	..	1.2	..	0.3	0	0	1	01	0	0	0	0	0	0	0	30	0
	2330	781	1018.4	927.8	..	8.7	7.9	7.1	10.1	86	..	1.1	..	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
KAILASHAHAR	0530	29	1015.1	1011.6	..	11.8	11.6	11.4	13.5	98	..	1.1	..	0.4	0	0	3	00	0	0	1	2	0	0	0	28	0
	0830	29	1017.1	1013.7	-0.5	17.3	15.9	14.9	16.9	85	+ 2	1.7	+0.2	2.3	0	0	17	02	1	0	2	8	2	2	0	14	0
	1130	29	1014.7	1011.4	..	24.0	18.7	15.2	17.3	58	..	2.1	..	6.5	0	0	29	11	4	2	2	1	0	4	3	2	2
	1730	29	1013.4	1010.0	-0.8	20.8	17.9	16.0	18.2	74	- 2	1.9	+0.3	0.8	0	0	8	02	1	0	0	0	1	2	2	23	0
AGARTALA	0230	16	1013.0	1011.1	..	12.9	12.3	11.8	13.8	92	..	0.3	..	1.2	0	0	9	02	2	0	1	1	0	2	1	22	0
	0530	16	1013.4	1011.5	..	11.9	11.4	10.9	13.0	94	..	1.5	..	0.8	0	0	5	01	0	0	2	1	1	0	0	26	0
	0830	16	1015.7	1013.8	-0.7	19.7	16.7	15.0	17.0	80	+ 4	2.2	+0.9	3.6	0	0	16	07	3	0	1	0	0	2	3	15	0
	1130	16	1013.4	1011.7	..	24.5	18.2	13.8	15.8	51	..	2.6	..	9.1	0	0	31	08	4	0	0	0	2	4	13	0	0
	1430	16	1011.4	1009.6	..	25.4	18.4	13.5	15.5	47	..	2.6	..	9.0	0	0	30	10	1	0	0	0	0	7	12	1	0
	1730	16	1012.1	1010.2	-1.0	20.7	17.3	15.0	17.0	70	+ 1	1.9	+0.4	4.4	0	0	23	10	3	0	0	0	0	2	8	8	0
	2030	16	1013.7	1011.8	..	16.3	14.9	13.8	15.5	86	..	0.6	..	2.0	0	0	14	04	3	3	1	1	1	1	0	17	0
	2330	16	1013.6	1011.7	..	14.2	13.4	12.7	14.7	91	..	0.3	..	0.6	0	0	5	01	0	0	0	2	1	0	1	26	0
SUB-HIMALAYAN WEST BENGAL																											
BAGHDOGRA	0230	131	1015.1	999.4	..	10.6	9.8	9.0	11.5	90	..	0.6	..	0.9	0	0	4	03	0	0	0	0	0	0	1	27	0
	0530	131	1015.4	999.6	..	8.7	8.0	7.2	10.1	91	..	1.2	..	0.9	0	0	5	03	1	0	0	0	0	0	1	26	0
	0830	131	1017.4	1002.0	-0.4	17.7	15.0	12.9	14.9	73	- 3	1.6	-0.2	1.7	0	0	7	01	3	1	0	0	1	0	1	24	0
	1130	131	1015.3	1000.3	..	24.9	17.9	12.9	14.9	48	..	1.9	..	11.1	0	1	29	00	2	12	6	2	7	0	1	1	0
	1430	131	1012.7	997.8	..	25.1	18.0	12.9	14.9	47	..	2.1	..	11.0	0	0	31	00	2	5	3	6	13	1	0	0	1
	1730	131	1013.4	998.1	-0.9	18.4	15.7	13.7	15.7	74	- 7	1.5	-1.0	4.4	0	0	14	00	2	0	0	2	9	1	0	17	0
	2030	131	1015.3	999.7	..	14.4	13.0	11.9	13.9	84	..	0.6	..	4.1	0	0	12	03	0	0	0	0	1	1	7	19	0
	2330	131	1015.5	999.8	..	12.3	11.2	10.2	12.4	88	..	0.5	..	1.9	0	0	7	05	0	0	0	0	0	0	2	24	0
JALPAIGURI	0830	83	1017.7	1007.8	+0.1	12.8	11.0	9.3	11.7	80	- 6	1.3	+0.1	4.2	0	0	18	13	2	0	0	0	1	1	1	2	0
	1730	83	1013.4	1003.8	+0.0	21.0	17.2	14.5	16.5	66	+ 3	0.7	-0.6	1.3	0	0	8	00	0	0	1	6	1	0	0	12	0
COOCH BEHAR AERODROME	0830	43	1017.8	1012.7	+0.0	17.0	14.6	12.7	14.7	76	+ 1	1.7	+0.6	6.8	0	4	24	03	12	12	0	1	0	0	0	3	0
	1130	43	1015.5	1010.6	..	23.0	17.2	12.9	14.9	53	..	1.8	..	10.8	0	2	28	01	3	13	4	1	0	1	0	1	7
	1730	43	1013.5	1008.6	-0.6	19.6	16.4	14.1	16.1	71	- 3	1.8	+0.5	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
BALURGHAT	0830	26	1017.1	1014.2	..	20.2	16.5	13.8	15.8	67	..	0.6	..	0.6	0	0	7	03	1	0	0	0	1	0	2	24	0
	1730	26	1013.4	1010.4	..	20.9	17.4	15.0	17.0	68	..	0.7	..	0.3	0	0	3	00	0	0	0	0	0	0	3	28	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry Bulb	Mean temperature in °C: Wet Bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	Wind Speed (Km. p. h.): 62 or more	Wind Speed (Km. p. h.): 20 to 61	Wind Speed (Km. p. h.): 1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SUB HIMALAYAN WEST BENGAL(CONTD.)																											
MALDA	0830	31	1017.6	1013.9	+0.0	17.7	14.0	10.9	13.0	64	- 8	1.0	+0.0	2.4	0	0	26	11	0	0	0	0	0	4	11	5	0
	1730	31	1013.4	1009.7	-0.5	21.8	16.7	13.0	15.0	57	- 6	1.2	+0.1	1.2	0	0	19	02	0	0	0	0	0	5	12	12	0
GANGETIC WEST BENGAL																											
BERHAMPORE	0830	19	1017.2	1015.1	+0.1	16.4	13.7	11.5	13.7	72	- 2	2.0	+0.8	1.6	0	0	22	12	0	1	0	6	2	1	0	9	0
	1730	19	1013.3	1011.2	-0.1	21.0	16.7	13.5	15.5	64	+ 3	0.9	-0.2	0.2	0	0	4	03	0	0	0	0	1	0	0	27	0
SURI	0830		..	..	..	21.1	14.8	9.4	11.8	47	-16	1.4	+0.2	4.0	0	0	31	17	1	2	0	0	0	8	3	0	0
ASANSOL	0230	126	1015.4	1000.3	..	11.6	10.3	9.0	11.5	84	..	0.6	..	1.3	0	0	9	03	0	0	0	0	0	2	4	22	0
	0530	126	1015.8	1000.7	..	10.7	9.6	8.5	11.1	86	..	0.8	..	1.4	0	0	12	02	1	0	0	0	0	4	5	19	0
	0830	126	1017.8	1002.9	+0.1	16.8	13.2	10.0	12.3	64	- 3	1.6	+0.4	3.5	0	0	22	02	0	0	0	0	0	4	16	9	0
	1130	126	1015.8	1001.3	..	24.2	16.5	10.3	12.5	42	..	1.9	..	7.1	0	0	27	09	4	0	0	0	0	0	14	4	0
	1430	126	1013.2	998.8	..	25.7	17.2	10.5	12.7	39	..	2.1	..	6.8	0	0	29	13	6	0	0	0	0	0	10	2	0
	1730	126	1013.8	999.1	+0.3	20.0	15.9	11.5	13.6	58	+10	1.6	-1.7	1.0	0	0	9	04	0	0	0	0	0	0	5	22	0
	2030	126	1015.7	1000.8	..	14.4	12.2	10.2	12.4	76	..	0.9	..	0.9	0	0	6	03	1	0	0	0	0	0	2	25	0
	2330	126	1015.7	1000.7	..	12.6	10.9	9.3	11.7	80	..	1.0	..	1.7	0	0	7	02	0	0	0	0	0	0	5	24	0
SHANTI NIKETAN	0830	59	1017.8	1010.8	..	16.5	13.2	10.3	12.5	67	..	2.0	..	4.7	0	0	29	11	1	0	0	0	0	7	10	2	0
	1130	59	1016.5	1009.6	..	23.1	15.1	7.9	10.7	48	..	2.0	..	4.5	0	0	30	15	2	1	0	0	0	3	9	1	0
	1730	59	1013.8	1006.9	..	20.2	15.1	10.9	13.0	55	..	1.8	..	2.1	0	0	19	11	1	1	1	0	0	0	5	12	0
KRISHNANAGAR	0830	15	1017.4	1015.7	+0.1	18.2	14.6	11.7	13.7	66	-10	1.1	-0.1	0.2	0	0	2	01	1	0	0	0	0	0	0	29	0
	1730	15	1014.8	1013.1	+1.1	21.2	17.3	14.6	16.6	65	+ 2	0.8	-0.5	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
PURULIA	0830	255	1018.3	988.6	-0.3	16.3	12.2	8.3	10.9	59	+ 0	2.2	+1.4	2.9	0	0	26	01	0	0	0	0	2	6	17	5	0
	1730	255	1013.9	984.8	-0.5	21.7	15.7	10.9	13.0	51	+ 1	2.4	+1.3	1.3	0	0	14	05	5	0	0	0	0	0	4	17	0
BANKURA	0830	100	1018.1	1005.7	..	16.1	12.2	8.5	11.1	61	..	1.1	..	0.7	0	0	11	03	0	0	0	0	0	2	6	20	0
	1730	100	1013.3	1001.9	..	22.0	15.6	10.3	12.5	49	..	0.6	..	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
BURDWAN	0830	32	1017.9	1014.1	+0.4	18.9	14.7	11.2	13.3	61	- 9	1.0	-0.1	3.2	0	0	31	10	2	0	0	0	0	6	13	0	0
	1730	32	1013.4	1009.5	-0.4	23.9	17.3	12.4	14.4	50	- 8	1.1	+0.0	1.7	0	0	20	07	1	0	0	1	1	3	7	11	0
CALCUTTA (DUM DUM)	0230	6	1014.1	1013.4	..	14.0	13.3	12.7	14.7	92	..	0.4	..	1.8	0	0	8	04	2	0	0	0	0	0	2	23	0
	0530	6	1014.8	1014.1	..	13.1	12.5	12.0	14.0	93	..	1.0	..	2.1	0	0	10	08	1	0	0	0	0	0	1	21	0
	0830	6	1017.1	1016.4	+0.1	17.7	14.8	12.5	14.5	72	- 3	1.9	+0.6	6.6	0	0	28	18	3	0	0	0	0	1	6	3	0
	1130	6	1015.4	1014.7	..	23.3	17.0	12.3	14.3	50	..	2.0	..	10.7	0	0	31	17	8	0	0	0	0	0	6	0	0
	1430	6	1012.9	1012.2	..	24.9	17.6	12.2	14.2	45	..	1.9	..	4.5	0	0	29	14	4	0	0	0	0	2	9	2	0
	1730	6	1013.3	1012.6	-0.3	21.3	17.2	14.3	16.3	64	+ 1	1.9	+0.4	1.4	0	0	7	04	2	0	0	0	0	0	1	24	0
	2030	6	1014.8	1014.1	..	16.7	15.5	14.6	16.6	88	..	0.8	..	0.5	0	0	3	02	1	0	0	0	0	0	0	28	0
	2330	6	1014.5	1013.8	..	14.8	14.1	13.5	15.5	92	..	0.4	..	0.6	0	0	3	02	1	0	0	0	0	0	0	28	0
CALCUTTA	0830	6	1017.3	1016.5	+0.1	19.2	15.1	11.8	13.8	62	-14	2.0	+0.7	4.1	0	0	25	12	2	0	0	0	0	0	11	6	0
	1130	6	1015.2	1014.5	..	24.5	17.0	11.2	13.3	43	..	2.1	..	7.7	0	0	30	12	3	0	0	0	0	0	15	1	0
	1730	6	1013.4	1012.7	-0.2	21.2	16.3	12.6	14.6	51	-12	2.1	+0.6	1.5	0	0	16	07	0	0	0	0	0	0	9	15	0
MIDNAPORE	0830	45	1017.6	1012.2	+0.1	18.2	13.7	9.8	12.1	57	- 6	1.4	+0.2	3.5	0	0	29	21	7	0	0	0	0	0	1	2	0
	1730	45	1013.3	1008.0	-0.2	22.9	16.2	10.9	13.0	48	- 2	1.6	+0.3	2.1	0	0	19	14	3	2	0	0	0	0	0	12	0
CONTAI	0830	11	1017.1	1015.8	+0.1	18.2	14.9	12.3	14.3	69	- 2	1.8	+1.0	4.4	0	0	29	22	4	0	0	0	0	0	3	2	0
	1730	11	1013.7	1012.4	+0.1	20.2	16.3	13.4	15.4	64	+ 0	1.6	+0.7	0.3	0	0	3	01	0	0	1	0	0	0	1	28	0
SAGAR ISLAND	0830	3	1016.5	1016.1	-0.2	19.4	16.7	14.9	16.9	75	+ 3	2.0	+0.3	11.9	0	0	30	14	7	1	0	0	0	0	8	1	0
	1730	3	1013.0	1012.7	-0.2	21.5	17.6	14.9	16.9	66	+ 1	2.6	+0.2	8.8	0	0	31	15	2	0	0	0	1	0	13	0	0
SANDHEADS	0530	10	1014.2	1013.1	..	22.1	17.6	14.5	16.5	63	..	1.4	..	15.6	0	9	22	18	13	0	0	0	0	0	0	0	0
	0830	10	1016.5	1015.4	-0.2	23.7	18.3	14.7	16.7	58	- 4	1.3	-0.4	17.2	0	10	21	17	14	0	0	0	0	0	0	0	0
	1130	10	1015.6	1014.5	..	24.3	18.3	14.1	16.1	53	..	1.8	..	15.9	0	9	22	15	16	0	0	0	0	0	0	0	0
	1730	10	1013.3	1012.2	-0.5	23.5	17.8	13.8	15.9	55	- 6	2.2	+0.7	13.5	0	6	25	18	12	0	0	0	0	0	1	0	0
	2330	10	1014.6	1013.6	..	23.1	17.5	13.5	15.5	54	..	0.0	..	12.3	0	4	25	18	11	0	0	0	0	0	0	2	0
ORISSA																											
BARIPADA	0830	54	1018.6	1012.1	+0.0	16.7	13.4	10.5	12.7	67	+ 3	2.2	+1.2	0.7	0	0	10	05	5	0	0	0	0	0	0	21	0
	1730	54	1014.8	1008.5	+0.2	21.1	15.7	11.4	13.5	54	- 4	2.8	+1.9	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
JHARSUGUDA	0230	230	1015.1	987.9	..	13.3	11.7	10.2	12.4	81	..	1.3	..	2.9	0	0	17	03	11	2	1	0	0	0	0	14	0
	0530	230	1015.7	988.4	..	12.0	10.6	9.2	11.6	83	..	1.6	..	3.3	0	0	22	06	15	1	0	0	0	0	0	9	0
	0830	230	1017.9	990.9	-0.1	16.5	12.6	9.0	11.5	62	- 5	2.4	+1.1	8.1	0	0	31	08	22	1	0	0	0	0	0	0	0
	1130	230	1015.9	989.7	..	24.0	15.6	8.3	10.9	37	..	2.1	..	6.7	0	0	30	07	11	6	4	1	0	0	1	1	0
	1430	230	1012.7	986.8	..	26.5	16.1	6.8	9.9	29	..	2.6	..	6.6	0	0	29	09	7	5	1	2	0	2	3	2	0
	1730	230	1013.2	987.0	-0.4	23.4	15.7	9.2	11.6	40	- 7	2.4	+0.7	2.4	0	0	16	04	2	2	2	1	2	2	1	15	0
	2030	230	1015.2	988.5	..	18.8	13.9	9.3	11.7	55	..	1.9	..	3.0	0	0	21	02	2	6	2	3	2	3	1	10	0
	2330	230	1015.5	988.5	..	15.6	12.8	10.3	12.5	71	..	1.5	..	2.5	0	0	18	04	9	4	1	0	0	0	0	13	0
KEONJHARGARH	0830	463	1016.6	963.0	-2.2	16.8	13.0	9.5	11.9	64	+ 2	0.3	-1.0	0.5	0	0	2	00	0	0	0	1	0	1	0	29	0
	1730	463	1012.8	960.9	-1.0	22.4	16.5	10.9	13.0	54	+ 3	1.0	-1.4	1.0	0	0	15	05	0	2	0	2	0	5	1	16	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lat. in gram. of nearest standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point				Mean amount	Departure from normal		Wind Speed (Km. p.h.)			Wind direction									
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
ORISSA (CONTD.)																											
BALASORE	0830	20	1017.3	1015.0	+0.0	18.2	14.3	11.0	13.1	63	- 4	2.5	+0.6	6.1	0	0	31	26	2	0	0	0	0	3	0	0	
	1730	20	1013.6	1011.3	-0.1	20.6	16.7	13.9	15.9	65	+ 2	2.6	+0.4	0.3	0	0	2	00	0	1	0	1	0	0	0	29	0
SAMBALPUR	0830	148	1017.0	999.7	-0.7	19.0	15.2	12.2	14.2	65	-10	1.3	-0.2	1.3	0	0	14	02	4	4	3	0	0	0	1	17	0
	1730	148	1013.0	996.1	-0.5	22.7	15.8	12.2	14.2	53	+ 4	1.6	-0.3	0.4	0	0	4	02	1	0	0	0	0	1	1	27	0
ANGUL	0830	139	1017.8	1001.5	+0.1	18.3	15.3	13.0	15.0	72	- 3	3.1	+1.3	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	139	1013.1	997.3	-0.4	24.3	18.6	14.8	16.8	56	+ 9	3.2	+1.1	..	.	..	..	..	..	..	..	..	..	..	..	..	..
CHANDBALI	0830	6	1017.1	1016.3	-0.1	19.9	16.1	13.3	15.3	67	- 9	1.5	+0.0	6.1	0	0	30	15	2	2	0	1	0	0	10	1	0
	1730	6	1013.7	1013.0	-0.1	22.8	17.5	13.7	15.7	56	- 8	2.3	+0.5	2.3	0	0	27	09	4	5	1	0	0	7	1	4	0
BOLANGIR	0830	190	1017.5	995.2	-0.4	18.1	14.4	11.3	13.4	65	+ 0	2.7	+0.4	2.5	0	0	17	04	3	1	2	2	0	0	2	14	0
	1730	190	1013.1	991.4	-0.9	23.9	16.7	11.1	13.2	45	- 4	2.5	+0.0	0.9	0	0	13	03	2	2	2	1	0	1	2	18	0
PHULBANI	0830	464	1017.8	964.6	..	16.2	13.5	11.4	13.5	74	..	0.0	..	0.1	0	0	2	00	0	0	0	0	0	2	0	29	0
	1730	464	1013.3	961.1	..	21.7	15.9	11.8	13.8	53	..	0.0	..	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
CUTTACK	0830	27	1017.8	1014.6	+0.4	18.3	18.9	14.2	16.2	77	+ 0	2.0	+0.3	1.3	0	0	13	05	2	1	0	0	0	5	0	18	0
	1730	27	1013.9	1010.9	+0.5	26.1	19.9	15.8	17.9	53	+ 1	1.4	-0.4	0.5	0	0	5	00	0	3	0	1	0	1	0	25	0
TITLAGARH	0830	211	1017.2	992.6	-0.5	19.0	15.6	13.0	15.0	69	- 3	4.1	+2.9	2.0	0	0	31	00	7	0	15	0	0	0	3	0	0
	1730	211	1012.6	988.7	-0.7	25.1	18.6	14.1	16.1	51	+ 4	4.1	+2.9	0.2	0	0	31	00	31	0	0	0	0	0	0	0	0
BHUBANESWAR	0230	46	1014.3	1008.9	..	16.5	15.0	13.8	15.8	85	..	0.8	..	4.0	0	0	14	08	3	1	0	0	0	0	2	17	0
	0530	46	1014.8	1009.4	..	15.5	14.1	13.0	15.0	85	..	1.8	..	6.2	0	1	19	10	3	1	0	0	0	0	6	11	0
	0830	46	1017.3	1011.9	-0.1	19.9	16.2	13.5	15.5	66	- 2	2.6	+0.9	8.4	0	1	23	12	4	3	0	0	0	0	5	7	0
	1130	46	1015.7	1010.4	..	24.9	17.2	11.3	13.4	42	..	2.4	..	15.7	0	11	19	09	11	0	5	0	0	0	4	1	0
	1430	46	1012.9	1007.7	..	26.6	17.4	10.2	12.4	36	..	3.0	..	11.2	0	5	23	07	12	2	2	2	0	0	3	3	0
	1730	46	1013.4	1008.2	-0.5	23.6	17.4	12.9	14.9	51	- 1	2.8	+0.7	4.6	0	0	18	02	8	2	1	3	0	0	2	13	0
	2030	46	1015.3	1009.9	..	20.0	16.3	13.6	15.6	67	..	1.1	..	4.8	0	0	18	00	7	2	4	4	0	0	1	13	0
	2330	46	1015.0	1009.7	..	17.7	15.4	13.6	15.6	77	..	0.7	..	2.6	0	0	11	02	5	3	0	1	0	0	0	20	0
PURI	0830	6	1018.1	1017.4	+1.1	22.1	19.3	17.5	19.9	78	+ 8	3.1	+1.4	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	6	1014.0	1013.4	+0.4	21.9	19.3	17.6	20.1	81	+19	3.1	+0.6	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GOPALPUR	0530	17	1014.4	1012.4	..	17.1	15.6	14.5	16.5	84	..	1.8	..	9.6	0	0	30	23	0	0	0	0	0	0	7	1	0
	0830	17	1017.0	1015.0	+0.0	19.7	16.9	14.9	16.9	74	+ 1	3.4	+1.3	11.4	0	0	31	24	1	0	0	0	0	0	6	0	0
	1130	17	1015.8	1013.8	..	25.9	19.1	14.5	16.5	50	..	3.1	..	11.2	0	1	30	12	7	8	3	0	0	0	1	0	0
	1730	17	1013.6	1011.4	-0.3	24.2	19.4	16.4	18.6	62	- 3	3.2	+0.9	12.7	0	1	30	01	2	22	6	0	0	0	0	0	0
	2330	17	1014.8	1012.8	..	19.6	17.3	15.7	17.8	78	..	1.3	..	6.8	0	0	28	18	0	0	0	0	0	4	6	3	0
KORAPUT	0830	913	1540.3	915.0	-0.1	17.6	15.8	14.6	16.6	83	+11	1.8	+0.6	5.7	0	0	31	00	3	2	9	10	7	0	0	0	0
	1730	913	1517.3	911.8	-0.5	21.4	17.4	14.9	16.9	67	+17	2.3	+0.6	9.6	0	0	31	09	0	1	0	0	3	2	16	0	0
BIHAR PLATEAU																											
DUMKA	0830	149	1017.8	1000.3	+0.1	16.3	12.7	9.4	11.8	64	- 1	1.1	+0.2	4.1	0	0	25	05	2	0	0	0	1	14	3	6	0
	1730	149	1013.8	996.6	+0.1	20.9	15.7	11.5	13.6	55	+ 2	1.1	+0.1	1.7	0	0	12	03	1	0	0	0	0	2	6	19	0
DALTONGANJ	0830	221	1018.1	992.2	-0.3	16.8	12.1	7.5	10.4	56	-20	2.1	+0.4	2.6	0	0	20	00	0	0	1	0	16	0	3	11	0
	1730	221	1014.0	988.6	-0.1	21.7	14.7	8.5	11.1	43	-10	1.7	+0.2	2.1	0	0	16	01	1	0	0	0	2	1	11	15	0
HAZARIBAGH	0830	611	1018.0	947.6	-0.2	14.0	10.0	6.1	9.4	59	- 2	1.9	+0.7	3.4	0	0	22	02	0	3	3	0	0	1	13	4	0
	1730	611	1014.0	944.8	-0.3	18.1	11.3	4.5	8.4	41	-11	2.6	+1.1	4.3	0	0	26	07	1	0	1	1	0	1	15	5	0
DHANBAD	0830	257	1017.4	987.5	-0.2	18.3	12.8	7.7	10.5	50	- 6	1.0	-0.1	1.7	0	0	16	00	1	0	1	0	3	5	6	15	0
	1730	257	1013.3	983.9	..	21.7	14.6	8.2	10.9	42	..	1.6	..	2.1	0	0	20	00	4	0	0	0	0	0	16	11	0
RANCHI AERODROME	0530	652	(R)																								
	0830	652	(R)																								
	1130	652	(R)																								
	1430	652	(R)																								
	1730	652	(R)																								
	2030	652	(R)																								
JAMSHEDPUR	0830	129	1018.8	1002.7	-0.1	14.4	12.0	9.8	12.1	74	- 1	5.3	+4.0	1.3	0	0	13	02	1	0	0	0	0	3	7	18	0
	1730	129	1013.6	998.7	-0.4	21.8	16.2	11.9	13.9	55	+ 0	1.8	+0.7	0.8	0	0	7	01	0	0	1	0	0	3	2	24	0
JAMSHEDPUR P.B.O.	0530	142	1015.8	998.8	..	11.4	9.9	8.3	10.9	83	..	1.7	..	1.1	0	0	6	02	0	0	0	1	0	0	3	25	0
	0830	142	1018.0	1001.1	-0.3	14.8	11.9	9.1	11.5	70	- 2	2.2	+1.0	2.6	0	0	13	01	0	0	0	0	3	0	9	18	0
	1130	142	1015.2	999.8	..	22.3	14.7	7.9	10.7	39	..	1.9	..	3.8	0	0	17	00	1	0	0	0	1	2	13	14	0
	1430	142	1012.9	996.8	..	25.0	15.4	6.6	9.7	31	..	2.0	..	7.7	0	0	26	15	0	1	0	0	0	3	7	5	0
	1730	142	1013.2	996.9	-0.6	22.1	15.1	9.1	11.5	44	- 4	2.2	+0.7	1.1	0	0	4	02	0	0	0	0	0	0	2	27	0
	2030	142	1015.2	998.5	..	16.2	13.3	10.9	13.0	71	..	0.9	..	0.5	0	0	2	00	0	0	0	0	0	0	2	29	0
	2330	142	1015.5	998.7	..	14.0	11.8	9.8	12.1	75	..	0.9	..	0.9	0	0	5	00	0	1	0	0	0	0	4	26	0
CHAIBASA	0830	226	1017.9	991.5	+0.1	17.9	13.0	8.4	11.0	55	-17	2.5	+0.8	0.3	0	0	4	00	0	0	0	0	2	0	2	27	0
	1730	226	1013.2	987.3	-0.2	22.1	15.3	9.5	11.9	46	- 7	3.1	+0.9	0.1	0	0	2	00	2	0	0	0	0	0	0	29	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gen. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
BIHAR PLAINS																											
MOTIHARI	0830	66	(R)																								
	1730	66	(R)																								
FORBESGANJ	0830	61	1017.5	1010.3	-0.2	15.5	14.0	12.8	14.8	84	+ 0	0.8	-0.6	1.9	0	0	23	07	1	7	0	0	0	8	0	8	0
	1730	61	1013.2	1006.2	-0.4	19.7	16.6	14.4	16.4	71	+ 3	0.7	-0.6	1.1	0	0	13	00	0	0	0	0	0	13	0	18	0
DARBHANGA	0830	49	1018.3	1012.4	+0.5	15.4	13.2	11.3	13.4	78	- 7	0.7	-0.3	0.4	0	0	5	01	0	0	0	0	2	2	0	26	0
	1730	49	1015.0	1009.2	+0.9	20.5	16.5	13.5	15.5	66	+ 0	0.8	-0.2	0.1	0	0	1	00	0	0	0	0	1	0	0	30	0
MUZAFFARPUR	0830		..	..	..	15.2	13.1	11.4	13.5	78	..	0.9	..	1.5	0	0	17	01	0	0	0	1	2	11	0	14	2
	1730		..	..	..	18.7	15.6	13.3	15.3	71	..	0.8	..	0.2	0	0	3	00	0	0	0	0	0	3	0	28	0
CHAPRA	0830	58	1018.2	1011.4	..	14.1	11.7	9.5	11.9	74	..	0.9	..	1.9	0	0	27	00	1	0	2	0	23	1	0	4	0
	1730	58	1014.1	1007.4	..	20.7	15.3	10.9	13.0	53	..	0.9	..	1.1	0	0	17	00	2	0	0	0	8	3	4	14	0
PURNEA	0830	38	1017.6	1013.1	-0.1	15.9	13.7	11.9	13.9	77	- 5	0.7	-0.2	1.3	0	0	20	01	2	0	0	2	3	9	3	11	0
	1730	38	1013.7	1009.3	-0.1	19.6	16.4	14.1	16.1	70	- 1	1.0	+0.2	0.3	0	0	4	00	1	0	0	0	1	2	0	27	0
PATNA	0830	53	1017.8	1011.5	-0.1	13.9	11.9	10.1	12.3	77	+10	1.2	+0.1	4.3	0	0	27	00	1	0	0	1	18	5	2	4	0
	1730	53	1014.2	1008.1	-0.1	19.7	14.9	10.9	13.0	57	+ 4	1.2	+0.1	3.3	0	0	24	01	1	1	0	0	1	20	0	7	0
PATNA AERODROME	0330	60	1014.8	1007.7	..	10.8	9.6	8.4	11.1	85	..	1.3	..	0.8	0	0	4	00	1	0	0	0	0	2	1	27	0
	0530	60	1014.9	1007.7	..	9.7	8.7	7.7	10.5	88	..	1.3	..	1.2	0	0	6	00	1	1	0	0	2	2	0	25	0
	0830	60	1017.4	1010.3	-0.4	14.4	11.7	9.1	11.5	71	- 3	1.7	+0.4	4.2	0	0	21	01	0	0	0	1	10	8	1	10	0
	1130	60	1016.3	1009.4	..	21.3	14.8	9.6	11.9	46	..	2.0	..	6.6	0	0	28	01	0	1	2	1	4	9	10	3	0
	1430	60	1013.5	1006.7	..	23.6	15.2	7.7	10.6	36	..	1.7	..	7.4	0	0	29	02	2	0	1	0	2	12	10	2	0
	1730	60	1013.6	1006.7	-0.6	19.5	14.6	10.5	12.7	55	- 3	1.7	+0.4	1.2	0	0	8	00	1	0	1	0	0	3	3	23	0
	2030	60	1015.1	1008.1	..	14.2	12.0	10.0	12.3	75	..	1.5	..	0.5	0	0	3	00	0	0	0	0	1	2	0	28	0
	2330	60	1015.2	1008.2	..	12.1	10.5	9.1	11.5	80	..	1.5	..	0.9	0	0	3	00	1	1	0	0	0	1	0	28	0
BHAGALPUR	0530	49	1015.5	1009.7	..	12.5	11.0	9.6	11.9	82	..	1.8	..	2.6	0	0	26	00	0	0	2	13	9	2	0	5	0
	0830	49	1017.9	1012.0	-0.4	15.2	12.5	10.1	12.4	72	- 4	2.0	+1.0	3.0	0	0	27	00	0	0	2	5	12	3	3	4	2
	1130	49	1016.4	1010.7	..	20.5	15.5	11.5	13.6	57	..	1.7	..	5.0	0	0	31	00	2	1	1	1	8	11	6	0	1
	1730	49	1013.9	1008.2	-0.6	19.3	15.5	12.6	14.6	65	+ 2	2.4	+1.4	4.1	0	1	30	00	1	0	1	0	3	18	8	0	0
	2330	49	1015.6	1009.8	..	15.5	12.9	10.6	12.8	73	..	1.6	..	3.5	0	0	27	01	0	0	0	10	13	3	0	4	0
SABAUR	0830	37	1017.9	1013.4	+0.1	14.8	12.6	10.6	12.8	76	- 3	1.5	+0.4	1.7	0	0	20	00	0	0	1	1	10	7	1	11	0
	1730	37	1013.8	1009.5	+0.0	19.5	16.7	14.7	16.7	73	+ 2	1.9	+0.6	1.5	0	0	14	00	0	0	0	1	0	2	11	17	0
JAMUI	0830	82	1019.1	1009.3	+1.0	14.5	12.4	10.5	12.7	77	- 2	0.8	-0.2	2.8	0	0	29	04	0	6	1	1	0	12	5	2	0
	1730	82	1015.6	1006.0	+1.1	20.7	16.4	13.2	15.2	62	+ 0	1.0	+0.0	2.8	0	0	31	01	0	0	0	1	0	25	4	0	0
DEHRI	0830	107	1017.7	1004.9	-0.6	15.0	12.3	9.8	12.1	71	+ 0	1.7	+0.8	2.1	0	0	31	00	0	2	4	5	17	3	0	0	0
	1730	107	1013.4	1000.9	-0.9	21.9	15.1	9.3	11.7	45	- 5	1.9	+0.6	2.2	0	0	30	02	5	0	3	0	0	15	5	1	0
GAYA	0230	116	1016.0	1002.1	..	10.6	9.3	7.9	10.7	84	..	0.9	..	1.9	0	0	17	00	2	1	9	4	0	1	0	14	0
	0530	116	1016.3	1002.3	..	9.2	8.4	7.5	10.4	89	..	1.0	..	2.6	0	0	24	00	0	3	12	9	0	0	0	7	0
	0830	116	1018.4	1004.6	+0.3	14.6	11.9	9.3	11.7	72	+ 4	2.0	+0.9	4.5	0	1	20	00	1	1	4	11	3	1	0	10	0
	1130	116	1017.1	1003.7	..	22.0	15.4	9.9	12.2	46	..	1.9	..	9.6	0	1	28	02	1	1	2	0	2	14	7	2	0
	1430	116	1014.3	1001.3	..	24.0	16.2	9.8	12.1	41	..	1.9	..	12.5	0	4	24	03	1	0	0	0	1	15	8	3	0
	1730	116	1014.5	1001.0	+0.5	20.3	14.8	10.1	12.3	52	+ 7	2.0	+0.7	5.6	0	1	26	02	0	1	0	0	0	14	10	4	0
	2030	116	1016.0	1002.2	..	15.2	12.3	9.6	11.9	69	..	1.3	..	2.2	0	0	12	00	3	1	1	1	1	3	2	19	0
	2330	116	1016.4	1002.5	..	12.2	10.2	8.2	10.9	78	..	1.0	..	1.6	0	0	13	00	0	1	6	5	1	0	0	18	0
UTTAR PRADESH EAST																											
KHERI	0830	147	1016.9	999.3	-1.2	13.4	11.3	9.4	11.8	78	- 3	0.7	-0.4	11.8	0	0	22	00	0	6	0	0	0	16	0	9	0
	1730	147	1013.4	996.3	-1.4	20.1	15.1	10.9	13.0	55	- 8	0.6	-0.9	2.5	0	0	23	00	0	6	0	0	0	17	0	8	0
BAHRAICH	0830	124	1017.7	1002.8	+0.2	13.2	11.2	9.1	11.5	77	- 2	1.0	-0.3	2.1	0	0	20	00	0	1	3	0	2	13	1	11	0
	1730	124	1013.6	999.3	-0.6	19.8	15.8	12.4	14.4	65	+ 9	1.7	+0.2	1.6	0	0	16	00	1	1	1	0	1	7	5	15	0
NAUTANWA	0830	99	1016.9	1005.1	-0.6	13.3	12.3	11.4	13.5	88	- 1	0.8	-0.2	1.6	0	0	22	02	2	5	4	3	4	2	0	9	0
	1730	99	1013.7	1002.2	-0.7	20.2	16.5	13.7	15.7	66	+ 0	0.5	-0.6	3.2	0	0	8	00	0	0	2	0	4	1	1	23	0
HARDOI	0830	142	1017.9	1000.9	+0.1	13.9	11.4	8.8	11.3	71	-13	0.2	-1.9	1.1	0	0	15	04	0	1	0	0	1	9	0	16	0
	1730	142	1014.5	997.8	-0.2	19.2	14.9	11.2	13.3	61	+ 3	0.1	-1.5	0.5	0	0	8	00	0	0	1	0	1	5	1	23	0
GONDA	0830	110	1018.5	1005.0	+0.1	14.4	11.3	8.8	11.3	67	-17	0.7	-0.5	2.0	0	0	20	01	0	4	0	1	0	3	11	11	0
	1730	110	1014.0	1001.9	-0.1	19.5	15.3	11.3	13.4	59	- 4	0.7	-0.7	0.6	0	0	6	00	0	1	0	0	0	2	3	0	0
LUCKNOW	0830	111	1013.7	1003.6	-1.1	11.7	10.3	8.8	11.3	63	-18	0.5	-0.5	0.0	0	0	0	..	..	..	..	..	..	..	..	..	..
	1730	111	1012.8	1000.0	-1.6	21.6	17.6	14.5	16.5	67	+ 9	0.8	-0.5	0.0	0	0	0	..	..	..	..	..	..	..	..	..	..
LUCKNOW (AMOUSI)	0230	128	1015.5	1000.2	..	9.2	7.9	6.5	9.7	83	..	0.2	..	5.8	0	0	26	00	0	4	1	0	2	11	8	5	0
	0530	128	1015.4	999.9	..	7.8	6.9	5.8	9.2	87	..	0.2	..	6.0	0	0	29	02	1	1	0	0	2	13	0	2	0
	0830	128	1017.5	1002.2	-0.7	11.8	9.5	7.0	10.0	73	- 8	0.9	-0.9	6.6	0	1	24	02	0	0	1	0	2	10	10	6	0
	1130	128	1016.8	1001.9	..	21.0	13.8	6.7	9.8	40	..	0.8	..	4.5	0	2	28	05	1	3	2	0	2	5	12	1	0
	1430	128	1014.0	999.3	..	23.4	14.4	5.3	8.9	32	..	1.1	..	12.7	0	3	28	07	2	1	0	0	0	5	16	0	0
	1730	128	1014.1	999.2	-0.9	19.3	13.9	8.8	11.3	51	-10	0.9	-1.0	6.1	0	0	30	03	1	4	0	0	2	12	8	1	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mb. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mb.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
UTTAR PRADESH EAST (CONTD.)																											
LUCKNOW (AMAUSI)	2330	125	1015.8	1000.6	..	12.8	10.5	8.1	10.8	72	..	0.5	..	5.8	0	0	28	01	2	4	1	0	5	13	2	3	0
	2330	128	1015.9	1000.6	..	10.8	9.0	7.0	10.1	78	..	0.4	..	5.8	0	0	26	01	2	2	0	0	5	12	4	5	0
FAIZABAD	0830	102	1017.6	1005.5	-0.2	12.6	10.8	8.9	11.4	79	- 2	1.3	-0.3	1.0	0	0	12	01	0	1	1	0	0	9	0	19	0
	1730	102	1014.3	1002.4	-0.4	17.9	14.0	10.7	12.9	64	- 4	1.2	-0.7	0.3	0	0	3	00	0	1	0	0	0	2	0	28	0
GORAKHPUR	0830	77	1017.6	1008.4	+0.2	14.3	11.9	9.5	11.9	73	- 4	0.8	-0.2	1.7	0	0	25	01	0	3	0	1	7	13	0	6	0
	1730	77	1014.2	1005.2	+0.1	20.7	16.0	12.2	14.2	59	- 2	0.8	-0.4	1.0	0	0	16	00	1	1	1	0	7	6	0	15	0
GORKHPUR P.B.O.	0230	76	1014.7	1005.4	..	13.5	11.8	10.4	12.6	79	..	0.6	..	8.0	0	0	6	00	0	0	0	0	3	2	1	25	0
	0530	76	1014.9	1005.2	..	12.9	11.0	9.5	11.9	80	..	0.6	..	1.9	0	0	11	01	2	0	0	0	2	5	1	20	0
	1140	78	1016.4	1007.2	..	19.6	14.7	11.1	13.1	58	..	1.0	..	4.6	0	0	30	02	1	1	7	4	5	5	5	1	0
	1430	78	1013.8	1004.8	..	20.9	15.1	10.5	12.7	50	..	1.1	..	5.4	0	0	31	00	1	0	4	4	10	7	5	0	0
	2030	76	1015.2	1005.9	..	16.5	14.2	12.3	14.3	76	..	1.0	..	1.5	0	0	10	00	1	0	0	2	5	2	0	21	0
	2330	78	1015.2	1005.9	..	15.3	12.9	11.1	13.2	77	..	0.8	..	1.7	0	1	11	01	0	0	0	1	2	5	3	19	0
KANPUR	0830	126	1017.1	1002.0	-1.1	13.4	9.8	5.7	9.1	61	-17	0.7	-0.4	5.0	0	1	19	00	3	1	0	0	0	14	2	11	0
	1730	126	1013.3	998.7	-1.7	21.2	14.1	7.1	7.1	41	- 6	1.0	-0.4	2.7	0	0	12	00	0	1	0	0	0	10	1	19	0
KANPUR (AERODROME)	0530	126	1016.1	1000.9	..	8.7	7.3	5.3	8.9	80	..	0.5	..	5.4	0	0	19	00	1	2	1	0	1	8	6	12	0
	0830	126	1017.9	1002.9	..	12.4	9.6	6.3	9.5	67	..	1.0	..	7.0	0	0	22	00	2	0	1	0	4	11	4	9	0
	1130	126	1017.4	1002.8	..	21.9	14.0	6.5	9.7	37	..	1.0	..	11.0	0	1	28	03	3	4	2	0	1	7	9	2	0
	1730	126	1014.5	1000.0	..	20.8	13.7	6.4	9.6	39	..	0.6	..	6.4	0	0	23	02	1	1	1	0	0	4	14	8	0
	2330	126	1016.3	1001.4	..	11.7	9.2	6.3	9.5	70	..	0.3	..	4.1	0	0	16	00	0	1	1	0	0	7	●	15	0
SULTANPUR	0830	97	1017.6	1006.1	-0.6	13.9	11.3	8.6	11.2	71	+ 2	1.0	-0.6	0.9	0	0	9	00	0	2	0	0	0	7	0	22	0
	1730	97	1014.0	1002.8	+0.0	20.6	15.3	10.9	13.0	54	+ 4	1.2	-0.3	0.5	0	0	4	00	0	1	0	0	0	2	1	27	0
AZAMGARH	0830	78	1017.8	1008.6	+0.3	13.7	12.0	10.5	12.7	81	+ 0	1.0	+0.3	2.8	0	0	19	02	0	0	1	0	4	12	0	12	0
	1730	78	1014.1	1005.0	-0.3	20.2	17.2	15.2	17.3	72	+ 3	0.5	-0.1	0.0	0	0	3	00	0	1	0	0	0	2	0	28	0
FATEHPUR	0830	114	..	..	..	12.9	10.6	8.3	10.9	74	+ 2	0.4	-0.9	3.7	0	0	23	00	0	4	0	0	1	18	0	8	0
	1730	114	..	..	..	20.1	15.2	11.0	13.1	56	+ 2	0.1	-1.4	0.6	0	0	7	00	0	2	0	0	0	5	0	24	0
BALLIA	0830	64	1019.0	1011.5	+0.8	14.5	12.4	10.2	12.4	74	- 2	1.3	-0.1	1.4	0	0	20	00	3	5	0	0	0	12	0	11	0
	1730	64	1015.2	1007.7	+0.6	19.0	14.8	11.6	13.7	63	+ 5	1.2	-0.2	0.3	0	0	5	00	1	2	0	0	0	1	1	26	0
BANDA	0830	121	1019.9	1005.4	+1.1	14.7	10.6	6.2	9.5	57	-16	0.8	-0.3	0.3	0	0	4	00	3	0	0	0	0	1	0	27	0
	1730	121	1015.9	1001.9	+0.9	22.4	16.0	10.9	13.0	48	-10	0.6	-0.6	0.2	0	0	3	00	3	0	0	0	0	0	0	28	0
ALLAHABAD (BAMHRAULI)	0230	98	1015.7	1003.9	..	11.1	9.1	7.0	10.0	77	..	0.4	..	1.7	0	0	17	01	1	1	0	0	1	11	2	14	0
	0530	98	1015.9	1004.1	..	9.5	8.1	6.5	9.7	82	..	0.6	..	1.4	0	0	12	00	1	0	1	0	3	6	1	19	0
	0830	98	1017.9	1006.2	-0.2	13.1	10.1	6.8	9.9	66	-10	1.5	+0.0	3.2	0	0	19	00	0	0	2	1	1	12	3	12	0
	1130	98	1017.0	1005.7	..	22.4	14.1	5.8	9.2	35	..	1.0	..	6.5	0	0	31	01	3	3	2	1	0	6	15	0	0
	1430	98	1014.3	1003.1	..	25.0	15.1	5.5	9.0	29	..	1.2	..	7.9	0	0	31	07	2	2	0	0	1	3	16	0	0
	1730	98	1014.4	1003.1	-0.4	21.4	15.4	10.4	12.6	50	- 1	1.2	-0.2	0.6	0	0	4	00	0	2	0	0	0	0	2	27	0
	2030	98	1015.8	1004.2	..	15.2	11.7	8.3	10.9	64	..	0.5	..	1.4	0	0	8	00	0	4	0	0	0	1	3	23	0
	2330	98	1016.0	1004.3	..	12.7	10.2	7.7	10.5	72	..	0.6	..	1.1	0	0	10	00	0	1	0	1	2	5	1	21	0
VARANASI (BABATPUR)	0530	85	1016.1	1005.7	..	9.3	8.1	6.9	9.9	82	..	0.9	..	3.7	0	0	16	00	0	2	0	4	5	3	2	15	0
	0830	85	1018.2	1007.9	-0.8	13.5	10.6	7.2	10.1	65	- 6	1.0	-0.2	7.5	0	0	29	00	0	0	2	0	15	8	1	2	3
	1130	85	1017.3	1007.3	..	21.6	14.1	6.9	9.9	39	..	1.1	..	10.5	0	0	30	00	1	2	2	0	1	18	5	1	1
	1730	85	1014.6	1004.6	-1.0	19.9	14.0	8.7	12.4	49	- 7	1.0	-0.3	6.4	0	0	24	00	1	1	1	0	4	13	1	7	3
	2330	85	1016.1	1005.8	..	11.7	9.9	7.9	10.7	78	..	0.5	..	1.2	0	0	4	00	0	1	1	0	1	1	0	27	0
VARANASI	0830	76	1017.7	1008.5	-0.3	14.7	11.1	7.8	10.6	66	-10	1.1	-0.1	1.5	0	0	20	00	0	0	1	0	4	15	0	11	0
	1730	76	1014.0	1015.2	+9.5	22.6	15.7	9.8	12.1	47	- 4	0.7	-0.6	1.1	0	0	14	00	1	0	0	0	0	12	1	17	0
UTTAR PRADESH WEST																											
MUKHIM	0830		..	..	..	10.7	5.4	- 1.1	5.6	45	- 5	1.4	..	0.9	0	0	7	01	0	0	0	0	2	3	1	24	0
	1740		..	..	..	10.8	6.0	0.3	6.2	50	- 5	0.7	..	0.6	0	0	6	00	1	0	0	0	0	4	1	25	0
TEHRI	0830		..	..	..	5.3	4.2	2.9	7.5	84	- 8	3.0	+0.2	0.7	0	0	7	01	1	2	1	1	0	0	0	24	1
	1130		..	..	..	12.5	7.7	1.9	7.0	49	..	2.7	..	0.4	0	0	5	00	3	0	0	0	0	1	0	26	1
	1730		..	..	..	14.6	8.5	1.4	7.4	42	-12	3.1	+0.5	0.8	0	0	11	00	1	3	6	0	0	0	0	20	1
DEHRA DUN	0530	682	1017.2	937.5	..	8.7	6.8	4.6	6.5	76	..	1.5	..	0.6	0	0	6	03	3	0	0	0	0	0	0	25	0
	0830	682	1018.5	938.8	-0.3	9.0	7.1	4.9	8.7	76	+ 0	1.9	-0.3	0.5	0	0	6	04	1	0	1	0	0	0	0	25	0
	1130	682	1016.4	939.3	..	18.7	11.9	5.6	9.1	43	..	2.3	..	1.6	0	0	14	01	0	1	3	2	1	6	0	17	0
	1730	682	1014.2	937.0	-0.3	17.3	12.8	9.0	11.5	57	- 4	2.0	-0.9	0.5	0	0	6	01	0	1	0	1	2	1	0	25	0
	2330	682	1017.5	938.3	..	10.8	8.4	5.9	9.3	72	..	2.1	..	0.1	0	0	7	03	4	0	0	0	0	0	0	24	0
MANSIARI	0830		(R)																								
	1730		(R)																								
ROORKEE	0830	274	1018.3	985.6	+0.2	10.1	8.1	5.8	9.2	75	- 6	1.3	-0.9	0.7	0	0	11	00	0	0	1	0	0	0	10	20	0
	1730	274	1014.7	983.2	+0.2	20.0	13.3	6.8	9.9	44	- 7	1.1	-1.4	4.7	0	0	9	00	0	0	0	0	0	0	9	22	0
NAJIBABAD	0830	270	1018.3	985.9	-0.2	9.1	7.9	6.6	9.7	85	- 2	1.4	-0.4	1.7	0	0	21	02	2	3	2	0	0	8	4	10	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gms. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mb.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Uttar Pradesh WEST (CONTD.)																											
Najibabad	1730	270	1015.1	983.9	-0.8	19.2	13.8	9.0	11.5	52	- 6	1.3	-0.2	2.3	0	0	19	03	0	1	1	1	0	8	5	12	0
Meerut	0830	222	1018.8	992.3	-0.2	11.1	9.1	6.8	6.8	75	+ 2	0.0	-1.1	3.5	0	0	20	01	0	0	0	0	1	10	8	11	0
Bareilly	0830	173	1017.7	997.2	-0.1	12.8	10.5	8.1	10.8	74	- 5	0.7	-1.0	3.2	0	0	21	01	0	2	0	0	4	8	6	10	0
	1730	173	1013.7	993.6	-0.8	20.3	14.2	8.6	11.2	47	- 7	0.8	-1.1	1.6	0	0	17	02	0	2	0	0	2	10	1	14	0
Bareilly P.B.O.	0230		(R)																								
	0530	172	1015.6	995.0	..	12.2	9.4	6.7	9.8	69	..	1.3	..	3.8	0	0	25	03	0	3	0	0	0	10	9	6	0
	1130	172	1017.0	996.9	..	18.5	12.6	7.8	10.6	51	..	1.2	..	6.8	0	1	27	02	2	2	1	0	0	10	11	3	0
	1430	172	1014.1	994.2	..	21.6	12.9	5.3	8.9	36	..	1.0	..	8.1	0	0	30	03	0	0	3	0	0	8	16	1	0
	2030	172	1015.6	995.1	..	15.5	11.4	7.8	10.6	61	..	1.0	..	2.6	0	0	19	01	1	1	1	0	0	11	4	12	0
	2330	172	1015.8	995.4	..	13.5	10.2	7.1	10.1	66	..	1.3	..	3.9	0	0	22	01	1	2	1	0	0	10	7	9	0
ALIGARH	0830	187	1018.9	996.0	+0.3	11.5	8.6	5.1	8.8	65	- 4	0.9	-0.7	2.9	0	0	22	00	0	2	2	0	0	18	0	9	0
	1730	187	1015.3	993.0	-0.3	20.3	14.1	8.3	10.9	47	+ 1	1.4	-0.5	1.7	0	0	21	01	0	1	1	2	0	15	1	10	0
MAINPURI	0830	157	1017.7	998.9	-0.4	11.4	9.1	6.5	9.7	72	- 3	1.2	-0.3	2.0	0	0	18	00	0	1	0	0	0	14	3	13	0
	1730	157	1014.5	996.3	-0.3	20.0	14.1	9.0	11.5	49	- 3	0.9	-0.9	1.6	0	0	16	00	0	1	0	0	0	15	0	15	0
AGRA	0830	169	1018.5	981.3	-7.1	11.9	9.2	6.0	9.3	67	- 1	1.3	+0.0	1.1	0	0	13	00	0	0	0	0	7	0	6	18	0
	1730	169	1014.9	995.3	-0.4	20.8	15.4	10.9	13.0	53	+13	0.6	-0.9	1.4	0	0	11	00	2	0	0	0	1	0	8	20	0
AGRA AERODROME	0230	169	1016.7	996.4	..	10.2	8.3	5.8	9.2	75	..	0.5	..	0.5	0	0	3	00	0	0	1	1	0	0	1	28	0
	0530	169	1015.9	996.5	..	8.2	6.8	5.0	8.7	81	..	0.2	..	2.4	0	0	8	00	0	0	3	0	0	2	3	23	0
	0830	169	1018.5	998.4	..	12.1	9.1	5.5	9.0	65	..	0.8	..	4.2	0	0	14	00	1	0	2	1	0	4	6	17	0
	1130	169	1017.7	998.2	..	21.7	13.7	5.8	9.2	37	..	0.3	..	10.5	0	0	28	08	0	0	5	4	1	2	8	3	0
	1730	169	1014.9	995.4	..	20.5	13.6	6.7	9.8	41	..	0.9	..	5.2	0	0	20	00	5	1	2	2	1	0	9	9	0
	2330	169	1016.8	996.7	..	11.7	9.4	6.7	9.8	70	..	0.4	..	1.4	0	0	5	01	0	0	1	2	0	0	1	26	0
ORAI	0830	141	1019.9	1003.3	+0.8	18.9	13.1	7.5	10.4	48	-15	0.6	-0.7	3.4	0	0	29	04	18	0	0	0	0	0	7	2	0
	1730	141	1012.6	996.5	-2.7	22.6	15.1	8.4	11.0	41	- 7	0.0	-1.0	2.7	0	2	29	13	8	0	0	0	0	4	6	0	0
JHANSI	0830	251	1018.9	989.4	+0.4	15.0	10.8	6.2	9.5	56	- 5	0.3	-1.0	2.6	0	0	7	00	0	1	0	2	0	4	0	24	0
	1730	251	1014.9	986.1	+0.2	21.9	15.2	9.6	11.9	46	+ 7	0.4	-1.1	1.0	0	0	11	00	0	2	0	1	0	8	0	20	0
MORADABAD	0830	198	..	..	..	11.0	8.9	6.3	9.5	73	..	0.2	..	3.6	0	0	22	00	2	0	0	0	0	0	20	9	0
	1730	198	..	..	..	19.7	15.7	12.6	14.6	64	..	0.0	..	4.6	0	0	25	00	1	0	0	0	0	0	24	6	0
UTTAR KASHI	0830		..	..	..	5.3	4.1	2.4	7.3	82	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		(R)																								
HARYANA (INCLUDING DELHI AND CHANDIGARH)																											
CHANDIGARH	0830	347	1016.9	975.5	-0.4	12.2	9.1	5.6	9.1	66	- 1	1.5	+0.0	1.4	0	0	18	00	2	1	0	0	0	0	15	13	0
	1730	347	1014.0	973.6	-1.1	19.8	12.5	5.1	8.8	38	-12	2.3	+0.8	2.2	0	0	22	00	0	2	1	0	0	3	16	9	0
AMBALA	0830	272	1018.0	985.6	+0.3	11.2	8.8	6.1	9.4	72	- 6	0.7	-0.8	2.2	0	0	31	00	5	0	5	0	1	0	20	0	0
	1730	272	1014.5	983.1	-0.2	19.5	13.0	6.5	9.7	44	- 4	0.6	-1.4	2.1	0	0	29	00	0	0	2	0	1	0	26	2	0
AMBALA P.B.O.	0230	278	1016.5	983.5	..	12.0	10.1	8.5	11.1	80	..	1.3	..	4.2	0	0	18	00	0	1	3	0	0	0	14	13	0
	0530	278	1016.1	983.0	..	10.9	9.4	8.2	10.9	83	..	1.4	..	4.5	0	0	19	00	0	0	2	0	1	2	14	12	0
	1130	278	1017.4	985.2	..	18.3	14.3	11.7	13.7	66	..	1.7	..	7.2	0	0	25	02	0	0	4	0	1	2	16	6	0
	1430	278	1014.7	982.6	..	20.3	15.0	12.1	14.1	60	..	2.3	..	9.2	0	1	27	00	1	0	5	0	1	2	19	3	0
	2030	278	1015.9	983.2	..	15.4	12.8	10.1	12.3	72	..	1.1	..	4.5	0	0	18	00	0	0	2	1	1	1	13	13	0
	2330	278	1016.5	983.5	..	13.4	11.2	9.6	11.9	77	..	1.4	..	6.9	0	0	18	00	0	1	2	0	1	0	14	13	0
AMBALA AERODROME	0530	274	1016.3	983.3	..	7.8	6.8	5.8	9.2	87	..	1.5	..	7.5	0	0	19	00	0	0	3	0	0	9	5	12	7
	0830	274	1017.8	984.9	..	9.2	7.7	6.1	9.4	82	..	2.4	..	7.5	0	0	19	01	1	0	2	0	0	5	9	12	1
	1130	274	1017.1	985.3	..	19.4	13.4	7.5	4.8	75	..	2.2	..	13.2	0	0	26	02	0	1	3	2	0	5	13	5	0
	1730	274	1014.4	982.6	..	18.3	13.3	8.5	11.1	54	..	2.7	..	10.5	0	0	25	01	0	1	2	0	1	12	8	6	0
	2330	274	1016.8	984.0	..	9.7	8.3	6.6	9.7	80	..	1.7	..	7.1	0	0	17	01	0	1	1	0	0	7	7	14	0
KARNAL	0830	249	1017.7	987.9	-0.4	10.7	8.4	5.6	9.1	71	- 8	0.5	-1.4	3.1	0	0	25	00	1	2	0	0	1	15	5	6	0
	1730	249	1014.3	985.6	-0.9	20.2	13.1	5.8	9.2	40	- 7	1.0	-1.1	3.4	0	0	24	01	0	1	0	1	2	15	4	7	0
HISSAR	0530	221	1017.2	990.5	..	8.4	7.1	5.1	8.8	83	..	0.3	..	2.4	0	0	18	03	1	2	2	0	2	2	6	13	0
	0830	221	1018.7	992.0	-0.2	9.0	7.4	5.4	9.0	79	+ 7	1.4	-0.2	4.1	0	0	24	01	0	4	3	1	3	12	0	7	0
	1130	221	1018.2	992.5	..	19.4	14.5	10.2	12.4	56	..	1.0	..	5.7	0	0	28	01	2	1	6	2	1	7	7	3	1
	1430	221	1015.3	990.0	..	23.4	16.2	10.4	12.6	46	..	1.3	..	7.0	0	0	27	01	3	2	3	0	2	7	7	4	2
	1730	221	1015.0	989.7	-0.2	21.6	15.7	11.2	13.3	53	+10	1.5	-0.3	4.1	0	0	23	04	1	2	1	0	1	5	9	8	0
	2330	221	1017.1	990.7	..	12.1	9.8	7.9	10.1	73	..	1.5	..	3.5	0	0	28	06	0	4	2	0	1	11	3	3	1
NEW DELHI/SAFDARJUNG	0230	216	1016.8	990.9	..	10.8	8.1	4.8	8.6	67	..	1.0	..	4.3	0	0	20	01	2	0	1	0	0	8	8	11	0
	0530	216	1016.7	990.7	..	9.4	7.3	4.3	8.3	72	..	0.9	..	4.3	0	0	21	00	0	2	1	0	0	13	5	10	0
	0830	216	1018.4	992.5	+0.2	10.5	7.7	3.9	8.0	66	+ 3	1.2	-0.9	5.7	0	0	24	00	1	3	0	0	4	14	2	7	0
	1130	216	1017.8	992.6	..	19.5	12.4	4.8	8.6	39	..	1.0	..	10.0	0	0	23	01	2	6	2	1	1	4	13	1	1
	1430	216	1014.8	990.0	..	22.8	13.5	3.1	7.6	29	..	1.2	..	13.0	0	1	30	00	1	3	5	0	2	4	16	0	0
	1730	216	1014.6	989.6	-0.2	20.9	13.0	4.7	8.5	35	- 3	1.5	-0.8	8.9	0	0	27	01	3	1	1	0	0	5	16	4	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. p. h.	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HARYANA (INCLUDING DELHI AND CHANDIGARH) (CONTD.)																											
NEW DELHI/SAFDARJUNG	2030	216	1016.5	990.8	..	14.6	10.6	6.3	9.5	58	..	1.3	..	3.8	0	0	19	00	0	0	3	0	1	8	7	12	0
	2330	216	1016.8	991.1	..	12.5	9.3	5.6	9.1	64	..	1.2	..	3.8	0	0	19	00	0	0	3	0	1	6	9	12	0
PALAM AERODROME	0230	233	1017.1	989.1	..	10.4	7.6	4.2	8.3	67	..	1.1	..	6.4	0	0	25	00	1	2	1	3	7	9	2	6	0
	0530	233	1016.9	988.8	..	8.3	6.4	3.7	8.0	74	..	0.7	..	6.6	0	0	24	00	0	2	5	0	8	7	2	7	0
	0830	233	1018.6	990.7	..	10.4	7.6	4.0	8.1	66	..	0.8	..	7.4	0	0	25	00	0	3	3	0	8	9	2	6	0
	1130	233	1017.8	990.8	..	19.7	12.6	5.1	8.8	39	..	0.9	..	12.1	0	0	30	04	0	3	4	3	2	1	13	1	0
	1430	233	1014.9	988.3	..	22.8	13.8	4.3	8.3	31	..	1.1	..	15.1	0	0	31	05	1	3	3	2	1	2	14	0	0
	1730	233	1014.9	988.0	..	19.6	12.6	5.2	8.8	40	..	1.4	..	7.9	0	0	26	07	1	1	3	0	0	0	14	5	0
	2030	233	1016.5	989.0	..	14.6	10.2	5.3	8.9	54	..	1.1	..	5.6	0	0	23	02	3	2	5	0	0	7	4	8	0
	2330	233	1016.9	989.2	..	12.4	9.0	5.0	8.7	61	..	1.3	..	6.5	0	0	24	02	0	3	4	2	2	4	7	7	0
GURGAON	0830		..	..	..	13.1	9.0	4.0	8.1	54	..	0.7	..	1.5	0	0	16	00	0	1	0	0	2	10	3	15	0
	1730		..	..	..	21.9	13.5	4.9	8.7	33	..	1.5	..	2.9	0	0	18	01	0	1	1	0	0	9	4	13	0
NARNAUL	0830		(R)																								
	1730		(R)																								
ROHTAK	0830	219	..	..	..	10.1	8.2	6.0	9.3	76	..	1.3	..	7.2	0	0	29	01	0	3	2	2	5	10	6	2	0
	1730	219	..	..	..	19.6	15.5	12.3	14.3	63	..	1.0	..	9.0	0	0	31	04	1	0	1	1	3	17	4	0	0
PUNJAB																											
PATHANKOT	0530	312	1016.2	979.7	..	8.0	6.9	5.2	5.2	85	..	2.5	..	3.5	0	0	20	01	13	4	1	0	0	0	1	11	0
	0830	312	1018.6	981.3	+0.1	9.5	7.8	5.8	9.2	78	+ 3	3.7	+0.7	6.1	0	2	12	02	9	1	0	1	0	0	1	17	0
	1130	312	1018.3	982.0	..	17.8	12.2	6.5	9.7	46	..	3.6	..	8.4	0	3	21	02	3	4	0	9	2	4	0	7	0
	1730	312	1015.5	979.3	-0.7	17.0	12.3	7.3	7.8	54	- 4	4.4	+0.7	7.8	0	2	22	01	4	0	0	1	8	10	0	7	0
	2330	312	1017.9	980.6	..	9.3	8.1	6.5	9.7	84	..	3.1	..	4.0	0	3	10	04	6	3	0	0	0	0	0	18	0
AMRITSAR	0530	234	1017.6	989.1	..	6.1	5.2	4.1	8.2	87	..	2.0	..	10.1	0	1	30	04	4	4	0	0	1	10	8	0	0
	0830	234	1018.9	990.5	-0.2	7.4	6.4	4.8	8.6	85	- 3	3.0	+0.4	7.7	0	0	28	03	2	5	1	3	1	6	7	3	0
	1130	234	1018.7	991.3	..	17.2	12.0	6.5	9.7	51	..	1.4	..	11.4	0	6	21	05	2	2	1	1	1	5	10	4	0
	1430	234	1016.1	989.0	..	20.1	12.7	4.9	8.7	38	..	3.5	..	14.6	0	11	17	04	1	1	1	1	1	8	11	3	0
	1730	234	1015.9	988.5	-0.3	16.9	12.1	7.1	10.1	54	+ 0	3.8	+1.0	10.5	0	0	29	02	3	0	0	0	1	13	10	2	0
	2030	234	1017.4	989.4	..	11.1	8.9	6.4	9.6	74	..	2.9	..	10.8	0	1	30	05	2	0	0	0	4	12	8	0	0
ADAMPUR AERODROME	0830	249	1018.8	988.6	..	6.6	4.9	2.6	7.4	77	..	3.1	..	5.4	0	1	16	08	2	1	1	0	0	0	5	14	0
	1730	249	1015.9	986.8	..	16.2	10.7	4.4	8.4	46	..	3.8	..	9.9	0	1	25	05	0	1	0	1	0	0	19	5	0
LUDHIANA	0830	247	1018.6	989.0	+0.2	9.4	7.8	6.2	9.5	81	+ 2	0.2	-1.9	3.0	0	0	21	00	4	0	1	0	0	1	15	10	0
	1730	247	1015.1	986.5	-0.4	18.5	12.9	7.5	10.4	49	- 1	2.3	+0.0	3.0	0	0	18	00	4	0	2	0	0	0	12	13	0
FEROZEPUR	0830	200	1019.6	995.3	+0.9	9.4	8.2	6.9	9.9	85	- 4	1.2	-0.6	1.2	0	0	14	00	5	0	0	0	0	0	9	17	0
	1730	200	1017.2	993.8	+1.5	19.1	16.3	14.3	16.3	75	+16	1.5	-0.6	2.6	0	0	28	13	3	0	0	0	0	1	11	3	0
HALWARA AERODROME	0530	242	1017.3	988.0	..	6.6	5.5	4.3	8.3	86	..	1.5	..	9.0	0	0	24	06	1	2	2	0	0	4	9	7	0
	0830	242	1018.4	989.3	..	8.8	7.3	5.6	9.1	81	..	2.6	..	9.0	0	1	25	02	1	2	4	1	0	4	12	5	0
	1130	242	1017.9	989.9	..	19.1	12.3	4.9	8.7	40	..	2.1	..	16.6	0	6	24	06	1	2	3	1	0	2	15	1	0
	1730	242	1015.3	987.2	..	17.5	11.7	5.4	9.0	45	..	2.7	..	12.2	0	0	29	02	2	0	1	1	1	6	16	2	0
	2330	242	1017.5	988.4	..	8.7	7.4	5.8	8.2	81	..	1.5	..	8.2	0	0	21	01	2	1	0	1	0	2	14	10	0
PATIALA	0830	251	1018.0	988.1	-0.3	10.2	9.3	6.0	9.3	73	- 5	1.9	-0.6	3.7	0	0	13	01	0	0	2	0	0	0	10	18	0
	1730	251	1015.0	986.0	-0.5	19.1	12.6	7.2	10.1	49	- 4	2.0	-0.8	3.8	0	0	11	01	0	0	1	0	0	0	9	20	0
BHATINDA	0830	211	1018.6	993.4	..	13.3	9.6	5.6	9.1	60	- 8	0.6	-0.4	1.2	0	0	11	00	1	0	3	0	1	0	6	20	0
	1730	211	1015.1	990.7	..	20.6	14.8	9.4	11.8	51	+ 0	0.0	-1.3	1.2	0	0	16	00	0	0	1	0	0	0	15	15	0
HIMACHAL PRADESH																											
MANDI	0830	761	1021.5	931.8	+0.6	4.4	4.0	3.6	7.9	94	- 1	0.0	-4.8	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	761	1015.6	929.0	+0.6	14.7	10.2	5.9	9.3	57	- 6	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BILASPUR	0830	587	1020.3	951.0	-1.0	7.6	6.6	5.3	8.9	87	- 8	2.7	-3.2	8.0	0	0	7	00	0	0	6	0	0	1	0	24	0
	1730	587	1015.1	948.3	-0.7	17.5	12.4	7.6	10.4	53	- 5	3.8	+0.1	3.2	0	0	26	01	17	0	5	2	1	0	0	5	0
JAMMU AND KASHMIR																											
MISGAR	0830		(R)																								
	1730		(R)																								
GILGIT	0830		(R)																								
	1730		(R)																								
SKARDU	0830		(R)																								
	1730		(R)																								
LEH	0830	3514	970.8	667.8	+0.9	- 8.0	-11.0	-19.0	1.2	41	-13	4.1	-0.3	1.0[a]	0	0	7	00	0	0	0	6	0	1	0	23	0
	1130		(R)																								
	1730	3514	958.6	663.0	-2.1	- 2.5	- 6.4	-14.9	1.7	42	+ 0	5.0	+0.8	4.0[a]	0	0	23	00	0	0	0	11	4	7	1	7	0
SRINAGAR	0230	1587	1539.1	844.9	..	0.2	- 0.3	- 0.8	5.7	93	..	4.2	..	1.6	0	0	17	00	0	0	9	0	0	0	8	14	0
	0530	1587	1539.0	844.8	..	- 0.5	- 0.8	- 1.3	5.5	94	..	4.7	..	1.9	0	0	16	01	1	0	8	0	0	0	6	15	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of mean standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
JAMMU AND KASHMIR (CONTD.)																											
SRINAGAR	0830	1587	1547.7	846.9	-0.5	0.2	-0.1	-0.6	6.4	95	+7	0.8	-4.4	1.7	0	0	19	00	0	0	11	1	1	1	5	12	0
	1130	1587	1599.9	846.3	..	4.0	2.5	0.7	6.4	79	..	6.0	..	2.6	0	0	24	07	1	0	6	1	0	2	17	7	0
	1430	1587	1537.0	844.6	..	6.3	3.8	0.6	6.4	69	..	5.4	..	2.8	0	0	26	07	2	0	5	2	1	0	14	5	0
	1730	1587	1528.6	844.8	+0.5	5.1	3.1	0.6	6.2	71	+4	0.4	-4.5	2.2	0	0	19	01	0	0	4	0	0	1	13	12	0
	2030	1587	1535.7	844.8	..	2.4	1.5	0.4	6.3	87	..	4.2	..	2.1	0	0	15	00	0	0	3	1	0	1	10	16	0
	2330	1587	1537.2	845.1	..	1.5	0.7	-0.1	6.1	90	..	4.3	..	2.4	0	0	21	00	0	0	7	0	0	0	14	10	0
SRINAGAR AERODROME	0530	1666	1539.5	836.7	..	-0.5	-1.2	-2.4	5.0	87	..	4.8	..	1.7	0	0	6	00	0	0	0	2	0	1	2	25	1
	0830	1666	1549.9	837.8	..	0.0	-0.7	-1.7	5.3	88	..	6.0	..	2.8	0	0	13	00	0	3	2	4	2	1	1	18	0
	1130	1666	1558.9	838.6	..	3.4	1.6	-0.7	5.8	75	..	5.8	..	5.7	0	0	22	04	2	4	5	1	0	0	5	9	1
	1730	1666	1533.5	836.3	..	4.3	2.4	0.0	6.1	74	..	4.9	..	4.1	0	0	16	02	1	0	2	1	0	4	6	15	0
	2330	1666	1541.8	837.0	..	0.6	-0.3	-1.8	5.3	84	..	2.1	..	3.2	0	0	12	00	0	3	0	4	2	2	1	19	0
GULMARG	0830																										
	1730																										
QAZIGUND	0830	1690	..	..	..	-0.4	-0.8	-1.4	5.4	93	..	5.7	..	3.3	0	0	24	00	1	9	0	7	2	5	0	7	0
	1730	1690	..	..	..	4.4	2.7	0.9	6.5	79	..	5.4	..	3.5	0	0	25	01	0	0	0	4	4	16	0	6	0
BANIHAL	0830	1630	1530.2	839.6	..	2.1	0.9	-1.1	5.6	80	..	0.6	..	0.8	0	0	3	03	0	0	0	0	0	0	0	28	0
	1730	1630	1505.9	837.4	..	7.3	4.0	0.2	6.2	58	..	4.0	..	0.8	0	0	31	05	0	0	0	0	0	0	0	26	0
JAMMU	0830	366	1017.4	941.6	..	10.4	8.2	5.1	8.8	71	+7	3.5	+0.4	6.2	0	0	25	01	22	0	0	0	1	1	0	1	0
	1730	366	1016.7	975.2	..	18.9	13.8	9.2	11.6	55	..	2.9	..	1.1	0	0	9	00	8	0	0	0	1	0	0	11	0
JAMMU AERODROME	0530	292	1017.7	982.4	..	9.1	7.1	4.7	8.5	75	..	2.4	..	1.8	0	0	7	00	6	0	1	0	0	0	0	24	0
	0830	292	1018.9	983.8	..	9.8	7.6	4.9	8.7	73	..	3.8	..	3.4	0	0	31	00	13	0	0	0	0	18	0	0	0
	1130	292	1018.6	984.4	..	17.7	11.7	5.3	8.9	45	..	3.5	..	3.1	0	0	14	02	2	0	2	2	2	2	2	17	0
	1730	292	1016.0	981.8	..	16.8	11.9	6.8	9.9	52	..	4.3	..	2.0	0	0	4	00	2	0	0	1	0	1	0	27	0
	2330	292	1018.1	983.0	..	10.6	8.4	5.7	9.1	73	..	2.9	..	2.0	0	0	9	00	8	1	0	0	0	0	0	22	0
GULMARG (RESEARCH INSTITUTE)	0830		..	..	..	-4.3	-3.1	-3.8	4.5	59	..	.	..	3.0	0	0	31	00	0	2	1	0	0	25	3	0	0
	1130		..	..	..	-0.7	-1.7	-3.4	4.6	81	..	1.8	..	3.4	0	0	30	00	1	7	1	1	1	18	1	1	0
	1730		..	..	..	-2.8	-3.0	-3.7	4.5	88	..	5.0	..	3.0	0	0	30	01	0	3	0	0	0	25	1	1	0
RAJASTHAN, WEST																											
GANGANAGAR	0530	177	1017.3	995.8	..	7.6	6.1	4.2	8.2	79	..	0.2	..	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
	0830	177	1018.7	997.2	+0.1	7.7	6.0	3.9	8.1	78	+3	1.0	-0.7	0.0	0	0	2	00	1	0	1	0	0	0	0	29	0
	1130	177	1018.5	997.8	..	18.9	12.5	5.8	9.2	43	..	1.1	..	1.2	0	0	10	00	0	0	0	0	0	0	0	21	0
	1730	177	1015.3	994.8	-0.3	20.7	13.6	6.2	9.5	40	-3	0.0	-1.8	0.0	0	0	1	01	0	0	0	0	0	0	0	30	0
	2330	177	1017.5	996.4	..	10.8	8.3	5.4	9.0	70	..	0.4	..	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
ANUPGARH	0830		(R)																								
	1730		(R)																								
CHURU	0830	291	1019.4	984.3	+0.2	8.2	5.6	1.5	6.8	64	-9	0.6	-1.8	1.7	0	0	14	00	0	3	2	7	1	1	0	17	0
	1730	291	1015.2	981.8	+0.1	21.7	14.5	7.5	10.3	41	-2	1.0	-1.8	3.6	0	0	27	15	3	1	0	1	1	1	5	4	0
BIKANER	0830	224	1018.8	992.0	+0.4	11.1	6.9	0.6	6.4	49	-10	0.9	-0.4	3.1	0	0	23	00	1	1	7	8	5	1	0	8	0
	1730	224	1015.0	989.3	+0.2	22.2	13.6	4.2	8.2	32	-5	1.5	-0.1	2.1	0	0	26	07	5	0	0	0	2	1	11	5	0
BIKANER P.B.O.	0530	224	1017.2	990.1	..	8.0	4.9	0.2	6.2	59	..	0.2	..	0.7	0	0	7	02	4	0	0	1	0	0	0	24	0
	1130	224	1018.1	992.1	..	20.8	12.1	1.8	6.9	31	..	0.8	..	4.4	0	0	30	02	6	5	8	5	3	1	0	1	0
	1430	224	1015.1	989.4	..	24.2	13.2	0.1	6.1	21	..	1.0	..	4.6	0	0	29	04	8	4	3	0	5	1	4	2	0
	2030	224	1016.7	990.4	..	15.4	9.7	2.6	7.4	44	..	1.3	..	2.3	0	0	13	06	5	0	0	1	0	0	1	18	0
	2330	224	1017.2	990.5	..	12.7	7.9	1.2	6.7	48	..	0.7	..	2.5	0	0	13	04	6	0	0	0	1	1	1	18	0
NAGAUR	0830	298	1018.6	983.6	-0.2	14.2	10.8	7.3	10.2	62	+8	0.4	-1.5	3.8	0	0	29	07	5	0	0	1	2	5	9	2	0
	1730	298	1014.1	981.2	+0.5	23.0	17.9	14.1	16.1	59	+20	1.5	-0.5	5.9	0	0	29	12	5	0	0	1	2	0	9	2	0
PHALODI	0830	234	1018.6	990.7	+0.5	11.7	7.2	0.4	6.3	46	-13	0.7	-1.1	6.3	0	0	31	03	1	2	8	11	4	1	1	0	0
	1730	234	1015.4	988.7	+0.6	24.0	14.0	3.7	8.0	27	-14	1.5	-0.4	9.4	0	0	31	09	3	1	0	2	4	3	9	0	0
JAISALMER	0830	242	1017.9	989.1	-0.2	11.5	7.3	1.4	6.8	51	-5	0.0	-1.3	4.4	0	0	23	05	10	1	2	0	4	0	1	8	0
	1730	242	1014.4	986.9	+0.1	23.6	14.5	5.5	9.0	33	-8	0.0	-1.7	6.5	0	0	30	10	9	0	1	1	2	1	6	1	0
JODHPUR	0230	224	..	..	..	18.7	11.8	6.0	9.3	44	..	0.5	..	10.3	0	4	23	01	22	2	0	0	0	0	2	4	0
	0530	224	..	..	..	15.8	10.7	6.1	9.4	57	..	0.5	..	9.5	0	2	25	01	22	2	0	0	0	0	2	4	0
	0830	224	..	..	..	17.3	11.7	6.5	9.7	49	+1	0.9	-0.8	7.8	0	0	22	00	20	2	0	0	0	0	0	9	0
	1130	224	..	..	..	21.9	13.7	7.0	10.0	39	..	0.9	..	7.8	0	1	22	00	16	7	0	0	0	0	0	8	0
	1430	224	..	..	..	24.2	15.0	8.3	10.9	36	..	1.2	..	9.7	0	4	22	01	18	7	0	0	0	0	0	5	0
	1730	224	..	..	..	23.5	14.4	7.4	10.3	36	+10	1.3	-0.6	7.5	0	0	26	00	21	5	0	0	0	0	0	5	0
	2030	224	..	..	..	22.2	13.8	7.6	10.4	42	..	1.2	..	10.1	0	3	25	00	24	4	0	0	0	0	0	3	0
	2330	224	..	..	..	21.2	13.0	6.3	9.5	38	..	0.8	..	12.1	0	5	23	05	17	2	0	1	0	0	3	3	0
BARMER	0530	194	1015.2	992.2	..	14.6	9.6	3.5	7.9	48	..	0.3	..	6.0	0	0	29	06	0	0	0	0	0	1	22	2	0
	0830	194	1017.3	994.4	+0.0	14.4	9.8	4.1	8.2	51	+0	0.5	-1.0	5.4	0	0	23	04	1	0	0	0	0	1	23	2	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or At, in gen. of mean standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction									
															62 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
RAJASTHAN WEST (CONTD)																											
BARMER	1130	194	1017.1	994.6	..	21.9	13.8	5.5	9.0	36	..	0.6	..	6.3	0	0	28	07	10	2	0	0	0	1	8	3	0
	1730	194	1013.4	991.3	-0.6	25.2	14.8	4.2	8.2	27	- 4	0.3	-1.5	5.6	0	0	30	09	9	1	0	0	2	1	8	1	0
	2330	194	1015.7	993.1	..	18.7	11.8	4.7	8.5	41	..	0.3	..	5.5	0	0	27	03	0	0	0	0	1	3	20	4	0
JAWAI BANDH	0830	295	1017.5	987.7	-0.3	12.5	9.8	7.1	10.1	72	- 4	0.3	-2.1	1.2	0	0	12	00	0	1	5	4	1	1	0	19	0
JALORE	1730	295	1013.6	979.9	-0.4	22.4	16.2	11.0	13.1	49	+ 1	1.1	-1.4	1.8	0	0	19	10	0	3	1	0	2	3	0	12	0
	0830		(R)																								
	1730		(R)																								
RAJASTHAN, EAST																											
PILANI	0830	301	1019.1	983.1	-1.0	8.9	5.1	- 1.1	5.6	52	- 4	0.7	-0.3	7.0	0	0	23	01	0	2	5	8	4	3	0	8	0
	1730	301	1015.0	980.6	-1.0	22.0	12.1	- 0.6	5.9	23	-12	1.1	+0.0	7.4	0	0	28	04	3	1	1	0	1	8	10	3	0
SIKAR	0830	433	1017.1	967.6	+0.3	11.6	7.7	2.9	7.5	58	-14	0.2	-1.5	0.1	0	0	2	01	0	0	1	0	0	0	0	29	0
	1730	433	1012.7	965.1	-0.3	22.7	13.8	2.9	0.0	28	-26	0.5	-1.8	1.0	0	0	12	00	0	0	0	0	0	8	4	19	0
ALWAR	0830	271	1018.2	985.9	+0.1	11.3	9.4	7.4	10.3	77	-11	0.5	-2.0	0.5	0	0	1	00	0	0	0	0	0	0	1	30	0
	1730	271	1014.0	982.9	-1.0	21.1	15.9	11.6	13.7	55	- 6	0.5	-2.1	0.8	0	0	11	03	0	0	0	0	0	0	8	20	0
JAIPUR (SANGANER)	0230	390	1016.4	970.4	..	11.6	7.7	2.6	7.4	55	..	0.6	..	5.0	0	0	24	08	9	3	0	0	0	0	4	7	0
	0530	390	1016.6	970.4	..	10.7	7.4	3.0	7.6	61	..	0.6	..	4.0	0	0	19	07	8	2	0	0	0	0	2	12	0
	0830	390	1018.1	972.3	-0.2	13.5	8.9	3.2	3.2	52	- 4	0.7	-0.7	3.5	0	0	15	02	5	5	0	1	0	0	2	16	0
	1130	390	1017.0	972.4	..	21.6	10.6	2.0	7.1	28	..	0.5	..	7.0	0	0	27	02	4	6	4	2	2	4	3	4	0
	1430	390	1013.8	969.8	..	24.4	14.1	2.2	7.2	25	..	0.9	..	8.1	0	0	31	02	4	4	3	3	2	7	6	0	0
	1730	390	1013.9	969.5	-0.5	21.3	13.0	4.1	8.2	33	- 2	1.0	-1.4	3.9	0	0	18	01	2	5	0	0	0	0	5	5	13
	2030	390	1016.2	970.8	..	15.5	10.2	3.9	8.1	47	..	1.0	..	4.6	0	0	23	06	6	2	2	0	0	1	6	8	0
	2330	390	1016.5	970.8	..	13.2	8.9	3.1	7.6	50	..	1.1	..	5.2	0	0	24	08	6	3	1	0	0	0	6	7	0
DHOLPUR	0830	176	1018.2	947.2	-0.2	12.3	8.8	4.4	8.4	59	-12	0.2	-2.0	0.5	0	0	6	00	0	0	0	0	0	5	1	25	0
	1730	176	1014.0	993.6	-0.9	21.4	14.2	7.1	10.1	40	-10	0.0	-2.4	0.0	0	0	1	00	0	0	0	0	0	1	0	30	0
AJMER	0830	486	1019.1	962.0	+0.0	11.1	7.8	3.9	8.1	62	+ 0	0.8	-0.8	1.3	0	0	13	03	2	0	0	0	0	1	7	18	0
	1730	486	1014.0	959.2	-0.2	21.9	12.4	2.2	7.2	28	- 5	0.9	-1.0	3.4	0	0	25	05	8	0	2	0	1	4	5	6	0
TONK	0830	272	1018.2	985.8	+0.4	10.9	7.4	2.8	7.5	57	-20	0.5	-1.3	4.5	0	0	31	03	0	2	3	0	0	4	19	0	0
	1730	272	1013.2	982.2	-0.2	22.3	14.1	5.8	9.2	35	-20	0.8	-1.4	2.9	0	0	30	01	7	1	0	0	1	10	10	1	0
BHILWARA	0830	425	1018.7	968.6	..	11.7	7.9	3.2	7.7	56	..	1.9	..	1.8	0	0	20	10	2	0	0	0	1	0	7	11	0
	1730	425	1013.5	965.7	..	23.3	13.6	2.8	7.5	25	..	2.0	..	2.5	0	0	24	02	14	1	2	0	0	0	5	7	0
KOTA	0830	257	1018.3	986.0	-2.0	14.6	9.7	3.4	7.8	48	-13	1.0	-0.6	4.6	0	0	24	04	3	2	1	0	9	5	0	7	0
	1730	257	1014.0	982.8	-2.1	23.3	14.2	4.8	8.6	31	- 4	0.9	-0.9	3.5	0	2	25	07	12	7	0	0	0	1	0	4	0
KOTA AERODROME	0530	274	1016.4	983.9	..	12.7	8.5	3.0	7.6	53	..	0.3	..	3.9	0	0	24	02	1	1	0	2	7	10	1	7	0
	0830	274	1017.8	987.5	..	13.6	10.4	6.9	9.9	65	..	0.7	..	1.0	0	0	7	02	0	1	0	0	1	1	2	24	0
	1130	274	1017.6	986.4	..	21.1	13.3	5.1	8.8	36	..	0.7	..	7.6	0	1	29	03	4	14	7	0	1	1	0	1	0
	1730	274	1013.5	984.3	..	23.6	15.4	8.1	10.8	37	..	0.9	..	1.0	0	0	10	02	2	3	0	0	0	0	3	21	0
	2330	274	1016.4	984.2	..	15.3	10.1	3.4	7.8	47	..	0.6	..	7.2	0	0	30	03	5	6	1	0	8	3	4	1	0
CHAMBAL (RAWAT BHATTA DAM)	0830	351	1016.6	975.6	-2.0	13.5	10.6	7.2	10.1	66	- 6	0.7	-1.1	3.0	0	0	3	02	0	0	0	0	1	0	0	28	0
	1730	351	1012.2	973.0	-1.3	23.5	11.0	9.4	11.8	41	+ 1	0.7	-1.4	3.2	0	0	28	05	10	1	0	1	0	0	11	3	0
UDAIPUR	0230	582	1017.5	949.6	..	10.6	8.3	5.8	9.2	72	..	0.1	..	0.1	0	0	30	01	0	0	0	0	0	0	0	0	0
	0530	582	1017.7	949.5	..	9.3	7.4	5.2	8.8	76	..	0.3	..	0.3	0	0	2	01	0	0	0	0	0	0	1	29	0
	0830	582	1018.8	951.4	+0.0	13.4	9.2	4.5	8.4	56	- 7	0.6	-0.9	0.3	0	0	3	00	0	0	0	0	0	0	3	28	0
	1130	582	1016.8	951.5	..	22.4	13.3	5.0	8.7	32	..	0.2	..	2.8	0	0	21	00	3	10	5	0	2	0	1	10	0
	1730	582	1013.3	948.3	-0.4	22.5	13.9	5.9	9.3	35	- 5	1.2	-0.8	1.9	0	0	13	00	2	4	1	3	1	1	1	18	0
	2330	582	1017.2	949.9	..	19.9	9.6	6.6	9.6	66	..	0.4	..	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
JHALAWAR	0830	321	1018.8	981.1	+0.8	14.5	9.7	3.7	8.0	49	-16	0.9	-0.4	0.9	0	0	6	01	3	0	1	0	0	1	0	25	0
	1730	321	1013.2	976.7	-0.4	24.7	14.2	3.1	7.6	26	- 8	0.9	-0.5	4.1	0	0	24	08	10	1	1	0	0	1	2	7	0
BANSWARA	0830	220	..	..	..	16.6	12.4	8.4	11.0	58	..	0.3	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	220	..	..	..	27.4	18.7	12.5	14.5	41	..	0.5	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
DUNGARPUR	0830		..	..	..	15.6	13.3	11.2	13.3	75	..	0.1	..	0.1	0	0	1	00	0	0	0	0	0	1	0	30	0
	1730		..	..	..	25.6	23.2	22.0	26.4	80	..	1.1	..	0.4	0	0	7	00	1	1	0	0	2	2	1	24	0
MADHYA PRADESH, WEST																											
GWALIOR	0230	207	1016.7	991.8	..	9.3	7.1	4.3	8.3	71	..	0.7	..	2.3	0	0	21	02	0	0	6	11	1	1	0	10	0
	0530	207	1016.8	991.8	..	8.1	6.2	3.7	8.0	74	..	0.6	..	2.8	0	0	23	00	1	0	8	9	2	1	2	8	0
	0830	207	1018.4	993.8	+0.0	13.5	9.6	4.9	8.8	57	- 5	1.0	-0.6	3.3	0	0	22	02	1	1	4	10	0	2	2	9	0
	1130	207	1017.5	993.6	..	22.2	13.5	4.0	8.5	31	..	0.9	..	7.7	0	0	31	10	1	1	3	3	2	1	10	0	0
	1430	207	1014.4	990.8	..	24.4	14.3	3.2	8.1	26	..	0.8	..	8.1	0	0	31	09	3	2	3	2	0	2	10	0	0
	1730	207	1014.6	990.8	+0.0	21.4	13.7	5.6	9.5	37	- 2	0.8	-1.1	4.5	0	0	28	11	5	3	3	0	0	0	6	3	0
	2030	207	1016.6	992.1	..	13.7	9.9	5.6	9.1	59	..	0.5	..	1.4	0	0	10	01	0	1	2	4	0	2	0	21	0
	2330	207	1016.9	992.1	..	10.7	8.0	4.6	8.5	67	..	0.5	..	2.1	0	0	17	01	0	0	7	7	2	0	0	14	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or lat. in gpm. of present standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH, WEST (CONTD)																											
SHEOPUR	0830	235	1018.4	990.3	-0.3	11.1	8.5	5.3	9.0	68	- 2	0.8	-1.2	2.6	0	0	17	04	2	0	2	6	1	1	1	14	0
	1730	235	1014.0	987.3	+0.0	24.1	15.3	6.9	10.3	34	- 8	1.0	-1.4	4.3	0	0	26	03	3	1	2	1	3	1	12	5	0
SHIVPURI	0830	464	1018.5	964.3	..	13.9	9.4	4.9	8.5	55	..	0.7	..	2.8	0	0	17	01	2	3	4	3	1	1	7	14	0
	1730	464	1014.0	961.5	..	21.3	12.6	4.1	8.3	33	..	0.8	..	3.4	0	0	25	09	7	6	1	0	0	2	5	6	0
NOWGONG	0830	229	1019.0	991.9	+0.3	12.5	9.6	7.1	9.7	65	-14	0.9	-0.6	2.2	0	0	26	00	2	2	1	5	13	1	7	5	0
	1730	229	1014.6	988.5	+0.2	23.0	15.7	8.2	11.9	43	+ 1	0.8	-0.7	2.7	0	0	24	01	13	1	0	0	2	0	7	7	0
GUNA	0530	478	1017.4	960.9	..	9.3	7.0	4.4	8.4	73	..	0.5	..	4.1	0	0	20	01	2	6	6	3	0	2	0	11	0
	0830	478	1018.2	962.9	+0.1	15.8	11.2	6.8	10.0	56	-10	1.2	-0.4	4.0	0	0	25	03	0	11	5	3	0	3	0	6	0
	1130	478	1016.7	962.7	..	22.7	15.4	9.9	12.2	44	..	1.0	..	7.5	0	1	29	04	7	8	7	2	0	2	0	1	0
	1430	478	1013.3	959.9	..	25.3	16.7	10.5	12.8	40	..	1.6	..	7.4	0	0	30	13	2	1	3	2	0	5	4	1	0
	1730	478	1013.5	959.7	-0.2	22.5	15.5	10.1	12.5	45	+ 9	1.3	-0.4	5.4	0	0	30	09	4	6	1	0	0	2	8	1	0
	2330	478	1017.2	961.4	..	12.7	9.3	5.7	9.3	63	..	0.5	..	3.3	0	0	14	00	4	5	3	0	0	1	1	17	0
NIMACH	0830	496	1018.3	960.9	+0.0	15.2	9.4	2.2	7.6	42	- 9	1.0	-0.8	2.7	0	0	20	00	10	7	1	0	0	0	0	11	2
	1730	496	1013.3	957.8	-0.5	24.2	13.3	2.0	7.4	24	- 5	1.4	-0.8	4.2	0	0	25	03	13	3	0	0	1	1	0	6	4
RAJGARH	0830	382	1018.6	973.6	+0.2	11.9	8.7	4.9	8.7	62	- 4	0.5	-1.2	2.3	0	0	17	05	0	2	5	4	1	0	0	14	0
	1730	382	1013.0	970.1	-0.3	25.2	15.4	6.3	9.6	30	- 5	0.9	-1.0	5.2	0	0	31	18	3	5	0	2	1	2	0	0	0
SAGAR	0830	551	1017.4	954.5	+0.3	18.3	15.8	14.1	16.1	77	+30	1.0	-1.0	5.1	0	0	31	00	9	10	0	0	3	6	3	0	0
	1730	551	1013.0	951.7	+0.3	24.5	18.1	14.1	16.1	53	+16	0.8	-1.0	7.4	0	0	31	00	8	9	0	0	3	6	5	0	0
RATLAM	0830	486	1017.8	961.5	+0.0	15.9	11.7	8.0	10.7	60	+ 2	0.8	-1.2	9.2	0	1	28	04	13	10	2	0	0	0	0	2	0
	1730	486	1012.3	958.2	-0.4	25.2	17.7	12.8	14.8	47	+12	1.8	-0.6	8.2	0	1	29	00	13	13	1	0	0	3	0	1	0
BHOPAL (BAIRAGARH)	0230	523	1015.7	955.3	..	14.4	9.2	3.2	7.9	48	..	0.6	..	5.5	0	0	22	06	6	4	4	1	0	0	1	9	0
	0530	523	1016.3	955.5	..	12.9	8.5	3.5	7.9	53	..	0.7	..	4.2	0	0	22	05	7	[illegible]	2	0	0	1	0	9	0
	0830	523	1017.6	957.5	-0.2	16.6	10.7	4.5	8.7	45	-14	1.2	-0.4	5.4	0	0	21	03	4	5	7	1	0	0	0	10	0
	1130	523	1015.8	957.1	..	23.4	13.8	4.9	8.8	31	..	1.0	..	9.9	0	1	27	02	7	5	10	1	2	1	0	3	0
	1430	523	1012.6	954.5	..	25.7	14.5	4.3	8.4	26	..	1.5	..	6.9	0	0	23	06	6	0	3	3	1	1	3	8	0
	1730	523	1012.8	954.4	-0.3	23.8	14.0	4.8	8.8	30	- 9	1.7	+0.0	5.0	0	0	24	05	11	2	2	0	1	1	2	7	0
	2030	523	1015.6	956.0	..	18.7	11.7	4.7	8.7	40	..	1.2	..	4.8	0	0	25	04	9	7	3	0	0	1	1	6	0
	2330	523	1015.8	955.8	..	16.5	10.6	4.4	8.5	45	..	0.8	..	4.5	0	0	19	05	5	4	4	0	0	0	1	12	0
UJJAIN	0830	489	1018.5	961.1	..	11.5	8.8	6.1	9.4	69	..	1.4	..	0.8	0	0	8	01	3	4	0	0	0	0	0	23	0
	1730	489	1012.7	957.9	..	24.2	15.7	8.8	11.7	38	..	2.0	..	3.1	0	0	19	03	6	3	1	0	2	3	1	12	0
NARSINGHPUR	0830	356	1018.8	976.6	..	11.3	8.9	6.1	9.5	71	..	1.3	..	1.1	0	0	17	01	8	4	3	0	1	0	0	14	0
	1730	356	1012.4	972.4	..	25.0	16.0	7.8	10.9	34	..	1.4	..	0.6	0	0	9	02	4	0	2	0	1	0	0	22	0
HOSHANGABAD	0830	302	1018.4	983.0	+0.6	14.9	10.4	5.2	9.0	53	- 9	0.4	-1.3	2.3	0	0	31	00	1	0	0	0	19	11	0	0	0
	1730	302	1013.2	979.1	+0.3	25.4	15.0	4.4	8.7	26	-11	0.3	-1.7	2.1	0	0	31	01	0	0	16	0	7	7	0	0	0
INDORE	0530	567	1016.1	950.1	..	11.6	8.6	5.4	9.0	66	..	0.8	..	6.5	0	0	28	02	5	9	1	9	2	0	0	3	0
	0830	567	1017.5	952.2	+0.1	15.0	10.6	6.4	9.6	57	+ 0	1.4	-0.1	6.3	0	0	27	01	3	11	1	10	1	0	0	4	0
	1130	567	1015.5	952.1	..	23.6	15.5	9.2	11.7	41	..	1.3	..	11.5	0	2	28	00	3	12	1	11	2	0	0	1	1
	1730	567	1012.1	949.0	-0.3	24.4	15.8	9.3	11.7	39	+ 7	1.5	-0.3	8.6	0	0	31	03	7	11	0	3	2	4	1	0	0
	2330	567	1015.9	950.7	..	14.9	10.7	6.8	9.8	59	..	0.8	..	5.5	0	0	22	02	6	6	0	5	2	0	1	9	0
RAJPUR (JHABUA)	0830	293	1017.6	983.2	-0.3	15.1	10.1	4.3	8.4	49	-18	1.2	-0.9	0.1	0	0	1	00	0	1	0	0	0	0	0	30	0
	1730	293	1012.2	979.5	-0.3	27.4	15.5	3.1	8.0	22	-12	1.5	-0.6	0.2	0	0	3	00	0	0	0	0	0	3	0	28	0
CHHINDWARA	0830	685	1018.1	939.8	+0.1	15.1	10.8	6.6	9.8	58	- 7	0.8	-0.7	4.1	0	0	24	01	7	9	1	2	3	1	0	7	0
	1730	685	1012.1	936.5	-0.4	23.7	14.8	7.4	10.4	37	+ 2	1.7	-0.3	2.0	0	0	20	17	0	1	0	0	0	2	0	11	0
SEONI	0830	619	1018.1	947.1	+0.4	15.2	10.6	5.3	9.5	55	- 6	1.4	-0.2	3.6	0	0	16	04	5	1	1	0	0	0	5	15	0
	1730	619	1012.7	943.9	-0.1	23.1	13.9	5.4	9.3	33	- 8	1.2	-0.7	6.1	0	0	31	08	3	13	1	5	1	0	0	0	0
BETUL	0830	653	1017.7	943.2	-0.3	16.3	11.3	6.4	9.8	53	-10	1.6	+0.1	3.5	0	0	26	02	3	14	6	0	0	0	1	5	0
	1730	653	1012.3	939.8	-0.6	23.0	14.5	6.9	10.4	36	- 4	1.5	-0.5	3.0	0	0	30	08	8	3	4	0	0	0	7	1	0
KHANDWA	0830	318	1017.4	980.1	+0.1	14.8	10.6	5.9	9.4	56	- 2	1.0	-0.5	1.1	0	0	10	02	4	2	0	0	0	0	2	21	0
	1730	318	1011.5	976.0	-0.4	27.9	17.0	7.3	10.5	28	- 4	1.0	-0.8	3.2	0	0	28	11	5	5	1	4	1	1	0	3	0
TIKAMGARH	0830	346	1019.4	978.3	..	11.4	8.5	5.4	8.8	69	..	1.0	..	2.6	0	0	24	01	2	0	7	9	2	2	1	7	0
	1730	346	1015.1	975.7	..	22.1	17.8	14.6	16.9	63	..	0.9	..	3.5	0	0	27	07	7	4	4	1	2	1	1	4	0
MADHYA PRADESH, EAST																											
SATNA	0530	317	1017.0	979.0	..	9.0	6.9	4.1	8.3	72	..	0.2	..	0.6	0	0	7	01	0	1	0	2	1	2	0	24	0
	0830	317	1018.6	981.3	+0.4	14.3	9.9	4.6	8.7	53	-14	1.0	-0.4	0.5	0	0	7	00	1	4	0	0	0	2	0	24	0
	1130	317	1016.8	980.5	..	22.1	13.5	4.4	8.5	32	..	0.9	..	4.1	0	0	29	03	0	7	3	2	0	5	9	2	0
	1430	317	1013.7	977.8	..	24.8	14.5	3.7	8.2	27	..	1.0	..	4.2	0	0	30	03	3	1	1	1	0	4	17	1	0
	1730	317	1014.2	977.9	-0.5	21.3	13.6	5.8	9.4	37	- 9	0.5	-1.1	2.1	0	0	27	14	1	0	0	1	0	0	11	4	0
	2330	317	1016.8	979.3	..	12.9	9.3	5.0	8.8	59	..	0.2	..	0.6	0	0	5	01	0	2	0	0	1	1	0	26	0
REWA	0830	299	1018.3	982.8	..	12.7	9.1	4.8	8.7	59	..	1.4	..	1.5	0	0	18	00	3	0	1	1	12	1	0	13	0
	1730	299	1014.1	979.9	..	22.6	14.1	5.5	9.2	34	..	1.2	..	1.4	0	0	19	07	5	1	0	0	0	0	6	12	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mb.			Mean temperature in °C			Vapour pressure in mb.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or lst. in gpm. of mean standard isobaric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind speed (Km. p. h.)			Wind direction									
															62 or more	29 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA PRADESH, EAST (CONTD.)																											
SIDHI	0830	272	1017.9	985.7	-0.4	12.6	9.9	6.9	10.1	68	- 3	0.5	-0.4	0.4	0	0	5	01	0	0	1	2	0	1	0	26	0
	1730	272	1013.2	982.1	-0.8	21.6	15.4	10.4	12.5	49	+ 3	0.5	-0.8	0.3	0	0	3	02	0	1	0	0	0	0	0	28	0
UMARIA	0830	459	1019.0	965.1	+0.4	12.0	9.1	6.2	9.5	68	+ 0	1.6	+0.1	0.5	0	0	8	01	1	3	1	2	0	0	0	23	0
	1730	459	1013.5	961.7	+0.0	22.1	15.2	9.9	12.3	46	- 3	1.9	+0.2	0.8	0	0	12	07	1	0	0	1	0	0	3	19	0
JABALPUR	0530	393	1016.9	970.4	..	9.9	8.4	6.6	9.8	80	..	0.5	..	0.7	0	0	6	01	0	1	3	1	0	0	0	25	0
	0830	393	1018.8	972.8	+0.5	14.0	10.5	6.6	9.9	61	-11	1.7	+0.3	2.1	0	0	18	00	0	0	7	8	1	1	1	13	0
	1130	393	1016.5	971.9	..	22.5	14.5	6.8	10.1	37	..	1.9	..	3.5	0	0	24	02	10	1	3	3	2	1	2	7	0
	1430	393	1012.9	969.0	..	25.7	15.7	6.3	9.7	30	..	1.5	..	4.1	0	0	26	04	10	1	0	2	1	1	7	5	0
	1730	393	1013.5	969.1	+0.1	22.5	15.3	9.1	11.5	43	+ 0	1.7	+0.0	1.5	0	0	12	03	4	1	0	2	1	0	1	19	0
	2030	393	1016.1	970.7	..	16.1	12.7	9.6	11.9	66	..	0.7	..	0.7	0	0	6	02	1	1	1	1	0	0	0	25	0
	2330	393	1016.5	970.5	..	13.5	11.0	8.5	11.1	72	..	0.5	..	0.6	0	0	6	00	2	0	4	0	0	0	0	25	0
AMBIKAPUR	0830	611	1018.5	948.0	-0.4	13.4	10.2	7.2	10.1	67	- 8	2.0	+1.1	2.6	0	0	18	06	0	3	1	4	2	3	0	13	0
	1730	611	1013.1	944.6	-0.9	20.6	13.2	6.5	9.8	40	- 8	1.7	+0.5	4.7	0	0	31	22	2	1	0	1	0	5	0	0	0
JASHPURNAGAR	0830	779	1016.9	928.9	..	15.8	11.0	6.2	9.7	54	..	1.4	..	0.9	0	0	13	05	3	0	0	0	1	0	4	18	0
	1730	779	1012.6	925.9	..	19.5	12.9	6.9	10.1	45	..	1.7	..	0.5	0	0	8	04	1	0	0	0	3	0	0	23	0
PENDRA	0530	625	1016.9	944.6	..	11.8	8.2	4.2	8.3	60	..	1.5	..	4.6	0	1	25	10	2	3	1	2	1	2	5	5	0
	0830	625	1018.2	946.9	+0.3	16.2	10.8	5.2	9.0	49	-11	1.7	+0.2	4.8	0	0	26	17	2	0	1	2	1	1	2	5	0
	1130	625	1015.9	946.0	..	21.6	12.7	3.9	8.2	32	..	1.3	..	9.8	0	2	29	20	3	0	0	3	2	0	3	0	0
	1430	625	1012.7	943.5	..	23.6	13.5	3.9	8.1	29	..	1.3	..	11.6	0	3	27	21	1	1	0	4	1	0	2	1	0
	1730	625	1013.8	943.7	+0.0	20.1	12.7	5.6	9.3	39	- 8	1.4	-0.6	4.5	0	0	27	17	0	0	0	3	2	0	5	4	0
	2330	625	1016.9	945.2	..	14.2	9.7	4.8	8.8	54	..	0.7	..	3.4	0	0	27	09	2	0	1	3	1	5	6	4	0
MANDLA	0830	443	1019.0	967.1	-0.1	12.3	10.0	7.6	10.4	74	-10	1.3	-0.2	0.1	0	0	1	01	0	0	0	0	0	0	0	30	0
	1730	443	1012.9	963.1	-0.5	22.7	15.2	8.5	11.2	41	- 4	1.1	-0.7	1.9	0	0	9	04		0	0	2	0	0	3	22	0
CHAMPA	0830	246	1017.9	989.0	-0.5	15.3	11.6	7.7	10.7	61	- 8	2.2	+0.6	5.1	0	2	26	25	1	0	1	0	0	0	1	3	0
	1730	246	1013.0	985.2	-0.7	24.7	15.9	7.9	10.9	35	- 9	2.0	+0.1	3.9	0	0	24	18	3	1	2	0	0	0	0	7	0
RAIGARH	0830	220	1017.8	992.0	-0.1	17.4	12.9	8.5	11.2	56	- 8	2.2	+0.8	3.5	0	0	31	01	27	0	2	0	1	0	0	0	0
	1730	220	1013.2	988.1	-0.3	23.1	16.4	10.5	13.2	44	+ 3	2.1	+0.7	1.5	0	0	22	04	15	0	0	0	0	0	3	9	0
RAIPUR	0530	298	1015.9	980.9	..	13.7	11.0	8.3	10.9	70	..	1.1	..	0.8	0	0	7	02	2	1	1	1	0	0	0	24	0
	0830	298	1018.0	983.3	+0.4	17.6	12.7	8.0	10.8	54	- 8	2.4	+1.1	3.4	0	0	27	07	10	5	2	0	0	0	3	4	0
	1130	298	1016.3	982.4	..	23.7	15.2	7.4	10.4	33	..	2.1	..	5.4	0	0	30	07	14	5	3	0	0	0	1	1	0
	1430	298	1013.0	979.5	..	25.9	16.0	6.9	10.1	31	..	2.2	..	6.0	0	0	31	09	13	4	1	1	1	0	2	0	0
	1730	298	1013.5	979.7	+0.1	23.6	15.9	9.2	11.9	41	- 2	2.5	+1.1	1.7	0	0	17	05	7	3	0	0	0	1	1	14	0
	2030	298	1015.5	981.1	..	19.1	13.9	9.1	11.7	53	..	0.9	..	1.2	0	0	10	02	2	3	1	1	0	1	0	21	0
	2330	298	1015.5	981.0	..	17.3	12.8	8.6	11.2	58	..	0.7	..	2.0	0	0	15	01	3	3	6	1	1	0	0	16	0
KANKER	0830	402	1017.7	971.3	+0.2	17.0	13.3	10.0	12.3	64	- 9	2.5	+0.9	0.1	0	0	1	01	0	0	0	0	0	0	0	30	0
	1730	402	1012.7	967.7	-0.6	24.1	16.3	9.8	12.2	41	- 3	2.5	+0.3	1.0	0	0	11	05	5	0	0	0	1	0	0	20	0
JAGDALPUR	0530	553	1015.4	951.6	..	13.0	11.7	10.6	12.8	85	..	1.1	..	0.5	0	0	4	01	2	0	0	1	0	0	0	27	0
	0830	553	1017.4	954.0	+0.1	16.0	13.2	10.9	13.1	72	- 4	2.8	+1.1	0.8	0	0	7	03	1	1	0	0	0	0	2	24	0
	1130	553	1014.0	952.7	..	24.7	16.3	9.9	12.4	40	..	2.8	..	4.4	0	0	22	01	10	4	2	1	3	0	1	9	0
	1430	553	1010.7	950.0	..	27.0	16.6	8.5	11.3	32	..	3.0	..	5.7	0	0	27	06	9	2	0	1	2	3	4	4	0
	1730	553	1011.7	950.5	+0.1	24.1	16.5	11.0	13.2	44	- 6	3.9	+1.5	1.9	0	0	14	04	2	1	1	2	1	1	2	17	0
	2030	553	1014.8	952.3	..	19.3	14.7	11.0	13.4	59	..	2.0	..	0.6	0	0	3	00	1	0	0	0	2	0	0	28	0
	2330	553	1015.3	952.2	..	16.4	13.6	11.5	13.6	73	..	0.7	..	0.5	0	0	4	02	1	1	0	0	0	0	0	27	0
GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)																											
DEESA	0830	136	1016.6	1000.8	-0.1	14.5	10.0	4.7	8.5	52	- 4	0.1	-1.7	5.2	0	0	25	04	20	0	0	0	0	0	1	6	0
	1730	136	1014.1	998.4	+0.4	27.0	16.2	6.0	9.3	28	- 1	0.0	-2.0	7.3	0	0	29	01	10	0	2	0	3	0	13	2	0
RADHANPUR	0830	30	1016.1	1012.5	-0.6	15.4	12.6	9.7	12.0	70	+ 0	0.0	-1.2	1.8	0	0	24	09	11	3	1	0	0	0	0	7	0
	1730	30	1012.9	1009.5	-0.8	27.4	20.6	14.6	16.6	49	- 3	0.0	-1.0	1.4	0	0	15	08	0	2	0	0	0	3	2	16	0
IDAR	0830	219	1016.4	991.1	-0.1	20.4	11.5	0.7	0.0	26	-17	0.5	-1.7	6.8	0	0	25	09	13	2	0	0	1	0	0	6	0
	1730	219	1012.8	988.0	-0.3	26.6	15.1	2.4	7.3	22	-11	1.1	-1.1	2.8	0	0	19	01	0	3	5	0	0	8	2	12	0
AHMADABAD	0230	55	1014.4	1007.8	..	15.6	11.4	6.5	9.7	54	..	0.3	..	6.6	0	0	22	10	7	1	0	0	0	0	4	9	0
	0530	55	1014.3	1007.7	..	14.5	10.6	6.1	9.4	58	..	0.3	..	5.6	0	0	18	02	8	5	0	0	1	0	2	13	0
	0830	55	1016.3	1009.7	-0.3	16.3	11.3	5.7	9.1	50	- 6	1.1	-0.2	8.4	0	0	23	01	9	13	0	0	0	0	0	8	0
	1130	55	1016.4	1010.1	..	25.7	16.1	7.4	10.3	32	..	0.6	..	17.3	0	11	20	01	4	19	3	2	0	0	2	0	0
	1430	55	1013.2	1006.9	..	28.9	17.1	6.8	9.9	25	..	1.0	..	13.4	0	6	24	04	8	7	4	2	1	0	4	1	0
	1730	55	1012.7	1006.5	-0.4	27.5	16.7	7.0	10.0	28	- 1	0.9	-0.5	11.5	0	1	29	12	5	7	1	0	3	0	2	1	0
	2030	55	1014.5	1008.1	..	21.1	14.4	8.1	10.8	44	..	0.7	..	5.4	0	0	19	05	8	1	0	0	0	0	5	12	0
	2330	55	1014.8	1008.3	..	18.2	12.8	7.2	10.1	49	..	0.4	..	5.4	0	0	18	08	3	1	0	0	2	0	4	12	0
DOHAD	0830	333	1017.1	978.3	-0.5	16.2	10.8	4.5	8.4	47	-10	1.6	+0.2	5.2	0	0	29	01	3	18	3	2	1	1	0	2	0
	1730	333	1012.0	974.8	-0.7	27.0	15.8	4.9	8.7	25	- 2	1.6	+0.8	6.9	0	1	30	03	7	7	2	2	1	4	5	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or kn. in gms. of mean standard barometric level	At station level	Departure from normal	Mean temperature in °C Dry bulb	Wet bulb	Dew point	Vapour pressure in mb.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind speed (Km. p.h.) 0 or calm	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI (CONTD.)																											
VALLABH VIDYANAGAR	0830	44	1015.9	1010.8	..	14.9	11.6	8.2	10.9	66	..	0.8	..	4.8	0	0	26	07	15	1	1	1	0	1	0	5	0
	1730	44	1012.4	1007.4	..	28.7	18.7	11.2	13.3	34	..	0.9	..	4.6	0	0	26	08	7	0	1	0	2	0	8	5	0
BARODA AERODROME	0830	38	1016.5	1012.1	+0.2	22.4	14.6	7.4	10.3	38	-20	1.8	+0.3	6.1	0	0	23	08	10	5	0	0	0	0	0	7	0
	1130	38	1015.7	1011.4	..	27.3	16.1	5.6	9.1	26	..	0.9	..	9.8	0	4	22	04	6	13	2	0	0	0	1	5	0
	1730	38	1012.7	1008.5	+0.0	31.3	18.1	6.8	9.9	22	-10	1.9	+0.4	7.6	0	1	25	05	14	4	0	0	0	1	2	4	0
BARODA	0530	34	1014.1	1009.9	..	15.5	11.4	7.0	10.0	58	..	0.1	..	2.3	0	0	21	02	17	0	1	0	1	0	0	10	0
	0830	34	1016.0	1011.8	-0.5	16.5	11.8	6.7	9.8	52	-21	0.8	-0.3	2.1	0	0	20	00	17	1	1	0	0	0	1	11	0
	1130	34	1016.0	1012.0	..	28.3	16.9	6.7	9.8	26	..	0.7	..	3.6	0	0	24	00	16	2	5	0	0	0	1	7	0
	1730	34	1012.4	1008.5	-0.2	29.1	17.7	8.0	10.7	27	-16	0.8	-0.2	2.1	0	0	23	02	14	0	0	0	1	1	9	8	0
	2330	34	1014.5	1010.3	..	19.4	13.4	7.9	10.7	50	..	0.3	..	2.3	0	0	22	03	19	0	0	0	0	0	0	9	0
BROACH	0830		..	..	..	..	..	..	..	..	..	1.8	+0.5	6.6	0	0	31	00	18	8	4	0	0	1	0	0	0
	1730		..	..	..	..	..	..	..	..	..	0.6	-0.5	5.0	0	0	31	00	25	1	3	0	1	0	1	0	0
SURAT	0530	12	1013.5	1012.1	..	17.6	13.5	10.5	12.7	60	..	0.6	..	7.2	0	1	30	00	27	0	4	1	0	0	0	0	0
	0830	12	1015.6	1014.2	-0.2	18.4	13.9	9.8	12.1	58	- 3	1.3	-0.3	6.1	0	0	28	00	25	0	3	0	0	0	0	5	0
	1130	12	1015.9	1014.5	..	27.6	18.0	10.2	12.4	35	..	1.0	..	10.5	0	4	27	00	25	0	2	0	0	0	3	0	0
	1730	12	1012.3	1011.0	+0.1	29.3	19.5	12.2	14.2	36	- 5	1.2	-0.4	7.7	0	0	30	00	15	0	1	0	4	0	10	1	0
	2330	12	1014.3	1012.9	..	20.7	15.8	11.7	13.7	58	..	0.7	..	7.4	0	0	30	00	27	0	3	0	0	0	0	1	0
SAURASHTRA AND KUTCH (INCLUDING DIU)																											
NALIYA	0830	21	1016.6	1014.1	-0.3	12.9	8.8	3.5	7.9	55	-10	0.5	-1.6	6.3	0	0	29	10	16	2	0	0	0	0	1	2	0
	1730	21	1013.5	1011.1	-0.4	26.7	16.9	7.8	10.6	33	+ 3	0.8	-1.3	9.5	0	1	30	05	15	0	0	0	3	4	4	0	0
BHUJ (RUDRAMATA	0230	80	1015.1	1005.5	..	14.6	9.4	2.6	7.4	46	..	0.0	..	1.0	0	0	3	01	0	0	0	0	0	0	7	28	0
	0530	80	1015.1	1005.4	..	12.7	8.7	5.4	7.8	55	..	0.0	..	1.2	0	0	5	01	1	0	0	0	2	1	0	26	0
	0830	80	1016.8	1007.2	-0.6	14.9	9.9	3.6	7.9	49	- 7	0.4	-0.8	0.2	0	0	1	00	0	0	0	0	1	0	0	30	0
	1130	80	1017.0	1007.7	..	23.5	13.9	3.2	7.7	28	..	0.5	..	11.7	0	4	25	12	12	4	0	0	0	0	1	2	0
	1430	80	1013.8	1004.7	..	27.3	15.4	2.2	7.2	21	..	0.6	..	14.6	0	7	24	11	9	4	1	0	1	2	3	0	0
	1730	80	1013.3	1004.2	-0.3	26.7	15.0	1.9	7.0	21	- 4	0.9	-0.2	13.2	0	5	22	13	8	0	0	0	3	1	2	4	0
	2030	80	1015.1	1005.8	..	20.6	12.6	3.7	8.0	34	..	0.4	..	5.9	0	0	21	09	6	0	0	0	0	3	3	10	0
	2330	80	1015.5	1006.0	..	17.3	11.0	3.2	7.7	41	..	0.4	..	3.4	0	0	9	07	0	0	0	0	1	1	1	22	0
KANDLA AERODROME	0830	35	1017.2	1013.0	..	17.1	10.2	1.6	6.9	36	..	0.4	..	14.0	0	7	29	16	2	0	0	[illegible]	0	1	12	0	0
	1130	35	1017.1	1013.1	..	25.3	14.4	2.6	7.4	23	..	0.5	..	19.3	0	16	14	09	14	6	0	0	0	0	1	1	0
	1730	35	1013.6	1009.6	..	27.5	15.1	1.6	6.9	20	..	0.5	..	16.8	0	13	18	15	6	4	2	1	0	0	3	0	0
NEW KANDLA	0830	14	1016.7	1015.0	-0.4	16.6	10.8	3.7	8.0	43	-14	0.7	-1.5	9.5	0	1	30	20	6	0	0	0	0	2	3	0	0
	1730	14	1013.6	1012.0	-0.4	26.1	16.5	7.8	10.6	33	- 7	0.8	-1.7	8.5	0	0	27	10	13	1	0	0	2	0	1	4	0
MANDVI	0830	9	1016.7	1015.6	-0.2	17.4	11.6	5.2	8.8	46	-18	0.9	-0.9	13.5	0	1	29	18	12	0	0	0	0	0	0	1	0
	1730	9	1013.7	1012.6	-0.3	24.9	19.3	15.4	17.5	58	- 5	1.2	-1.1	14.5	0	5	25	03	2	3	6	4	3	9	1	0	0
SURENDRANAGAR	0830	74	1016.8	1008.1	+0.3	18.6	12.2	5.3	8.9	41	-12	0.8	-0.6	7.3	0	0	21	07	6	3	1	0	0	0	4	9	0
	1730	74	1012.4	1004.0	-0.5	28.6	17.4	8.6	11.2	27	- 4	1.4	-0.3	6.3	0	1	19	09	4	1	1	0	1	0	4	11	0
OKHA	0530	7	1014.7	1013.9	..	22.1	16.8	12.4	14.4	56	..	0.1	..	22.3	0	18	13	04	15	9	0	0	1	0	2	[illegible]	0
	0830	7	1016.6	1015.8	..	22.3	17.1	13.1	15.1	57	..	0.7	..	20.1	0	16	15	04	11	14	2	0	0	0	1	0	0
	1130	7	1017.2	1016.4	..	24.0	17.9	13.2	15.2	52	..	0.8	..	17.7	0	9	22	04	9	17	0	0	0	0	1	0	0
	1730	7	1013.9	1013.1	..	24.3	18.9	14.9	16.9	57	..	0.9	..	12.8	0	3	28	05	5	8	2	1	0	2	8	0	0
	2330	7	1015.4	1014.6	..	23.3	18.1	14.1	16.1	58	..	0.6	..	24.2	0	22	9	13	10	2	0	0	0	1	5	0	0
JAMNAGAR AERODROME	0530	23	1015.0	1012.3	..	13.8	9.9	5.1	8.8	67	..	0.2	..	5.0	0	0	22	02	4	10	2	1	0	0	1	9	0
	0830	23	1016.8	1014.1	-0.1	15.5	10.6	4.4	8.4	60	-10	0.8	-0.9	5.5	0	1	20	00	7	9	3	1	1	0	0	10	0
	1130	23	1017.0	1014.4	..	24.0	15.2	6.8	9.9	34	..	0.6	..	12.0	0	2	28	01	21	6	0	0	0	0	2	1	0
	1730	23	1013.5	1010.9	+0.0	26.0	16.2	7.2	10.9	31	- 7	0.8	-0.9	10.8	0	0	31	09	17	1	0	0	0	1	3	0	0
	2330	23	1015.4	1012.8	..	18.8	14.4	10.4	12.6	59	..	0.4	..	7.0	0	0	28	07	13	1	0	1	1	0	5	2	0
DWARKA	0830	11	1016.4	1015.1	-0.5	19.3	14.3	9.7	12.0	56	- 7	0.6	-1.1	12.4	0	4	26	06	15	8	0	0	0	0	4	1	0
	1730	11	1013.7	1012.4	-0.1	25.6	18.5	7.9	10.7	36	- 7	0.9	-0.4	13.5	0	3	28	11	9	2	0	0	0	1	8	0	0
RAJKOT	0530	138	1014.4	998.2	..	15.0	10.0	2.7	7.4	46	..	0.0	..	7.9	0	2	20	00	12	3	1	0	0	1	5	9	0
	0830	138	1016.2	1000.1	-0.5	17.1	11.0	3.3	7.7	42	- 7	0.1	-1.2	7.5	0	1	22	00	15	3	1	0	0	1	1	8	2
	1130	138	1015.8	1000.1	..	26.2	15.4	4.1	8.2	26	..	0.2	..	17.8	0	15	16	01	20	6	0	0	0	0	4	0	0
	1430	138	1012.6	997.1	..	28.9	16.5	3.3	7.7	22	..	0.4	..	13.8	0	8	22	02	11	6	1	0	0	0	6	1	4
	1730	138	1012.3	996.8	-0.4	28.1	16.1	3.2	7.7	22	- 3	0.3	-1.0	15.1	0	9	20	03	16	1	1	0	0	1	7	2	0
BHAVNAGAR AERODROME	0830	11	1016.1	1014.8	-0.5	16.9	11.7	5.9	9.3	48	+ 4	1.5	+0.2	12.1	0	3	27	00	0	1	0	1	0	11	17	1	0
	1130	11	1016.1	1014.9	..	24.6	16.8	10.1	12.3	42	..	0.9	..	17.4	0	12	18	06	14	2	2	1	0	1	4	0	0
PORBANDER AERODROME	1730	11	1012.6	1011.4	-0.3	27.9	17.6	8.9	11.4	31	- 3	1.1	-0.4	16.6	0	12	18	07	15	5	1	2	0	0	0	1	0
	0830	7	1015.9	1015.1	-0.2	19.3	13.0	5.8	9.2	46	-16	0.7	-0.8	11.3	0	8	17	03	12	3	2	2	0	0	3	6	0
	1130	7	1016.1	1015.3	..	28.2	17.0	6.2	9.5	27	..	0.6	..	19.4	0	19	11	02	16	5	1	0	1	0	5	1	0
	1730	7	1012.7	1011.9	-0.5	27.7	18.1	9.0	11.5	36	-13	1.0	-0.7	19.4	0	15	16	06	3	0	1	0	10	9	2	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I. S. T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	Wind Speed (Km. p. h.) 62 or more	Wind Speed (Km. p. h.) 20 to 61	Wind Speed (Km. p. h.) 1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
SAURASHTRA AND KUTCH(INCLUDING DIU)																											
KESHOD	0830	51	1015.9	1009.9	-0.3	17.0	10.9	3.3	7.7	44	- 8	0.8	-0.6	12.8	0	4	27	01	20	10	0	0	0	0	0	0	0
	1130	51	1016.0	1010.2	..	26.7	15.2	3.1	7.6	23	..	0.5	..	18.7	0	13	18	03	14	13	1	0	0	0	0	0	0
	1730	51	1012.2	1006.4	-0.3	28.6	16.4	3.9	8.1	23	- 5	0.7	-0.6	15.4	0	7	24	08	9	4	0	0	4	6	0	0	0
MAHUVA	0830	9	1014.9	1013.9	..	18.6	12.7	6.7	9.8	46	..	1.4	..	4.5	0	0	28	13	15	0	0	0	0	0	0	3	0
	1730	9	1011.8	1010.8	..	27.6	18.6	11.3	13.4	39	..	1.7	..	5.1	0	0	31	03	4	9	12	2	1	0	0	0	0
VERAVAL	0230	8	1013.7	1012.8	..	18.3	13.9	9.2	11.6	58	..	0.2	..	10.4	0	1	27	12	15	0	0	0	0	1	0	3	0
	0530	8	1013.3	1012.4	..	17.6	13.0	8.0	10.7	56	..	0.2	..	12.5	0	6	22	11	16	1	0	0	0	0	0	3	0
	0830	8	1015.3	1014.4	-0.6	19.3	13.7	7.9	10.7	50	+ 3	0.9	-0.4	11.1	0	2	28	08	20	1	0	0	0	1	0	1	0
	1130	8	1015.5	1014.6	..	28.1	18.2	9.9	12.2	34	..	0.9	..	12.6	0	7	22	06	8	5	2	3	0	3	2	2	0
	1430	8	1012.6	1011.7	..	28.3	21.3	16.3	18.5	51	..	1.0	..	16.0	0	9	22	02	3	0	1	4	8	10	3	0	0
	1730	8	1012.4	1011.5	-0.2	26.3	21.4	17.8	20.4	63	+ 3	1.4	+0.2	14.1	0	7	24	03	2	0	1	5	7	9	4	0	0
	2030	8	1014.2	1013.3	..	23.1	19.3	16.2	18.4	68	..	0.6	..	6.6	0	1	17	05	1	1	0	1	0	3	7	13	0
	2330	8	1014.5	1013.6	..	19.9	15.8	11.9	13.9	62	..	0.3	..	7.9	0	0	25	13	7	0	0	0	0	1	4	6	0
DIU	0830	15	1016.0	1014.2	..	21.0	14.5	6.9	11.4	47	..	0.8	..	6.0	0	3	23	15	7	2	0	0	0	1	1	5	0
	1730	15	1013.0	1011.2	..	25.7	20.7	17.6	20.1	62	..	1.0	..	11.6	0	1	30	03	2	9	2	5	5	5	0	0	0
KONKAN (INCLUDING GOA)																											
DAHANU	0830	5	1014.4	1013.8	-0.4	19.9	18.0	15.9	18.9	77	+10	0.2	-1.3	5.1	0	0	27	02	7	12	5	0	0	0	1	4	0
	1730	5	1011.3	1010.8	-0.7	26.4	24.1	22.9	27.9	82	+11	0.3	-1.0	10.0	0	1	30	12	3	0	0	0	0	2	14	0	0
BOMBAY(SANTACRUZ)	0230	14	1012.3	1010.6	..	20.2	16.8	14.4	16.4	71	..	1.3	..	1.5	0	0	8	00	7	0	0	0	0	0	1	23	0
	0530	14	1012.3	1010.6	..	19.5	16.1	13.4	15.4	69	..	0.9	..	4.6	0	0	21	02	2	15	1	0	0	0	1	9	0
	0830	14	1014.5	1012.8	-0.4	23.1	17.3	12.9	14.9	54	- 8	2.1	+0.7	5.0	0	0	22	01	6	13	1	0	0	0	1	9	0
	1130	14	1014.3	1012.6	..	29.6	18.8	11.1	13.2	32	..	1.3	..	8.1	0	1	29	01	8	13	0	2	0	3	2	1	1
	1430	14	1010.7	1009.6	..	30.8	20.3	12.9	14.9	35	..	1.7	..	13.0	0	2	29	00	3	2	2	1	1	13	9	0	0
	1730	14	1011.3	1009.7	-0.5	27.5	20.5	16.0	18.2	50	+ 0	2.0	+0.5	12.8	0	0	31	06	0	0	0	0	0	0	25	0	0
	2030	14	1013.2	1011.5	..	24.5	19.5	16.1	18.3	60	..	1.5	..	12.2	0	0	30	12	1	0	0	0	0	0	17	1	0
	2330	14	1013.3	1011.6	..	21.8	17.9	15.1	17.1	66	..	1.6	..	3.5	0	0	21	08	5	3	0	1	0	0	4	10	0
BOMBAY	0830	11	1014.3	1013.1	-0.1	22.6	19.7	18.0	20.6	76	+ 6	1.7	+0.4	7.6	0	0	29	04	14	11	0	0	0	0	0	1	0
	1130	11	1014.2	1013.0	..	28.3	21.8	18.1	20.8	55	..	1.1	..	6.3	0	0	28	03	9	11	2	0	0	0	2	3	1
	1730	11	1011.2	1010.0	-0.3	27.0	22.6	20.3	23.8	67	+ 3	1.9	+0.4	13.6	0	5	25	09	0	0	0	0	1	2	18	0	0
ALIBAG	0830	7	1014.1	1013.3	-0.5	22.3	18.3	15.6	17.7	67	- 1	2.2	+0.7	4.7	0	0	27	01	8	16	2	0	0	0	0	4	0
BHIRA	0830	96	1013.8	1002.7	..	20.6	15.9	11.9	13.9	63	..	1.8	..	3.0	0	0	20	01	6	1	6	0	1	3	2	11	0
	1730	96	1009.9	999.1	..	29.0	20.5	14.8	16.8	43	..	1.4	..	2.1	0	0	21	00	0	1	14	1	2	3	0	10	0
HARNAI	0830	20	1016.8	1014.5	+2.8	25.5	19.3	15.6	17.7	58	+ 1	0.9	-1.2	10.3	0	7	8	00	0	15	0	0	0	0	0	16	0
	1730	20	1010.3	1008.4	-0.5	27.9	23.9	21.0	24.9	67	- 1	0.9	-0.9	16.0	0	7	22	00	0	0	0	0	0	22	7	2	0
RATNAGIRI	0830	35	1013.6	1009.6	-0.5	23.3	18.3	14.7	16.7	60	- 1	3.6	+1.6	8.6	0	1	29	00	1	11	10	0	0	0	0	1	8
	1730	35	1010.3	1006.4	-0.6	28.8	22.2	18.5	21.3	55	- 3	3.5	+1.5	8.5	0	1	30	01	0	0	0	0	1	15	14	0	0
DEVGARH	0830	36	1013.6	1009.5	-0.5	23.8	19.5	16.7	19.0	65	- 2	2.6	+0.5	9.3	0	2	29	00	10	21	0	0	0	0	0	0	0
	1730	36	1010.1	1006.1	-0.5	29.1	23.0	19.6	22.8	57	- 3	2.6	+0.5	20.6	0	16	15	01	0	0	0	0	1	7	22	0	0
VENGURLA	0230	9	1012.0	1011.0	..	21.1	19.2	17.9	20.5	82	..	0.8	..	2.4	0	0	19	17	1	0	0	0	0	0	1	12	0
	0530	9	1011.7	1010.7	..	19.9	18.3	17.3	19.7	85	..	0.7	..	2.6	0	0	18	16	0	1	1	0	0	0	0	13	0
	0830	9	1014.0	1013.0	-0.3	22.9	19.3	16.9	19.3	70	- 1	1.5	-0.1	3.4	0	0	21	12	4	2	1	0	0	1	1	10	0
	1130	9	1013.5	1012.5	..	30.3	20.9	14.8	16.8	40	..	1.5	..	5.7	0	0	29	03	12	6	3	0	3	0	2	2	0
	1730	9	1010.4	1009.4	-0.4	29.1	22.4	18.6	21.4	54	- 3	2.3	+0.6	6.0	0	0	31	01	1	2	0	0	7	15	5	0	0
	2330	9	1012.7	1011.7	..	22.5	20.2	18.8	21.7	80	..	1.2	..	4.0	0	0	24	18	4	0	0	0	0	0	2	6	0
PANJIM	0530	60	1011.2	1004.3	..	21.5	19.4	18.0	20.6	81	..	1.9	..	9.7	0	0	31	01	12	18	0	0	0	0	0	0	0
	0830	60	1013.4	1006.5	..	22.5	19.2	17.0	19.4	72	..	4.2	..	9.7	0	0	29	01	18	10	0	0	0	0	0	2	0
	1130	60	1012.8	1006.1	..	29.2	20.7	14.5	16.5	42	..	4.2	..	9.2	0	2	26	01	15	7	0	1	0	3	1	3	0
	1430	60	1009.8	1003.1	..	31.4	21.6	15.4	17.5	39	..	3.9	..	12.9	0	4	27	02	5	6	1	0	8	5	4	0	0
	1730	60	1009.8	1003.1	..	28.8	22.0	18.2	20.9	53	..	4.4	..	13.2	0	4	27	00	2	0	0	0	10	15	4	0	0
	2030	60	1011.9	1005.1	..	25.9	21.6	18.9	21.8	67	..	2.7	..	6.7	0	0	28	12	5	2	0	0	2	2	5	3	0
	2330	60	1012.0	1005.2	..	24.1	20.9	19.0	22.0	74	..	2.5	..	7.9	0	0	30	10	10	7	2	0	0	0	1	1	0
MORMUGAO	0530	62	1010.9	1003.9	..	23.3	20.3	18.4	21.1	75	..	2.4	..	9.5	0	0	31	02	4	22	3	0	0	0	0	0	0
	0830	62	1013.1	1006.1	-0.6	24.9	20.0	16.9	19.3	62	+ 0	3.6	+1.4	8.3	0	0	31	00	2	28	1	0	0	0	0	0	0
	1130	62	1012.7	1005.7	..	29.0	20.9	15.8	17.9	46	..	4.1	..	9.7	0	1	29	03	7	17	0	2	0	0	1	1	0
	1730	62	1009.5	1002.7	-0.3	28.6	22.4	19.0	22.0	57	- 3	4.3	+1.9	13.0	0	3	28	00	0	2	0	3	8	11	7	0	0
DABOLIM(NAVAL AIR STN.)	0530	52	1011.4	1005.5	..	22.3	19.3	17.2	19.6	74	..	2.3	..	7.7	0	0	22	01	16	5	0	0	0	0	0	9	0
	0830	52	1013.6	1007.7	..	24.6	19.0	15.0	17.0	57	..	3.3	..	10.3	0	3	23	01	18	7	0	0	0	0	0	5	0
	1130	52	1013.3	1007.5	..	29.6	20.6	14.6	16.6	41	..	3.7	..	11.3	0	1	29	02	7	14	3	2	1	0	1	1	0
	1730	52	1010.0	1004.2	..	28.9	22.0	18.1	20.8	52	..	4.0	..	15.7	0	5	26	00	2	1	0	0	4	15	9	0	0
	2330	52	1012.3	1006.5	..	24.7	21.2	19.2	22.2	72	..	2.7	..	7.0	0	0	20	07	9	3	0	0	0	0	1	11	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – DECEMBER, 1968 (AGRAHAYANA 10 – PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or bt. in gms. of normal standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Kts. per hour	No. of observations: Wind Speed (Kts. p. h.) 42 or more	20 to 41	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADHYA MAHARASHTRA																											
NANDURBAR	0830	206	1016.0	990.7	-2.1	21.5	14.6	8.8	11.3	44	- 6	0.5	-1.0	1.0	0	0	3	00	2	0	1	0	0	0	0	28	0
	1730	206	1012.4	989.2	+0.4	28.2	19.2	13.1	15.1	39	+ 0	1.1	-0.6	1.0	0	0	8	00	5	0	0	0	0	0	2	23	0
JALGAON	0830	201	1016.9	993.3	+0.3	17.2	12.1	6.7	9.8	51	-12	1.4	+0.0	9.9	0	0	30	00	3	17	7	1	1	1	0	1	0
	1730	201	1011.8	989.3	-0.3	29.1	17.5	7.4	10.3	26	- 5	1.6	+0.1	8.1	0	0	29	00	3	18	1	0	0	5	2	2	0
MALEGAON	0830	437	1018.2	967.6	+1.2	16.3	11.4	5.9	9.3	50	- 6	1.1	-0.5	4.2	0	0	27	02	0	0	2	0	10	5	8	4	0
	1730	437	1015.0	966.5	+3.7	28.1	16.7	6.8	9.9	30	+ 0	1.3	-0.7	4.5	0	0	28	03	10	5	2	2	0	1	4	3	0
OZAR	0230	608	1014.7	944.9	..	14.1	10.2	8.2	9.5	60	..	1.7	..	3.4	0	1	10	02	0	0	2	1	0	2	4	20	0
	0530	608	1015.2	944.9	..	12.4	9.2	5.6	9.1	64	..	1.8	..	3.2	0	1	9	00	1	1	0	1	2	0	5	21	0
	0830	608	1016.5	947.0	..	16.3	11.2	5.9	9.3	51	..	2.0	..	1.9	0	0	8	01	1	3	2	0	0	0	1	23	0
	1130	608	1014.1	946.8	..	24.9	15.2	7.2	10.1	33	..	1.7	..	12.5	0	4	25	00	0	6	20	3	0	0	0	2	0
	1430	608	1010.3	943.8	..	27.5	16.3	7.0	10.0	28	..	2.4	..	10.4	0	0	30	01	4	3	10	3	3	4	0	1	2
	1730	608	1010.5	943.7	..	26.4	15.9	7.3	10.2	30	..	2.6	..	8.2	0	2	20	00	2	5	9	0	0	3	3	9	0
	2030	608	1013.9	945.4	..	19.9	13.2	7.2	10.1	45	..	2.1	..	6.9	0	1	17	00	2	4	1	0	0	2	9	13	0
	2330	608	1014.9	945.6	..	16.3	11.2	6.3	9.5	52	..	2.1	..	4.8	0	1	13	01	1	1	1	0	0	0	10	17	0
AHMADNAGAR	0830	657	1015.8	941.3	-0.6	17.2	11.6	6.7	9.8	44	- 8	2.7	+0.9	2.7	0	0	16	01	2	0	4	0	1	0	8	15	0
	1730	657	1010.0	938.4	-0.1	27.3	16.6	8.2	10.9	30	- 4	2.8	+0.8	8.1	0	0	30	00	20	0	4	1	3	0	2	1	0
POONA AERODROME	0230	593	1013.7	946.3	..	17.3	12.4	7.9	10.7	55	..	1.1	..	3.2	0	0	12	00	1	3	1	0	1	5	1	19	0
	0530	593	1014.2	946.4	..	15.5	11.7	8.1	10.8	63	..	1.4	..	4.9	0	0	16	01	2	4	1	0	0	6	2	15	0
	0830	593	1015.9	948.3	..	17.6	12.7	8.5	11.1	57	..	2.8	..	7.3	0	1	20	01	2	11	1	0	0	6	0	10	0
	1130	593	1013.8	948.2	..	25.8	16.0	8.0	10.7	33	..	2.4	..	16.2	0	11	20	01	0	22	6	2	0	0	0	0	0
	1730	593	1009.7	944.8	..	27.7	16.4	7.1	10.1	28	..	3.1	..	15.6	0	7	24	00	4	18	1	1	1	4	2	0	0
	2330	593	1014.1	947.0	..	19.1	12.9	7.4	10.3	47	..	1.5	..	7.7	0	0	24	02	1	7	1	0	0	9	4	7	0
POONA	0530	559	1015.5	950.6	..	11.7	10.1	8.7	11.2	92	..	0.9	..	0.0	0	0	0	00	0	0	0	0	0	0	0	0	31	0
	0830	559	1016.7	952.6	+0.0	16.2	12.7	9.9	12.2	67	+ 4	3.0	+1.3	0.1	0	0	1	00	0	1	0	0	0	0	0	29	0
	1130	559	1014.0	952.1	..	25.5	16.7	10.0	12.3	39	..	2.3	..	5.8	0	0	23	00	3	16	3	1	0	0	0	8	0
	1430	559	1010.1	948.9	..	28.2	17.5	9.6	11.9	32	..	3.3	..	5.7	0	0	25	00	1	17	2	1	0	4	0	6	0
	1730	559	1010.3	948.9	+0.0	27.1	17.3	10.2	12.4	37	+ 4	3.4	+1.4	2.5	0	0	11	00	0	5	1	0	0	5	0	20	0
	2030	559	1014.0	950.9	..	19.7	14.4	10.1	12.3	54	..	2.2	..	0.5	0	0	3	00	0	0	0	0	0	2	1	28	0
	2330	559	1015.0	951.0	..	16.0	12.5	9.5	11.9	66	..	1.5	..	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
JEUR	0830	521	1016.4	956.9	+0.0	18.6	13.9	10.3	12.5	59	+ 0	1.5	-0.1	2.2	0	0	30	09	4	9	1	7	0	0	0	1	0
	1730	521	1010.5	953.5	+0.2	28.2	19.7	14.8	16.8	45	+10	1.4	-0.6	2.1	0	0	31	05	6	7	1	6	4	2	0	0	0
BARAMATI	0830	551	1016.4	953.5	-0.3	16.7	13.0	10.0	12.3	65	- 1	1.7	+0.3	4.2	0	0	27	02	1	4	6	0	1	2	6	9	0
	1730	551	1009.8	949.6	-0.4	28.2	19.7	14.6	16.6	44	+ 4	2.0	+0.0	9.0	0	1	29	03	3	5	9	4	2	2	1	1	0
SHOLAPUR	0530	479	1014.0	959.2	..	17.5	12.7	8.5	11.1	56	..	1.0	..	6.2	0	1	28	00	10	5	10	1	1	0	1	2	0
	0830	479	1016.0	961.6	+0.0	20.4	14.1	8.8	11.3	48	- 6	1.9	+0.1	6.5	0	0	30	00	13	2	11	0	3	0	1	1	0
	1130	479	1013.9	960.9	..	27.1	17.4	10.5	12.7	36	..	2.8	..	8.7	0	3	28	00	7	6	11	3	3	1	0	0	0
	1430	479	1009.9	957.4	..	29.7	18.1	9.7	12.0	29	..	3.7	..	9.2	0	3	28	02	8	7	6	1	4	1	2	0	0
	1730	479	1009.9	957.4	-0.2	29.0	17.8	9.6	11.9	30	- 2	3.3	+1.0	7.4	0	0	31	05	10	3	7	2	4	0	0	0	0
	2330	479	1013.4	959.4	..	22.0	14.5	8.2	10.9	42	..	1.8	..	8.3	0	1	28	00	16	5	3	1	1	1	1	2	0
MIRAJ	0830		..	..	..	19.3	15.7	13.2	15.2	68	+ 3	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	28.4	19.6	14.3	16.3	43	+ 7	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..
KOLHAPUR	0530	570	1013.5	948.5	-0.5	16.2	13.1	10.3	12.5	71	+35	1.0	-1.2	2.4	0	0	10	00	3	7	0	0	0	0	0	21	0
	0830	570	1015.3	950.7	-0.6	18.3	14.1	10.9	13.0	63	+ 3	2.9	+1.3	3.3	0	0	14	00	5	8	1	0	0	0	0	17	0
	1130	570	1013.6	950.6	..	25.5	17.1	11.0	13.1	42	..	3.5	..	12.1	0	2	29	00	4	18	7	0	0	0	0	1	2
	1730	570	1009.2	946.9	-0.5	28.0	17.1	9.3	11.7	32	+ 0	4.2	+1.9	11.7	0	1	29	00	8	9	5	0	0	6	1	1	1
	2330	570	1013.1	948.8	..	20.4	15.0	10.9	13.0	55	..	2.0	..	3.5	0	0	16	00	8	6	0	0	0	1	1	15	0
NASIK	0830		..	..	..	17.7	12.2	7.2	10.1	52	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
SANGLI	0830	549	1015.6	953.1	..	17.0	13.7	10.4	12.6	63	..	2.8	..	4.2	0	0	26	07	3	4	0	3	0	5	4	5	0
	1730	549	1008.9	949.0	..	28.6	17.5	9.0	11.5	30	..	3.3	..	9.3	0	2	28	03	6	8	3	2	1	6	1	1	0
MARATHWADA																											
AURANGABAD	0830	581	1016.8	950.9	+0.0	18.4	12.1	6.1	9.4	45	-10	2.2	+0.4	3.8	0	0	19	00	3	16	0	0	0	0	0	12	0
	1730	581	1013.5	949.6	+2.1	27.2	15.9	6.5	9.7	27	- 6	2.5	+0.4	5.2	0	0	24	03	8	5	2	1	1	4	0	7	0
AURANGABAD (CHIKALTHAN)	0230	579	1015.3	948.4	..	13.0	9.4	5.6	9.1	61	..	1.5	..	1.5	0	0	6	01	1	2	0	0	0	2	0	25	0
	0530	579	1015.9	948.6	..	11.6	8.4	4.8	8.6	64	..	1.4	..	2.2	0	0	9	00	2	3	1	0	0	3	0	22	0
	0830	579	1016.8	950.7	-0.2	17.3	11.9	6.6	9.7	50	- 5	2.5	+0.9	5.5	0	0	17	00	5	3	7	0	2	0	0	14	0
	1130	579	1014.6	950.3	..	25.3	15.6	7.5	10.4	33	..	1.7	..	15.7	0	5	26	01	4	9	13	2	0	1	1	0	0
	1430	579	1010.7	947.3	..	27.6	16.7	7.8	10.6	30	..	2.3	..	14.0	0	1	30	01	2	14	7	3	1	2	0	0	1
	1730	579	1010.8	947.1	-0.5	26.7	16.5	8.2	10.9	32	- 7	2.6	+0.5	10.4	0	0	29	01	5	9	10	1	2	3	0	2	0
	2030	579	1014.7	949.3	..	18.5	12.6	7.4	10.3	49	..	2.1	..	4.3	0	0	15	03	8	0	0	2	1	0	1	16	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry Bulb	Mean temperature in °C: Wet Bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.): 62 or more	20 to 61	1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MARATHWADA																											
AURANGABAD (CHIKALTHAN)	2330	579	1015.6	949.1	..	14.9	10.4	5.9	9.3	55	..	1.8	..	3.0	0	1	5	02	1	0	2	0	0	1	0	25	0
PARBHANI	0830	423	1017.1	968.4	-0.4	18.1	12.1	5.6	9.1	45	-10	2.3	+0.7	4.3	0	0	27	06	6	9	3	0	0	3	0	4	0
	1730	423	1011.3	964.6	-0.6	27.8	16.4	5.8	9.2	26	-10	2.8	+0.7	7.6	0	0	31	04	6	16	3	1	0	1	0	0	0
NANDER	0830	358	1017.2	975.9	..	18.8	13.7	9.1	11.5	53	..	1.2	..	2.4	0	0	14	00	5	1	1	0	1	3	3	17	0
	1730	358	1011.3	971.5	..	27.8	18.1	10.5	12.7	34	..	1.9	..	4.6	0	0	26	00	14	0	6	0	1	1	4	5	0
BIR	0830	519	1017.2	957.5	..	15.9	12.6	9.9	12.2	69	..	3.0	..	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
	1730	519	1011.8	954.1	..	26.2	17.2	10.9	13.0	39	..	2.3	..	3.4	0	0	25	01	21	0	0	0	3	0	0	6	0
VIDARBHA																											
GONDIA	0830	313	1017.8	981.3	-0.6	16.4	12.6	8.9	11.5	62	-6	1.4	-0.1	0.9	0	0	11	02	3	1	1	1	0	0	2	20	1
	1730	313	1013.0	977.7	-0.4	24.8	16.6	9.8	12.3	41	+1	1.1	-0.6	0.9	0	0	12	06	1	1	1	1	1	1	0	19	0
NAGPUR (SONEGAON)	0230	310	1015.1	978.7	..	14.4	11.2	7.9	10.7	66	..	0.8	..	2.5	0	0	14	10	1	1	0	0	0	0	2	17	0
	0530	310	1015.4	978.9	..	13.0	10.4	7.1	10.5	70	..	1.0	..	2.4	0	0	18	09	2	1	0	0	0	1	5	13	0
	0830	310	1017.5	981.5	-0.3	17.5	12.5	7.4	10.5	53	-11	1.9	+0.5	4.7	0	0	25	09	8	4	1	0	0	0	3	6	0
	1130	310	1015.7	980.5	..	24.8	15.9	7.9	10.9	36	..	1.8	..	7.3	0	1	29	01	11	13	3	0	2	0	0	1	0
	1430	310	1012.2	977.5	..	27.1	16.7	7.3	10.6	31	..	2.3	..	8.4	0	2	29	02	11	11	3	1	1	0	2	0	0
	1730	310	1012.7	977.7	-0.4	24.3	15.9	8.5	11.2	38	-4	2.3	+0.3	4.5	0	0	27	01	6	13	5	0	1	1	0	4	0
	2030	310	1015.2	979.4	..	18.5	13.5	8.7	11.4	54	..	1.1	..	2.6	0	0	16	01	6	8	0	0	0	0	1	15	0
	2330	310	1015.3	979.2	..	16.0	12.2	8.3	11.2	61	..	0.8	..	2.8	0	0	18	09	2	4	1	0	0	0	2	13	0
AMRAOTI	0830	370	1016.8	974.4	+0.1	19.7	12.3	4.1	8.3	38	-12	1.7	+0.2	2.8	0	0	29	06	12	9	1	0	1	0	0	2	0
	1730	370	1012.0	970.7	-0.4	26.9	15.8	5.2	9.0	26	-7	1.6	-0.6	3.5	0	0	28	03	4	10	8	0	0	1	2	3	0
AKOLA AERODROME	0530	309	1014.4	978.2	..	14.3	9.5	4.1	8.1	49	..	1.9	..	6.6	0	0	30	01	5	20	1	2	0	0	1	1	0
	0830	309	1016.3	980.4	..	17.6	11.3	4.0	8.3	42	..	3.1	..	6.8	0	0	29	00	11	7	4	5	1	1	0	2	0
	1130	309	1015.1	980.2	..	25.5	15.0	5.1	8.5	27	..	2.8	..	8.2	0	0	31	02	10	12	3	1	0	1	2	0	0
	1430	309	1011.1	976.7	..	28.8	16.2	3.3	8.2	21	..	2.8	..	7.5	0	0	31	05	13	8	1	2	0	1	1	0	0
	1730	309	1011.1	976.5	..	27.2	15.8	4.3	8.7	24	..	2.8	..	7.0	0	0	29	09	15	3	0	0	0	2	0	2	0
	2030	309	1013.3	978.0	..	22.2	13.5	4.3	8.5	32	..	2.0	..	5.9	0	0	27	03	5	11	5	0	0	1	2	4	0
	2330	309	1014.0	979.3(?)	..	19.1	11.9	3.5	8.2	36	..	1.9	..	7.6	0	0	30	01	7	12	6	1	0	0	3	1	0
AKOLA	0830	282	1017.2	984.3	+0.3	16.9	11.8	6.2	9.7	51	-9	1.9	+0.3	2.5	0	0	17	00	12	0	4	0	0	0	1	14	0
	1730	282	1012.2	980.6	+0.5	27.5	16.9	7.4	10.7	29	-3	1.8	+0.1	5.6	0	0	25	00	21	0	1	0	0	0	3	6	0
BRAMHAPURI	0830	229	1017.6	990.8	-0.1	16.1	12.8	9.6	12.1	66	-8	2.1	+0.2	3.9	0	0	28	15	7	2	1	1	0	0	2	3	0
	1730	229	1012.9	987.1	-0.3	26.1	16.7	8.4	11.4	34	-7	2.3	+0.3	3.0	0	0	24	08	7	8	0	1	0	0	0	7	0
BULDANA	0830	650	1016.4	942.9	+0.0	18.9	12.9	7.7	10.5	49	-4	2.0	+0.5	8.5	0	0	30	02	1	5	11	8	2	0	1	1	0
	1730	650	1011.2	939.7	-0.4	25.3	16.5	9.8	12.3	38	+1	2.3	+0.5	5.2	0	0	31	02	15	0	13	0	0	0	1	0	0
YEOTMAL	0830	451	1016.7	965.1	-0.3	19.6	12.3	4.2	8.4	38	-14	2.2	+0.4	7.0	0	0	30	01	7	18	3	0	0	0	1	1	0
	1730	451	1011.9	961.6	-0.5	25.6	15.4	5.3	9.3	29	-8	2.1	+0.0	5.3	0	0	25	01	11	10	1	0	1	1	0	6	0
CHANDRAPUR	0830	193	1016.9	994.2	-0.5	15.7	12.8	10.1	12.4	70	-5	2.2	+0.6	1.2	0	0	8	01	1	3	1	1	0	0	1	23	0
	1730	193	1012.2	990.3	-0.5	26.0	17.1	9.9	12.3	37	-10	2.5	+0.7	2.3	0	0	14	07	8	3	0	1	0	0	0	17	0
PUSAD	0830	334	1018.0	979.1	..	16.6	13.9	11.2	13.7	72	..	2.7	..	2.1	0	0	31	00	6	0	5	1	4	0	15	0	0
	1730	334	1012.5	975.2	..	27.8	18.8	12.2	14.4	41	..	2.1	..	4.0	0	0	31	00	19	2	5	0	2	0	3	0	0
SIRONCHA	0830	123	1017.0	1002.6	-0.1	18.4	17.3	16.4	18.8	88	+10	2.1	+0.3	1.4	0	0	19	11	1	0	2	2	0	0	3	12	0
	1730	123	1012.5	998.6	-0.5	27.6	25.1	23.9	29.7	81	+34	2.4	+0.3	1.4	0	0	17	07	2	5	2	0	1	0	0	14	0
WARDHA	0830	283	1017.0	984.3	..	20.0	13.3	6.3	9.9	42	..	1.0	..	3.4	0	0	31	11	15	4	0	0	0	0	1	0	0
	1730	283	1012.3	980.4	..	26.0	15.8	6.0	9.7	29	..	0.7	..	3.3	0	0	31	10	11	3	4	2	0	0	1	0	0
BHANDARA	0830		..	..	..	18.0	13.0	8.1	10.9	53	..	.	..	6.1	0	0	28	00	17	0	7	0	0	0	0	3	4
	1730		..	..	..	23.6	15.6	8.3	11.2	39	..	.	..	3.5	0	0	27	00	24	0	1	0	0	0	0	4	2
COASTAL ANDHRA PRADESH																											
KALINGAPATAM	0830	6	1016.3	1015.6	+0.0	21.8	18.7	16.6	19.0	73	-7	1.7	-1.0	6.9	0	0	26	12	3	0	0	0	0	0	9	5	2
	1730	6	1012.9	1012.2	-0.2	24.5	20.1	17.4	20.0	65	-1	1.6	-1.1	15.2	0	4	27	09	9	1	2	2	0	0	0	0	8
VISHAKHAPATNAM	0230	3	1013.6	1013.2	..	20.8	18.5	16.9	19.5	79	..	2.3	..	2.9	0	0	13	02	2	4	0	0	0	0	5	18	0
	0530	3	1014.0	1013.6	..	20.2	17.9	16.2	18.6	79	..	2.7	..	2.3	0	0	11	02	1	1	0	0	0	2	5	20	0
	0830	3	1016.3	1015.9	+0.2	23.7	19.2	16.3	18.5	64	-6	2.6	+0.1	4.6	0	0	20	01	5	3	0	1	0	2	8	11	0
	1130	3	1015.0	1014.6	..	27.8	20.2	15.2	17.5	47	..	3.3	..	12.4	0	4	27	01	6	13	8	0	2	0	0	0	1
	1430	3	1012.3	1011.9	..	27.7	20.2	15.3	17.6	48	..	3.3	..	18.8	0	17	14	00	2	11	16	1	1	0	0	0	0
	1730	3	1013.1	1012.7	+0.1	25.1	19.8	16.4	18.8	59	-15	4.2	+1.5	14.1	0	5	26	00	1	17	12	1	0	0	0	0	0
	2030	3	1014.9	1014.5	..	23.3	19.7	17.4	20.0	70	..	2.8	..	5.7	0	0	26	00	7	15	1	0	1	0	2	5	0
	2330	3	1014.7	1014.3	..	21.8	19.1	17.4	20.0	77	..	2.3	..	3.5	0	0	21	01	4	3	0	0	1	2	10	10	0
KAKINADA	0830	8	1015.7	1014.8	-0.4	25.0	20.8	18.3	21.1	67	-4	3.2	+1.0	11.0	0	6	21	04	20	1	0	0	0	0	2	4	0
	1730	8	1012.6	1011.7	-0.2	25.9	21.4	18.8	21.8	66	-3	3.5	+1.3	16.7	0	7	24	00	8	16	7	0	0	0	0	0	0
NIDADAVOLE	0830	12	1016.1	1014.7	-0.4	22.0	19.3	17.7	20.2	77	-1	3.7	+0.1	7.2	0	0	31	19	8	2	0	0	0	1	1	0	0
	1730	12	1012.9	1011.4	+0.1	26.4	20.6	16.8	19.5	56	-2	4.8	+0.5	9.5	0	1	30	00	0	22	6	2	0	0	1	0	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

Sub-division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.: At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mbs.: At station level	Mean pressure in mbs.: Departure from normal	Mean temperature in °C: Dry bulb	Mean temperature in °C: Wet bulb	Mean temperature in °C: Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas): Mean amount	Cloud Amount (Oktas): Departure from normal	Mean wind speed Km. per hour	Wind Speed (Km. p. h.): 62 or more	Wind Speed (Km. p. h.): 20 to 61	Wind Speed (Km. p. h.): 1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
COASTAL ANDHRA PRADESH																											
RENTACHINTALA	0830	106	1015.9	1003.6	+0.0	21.5	18.7	16.5	19.3	75	+ 2	3.1	+0.2	0.3	0	0	4	01	0	0	0	2	0	1	0	27	0
	1730	106	1011.6	999.6	+0.0	27.7	20.8	16.5	18.6	51	+10	3.9	+0.9	0.6	0	0	9	00	0	1	0	4	0	4	0	22	0
GANNAVARAM	0230	24	1013.0	1010.2	..	20.6	18.9	17.8	20.5	84	..	2.5	..	5.4	0	1	19	05	10	4	1	0	0	0	0	11	0
	0530	24	1013.4	1010.6	..	20.3	18.5	17.3	20.0	84	..	3.2	..	4.7	0	1	15	04	8	4	0	0	0	0	0	15	0
	0830	24	1015.8	1013.0	-0.5	23.0	19.9	17.9	20.8	74	+ 3	3.9	+1.7	10.0	0	1	27	06	14	6	0	0	0	0	2	3	0
	1130	24	1014.7	1011.9	..	27.5	21.1	17.4	19.7	55	..	3.9	..	13.2	0	3	28	04	12	9	4	0	0	1	1	0	0
	1430	24	1011.5	1008.8	..	28.8	21.4	18.8	19.5	49	..	4.3	..	15.1	0	5	25	01	7	12	7	3	0	0	0	1	0
	1730	24	1012.0	1009.3	-0.5	26.6	20.7	16.9	19.6	56	+ 0	4.3	+1.6	9.2	0	0	28	01	5	11	11	0	0	0	0	3	0
	2030	24	1014.2	1011.4	..	22.9	20.0	18.3	21.0	76	..	2.9	..	6.1	0	0	24	00	6	8	10	0	0	0	0	7	0
	2330	24	1014.1	1011.3	..	21.4	19.3	17.9	20.8	81	..	2.6	..	5.0	0	0	17	01	5	8	2	1	0	0	0	14	0
MASULIPATAM	0830	3	1015.6	1015.2	-0.3	22.7	20.3	18.8	22.1	79	+ 1	4.6	+2.1	5.0	0	0	30	07	15	3	1	0	0	0	4	1	0
	1730	3	1012.1	1011.7	-0.5	25.7	21.6	19.2	22.4	68	- 1	5.1	+2.5	5.9	0	0	31	00	3	18	9	0	1	0	0	0	0
ONGOLE	0830	12	1015.2	1013.9	-0.8	23.1	21.3	20.2	24.1	84	+ 6	1.8	-1.1	6.3	0	0	30	22	4	2	1	0	0	0	1	1	0
	1730	12	1011.9	1010.6	-0.5	26.2	22.7	20.8	24.7	73	+ 7	1.9	-0.8	7.1	0	0	31	01	3	26	1	0	0	0	0	0	0
NELLORE	0530	20	1012.8	1010.5	..	21.7	21.1	20.7	24.6	94	..	4.2	..	2.7	0	0	11	00	3	1	0	0	0	0	7	20	0
	0830	20	1015.2	1012.9	+0.0	23.4	22.2	21.5	25.8	89	+ 5	4.5	+0.5	6.6	0	0	31	00	6	0	1	0	0	0	24	0	0
	1130	20	1014.3	1012.0	..	27.1	23.1	21.1	25.0	70	..	5.3	..	8.6	0	0	31	02	13	0	4	0	0	1	11	0	0
	1430	20	1011.6	1009.4	..	27.8	23.0	20.5	24.1	65	..	4.9	..	8.9	0	0	31	00	16	1	4	0	0	1	9	0	0
	1730	20	1011.8	1009.6	-0.3	25.7	22.8	21.1	25.3	71	+ 1	5.2	+1.2	6.1	0	0	31	04	20	0	2	0	1	0	4	0	0
	2330	20	1013.7	1011.4	..	23.0	21.7	21.0	25.0	89	..	3.7	..	3.4	0	1	10	00	5	0	0	0	0	0	6	20	0
VISHAKHAPATNAM (SOLAR)	0830	66	1015.9	1008.3	..	23.9	18.8	15.3	17.6	60	..	4.2	..	5.2	0	0	26	07	14	2	1	0	1	0	1	5	0
TELANGANA																											
RAMGUNDAM	0830	156	1016.3	998.1	-0.6	19.7	14.9	11.4	13.0	59	- 9	2.2	+0.4	1.7	0	0	16	05	5	1	2	3	0	0	0	15	0
	1730	156	1012.0	994.6	-0.3	27.5	18.2	10.9	13.4	37	- 4	2.5	+0.5	2.5	0	0	31	01	24	3	2	0	0	1	0	0	0
NIZAMABAD	0830	381	1016.1	972.6	+0.1	18.9	14.6	11.0	13.1	59	- 8	1.9	+0.2	0.1	0	0	1	01	0	0	0	0	0	0	0	30	0
	1730	381	1011.0	968.7	-0.3	27.9	22.4	19.4	22.7	60	+27	3.5	+1.5	0.5	0	0	6	02	4	0	0	0	0	0	0	25	0
HANAMKONDA	0830	269	1016.2	985.2	-0.4	19.8	16.0	13.1	15.1	66	- 5	2.2	+0.3	1.0	0	0	16	09	0	0	0	6	1	0	0	15	0
	1730	269	1012.3	982.2	+0.1	27.2	18.6	12.1	14.5	40	- 1	1.1	-1.0	2.0	0	0	31	18	1	2	4	4	0	2	0	0	0
HAKIMPET AERODROME	0530	613	1014.1	944.6	..	17.1	13.8	11.2	13.1	70	..	3.0	..	7.9	0	0	29	02	10	12	4	0	0	1	0	2	0
	0830	613	1015.1	946.3	..	21.0	15.7	11.8	14.0	59	..	4.2	..	11.6	0	2	27	02	11	8	6	1	1	0	0	2	0
	1130	613	1013.4	945.7	..	25.7	17.4	11.6	13.8	43	..	3.5	..	13.9	0	5	26	00	12	10	6	1	2	0	0	0	0
	1730	613	1011.2	943.9	..	25.4	16.9	10.6	13.0	40	..	4.1	..	12.3	0	1	30	01	11	11	5	0	1	1	1	0	0
	2330	613	1014.0	945.1	..	19.8	15.0	11.4	13.6	59	..	2.9	..	9.1	0	0	26	03	8	11	4	0	0	0	0	5	0
BHADRACHALLAM	0830	111	1015.7	1002.7	-1.6	19.8	17.4	15.7	17.9	78	- 1	3.5	+0.6	2.2	0	0	31	00	31	0	0	0	0	0	0	0	0
	1730	111	1011.1	998.6	-1.7	28.2	19.6	13.8	15.8	42	- 8	3.7	+1.2	2.5	0	0	31	01	26	2	0	0	1	0	1	0	0
HYDERABAD (BEGAMPET)	0230	545	1013.9	951.9	..	17.2	14.1	11.7	13.8	70	..	1.7	..	4.1	0	0	22	04	5	6	7	0	0	0	0	9	0
	0530	545	1014.3	952.1	..	16.0	13.4	11.4	13.5	75	..	2.2	..	4.7	0	0	23	04	5	7	7	0	0	0	0	8	0
	0830	545	1016.2	954.3	-0.2	18.5	14.9	12.1	14.0	68	- 3	3.6	+1.1	6.0	0	0	24	03	5	4	9	2	1	0	0	7	0
	1130	545	1013.9	953.6	..	25.7	17.1	10.8	13.2	41	..	2.7	..	10.6	0	1	30	00	8	7	11	4	0	1	0	0	0
	1730	545	1010.9	950.9	-0.1	26.4	17.1	10.2	11.9	37	- 5	3.8	+1.3	9.4	0	0	31	02	5	13	9	1	1	0	0	0	0
	2330	545	1014.4	952.8	..	19.1	14.9	11.7	13.9	63	..	2.1	..	4.9	0	0	27	01	9	8	7	2	0	0	0	4	0
KHAMMAM	0830	112	1015.9	1003.0	-0.3	21.7	18.4	16.2	18.5	75	- 3	4.2	+2.1	1.8	0	0	13	01	1	6	2	2	1	0	0	18	0
	1730	112	1011.7	999.1	-0.6	28.7	19.9	14.0	16.0	42	- 2	3.3	+0.6	0.6	0	0	8	01	1	5	1	0	0	0	0	23	0
MAHBUBNAGAR	0830	505	1015.1	958.2	-0.6	22.2	16.6	12.7	14.8	56	-12	4.1	+1.2	5.6	0	0	27	00	11	13	3	0	0	0	0	4	0
	1730	505	1010.1	954.4	-1.0	28.3	17.3	10.1	11.9	33	-10	5.1	+2.2	7.7	0	1	26	00	6	17	1	2	0	1	0	4	0
RAYALASEEMA																											
KURNOOL	0830	281	1015.9	983.7	+0.2	22.2	17.9	14.9	17.0	62	-10	3.2	+0.9	4.9	0	0	29	00	13	0	9	0	6	0	0	2	1
	1730	281	1010.3	979.4	+0.0	28.7	19.0	11.7	14.1	37	+ 0	4.6	+1.8	5.2	0	0	29	00	13	0	13	0	0	0	1	2	2
NANDYAL	0830	212	1015.1	990.8	..	21.5	18.4	16.9	18.6	73	..	2.5	..	1.5	0	0	11	04	1	2	0	1	0	1	2	20	0
	1730	212	1010.5	986.8	..	28.4	20.1	14.3	16.7	44	..	4.2	..	9.8	0	0	31	01	4	18	2	5	1	0	0	0	0
ANANTAPUR	0530	350	1013.0	972.8	..	18.8	17.2	16.1	18.8	85	..	3.3	..	2.5	0	0	7	00	0	5	2	0	0	0	0	24	0
	0830	350	1015.1	975.2	-0.4	21.6	18.6	16.5	19.0	73	+ 1	4.1	+1.6	3.0	0	0	14	00	2	11	1	0	0	0	0	17	0
	1130	350	1013.5	974.3	..	25.9	19.5	15.2	17.4	53	..	4.5	..	9.9	0	0	28	00	11	14	3	0	0	0	0	3	0
	1430	350	1009.9	971.1	..	27.9	19.7	14.1	16.3	44	..	4.5	..	10.4	0	1	30	01	13	15	2	0	0	0	0	0	0
	1730	350	1010.1	971.2	-0.5	27.1	19.9	15.1	17.4	49	+ 5	4.6	+1.7	10.3	0	0	29	00	7	20	2	0	0	0	0	2	0
	2030	350	1012.7	973.3	..	24.3	19.5	16.3	18.8	61	..	3.3	..	6.2	0	1	21	00	1	21	0	0	0	0	0	9	0
	2330	350	1013.0	973.3	..	22.3	18.9	16.7	19.0	71	..	3.3	..	9.1	0	1	22	00	0	16	7	0	0	0	0	8	0
CUDDAPAH	0830	130	1015.4	1000.4	-0.3	23.5	20.8	19.3	22.4	78	+ 6	2.5	-0.6	0.8	0	0	6	00	0	6	0	0	0	0	0	25	0
	1730	130	1011.3	996.5	-0.2	26.8	21.5	18.4	21.3	61	+ 0	3.3	-0.2	3.0	0	0	20	00	2	16	2	0	0	0	0	11	0
ARUGYAVARAM	0830	701	1015.8	937.4	+0.1	19.5	17.9	16.8	19.4	84	+ 3	5.5	+1.5	4.4	0	0	20	07	5	0	7	0	0	0	1	11	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level	At station level	Departure from normal	Mean temperature in °C Dry Bulb	Wet Bulb	Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Departure from normal	Mean wind speed Km. per hour	No. of observations Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
RAYALSEEMA (CONTD)																											
AROGYAVARAM	1730	701	1010.9	933.8	-0.4	23.7	19.8	17.5	20.2	69	+11	5.3	+1.0	7.4	0	0	31	00	25	0	6	0	0	0	0	0	0
MADRAS STATE(INCLUDING PUNDICHERR																											
MADRAS	0830	6	1014.5	1013.8	-0.4	24.4	22.5	21.5	25.6	85	+ 6	6.3	+2.2	6.7	0	0	25	08	7	3	0	0	0	3	4	5	0
	1740	6	1011.4	1010.7	..	25.8	22.4	20.7	24.3	74	..	4.5	..	6.9	0	0	31	05	21	3	2	0	0	0	0	0	0
MADRAS(MINAMBAKKAM)	0230	16	1011.9	1010.1	..	22.4	21.3	20.8	24.6	91	..	4.0	..	5.0	0	1	23	10	2	1	0	0	1	2	8	7	0
	0530	16	1012.2	1010.4	..	22.0	20.9	20.4	23.9	92	..	3.7	..	4.3	0	1	18	07	1	0	0	0	0	4	7	12	0
	0830	16	1014.6	1012.8	-0.1	24.6	22.0	21.0	25.2	86	+ 2	5.5	+0.9	6.5	0	1	25	11	3	0	0	0	0	3	9	5	0
	1130	16	1013.6	1011.8	..	27.1	22.8	20.5	24.1	68	..	5.7	..	13.9	0	7	23	17	7	2	3	0	0	0	1	1	0
	1430	16	1010.8	1009.1	..	27.6	22.8	20.2	23.8	65	..	5.3	..	15.9	0	6	25	13	10	5	3	0	0	0	0	0	0
	1730	16	1011.5	1009.7	-0.3	25.8	22.2	20.3	23.8	72	+ 1	5.1	+0.4	13.3	0	4	26	10	12	6	2	0	0	0	0	1	0
	2030	16	1013.6	1011.8	..	24.0	22.0	20.9	24.9	83	..	3.5	..	6.7	0	0	26	11	5	5	3	0	0	0	2	5	0
	2330	16	1013.2	1011.4	..	23.0	21.8	21.0	25.2	88	..	3.7	..	5.0	0	1	18	12	3	2	1	0	0	0	1	12	0
VELLORE	0530	214	1013.0	988.3	..	20.2	19.7	18.9	22.7	92	..	3.8	..	0.5	0	0	6	03	3	0	0	0	0	0	0	25	0
	0830	214	1015.0	990.4	+0.0	21.8	20.1	19.3	22.1	85	+ 0	4.7	+0.6	0.9	0	0	6	02	2	0	1	0	0	1	0	25	0
	1130	214	1013.9	989.7	..	26.2	21.4	18.5	21.6	64	..	5.4	..	5.7	0	0	27	06	16	4	0	1	0	0	0	4	0
	1730	214	1010.9	986.8	-0.1	27.0	21.1	17.7	20.2	58	- 1	4.8	+0.5	6.8	0	0	30	00	23	6	1	0	0	0	0	1	0
	2330	214	1013.9	989.4	..	22.5	20.5	19.3	22.7	83	..	3.9	..	1.7	0	0	8	01	5	2	0	0	0	0	0	23	0
TAMBARAM AERODROME	0830	29	1014.1	1010.8	..	23.3	22.5	22.0	26.6	93	..	5.3	..	10.0	0	2	25	12	4	2	0	0	0	0	9	4	0
	1730	29	1011.4	1008.1	..	26.1	23.3	21.9	26.3	78	..	4.8	..	18.2	0	9	22	07	15	6	3	0	0	0	0	0	0
TIRUPPATTUR	0830	390	1012.1	967.7	-3.4	22.5	21.8	21.5	25.6	95	+ 4	6.2	+0.7	3.8	0	0	29	07	3	0	0	19	0	0	0	2	0
	1730	390	1007.8	964.4	-2.7	25.8	22.4	22.2	26.6	81	+19	6.6	+1.2	3.3	0	0	31	10	5	0	2	14	0	0	0	0	0
METTUR DAM R.S	0830	244	..	..	..	23.7	20.5	18.7	21.6	90	..	4.9	..	3.9	0	0	30	00	10	0	4	0	3	0	13	1	0
	1730	244	..	..	..	27.1	23.0	20.8	24.7	70	..	4.2	..	4.3	0	0	31	00	14	0	4	0	7	0	6	0	0
CUDDALORE	0530	6	1011.8	1010.4	..	22.5	21.2	20.7	24.4	91	..	3.7	..	2.8	0	0	12	05	7	0	0	0	0	0	0	19	0
	0830	6	1014.0	1012.6	-0.3	24.0	22.5	21.4	25.6	86	+ 3	4.2	-0.5	7.9	0	1	26	12	9	1	0	0	0	0	5	4	0
	1130	6	1013.3	1011.9	..	27.5	23.3	21.1	25.2	69	..	4.1	..	12.5	0	4	27	05	21	2	2	0	0	0	1	0	0
	1430	6	1010.4	1009.1	..	27.7	23.5	21.4	25.5	70	..	3.9	..	14.5	0	7	24	02	23	5	1	0	0	0	0	0	0
	1730	6	1011.0	1009.7	-0.3	26.3	23.1	21.5	25.6	75	+ 1	3.7	-1.0	10.3	0	0	31	01	23	4	3	0	0	0	0	0	0
	2330	6	1012.9	1011.5	..	24.1	22.4	21.4	25.6	84	..	3.6	..	9.2	0	2	27	06	20	3	0	0	0	0	0	2	0
KALLAKKURICHCHI	0830	217	1014.4	999.8	-1.0	23.6	21.8	20.9	24.7	86	+19	3.3	-0.4	7.2	0	0	27	02	2	0	0	0	0	0	22	4	0
	1730	217	1010.4	996.1	-0.6	27.1	23.3	21.4	25.5	72	+10	3.1	-1.1	8.3	0	0	29	08	15	2	1	2	0	0	1	2	0
SALEM	0530	276	1011.4	979.6	..	20.4	18.9	17.8	20.2	80	..	2.6	..	3.5	0	0	15	09	1	4	1	0	0	0	0	16	0
	0830	276	1013.9	982.2	-0.4	22.1	19.4	17.7	20.2	75	+ 0	4.0	+0.6	1.1	0	0	8	01	3	3	1	0	0	0	0	23	0
	1130	276	1012.4	981.4	..	27.3	20.7	16.5	19.0	53	..	4.3	..	4.5	0	0	23	01	3	11	7	0	0	1	0	8	0
	1730	276	1009.2	977.9	-0.8	24.5	20.9	16.0	18.5	48	- 4	4.4	+0.2	5.7	0	0	28	01	6	14	6	0	0	0	1	3	0
	2330	276	1012.1	980.3	..	24.0	20.1	17.8	20.4	70	..	2.0	..	6.8	0	0	22	01	7	7	7	0	0	0	0	9	0
COIMBATORE(PILAMEDU)	0530	399	1012.4	967.0	..	19.7	18.5	17.8	20.2	89	..	3.2	..	2.8	0	0	9	02	4	3	0	0	0	0	0	22	0
	0830	399	1014.4	969.3	-0.3	21.9	19.6	18.3	21.0	81	+ 5	5.2	+1.1	10.3	0	2	22	01	16	7	0	0	0	0	0	7	0
	1130	399	1012.7	968.3	..	26.0	20.2	16.5	19.0	57	..	5.0	..	14.6	0	4	26	01	21	8	0	0	0	0	0	1	0
	1430	399	1009.1	965.0	..	28.0	20.3	15.3	17.6	48	..	4.5	..	15.1	0	7	22	03	17	9	0	0	0	0	0	2	0
	1730	399	1009.3	965.3	-0.4	27.4	20.0	15.0	17.4	49	+ 1	4.3	+0.5	14.2	0	7	22	00	11	16	1	0	1	0	0	2	0
	2030	399	1012.3	967.5	..	23.8	19.5	16.7	19.1	66	..	2.4	..	7.7	0	1	20	04	7	5	3	1	1	0	0	10	0
	2330	399	1012.9	967.8	..	22.0	19.3	17.5	19.7	76	..	2.7	..	8.5	0	2	15	02	5	4	2	1	2	0	1	14	0
COIMBATORE	0830	409	1014.2	968.1	+0.1	22.5	19.8	18.1	20.9	76	+ 1	6.3	+1.8	5.9	0	0	31	00	28	0	1	0	1	0	0	0	1
NAGAPATTINAM	0830	9	1013.7	1012.6	-0.1	25.1	22.6	21.3	25.3	80	- 1	5.5	+0.3	11.9	0	5	26	07	11	2	1	0	0	0	10	0	0
	1730	9	1010.4	1009.3	-0.5	26.8	23.3	21.5	25.6	73	- 3	5.8	+0.7	22.1	0	25	6	02	26	1	1	0	0	0	1	0	0
TIRUCHCHIRAPPALLI	0230	94	1011.2	1001.1	..	22.3	20.9	20.2	23.5	88	..	4.5	..	9.2	0	1	28	14	13	1	0	0	0	0	1	2	0
	0530	94	1011.5	1001.4	..	21.7	20.5	19.9	23.2	90	..	4.5	..	7.9	0	0	29	12	9	1	0	0	0	2	5	2	0
	0830	94	1013.7	1003.7	-0.3	24.1	21.5	20.1	23.5	79	+ 0	4.9	+0.6	11.5	0	1	30	12	9	0	1	0	0	4	5	0	0
	1130	94	1012.6	1002.7	..	27.4	22.2	19.2	22.5	62	..	5.1	..	16.3	0	11	20	10	15	2	2	0	0	0	2	0	0
	1430	94	1009.5	999.6	..	28.5	22.0	18.2	21.0	55	..	4.7	..	13.7	0	3	28	05	24	1	1	0	0	0	0	0	0
	1730	94	1009.8	999.9	-0.6	27.3	22.0	18.9	22.1	61	- 4	4.2	-1.0	10.7	0	1	30	04	22	5	0	0	0	0	0	0	0
	2030	94	1012.3	1002.3	..	24.4	22.0	20.6	24.4	80	..	3.4	..	11.2	0	1	30	02	21	6	2	0	0	0	0	0	0
	2330	94	1012.5	1002.4	..	23.1	21.5	20.5	24.4	86	..	4.0	..	9.2	0	0	31	10	16	4	0	0	0	0	1	0	0
VEDARANNIYAM	0830	4	1013.3	1012.8	..	25.7	23.2	21.9	26.3	80	..	5.9	..	9.2	0	0	29	13	9	1	2	0	0	0	4	2	0
	1730	4	1010.6	1010.1	..	26.6	23.4	21.8	26.1	75	..	5.3	..	10.5	0	0	30	11	14	0	1	0	0	0	4	1	0
ATIRAMPATTINAM	0830	6	1013.4	1012.7	..	24.6	22.7	21.8	25.9	85	..	2.7	..	8.5	0	1	30	14	7	2	0	0	0	0	8	0	0
	1730	6	1009.9	1009.2	..	27.2	23.6	22.0	26.1	74	..	4.6	..	9.3	0	0	31	07	17	6	0	1	0	0	0	0	0
MADURAI	0830	133	1013.8	998.5	+0.0	25.1	23.5	22.7	27.6	87	+14	3.9	-0.7	3.0	0	0	31	25	6	0	0	0	0	0	0	0	0
MADURAI AERODROME	0530	131	1011.4	996.3	..	21.8	20.9	20.4	24.1	92	..	3.2	..	7.6	0	0	20	12	5	1	1	0	0	0	1	11	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mb. At mean sea level or ht. in gpm. of nearest standard isobaric level	Mean pressure in mb. At station level	Mean pressure in mb. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mb.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
MADRAS STATE (INCLUDING PUNDICHERRY)																											
MADURAI CAERODROME	0830	131	1013.6	998.6	-0.6	24.4	21.9	20.5	24.1	79	+ 3	+.4	+0.1	11.3	0	3	24	13	10	1	0	0	0	1	2	4	0
	1130	131	1012.4	997.6	..	27.7	22.8	20.1	22.8	64	..	4.8	..	16.8	0	13	17	11	17	1	1	0	0	0	0	1	0
	1730	131	1009.7	994.9	-0.7	27.5	22.5	19.8	23.2	64	+ 1	4.0	-0.7	13.8	0	5	26	05	22	4	0	0	0	0	0	0	0
TONDI	0830	5	1013.4	1012.8	-0.5	24.9	22.5	21.7	25.2	81	- 2	6.5	+1.5	11.5	0	1	30	23	3	2	1	0	0	0	2	0	0
	1730	5	1010.1	1009.5	-0.6	27.2	23.5	21.5	25.9	81	+ 8	6.1	+1.1	14.8	0	5	26	07	23	1	0	0	0	0	0	0	0
PAMBAN	0830	11	1013.1	1011.8	-0.2	25.7	23.7	22.8	27.6	84	+ 0	5.7	+1.1	16.7	0	10	21	11	18	1	0	0	0	0	1	0	0
	1730	11	1009.7	1008.4	-0.6	26.8	24.5	23.2	28.9	79	- 4	4.7	+0.3	18.4	0	11	20	09	22	0	0	0	0	0	0	0	0
TUTICORIN	0830	4	1013.6	1013.2	-0.6	25.2	22.6	21.2	25.3	79	+ 1	4.0	+0.1	13.3	0	3	28	16	9	1	0	1	0	1	3	0	0
	1730	4	1009.8	1009.4	-0.8	27.5	24.2	22.6	27.6	75	+ 1	3.5	+0.3	23.7	0	24	7	01	15	11	1	2	0	1	0	0	0
PALAYANKOTTAI	0830	51	1013.5	1007.7	-0.2	25.0	22.3	20.7	24.7	77	+ 3	5.9	+1.0	9.4	0	0	31	18	5	1	1	0	0	0	6	0	0
	1730	51	1009.5	1003.8	-0.7	28.2	23.2	20.5	24.4	64	+ 2	5.6	+0.5	6.9	0	0	28	02	12	8	1	1	0	1	2	3	1
KANNIYAKUMARI	0830	37	1012.5	1008.4	..	26.1	22.3	20.1	23.8	70	..	3.8	..	21.5	0	21	10	14	14	0	0	0	1	0	2	0	0
	1730	37	1009.1	1005.1	..	28.0	23.5	21.1	25.2	67	..	5.0	..	17.8	0	16	15	02	15	7	2	1	2	1	1	0	0
PONDICHERRY	0830	6	1013.8	1013.1	..	24.8	22.4	21.2	25.2	81	..	4.3	..	15.7	0	9	22	10	7	1	0	0	0	1	12	0	0
	1730	6	1010.6	1010.0	..	26.4	23.3	21.7	25.9	76	..	4.3	..	32.0	0	21	10	02	20	5	3	0	0	1	0	0	0
PORT NOVA	0830	3	1013.9	1013.6	..	25.4	24.0	23.4	28.5	89	..	5.0	..	7.2	0	0	31	09	4	1	0	1	2	0	14	0	0
TUTICORIN H.P.	0830	3	1013.5	1013.2	..	25.1	22.7	21.5	25.6	81	..	4.5	..	18.1	0	15	16	17	11	0	0	2	0	0	1	0	0
	1130	3	1012.7	1012.4	..	27.9	23.9	21.3	26.4	68	..	4.4	..	20.0	0	17	14	08	19	2	1	1	0	0	0	0	0
	1430	3	1009.5	1009.3	..	28.5	23.8	21.5	25.6	67	..	3.7	..	20.0	0	18	13	01	19	7	2	2	0	0	0	0	0
	1730	3	1009.6	1009.3	..	27.3	23.7	21.5	26.3	73	..	4.4	..	21.3	0	19	12	02	17	8	2	1	1	0	0	0	0
COASTAL MYSORE																											
KARWAR	0830	4	1014.0	1013.5	+0.1	23.5	20.1	18.0	20.8	72	+ 2	2.7	+0.7	2.8	0	0	29	01	1	25	1	0	0	0	1	2	0
	1730	4	1010.0	1009.5	-0.4	29.2	23.7	20.9	24.7	62	+ 0	3.1	+1.0	5.9	0	1	29	00	0	0	6	0	1	4	19	0	0
HONAVAR	0830	28	1013.3	1010.3	-0.4	23.6	19.[illegible]	15.9	18.2	63	+ 0	4.2	+1.0	5.5	0	0	29	02	5	20	0	1	0	1	0	2	0
	1730	28	1009.4	1006.5	-0.5	29.9	22.8	19.7	21.8	53	- 6	4.5	+1.3	3.8	0	0	28	02	3	2	0	1	1	15	4	3	0
MANGALORE (BAJPE)	0230	102	1010.6	999.0	..	23.4	20.7	19.5	22.7	81	..	3.1	..	4.0	0	0	13	00	5	7	1	0	0	0	0	18	0
	0530	102	1010.7	999.0	..	22.0	19.8	18.4	21.3	81	..	3.0	..	6.7	0	0	19	01	2	15	0	0	0	0	1	12	0
	0830	102	1012.7	1001.1	-0.6	24.7	20.5	17.9	20.8	67	- 3	4.1	+1.3	12.2	0	3	23	00	3	21	1	0	0	0	1	5	0
	1130	102	1011.9	1000.5	..	30.2	21.7	16.4	19.0	46	..	4.0	..	11.5	0	6	19	01	4	13	3	0	0	1	3	6	0
	1430	102	1008.7	997.4	..	31.7	22.4	16.8	19.3	42	..	3.6	..	17.9	0	10	21	00	0	6	1	0	6	16	2	0	0
	1730	102	1008.5	997.4	-0.8	28.7	22.4	18.9	21.8	56	- 6	3.9	+0.6	16.1	0	2	29	00	0	2	1	0	1	19	8	0	0
	2030	102	1011.3	999.8	..	25.7	22.1	20.2	23.7	72	..	3.3	..	6.1	0	0	18	08	1	0	0	1	0	1	7	13	0
	2330	102	1011.5	999.9	..	24.6	21.7	20.1	23.5	76	..	3.2	..	3.8	0	0	12	08	1	3	0	0	0	0	0	19	0
MANGALORE	0830	22	1013.0	1010.5	-0.1	25.4	20.4	17.4	19.9	62	- 7	3.0	+0.2	4.6	0	0	30	00	2	15	12	0	0	0	0	1	1
	1730	22	1009.1	1006.6	-0.5	29.4	23.6	20.5	24.4	60	- 2	2.7	-0.3	7.9	0	0	31	04	1	0	0	0	6	6	14	0	0
MANGALORE H.P.	0830	32	1012.6	1008.9	..	24.5	21.4	19.5	22.9	74	..	4.6	..	7.0	0	0	31	00	4	18	9	0	0	0	0	0	0
	1130	32	1011.9	1008.3	..	30.5	22.4	18.0	20.5	48	..	4.2	..	10.2	0	3	27	02	1	11	8	2	0	2	4	1	0
	1730	32	1008.9	1005.3	..	28.7	23.2	20.3	23.8	61	..	4.3	..	11.1	0	1	30	02	0	0	1	0	1	7	20	0	0
INTERIOR MYSORE, NORTH																											
BIDAR	0830	664	1015.6	941.2	-0.2	20.3	14.[illegible]	[illegible]	11.8	50	-11	3.9	+1.6	10.8	0	4	26	00	9	11	5	4	1	0	0	1	0
	1730	664	1010.5	937.7	-0.6	25.5	15.8	8.0	10.9	34	- 5	6.5	+2.6	10.7	0	1	30	01	15	6	5	1	2	0	0	0	1
GULBARGA	0830	458	1015.7	963.5	-0.4	20.7	14.8	10.0	12.5	51	- 5	3.7	+1.8	8.1	0	0	24	01	13	9	0	0	1	0	0	7	0
	1730	458	1009.9	959.5	-0.4	28.7	18.4	10.9	13.7	33	+ 2	4.7	+2.1	8.9	0	0	30	00	4	22	0	1	2	1	0	0	0
BIJAPUR	0830	594	1015.7	948.6	+0.1	20.6	15.0	10.8	13.4	62	+ 4	4.2	+2.1	2.2	0	0	17	00	1	2	9	2	0	0	3	14	0
	1730	594	1009.8	944.8	-0.1	27.7	17.8	11.1	13.2	37	+ 3	4.5	+1.8	2.3	0	0	27	02	8	5	7	0	4	1	0	4	0
RAICHUR	0830	400	1014.9	970.0	-0.2	22.2	16.8	12.5	14.8	56	- 7	3.0	+0.9	4.8	0	0	31	04	14	1	10	1	0	0	1	0	0
	1730	400	1009.7	965.9	-0.5	28.2	17.9	9.2	10.9	32	- 2	3.7	+1.0	5.5	0	0	30	02	17	2	6	2	1	0	0	1	0
BELGAUM	0830	753	1014.9	931.0	+0.2	19.5	15.8	12.7	15.3	66	- 1	2.2	+0.9	2.8	0	0	14	00	1	13	0	0	0	0	0	17	0
	1730	753	1008.9	927.4	-0.6	26.9	17.8	11.5	13.7	39	+ 4	1.8	-0.1	5.5	0	0	31	03	2	18	2	4	1	1	0	0	0
BELGAUM (SAMRA)	0530	747	1013.4	929.3	..	16.2	13.4	11.1	13.6	73	..	1.5	..	3.0	0	1	10	00	1	5	5	0	0	0	0	20	0
	0830	747	1014.8	931.5	-0.1	19.6	15.1	11.6	13.9	61	- 3	3.9	+1.6	7.5	0	3	18	02	4	8	5	0	0	0	0	10	2
	1130	747	1012.8	931.1	..	25.1	16.5	9.9	12.5	40	..	4.1	..	15.7	0	11	19	00	4	10	9	1	3	0	0	1	3
	1430	747	1008.9	928.0	..	27.4	16.9	8.7	11.5	32	..	4.1	..	18.3	0	14	16	00	8	12	3	0	4	2	1	1	0
	1730	747	1009.4	928.2	-0.3	26.2	16.7	9.3	12.0	36	- 2	3.8	+1.3	11.9	0	3	28	00	11	10	2	0	4	4	0	0	0
	2030	747	1013.0	930.2	..	21.1	15.6	11.5	13.7	55	..	2.4	..	4.0	0	0	18	00	4	5	1	0	3	5	0	13	0
GADAG	0530	650	1013.3	940.0	..	17.7	15.1	13.1	15.3	75	..	1.3	..	5.5	0	0	26	00	1	18	6	0	0	1	0	5	0
	0830	650	1013.9	940.8	-1.4	19.1	16.4	14.4	16.7	75	+12	1.9	-0.8	4.0	0	0	25	00	3	18	2	2	0	0	0	6	0
	1130	650	1012.9	941.6	..	26.2	19.0	14.4	16.7	50	..	3.3	..	8.8	0	0	29	05	4	14	3	0	0	1	2	2	0
	1430	650	1008.7	938.6	..	28.4	19.4	13.4	16.0	42	..	3.7	..	8.5	0	0	29	01	10	10	4	0	1	1	2	2	0
	1730	650	1008.8	938.0	-0.9	27.3	19.3	14.2	16.5	47	+ 6	3.3	+0.2	5.5	0	0	28	02	6	16	0	0	3	1	0	3	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or ht. in gpm. of present standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry bulb	Mean temperature in °C Wet bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
INTERIOR MYSORE NORTH (CONTD.)																											
GADAG	2030	650	1012.7	940.6	..	22.7	17.5	13.9	16.3	59	..	1.9	..	6.6	0	0	29	00	4	19	0	0	0	5	1	2	0
	2330	650	1013.3	940.7	..	20.3	16.2	13.2	15.5	65	..	1.6	..	7.6	0	0	30	00	2	21	0	1	0	6	0	1	0
BIDAR A.F	0530	665	1014.1	938.8	..	17.0	12.5	8.4	11.2	58	..	1.5	..	10.2	0	0	31	01	11	11	4	0	2	2	0	0	0
	0830	665	1015.3	940.9	..	20.4	14.6	9.5	12.4	51	..	3.2	..	13.8	0	1	30	02	9	11	4	4	1	0	0	0	0
	1130	665	1013.9	940.6	..	25.0	16.4	10.0	12.3	41	..	2.9	..	17.5	0	7	24	02	14	10	1	2	2	0	0	0	0
	1730	665	1010.7	937.7	..	25.7	16.5	9.1	12.0	37	..	3.3	..	15.3	0	5	26	03	19	4	0	3	2	0	0	0	0
	2330	665	1014.1	939.5	..	20.3	13.8	8.2	11.1	47	..	1.9	..	13.1	0	2	29	03	12	10	2	2	1	1	0	0	0
INTERIOR MYSORE, SOUTH																											
BELLARY	0830	449	1015.0	964.1	-0.3	20.6	18.3	16.7	19.3	79	+10	3.3	+0.3	5.0	0	0	22	00	0	7	10	2	1	1	1	9	0
	1730	449	1009.6	960.1	-0.3	28.2	19.3	12.9	15.2	40	+2	4.2	+1.0	5.3	0	0	23	00	0	10	12	0	0	0	1	8	0
CHITRADURGA	0830	733	1014.3	932.7	-0.1	19.8	16.4	14.1	16.2	70	-1	2.7	-0.5	6.1	0	0	26	00	0	24	1	0	0	1	0	5	0
	1730	733	1009.0	929.3	-0.1	26.4	17.3	11.0	13.1	41	+1	4.3	+1.2	4.5	0	0	28	00	0	25	1	0	0	2	0	3	0
SHIMOGA	0830		..	..	..	..	..	..	..	..	..	4.5	+1.7	1.6	0	0	13	00	2	9	0	0	2	0	0	18	0
	1730		..	..	..	..	..	..	..	..	..	4.4	+1.5	3.3	0	0	31	00	0	26	0	0	2	3	0	0	0
AGUMBE	0830		..	..	..	18.9	16.7	15.3	17.4	80	..	.	..	9.2	0	3	23	00	26	0	0	0	0	0	0	5	0
BALEHONNUR	0830		..	..	..	19.7	16.7	15.0	16.7	75	-4	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
HASSAN	0830	960	1527.7	908.6	+0.1	19.0	16.6	14.9	17.1	77	+1	5.3	+2.0	2.8	0	0	24	00	0	1	14	7	1	1	0	7	0
	1730	960	1505.7	905.1	-0.7	24.7	17.0	11.5	13.7	45	-1	4.5	+1.0	2.2	0	0	25	01	6	3	6	2	4	8	1	6	2
BANGALORE	0230	921	1513.8	911.5	..	17.4	16.1	15.3	17.4	87	..	2.8	..	6.4	0	0	28	00	3	22	3	0	0	0	0	3	0
	0830	921	1530.1	913.0	+0.2	18.5	16.5	15.2	17.3	81	+3	4.6	+0.4	5.7	0	0	30	00	9	17	3	1	0	0	0	1	0
	1130	921	1536.9	912.6	..	23.7	17.6	13.4	15.7	54	..	4.8	..	6.9	0	0	30	00	10	14	4	0	1	0	0	1	1
	1430	921	1521.5	910.5	..	25.8	18.3	13.2	15.6	47	..	4.9	..	7.3	0	0	31	00	14	11	4	0	1	0	0	0	1
	1730	921	1516.9	910.7	+0.8	24.1	17.4	12.8	15.0	51	+0	4.9	+1.0	6.7	0	0	29	00	11	14	3	0	1	0	0	2	0
	2030	921	1526.3	912.2	..	20.3	16.7	14.4	16.3	69	..	2.7	..	6.5	0	0	30	00	8	19	3	0	0	0	0	1	0
BANGALORE AERODROME	0530	901	1500.8	913.0	..	16.2	15.5	15.0	17.1	93	..	3.3	..	5.6	0	0	24	00	7	11	6	0	0	0	0	7	0
	0830	901	1526.7	915.3	-0.4	18.2	16.6	15.6	17.6	85	+5	5.1	+0.9	7.5	0	1	26	00	3	18	4	2	0	0	0	4	0
	1130	901	1532.1	914.7	..	23.3	17.3	13.1	15.4	55	..	5.0	..	13.6	0	5	26	00	3	17	8	3	0	0	0	0	0
	1730	901	1508.6	912.1	-0.8	23.9	17.2	12.5	14.7	51	-2	4.5	+0.6	11.7	0	2	28	00	2	16	9	2	1	0	0	1	0
	2330	901	1515.4	914.1	..	18.3	16.5	15.2	17.4	82	..	2.5	..	8.5	0	0	30	00	4	12	13	1	0	0	0	1	0
MYSORE	0830	767	1014.4	928.9	+0.0	19.4	16.7	14.9	17.0	75	-3	3.0	-0.6	6.7	0	0	31	03	5	5	4	6	6	1	1	0	0
	1730	767	1008.3	925.2	-0.5	26.1	17.3	10.9	13.3	40	-3	3.3	-0.6	10.2	0	2	29	09	3	13	0	0	1	3	2	0	0
YALANKA A.F	0530	932	1503.3	909.9	..	15.8	15.1	14.5	16.7	93	..	3.8	..	13.3	0	2	28	01	5	19	4	1	0	0	0	1	0
	0830	932	1526.5	911.9	..	18.2	16.4	15.3	17.4	83	..	5.0	..	14.9	0	5	25	00	7	16	5	2	0	0	0	1	0
	1130	932	1532.7	911.3	..	23.9	17.3	12.6	14.9	51	..	4.7	..	20.0	0	14	17	00	8	15	5	2	0	1	0	0	0
	1730	932	1508.0	908.8	..	23.4	16.6	11.7	13.9	50	..	4.6	..	17.2	0	8	22	00	8	17	3	1	0	1	0	1	0
	2330	932	1515.3	910.8	..	17.7	15.7	14.4	16.3	81	..	3.3	..	14.3	0	19	12	00	6	16	8	1	0	0	0	0	0
KERALA																											
CALICUT	0530	5	1010.6	1010.0	..	22.9	21.3	20.4	24.1	86	..	1.4	..	3.4	0	0	26	00	5	14	0	3	0	4	0	4	0
	0830	5	1012.5	1011.9	-0.3	25.5	21.8	19.8	23.1	71	-4	3.1	-0.2	2.6	0	0	29	01	2	10	0	0	8	5	3	2	0
	1130	5	1011.9	1011.3	..	29.8	24.0	21.0	25.0	60	..	3.7	..	3.6	0	0	31	00	0	0	0	0	10	21	0	0	0
	1430	5	1009.7	1009.1	..	31.5	25.3	21.9	27.3	57	..	3.5	..	3.2	0	0	30	01	1	1	0	0	2	18	7	1	0
	1730	5	1009.3	1008.7	+0.0	29.3	24.0	21.3	25.6	62	-2	4.3	+0.9	4.3	0	0	31	00	0	0	0	0	14	15	2	0	0
	2330	5	1011.4	1010.8	..	25.0	23.1	22.1	26.6	84	..	3.1	..	3.3	0	0	22	01	1	0	0	6	5	7	2	7	0
PALGHAT	0830	97	1013.2	1002.1	-0.6	25.0	21.7	19.8	23.2	73	+4	3.8	+1.1	10.2	0	0	31	00	0	31	0	0	0	0	0	0	0
	1730	97	1008.7	997.8	-0.9	30.4	22.4	17.8	20.5	48	-2	4.0	+0.6	8.9	0	0	31	00	0	28	0	0	0	3	0	0	0
FORT COCHIN	0830	3	1012.1	1011.8	-0.7	27.3	23.3	21.3	25.3	70	-1	6.0	+1.8	4.5	0	0	27	00	17	8	2	0	0	0	0	4	0
	1730	3	1008.6	1008.3	-0.6	28.3	24.5	22.9	27.6	68	+2	6.5	+2.1	7.2	0	0	27	00	2	0	0	1	3	17	4	4	0
COCHIN (NAVAL AIR STATION)	0230	3	1010.4	1010.1	..	23.9	22.5	21.8	26.3	88	..	4.4	..	1.8	0	0	7	01	2	2	0	1	0	0	0	24	1
	0530	3	1010.3	1010.0	..	22.9	21.6	20.9	24.7	88	..	3.9	..	2.0	0	0	8	00	5	2	1	0	0	0	0	23	0
	0830	3	1012.3	1012.0	..	25.7	22.4	20.7	24.4	74	..	4.4	..	4.7	0	0	22	00	13	8	1	0	0	0	0	9	0
	1130	3	1011.9	1011.6	..	29.6	23.5	20.3	24.0	58	..	4.3	..	7.1	0	0	23	01	4	5	3	2	0	2	6	8	0
	1730	3	1008.7	1008.4	..	28.8	23.8	21.3	25.3	64	..	4.6	..	9.6	0	1	26	00	1	0	1	1	6	15	3	4	0
	2330	3	1011.4	1011.1	..	25.1	23.2	22.2	26.9	84	..	4.8	..	2.1	0	0	11	02	4	3	1	0	0	0	1	20	0
ALLEPPEY	0830	4	1012.4	1012.0	-0.2	26.1	23.4	22.0	26.6	78	+3	3.0	-0.9	4.2	0	0	29	00	8	9	12	0	0	0	0	2	0
	1730	4	1009.1	1008.7	-0.2	28.9	24.3	22.0	26.6	66	-2	3.1	-1.0	16.9	0	7	24	00	0	0	0	0	1	9	21	0	0
PUNALUR	0830	34	1012.6	1008.5	-0.4	24.9	22.7	21.7	25.8	83	+0	5.2	+1.3	0.0	0	0	1	00	0	0	1	0	0	0	0	30	0
	1730	34	1008.0	1004.6	-0.6	30.1	24.7	22.3	26.6	63	+1	5.9	+1.1	7.3	0	0	30	00	2	10	8	0	4	5	1	1	0
TRIVANDRUM	0230	64	1010.0	1002.6	..	23.9	22.2	21.3	25.3	86	..	3.3	..	1.5	0	0	9	02	5	1	0	0	0	0	1	22	0
	0530	64	1010.2	1002.8	..	23.1	21.7	20.9	24.9	88	..	3.6	..	4.5	0	0	21	02	16	1	1	0	0	0	1	10	0
	0830	64	1012.2	1004.9	-0.2	25.6	22.8	21.3	25.5	77	-3	4.3	+0.9	3.9	0	0	26	02	15	7	0	0	1	0	1	5	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs. At mean sea level or Mt. in gms. of mean standard isobaric level	Mean pressure in mbs. At station level	Mean pressure in mbs. Departure from normal	Mean temperature in °C Dry Bulb	Mean temperature in °C Wet Bulb	Mean temperature in °C Dew point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity % Departure from normal	Cloud Amount (Oktas) Mean amount	Cloud Amount (Oktas) Departure from normal	Mean wind speed Km. per hour	No. of observations: Wind Speed (Km. p. h.) 62 or more	20 to 61	1 to 19	Wind direction N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
KERALA (CONOD)																											
TRIVANDRUM	1130	64	1011.5	1004.2	..	29.2	23.4	20.3	24.0	60	..	5.3	..	5.3	0	0	27	04	5	2	2	0	3	5	6	4	0
	1430	64	1008.7	1001.5	..	29.6	23.9	21.1	25.0	61	..	5.1	..	8.3	0	0	30	00	2	0	1	0	12	9	4	1	2
	1730	64	1009.1	1001.9	-0.2	28.1	23.8	21.7	25.9	69	+ 0	5.3	+1.0	6.6	0	0	30	01	2	0	2	0	12	7	6	1	0
	2030	64	1011.4	1004.1	..	26.0	23.5	22.3	26.9	80	..	4.4	..	2.3	0	0	13	00	2	2	2	0	3	1	3	18	0
	2330	64	1011.5	1004.2	..	24.8	23.0	22.1	26.6	86	..	4.5	..	3.9	0	0	18	07	7	3	0	0	0	0	1	13	0
TRIVANDRUM AERODROME	0830	6	1012.6	1011.7	+0.1	26.0	22.8	21.1	25.2	75	+ 2	4.9	+1.1	5.5	0	0	21	04	10	4	1	0	0	0	1	10	1
ARABIAN SEA ISLANDS																											
AMINI	0530	2	1010.1	1009.7	..	25.1	22.7	21.4	25.6	80	..	3.2	..	7.0	0	2	24	15	5	1	1	1	0	0	3	5	0
	0830	2	1012.4	1011.9	-0.1	26.8	23.6	22.0	26.4	75	+ 1	4.3	+1.1	7.0	0	1	26	13	6	2	3	1	0	0	2	4	0
	1130	2	1012.2	1011.7	..	29.9	24.3	21.6	25.8	62	..	4.1	..	11.2	0	2	29	12	11	1	3	2	0	0	2	0	0
	1730	2	1009.3	1008.9	..	29.2	24.1	21.6	25.9	64	..	4.3	..	7.8	0	1	29	13	5	3	4	0	2	0	3	1	0
	2330	2	1011.4	1010.9	..	25.8	22.9	21.4	25.6	75	..	3.4	..	4.8	0	0	20	09	8	2	0	1	0	0	0	11	0
AGATTI	0830	4	1012.5	1012.1	..	27.5	24.3	22.9	27.7	78	..	5.0	..	2.8	0	0	22	10	7	3	0	0	0	0	2	9	0
	1730	4	1009.6	1009.1	..	28.9	24.7	22.7	27.6	70	..	5.5	..	4.5	0	0	29	12	9	5	1	0	0	0	1	2	0
ANDROTH	0830	5	1012.4	1011.9	..	26.6	24.2	23.2	28.4	83	..	4.7	..	1.0	0	0	10	00	3	0	0	0	0	0	2	21	5
	1730	5	1008.0	1007.5	..	29.0	24.8	22.8	27.7	69	..	5.5	..	2.3	0	0	20	02	5	0	0	0	0	0	0	11	13
MINICOY	0530	2	1010.2	1010.0	..	24.0	22.6	21.9	26.3	88	..	3.8	..	2.6	0	0	10	03	2	1	3	1	0	0	0	21	0
	0830	2	1012.3	1012.1	+0.0	26.9	24.1	22.8	27.7	79	+ 2	4.7	+0.7	3.0	0	0	16	03	2	7	3	0	0	0	1	15	0
	1130	2	1012.1	1011.9	..	29.5	24.9	22.8	27.7	67	..	5.1	..	6.3	0	0	28	09	4	9	4	0	0	0	2	3	0
	1430	2	1009.4	1009.2	..	29.6	24.9	22.7	27.6	67	..	5.0	..	5.5	0	0	27	10	4	8	2	1	0	0	2	4	0
	1730	2	1009.5	1009.3	-0.1	28.5	24.5	22.6	27.4	71	- 3	5.6	+1.2	3.3	0	0	19	05	6	5	0	1	0	0	2	12	0
	2030	2	1011.5	1011.3	..	25.8	23.4	22.1	26.7	80	..	4.5	..	2.8	0	0	14	03	3	4	1	0	0	0	3	17	0
	2330	2	1011.6	1011.4	..	25.0	23.0	22.0	26.4	84	..	4.3	..	3.4	0	0	14	06	2	2	3	1	0	0	0	17	0
HILL STATIONS (EXCLUDING KASHMIR)																											
DALHOUSIE	0830	1959	1474.3	802.6	+1.4	9.1	5.0	- 1.9	5.2	53	- 2	0.7	-1.1	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	1959	1461.7	801.5	+1.3	9.1	6.3	2.9	7.5	65	- 2	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
DHARMASALA	0830		..	..	..	7.8	5.7	3.1	7.6	73	+14	1.9	-0.8	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
	1730		..	..	..	15.5	9.2	2.1	7.1	41	-19	0.1	-3.3	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
BHUNTAR	0830	1096	1526.9	896.6	..	3.2	2.3	0.9	6.5	86	..	.	..	2.7	0	0	18	02	1	1	5	2	1	0	6	13	0
	1130	1096	1530.6	895.7	..	10.6	6.2	0.3	6.2	52	..	4.2	..	4.0	0	0	25	02	2	7	2	10	0	0	2	6	0
	1730	1096	1502.7	892.4	..	12.5	7.3	0.8	6.5	49	..	.	..	11.0	0	10	16	03	1	2	10	7	0	1	2	5	0
SIMLA	0830		..	..	..	6.7	1.7	- 7.2	3.3	44	+ 8	2.4	-0.3	1.7	0	0	24	01	5	0	6	3	6	0	3	7	0
	1730		..	..	..	6.8	3.1	- 2.1	5.1	56	+ 1	3.0	-0.6	1.8	0	0	27	04	6	0	8	1	3	1	4	4	0
GHANGARIA (KANJALIA TOK)	0830		..	..	..	- 2.7	- 5.0	- 8.9	2.9	63	+11	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BADRINATH	0830		..	..	..	6.4	1.7	- 6.9	3.4	42	..	0.6	..	6.8	0	1	29	01	1	20	3	2	3	0	0	1	0
	1730		..	..	..	10.5	4.4	- 4.2	4.3	39	..	1.2	..	3.2	0	0	26	00	1	1	1	8	5	10	0	5	0
JOSHIMATH	0830		(R)																								
	1730		(R)																								
MUSSOORIE	0830	2042	1508.3	797.5	-1.9	8.4	3.2	- 4.2	4.3	43	- 7	2.6	+0.0	0.4	0	0	4	01	1	0	0	1	1	0	0	27	0
	1730	2042	1491.9	796.0	-2.2	8.4	5.0	1.8	6.6	62	- 7	2.6	-0.7	0.9	0	0	11	02	2	0	2	3	2	0	0	20	0
MUKTESWAR (KUMAUN)	0830	2311	3130.4	774.0	+0.6	7.2	1.8	- 9.3	2.8	40	+ 0	0.2	-1.3	9.9	0	0	27	00	4	8	2	0	2	7	4	4	0
	1730	2311	3115.7	727.7	-4.6	7.0	2.7	- 4.2	4.3	50	- 5	0.8	-1.6	9.0	0	0	29	00	3	7	2	0	0	10	7	2	0
NAINITAL	0830	1953	1513.6	806.9	+0.3	6.7	2.8	- 2.0	5.2	55	- 4	1.4	-0.9	3.2	0	0	18	04	0	4	0	0	0	10	0	13	0
	1730	1953	1493.1	804.6	-0.7	7.4	4.0	- 0.5	5.9	59	-10	1.2	-2.1	6.6	0	0	30	01	0	1	2	3	1	22	0	1	0
KALIMPONG	0830	1209	1505.4	880.6	-1.3	12.9	10.0	7.3	10.2	69	- 7	0.0	-1.8	5.5	0	0	31	00	1	0	2	0	1	0	27	0	0
	1730	1209	1469.5	876.8	-2.5	13.6	10.6	7.8	10.4	68	-10	0.0	-2.7	5.7	0	0	31	00	3	0	28	0	0	0	0	0	0
DARJEELING	0830	2128	1546.1	792.8	-0.3	7.9	5.1	1.9	7.0	68	- 4	0.8	-2.3	0.2	0	0	2	00	1	0	0	0	1	0	0	29	0
	1730	2128	1522.9	790.8	+0.2	7.9	5.8	3.5	7.9	75	- 4	2.5	-1.9	0.3	0	0	2	00	0	0	0	0	2	0	0	29	0
KOHIMA	0830	1406	(R)																								
	1730	1406	(R)																								
SHILLONG (C.S.O.)	0830	1598	1523.1	842.8	+0.7	13.0	7.9	2.5	7.3	51	-12	1.7	+0.3	3.9	0	0	18	01	2	5	3	1	1	3	2	13	0
	1730	1598	1500.7	840.4	+0.8	11.1	10.3	9.6	11.9	90	+ 6	4.7	-1.3	1.3	0	0	16	02	6	2	2	1	0	1	2	15	0
CHERRAPUNJI	0830	1313	1509.0	870.0	-1.9	15.5	9.9	4.0	8.1	47	-17	1.9	-0.1	6.4	0	0	31	00	29	0	0	0	2	0	0	0	0
	1730	1313	1483.5	867.5	-2.1	12.8	10.7	8.8	11.3	78	- 4	2.8	-0.4	7.0	0	0	31	00	18	0	0	0	13	0	0	0	0
ABU	0830	1195	1527.9	884.2	-0.4	12.5	7.7	1.8	6.9	51	+ 7	0.0	-1.2	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
	1730	1195	1517.7	883.0	+0.7	17.6	10.4	2.8	7.5	37	- 3	0.0	-1.3	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
AIJAL	0830		(R)																								
	1730		(R)																								
PACHMARHI	0830	1075	1533.6	897.9	-0.3	13.0	9.4	5.3	9.2	61	- 4	1.4	-0.5	0.9	0	0	9	00	3	3	1	1	1	0	0	22	0
	1730	1075	1521.9	895.6	-0.5	19.4	12.0	4.5	8.7	38	- 9	1.8	-0.3	1.5	0	0	23	01	16	0	1	0	1	1	3	8	0

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations													
			At mean sea level or lst. in gms. of mean standard isobaric level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind Speed (Km. p. h.)			Wind direction										
															45 or more	20 to 61	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HILL STATIONS(EXCLUDING KASHMIR)																												
MAHABALESHWAR	0830	1382	1529.2	865.1	-0.4	15.4	10.9	7.4	10.3	57	+ 1	0.5	-1.1	10.4	0	0	31	00	18	0	2	0	4	0	2	0	0
	1730	1382	1517.6	863.7	+0.1	20.6	14.4	9.5	11.9	50	- 2	0.8	-0.8	9.9	0	0	31	00	23	0	0	0	3	0	5	0	0
MERCARA	0830	1153	1521.6	888.4	+1.0	17.3	16.3	15.7	17.8	91	+ 9	4.3	+0.8	16.1	0	12	18	05	17	8	0	0	0	0	0	0	1	0
	1730	1153	1504.1	885.3	+0.2	22.8	21.8	21.4	25.3	92	+34	4.2	+1.0	7.1	0	2	29	01	20	5	0	0	0	0	5	0	0
OOTACAMUND	0830	2249	1527.4	781.7	+1.0	11.6	8.8	5.7	9.5	68	- 4	2.2	-0.6	1.3	0	0	8	00	6	1	1	0	0	0	0	23	0
	1730	2249	1498.6	778.8	-0.4	14.2	11.7	9.5	12.1	75	+ 4	3.8	-0.1	2.3	0	0	13	00	10	0	0	0	0	0	0	18	0
COONOOR	0830		..	..	..	16.6	12.7	9.5	12.2	66	- 5	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
KODAIKANAL	0830	2343	3158.9	772.3	+0.0	12.9	9.7	5.9	9.9	69	+ 0	5.4	+1.5	11.2	0	3	24	02	5	3	9	2	0	0	5	4	0
	1130	2343	3161.9	772.0	..	15.3	11.3	7.7	10.8	65	..	5.9	..	2.1	0	5	24	04	5	5	8	4	0	0	3	2	0
	1730	2343	3137.5	770.4	-0.3	12.5	10.7	9.2	11.7	83	+ 0	6.4	+1.2	9.4	0	5	23	03	5	3	4	1	0	1	11	3	0
MANALI	0830	6690	..	..	..	2.3	- 0.5	- 5.5	3.9	60	..	1.2	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	6690	..	..	..	7.7	3.8	1.6	6.9	56	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
NEPAL																												
KATMANDU	0830	1324	1527.1	871.5	-1.3	5.4	5.0	4.6	8.5	95	+ 6	4.6	-0.8	0.0	0	0	0	00	0	0	0	0	0	0	0	31	0
	1130	1324	1519.3	869.9	..	16.0	10.9	6.0	9.4	52	..	1.6	..	0.8	0	0	12	01	1	2	0	5	0	2	0	19	0
	1730	1324	1499.4	868.1	-1.6	12.4	9.5	6.5	9.8	68	- 2	1.1	-1.0	0.9	0	0	9	05	0	0	1	0	3	0	0	22	0
SIKKIM																												
LACHEN	0830		(R)																									
HYDROMETEOROLOGICAL OBSERVATORIES																												
DAMODAR CATCHMENT																												
TILAIYA	0830		..	..	..	16.0	11.9	7.9	10.7	59	..	1.2	..	3.7	0	0	15	00	0	0	0	0	1	3	12	15	0
	1730		..	..	..	19.5	12.6	5.4	9.0	40	..	1.5	..	0.9	0	0	5	00	0	1	1	0	0	0	3	26	0
HAZARIBAGH	0830	615	1017.0	946.7	..	15.9	12.7	9.7	12.0	67	..	1.5	..	7.0	0	0	24	00	0	2	1	0	2	7	12	7	0
	1730	615	1014.1	944.0	..	15.9	12.4	9.6	11.9	66	..	1.6	..	3.0	0	0	11	00	0	0	0	0	0	5	6	20	0
KONAR	0830		(R)																									
	1730		(R)																									
BOKARO	0830	242	1016.6	988.1	..	14.6	11.1	7.5	10.4	63	..	0.7	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730	242	1013.4	985.5	..	19.5	14.2	9.6	11.9	53	..	0.4	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
MAITHON	0830		..	..	..	21.5	14.5	8.2	10.9	42	..	1.2	..	3.4	0	0	31	01	7	0	1	1	0	0	21	0	0
	1730		..	..	..	23.5	15.7	9.0	11.5	41	..	1.4	..	3.8	0	0	31	00	8	0	0	1	0	0	22	0	0
RAMGARH	0830		..	..	..	13.8	10.6	7.3	10.2	65	..	1.0	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	19.3	13.2	7.2	10.1	46	..	1.4	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
PANCHET HILLS	0830		..	..	..	16.1	12.9	10.0	12.3	68	..	1.6	..	1.5	0	0	22	00	0	0	0	0	14	0	8	9	0
	1730		..	..	..	21.5	14.8	8.9	11.4	45	..	1.5	..	0.5	0	0	8	00	0	0	0	0	0	0	8	23	0
DURGAPUR	0830		..	..	..	18.4	14.1	10.2	12.4	60	..	0.0	..	12.8	0	2	29	08	0	1	1	1	0	3	17	0	0
	1730		..	..	..	22.1	15.5	9.9	12.2	46	..	0.0	..	7.7	0	1	29	09	0	1	1	2	1	2	14	1	0
MAHANADI CATCHMENT																												
GINABAHAR	0830		..	..	..	14.8	11.1	7.6	10.5	63	..	1.3	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
HIRAKUD	0830	159	1017.3	998.8	..	19.6	15.0	11.8	13.8	63	..	1.6	..	2.8	0	0	18	09	7	0	1	0	0	0	0	13	1
	1130	159	1015.8	997.6	..	24.1	16.5	10.5	12.7	43	..	1.8	..	2.5	0	0	24	11	4	1	0	2	0	3	3	7	0
	1730	159	1013.0	994.8	..	23.9	17.3	12.4	14.4	48	..	2.2	..	0.1	0	0	1	01	0	0	0	0	0	0	0	30	0
BHIMKUND	0830		(R)																									
	1730		(R)																									
SONEPUR	0830		..	..	..	19.6	16.0	13.3	15.3	69	..	.	..	..	.	..	..	00	0	0	0	0	0	0	0	31	0
KHIJRAWAN	0830		..	..	..	17.7	14.1	11.1	13.2	66	..	1.7	..	3.6	0	0	30	00	3	15	4	1	3	3	1	1	0
	1730		..	..	..	23.5	15.9	9.3	11.9	41	..	2.0	..	4.6	0	0	30	05	10	2	6	2	4	0	1	1	0
NARMADA CATCHMENT																												
BAGRA TAWA	0830		..	..	..	15.0	10.9	6.4	9.7	57	..	1.0	..	6.9	0	0	23	03	11	2	1	2	3	0	1	8	0
	1730		..	..	..	23.3	15.6	9.4	11.5	40	..	1.1	..	4.9	0	0	23	00	5	9	6	1	1	1	0	8	0
PUNA SA	0830		..	..	..	17.4	12.7	8.3	10.9	55	..	0.9	..	2.3	0	0	27	00	25	1	0	0	1	0	0	4	0
	1730		..	..	..	25.9	17.6	11.2	13.3	40	..	1.3	..	2.2	0	0	24	00	18	4	0	0	2	0	0	7	0
THIKRI	0830		..	..	..	22.4	14.9	8.1	10.9	41	..	1.1	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
SABARMATI CATCHMENT																												
DAROI	0830		(R)																									
	1730		(R)																									

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS – DECEMBER, 1968 (AGRAHAYANA 10 - PAUSA 10, 1890 SAKA)

SUB-DIVISION AND STATION	Hour of observation I.S.T.	Station elevation in metres	Mean pressure in mbs.			Mean temperature in °C			Vapour pressure in mbs.	Relative Humidity %		Cloud Amount (Oktas)		Mean wind speed Km. per hour	No. of observations												
			At mean sea level or bt. in grs. of normal standard barometric level	At station level	Departure from normal	Dry Bulb	Wet Bulb	Dew point			Departure from normal	Mean amount	Departure from normal		Wind speed (Km. p. h.)			Wind direction									
															42 or more	20 to 41	1 to 19	N	NE	E	SE	S	SW	W	NW	Calm	Variable
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
GANDAK CATCHMENT																											
JAMOSOM	0830		..	..	..	2.2	0.2	- 2.8	5.0	72	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	17.4	3.0	- 3.0	4.9	50	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
KHUDI BAZAR	0830		..	..	..	12.4	8.4	4.0	8.2	57	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	16.1	12.0	8.4	11.1	61	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TIMURE	0830		..	..	..	6.7	1.7	- 7.0	3.6	40	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	10.5	6.3	1.6	6.9	55	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
POKHARA	0830		..	..	..	12.8	9.6	6.5	9.7	66	..	1.7	..	4.2	0	0	28	14	2	3	1	1	0	2	5	3	0
	1130		..	..	..	18.3	12.8	8.0	10.8	51	..	1.7	..	3.2	0	0	30	01	0	2	10	11	6	0	0	1	0
	1730		..	..	..	15.0	11.4	8.1	10.9	64	..	2.1	..	1.6	0	0	14	02	3	6	0	0	0	2	1	17	0
GORKHA	0830		..	..	..	13.5	11.0	8.8	11.4	74	..	2.0	..	..	.	..	..	00	2	0	4	14	3	3	3	2	0
	1130		..	..	..	16.3	12.9	10.2	12.5	67	..	2.0	..	..	.	..	..	00	2	0	10	10	3	2	4	0	0
	1730		..	..	..	14.4	11.5	8.8	11.4	70	..	1.3	..	..	.	..	..	03	0	0	0	0	1	2	20	5	0
NUWAKOT	0830		..	..	..	13.0	10.5	8.3	11.0	73	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	16.7	12.0	7.9	10.7	66	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)																											
DAILEKH	0830		..	..	..	11.0	7.1	2.1	7.2	57	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	13.8	8.7	3.1	7.9	52	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
GHAGHARA CATCHMENT																											
SALLYANA	0830		..	..	..	12.0	7.3	0.3	6.6	48	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	13.9	9.4	4.5	8.6	55	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BUTWAL	0830		..	..	..	17.6	13.8	10.5	12.8	64	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	18.9	15.8	13.5	15.6	71	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BAGHMATI CATCHMENT																											
KATMANDU	SEE UNDER NEPAL																										
KOSI CATCHMENT																											
CHAUTARA	0830		..	..	..	10.7	8.5	6.5	9.8	76	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	14.0	11.7	9.8	12.2	77	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
WALUNGCHUNG GOLA	0830		..	..	..	5.4	- 0.1	-10.1	3.0	37	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	1.7	- 1.1	- 5.5	3.9	60	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TAPLETHOK	0830		..	..	..	12.5	7.8	2.1	7.2	50	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	14.2	9.0	3.4	7.9	49	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BHOJPUR	0830		..	..	..	13.1	8.9	4.8	8.7	58	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	11.1	8.4	5.7	9.3	71	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
TAPLE JUNG	0830		..	..	..	7.7	5.3	2.7	7.4	72	..	1.3	..	2.4	0	0	24	00	1	2	1	9	9	2	0	7	0
	1130		..	..	..	13.9	8.6	3.3	7.8	49	..	1.5	..	4.1	0	0	31	04	1	0	1	2	0	6	15	0	2
	1730		..	..	..	10.7	6.9	3.0	7.6	59	..	1.5	..	6.1	0	1	26	00	0	1	5	16	3	1	0	4	1
OKHALDHUNGA	0830		..	..	..	11.0	7.6	4.3	8.4	64	..	1.9	..	0.2	0	0	1	00	0	1	0	0	0	0	0	30	0
	1130		..	..	..	14.9	9.4	4.3	8.4	50	..	1.6	..	0.2	0	0	1	00	0	0	0	0	0	1	0	30	0
	1730		..	..	..	9.5	7.6	5.7	9.2	77	..	1.9	..	1.1	0	0	7	00	0	0	0	0	0	6	1	24	0
CHAINPUR	0830		..	..	..	12.9	10.1	7.6	10.5	71	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
	1730		..	..	..	13.2	10.7	8.4	11.1	73	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..
BARAHAKSHETRA	0830	146	1018.4	1001.2	..	15.3	12.6	10.2	12.5	72	..	1.0	..	0.8	0	0	9	00	0	4	1	4	0	0	0	22	0
	1130	146	1015.6	998.7	..	21.1	15.9	11.7	13.8	56	..	2.0	..	0.6	0	0	5	00	0	0	0	3	1	1	0	28	0
	1730	146	1014.0	996.9	..	17.3	14.7	12.6	14.7	74	..	1.7	..	1.5	0	0	22	00	0	17	4	1	0	0	0	9	0
TISTA CATCHMENT																											
GANGTUK	0830	1756	1532.6	822.1	..	7.8	5.7	3.4	7.9	75	..	1.7	..	1.2	0	0	10	02	5	0	0	2	1	0	0	21	0
	1130	1756	1510.2	820.7	..	15.2	9.5	4.1	8.2	48	..	2.1	..	4.6	0	0	29	00	0	0	0	8	20	1	0	2	0
	1730	1756	1503.9	819.5	..	10.2	7.5	4.9	8.7	60	..	2.7	..	2.8	0	0	19	00	1	0	12	6	0	0	0	12	0
GEZING	0830		..	..	..	11.7	7.9	4.1	8.2	60	..	.	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..