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معلومات مناخية لشهر كانون الثاني ١٩٦٦

مجلد ٢٩ عدد (١) كانون الثاني ١٩٦٦

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METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL SECTION

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MONTHLY CLIMATOLOGICAL DATA FOR JANUARY 1 9 6 6

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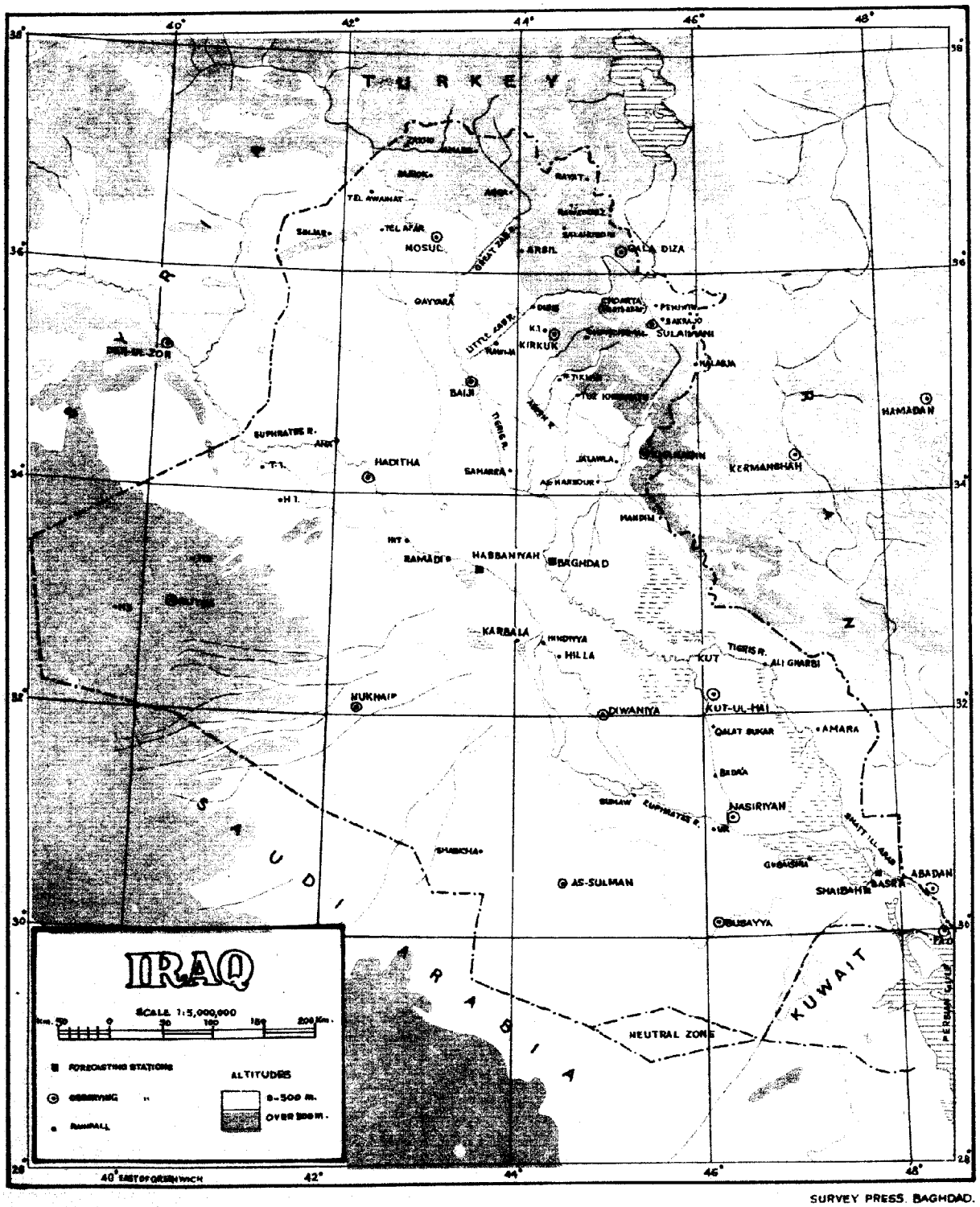
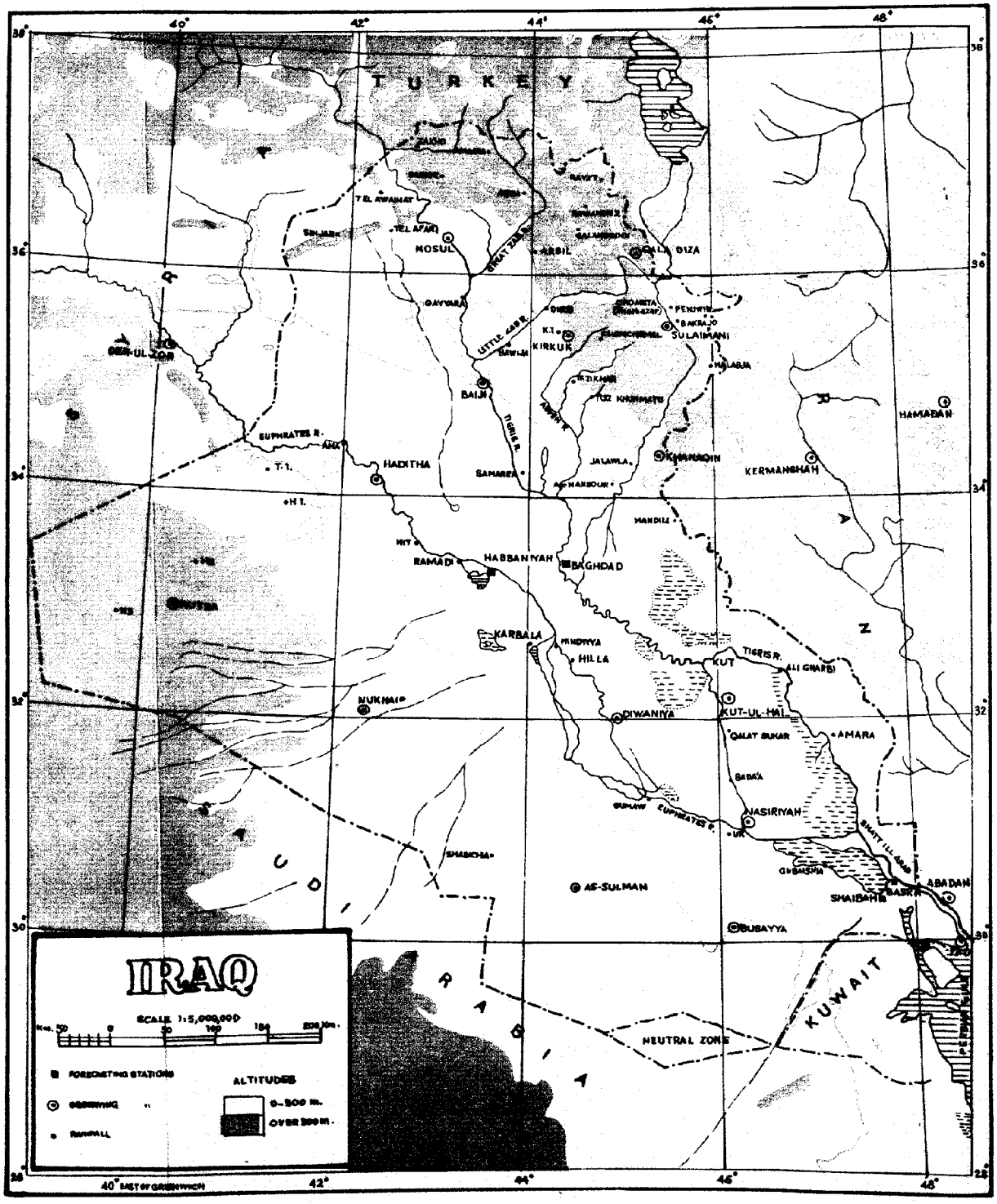


SURVEY PRESS. BAGHDAD.



SURVEY PRESS, BAGHDAD.

NOTES on TABLES

AIR PRESSURE : = Is expressed in Millibars, the initial 9 or 10 is being omitted. One millibar equals 1000 dynes per sq. cm. All mean pressures are reduced to Mean Sea Level .

TEMPERATURE : = (in Centigrades), the measurements of temperatures are made in Stevenson (Louvred) Screens in the open. The height of the thermometer bulbs is approximately 1.3 meter above the ground level .

RAINFALL : = (in Millimeters), the daily amount is for 24 hours from 0600 GMT. on the day of entry to 0600 GMT on the next day. A day is reckoned as a day of rain if the total rainfall is 0.2 mm. or more .

WEATHER : = Days of Fog or Dust Storm are those on which the range of vision is less than 1000 meters at any time of the day .

CLEAR DAYS : = Are those on which the average of cloud amount at all observation hours is 0 or 1 Oktas .

CLOUDY DAYS : = Are those on which the average of cloud amount is 7 or 8 Oktas .

TIMES : = Are in hours G.M.T. = Local time minus 3 hours .

OBSERVATIONS : G.M.T.

DAILY MEAN = $\frac{0000+0300+0600+0900+1200+1500+1800+2100}{8}$

GEOGRAPHICAL DATA

METEOROLOGICAL STATIONS

STATIONS	LATITUDE N.	LONGITUDE E.	HEIGHT ABOVE M.S.L. (METERS)
SINJAR	36 19 N.	41 50 E.	538 meters.
MOSUL	36 19	43 09	222.6
KIRKUK	35 28	44 24	330.8
KHANAQIN	34 18	45 26	204.2
RUTBAH	33 02	40 17	615.5
HABBANIYA	33 22	43 34	43.6
BAGHDAD	33 20	44 24	34.1
NUKHAIB	32 02	42 15	305
HAI	32 10	45 03	24.9
NAJAF	31 59	44 19	32
DIWANIYA	31 59	44 59	20.4
NASIRIYA	31 01	46 14	3
BASRAH	30 34	47 47	2.4

RAINFALL STATIONS

ZAKHO	37 08	42 41	442
AMADIA	37 05	43 30	1236
RAWANDUZ	36 37	44 33	1006
AQRA	36 45	43 53	715
TEL AWAINAT	36 41	[illegible]	[illegible]
TELLAFAR	36 22	[illegible]	[illegible]
SINJARA	35 18	[illegible]	[illegible]
ASHIL	36 11	44 00	472
CHAMCHAMAL	35 32	[illegible]	[illegible]
SULAIMANIYA	35 33	[illegible]	[illegible]
PENJWIN	35 37	[illegible]	[illegible]
HALABJA	35 34	[illegible]	[illegible]
[illegible]	35 11	[illegible]	[illegible]
[illegible]	35 03	44 27	[illegible]
CHUARTAH	35 44	45 33	1356
SALAHADDIN	36 37	44 13	1083
RAYAT	36 41	44 57	1510
SANAT	36 46	42 48	-
DUHOK	36 52	43 02	660
MIRZARUSTAM	36 03	44 58	459
SHAQLAWA	36 23	44 20	-
SARSANK	36 58	43 32	1016
BUNKIRD	36 03	45 03	706
HINDIYA	32 42	44 17	224
HILLA	32 29	44 26	27

RAINFALL STATIONS

STATIONS	LATITUDE N.	LONGITUDE E.	HEIGHT ABOVE M.S.L. (METERS)
KUT	32 30 n.	45 45 E.	19
MANDILY	33 45	45 33	137
AMARA	31 51	47 10	9
SHABICHA	30 42	43 41	-
SAMAWA	31 18	45 16	6
BADAA	31 26	46 11	9
UR	30 58	46 08	4
GHBAISHIYA	30 44	47 05	4
MIKAL	30 34	47 47	2
FAO	29 59	48 30	2
DIBIS	35 41	44 05	239
HAWLJA	35 31	44 18	305
TUZ	34 53	44 39	220
ANA	34 28	41 27	-
DIALA	34 25	45 01	68
JALAWLA	34 16	45 09	119
HIT	33 38	42 50	58
KARBALAA	32 37	44 01	29
BAIJI	34 56	43 29	115
SAMIRAA	34 11	43 50	65
RUMADI	33 25	43 17	49
HADITHA	34 04	42 22	140
ALI-ALGHARBI	32 28	46 41	13
GALAWLA	36 37	44 49	1050
BILI-ZIBAR	36 52	44 04	400
DIANA	36 39	44 33	700
TAQ-TAQ	35 53	44 35	300
DUKAN	35 37	45 00	670
IFRAZ	36 23	43 48	229
QADIR-KARAM	35 11	44 53	380
KANDAL-YARIM	35 45	43 39	340
KOUFRI	34 42	44 58	210
AIN-SIFNI	36 41	43 21	520
KOISINJANQ	36 05	44 48	610
FATHA	35 03	43 34	150
MAKHMUR	35 46	43 35	-
AL RUMIL	34 59	43 59	-
BERZINJA	35 23	45 41	-
DARBANDIKHAN	35 09	45 47	-
T 1	34 14	41 20	-
K 2 BAIJI	34 55	43 24	-
SIDIKAN	36 46	44 38	-
QARA-DAGH	35 19	45 24	-

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(1)

TABLE 1 - a

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

DAYS	SINJAR	MOSUL	[illegible]	RUTBAH	HABBANIYA	BAGHDAD
1	8.6	9.4	12.6	12.9	11.7	11.2
2	10.6	9.9	11.2	12.4	14.3	14.7
3	8.5	10.[illegible]	11.7	[illegible]	11.8	12.6
4	[illegible]	8.1	[illegible]	8.9	8.6	10.1
5	[illegible]	10.4	13.[illegible]	11.1	13.4	13.8
6	11.6	11.7	16.1	9.6	12.1	13.4
7	12.5	11.0	17.[illegible]	11.2	13.0	16.3
8	12.3	12.1	15.[illegible]	9.0	13.2	15.1
9	10.6	9.8	11.7	9.4	10.8	13.7
10	8.2	8.3	11.0	7.6	10.[illegible]	12.1
11	8.7	8.4	10.0	5.3	9.2	9.5
12	6.7	6.2	8.1	6.6	7.9	8.2
13	7.4	7.0	9.4	6.5	7.8	8.1
14	8.3	6.5	8.6	5.9	7.4	8.3
15	8.5	7.5	9.4	9.0	9.3	8.4
16	9.7	7.4	10.0	9.4	8.1	8.9
17	10.2	9.5	11.8	12.7	10.[illegible]	11.1
18	12.1	10.5	13.1	10.2	13.4	14.6
19	13.3	11.7	15.1	9.4	15.0	17.2
20	12.9	11.3	13.5	9.8	14.1	14.2
21	9.9	12.3	13.6	11.1	11.1	12.0
22	11.9	11.1	13.2	11.4	10.5	12.5
23	12.1	12.9	15.3	11.4	14.7	15.4
24	10.5	12.7	13.8	12.4	14.3	14.9
25	11.3	14.0	15.0	13.7	14.0	15.0
26	9.8	12.4	14.1	11.9	15.7	16.0
27	9.5	10.6	12.2	10.1	11.6	12.2
28	9.7	10.9	12.0	11.6	13.2	12.8
29	11.9	13.1	15.[illegible]	12.4	14.1	16.4
30	9.1	12.5	13.5	10.3	15.[illegible]	15.8
31	10.3	11.9	12.7	9.4	11.7	13.[illegible]
MEANS	10.2	10.4	12.7	10.1	11.9	12.9
DEPARTURE FROM NORMAL	....	+3.9	+4.1	+3.3	+2.4	+3.0

NOTE : AT SINJAR OBSERVATIONS 0000 & 2100 ARE MISSED.

T I M E - G. M. T.

$$\frac{0000 + 0300 + 0600 + 0900 + 1200 + 1500 + 1800 + 2100}{8} = \text{DAILY MEAN}$$

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TABLE 1 -b.

DAILY MEAN TEMPERATURES (°C) OF 8 OBSERVATIONS

DAYS	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	14.1	13.1	12.6	11.8	12.7	13.3
2	16.3	15.1	14.9	14.7	14.6	14.9
3	12.8	14.5	13.0	11.4	13.8	15.4
4	12.6	14.4	11.9	11.2	13.0	14.1
5	14.7	16.5	13.6	14.5	15.3	15.9
6	15.2	16.9	14.2	15.2	16.9	16.7
7	15.5	18.4	15.0	15.5	18.7	17.8
8	13.7	18.1	14.4	15.2	16.5	15.9
9	12.2	16.1	13.1	14.2	14.5	15.8
10	11.2	15.1	11.9	12.9	12.9	14.9
11	9.9	13.8	10.4	10.8	11.8	14.9
12	10.1	10.2	10.6	8.6	10.5	13.2
13	10.6	11.5	10.1	9.2	9.6	12.2
14	11.3	11.4	9.4	9.1	9.9	10.5
15	11.2	12.2	10.3	8.9	9.5	10.2
16	11.6	13.0	11.3	9.6	10.0	10.7
17	14.1	12.1	11.4	10.8	9.9	10.6
18	14.4	12.1	14.0	14.4	14.2	14.4
19	13.9	16.3	14.8	16.2	15.3	15.8
20	13.3	12.2	12.4	13.0	13.0	13.4
21	12.6	13.8	12.2	11.9	11.5	15.0
22	11.4	15.2	12.7	12.6	13.1	15.1
23	17.3	16.5	14.9	16.2	16.2	16.3
24	17.4	14.6	15.0	15.0	16.6	18.0
25	14.7	18.1	15.6	17.1	18.0	19.2
26	15.2	16.7	15.7	16.5	19.8	19.5
27	13.4	16.2	13.7	13.7	15.6	17.5
28	14.9	14.3	14.2	13.5	14.5	16.5
29	15.7	18.7	15.9	17.4	18.8	17.3
30	15.8	19.5	15.8	16.7	20.2	21.1
31	13.7	18.1	15.2	15.0	17.1	19.1
MEANS	13.6	15.0	13.2	13.4	14.3	15.3
DEPARTURE FROM NORMAL	....	+3.8	....	+3.0	+2.5	+3.3

NOTE : AT NUKHAIB OBSERVATIONS 0000 , 0300 , 1800 & 2100 ARE MISSED.
AT HAI OBSERVATIONS 0000 & 2100 ARE MISSED.

ARY 1966.

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LY MEAN PRESSURE (MILLIBARS) AT ... OBSERVATIONS

	SINJAR	MOSUL	KIRKUK	RUTBAH	HABBANIYA	BAGHDAD
	1021.3	1023.5	[illegible]	[illegible]	[illegible]	[illegible]
	16.7	16.9	15.8	14.0	14.8	14.5
	20.9	20.0	[illegible]	[illegible]	15.6	16.3
	25.1	22.0	21.9	[illegible]	21.9	22.1
	20.3	20.6	20.2	17.5	19.0	19.8
	18.9	19.4	[illegible]	[illegible]	17.7	17.8
	17.4	17.8	[illegible]	16.3	14.6	15.6
	17.3	17.6	14.8	18.0	17.3	16.6
	19.4	19.4	19.5	18.6	19.0	18.7
	19.5	13.4	[illegible]	16.5	[illegible]	17.8
	18.6	18.2	[illegible]	19.9	[illegible]	17.6
	16.0	17.3	[illegible]	18.5	[illegible]	18.0
	21.8	22.4	21.5	[illegible]	[illegible]	21.5
	26.6	26.5	24.7	24.5	[illegible]	25.7
	25.1	27.2	26.3	[illegible]	19.8	26.4
	26.7	27.0	[illegible]	21.6	[illegible]	21.7
	21.5	22.0	21.4	17.8	[illegible]	21.3
	19.3	19.8	17.4	17.4	[illegible]	17.9
	18.6	19.7	17.9	[illegible]	[illegible]	17.4
	20.5	21.7	21.1	19.2	[illegible]	20.2
	24.2	24.3	23.5	20.6	[illegible]	23.4
	24.7	25.1	24.4	21.6	24.2	24.2
	22.0	22.0	21.6	17.5	20.2	21.0
	19.1	19.9	18.0	17.1	17.8	18.0
	19.5	18.8	19.1	[illegible]	17.2	17.7
	09.2	11.2	12.2	11.9	11.2	12.2
	19.0	19.3	18.7	19.0	18.3	18.7
	21.9	16.1	20.0	15.1	16.9	19.5
	15.1	15.2	14.7	12.0	12.1	12.9
	07.5	10.1	10.4	11.2	10.0	10.3
	20.6	20.6	19.5	18.0	16.9	17.9
MEANS	1019.9	1019.9	1019.6	1018.4	1018.5	1019.2
DEPARTURE FROM NORMAL	0.0	-0.1	+0.5	-1.5	-0.2	-0.2

STATIONS	HIGHEST	TIME	DAY	YEAR	LOWEST	TIME	DAY	YEAR	
SINJAR	1027.9	0600	16th	1966	1006.4	0900	30th	1966	1966
MOSUL	1029.5	0600	15th	1966	1005.6	0900	30th	1966	
KIRKUK	1027.7	0300	16th	1966	1007.1	0300	30th	1966	
RUTBAH	1027.3	0600	15th	1966	1007.3	0000	30th	1966	
HABBANIYA	1027.6	0600	16th	1966	1006.3	0300	30th	1966	
BAGHDAD	1027.9	0600	16th	1966	1005.2	0300	30th	1966	
SINJAR	1033.5	0600	3rd	1964	999.7	1800	8th	1965	RECORD
MOSUL	1038.4	0600	7th	1942	994.8	0200	28th	1940	
KIRKUK	1032.0	0600	30th	1964	997.1	1800	19th	1965	
RUTBAH	1039.3	0000	7th	1942	999.0	1200	19th	1965	
BAGHDAD	1036.0	0600	7th	1942	998.4	1500	19th	1965	

E 2 b. المعدل اليومي للضغط الجوي على سطح البحر (ملليبارات)

LYMEAN PRESSURE (MILLIBARS) AT M . S . L . OF 8 OBSERVATIONS

الايام	نخيب	حي	نجف	ديوانية	ناصرية	بصرة
S	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
	1020.8	1021.9	1022.0	1022.8	1024.9	1022.0
	12.1	17.8	15.2	16.7	17.4	19.0
	20.3	18.0	18.9	19.7	17.5	18.4
	20.8	20.9	21.6	22.0	20.9	20.5
	17.4	19.2	18.6	19.5	19.3	19.6
	17.6	18.0	16.5	17.6	17.5	18.5
	15.4	16.3	15.0	15.3	15.6	17.1
	17.9	15.7	16.4	16.3	15.8	16.2
	18.8	17.3	18.2	18.5	17.1	16.8
	18.0	15.2	17.0	16.8	15.6	15.3
	18.5	16.0	17.7	17.5	16.1	15.4
	17.6	16.7	17.1	18.2	17.3	17.0
	22.1	20.2	20.9	21.7	20.7	20.6
	25.7	24.1	25.4	25.6	24.4	24.9
	25.2	24.9	25.4	26.0	25.3	25.0
	24.0	24.6	25.2	25.6	24.8	24.6
	19.4	21.1	20.6	21.5	21.3	21.8
	16.0	18.4	19.0	17.3	17.9	19.4
	16.1	16.9	19.9	16.4	16.7	18.6
	18.2	20.1	18.8	20.0	19.7	20.3
	21.5	22.2	22.0	23.1	21.9	21.8
	23.4	23.2	21.1	24.1	23.0	22.8
	17.8	21.5	20.1	21.1	20.9	21.5
	15.2	18.6	16.6	17.8	17.7	19.0
	16.5	17.9	16.6	17.3	17.3	18.1
	11.7	12.3	11.5	12.5	12.6	14.2
	19.2	17.7	18.2	19.0	17.8	17.2
	17.2	19.4	18.6	19.2	18.8	18.8
	10.7	13.4	11.7	12.3	12.0	14.9
	11.0	10.8	10.0	10.8	09.8	10.7
	18.8	17.7	17.9	18.1	16.4	15.9
EANS	1018.2	1018.6	1018.6	1019.0	1018.4	1018.8
EPARTURE FROM NORMAL	....	-0.7	....	+0.3	-0.2	+0.2

STATIONS	HIGHEST	TIME	DAY	YEAR	LOWEST	TIME	DAY	YEAR	
UKHAIB	1027.6	0600	14th	1966	1008.6	1245	29th	1966	1966
AI	1026.6	0600	16th	1966	1009.4	0600	30th	1966	
AJAF	1027.2	0600	14th	1966	1006.7	0003	30th	1966	
IWANIYA	1027.7	0600	16th	1966	1006.9	0300	30th	1966	
ASIRIYA	1026.9	0600	16th	1966	1006.3	0300	30th	1966	
ASRAH	1026.6	0600	16th	1966	1008.7	0300	30th	1966	
AI	1030.8	0600	30th	1964	1001.6	1500	19th	1965	RECORDS
UKHAIB	1032.7	0600	30th	1964	999.2	1200	19th	1965	
AJAF	1032.8	0600	30th	1964	999.7	1200	19th	1965	
IWANIYA	1036.1	0600	7th	1942	1000.0	2100	10th	1953	
ASIRIYA	1035.9	0600	7th	1942	1001.9	1200	19th	1965	
ASRAH	1035.1	0600	7th	1942	1003.1	0200	28th	1940	

[illegible] 1956

[illegible] - 3.

DAILY MEAN RELATIVE HUMIDITY ([illegible]) OF 8 OBSERVATIONS

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	SIN-JAR	MO-SUL	KIR-KUK	RUT-BAH	HABB-ANIYA	BAG-HDAD	NUK-HAIB	HAI	NA-JAF	DIWA-NIYA	NASI-RIYA	BAS-RAH
1	64	83	62	38	68	59	39	70	57	65	57	64
2	63	73	46	54	47	52	22	54	49	49	54	65
3	77	82	65	66	66	44	49	71	58	62	54	[illegible]
4	69	82	63	59	71	72	43	64	54	59	58	68
5	61	74	50	44	64	57	34	57	55	53	54	61
6	66	68	44	52	65	52	32	56	55	57	52	64
7	46	84	38	47	63	54	38	48	56	49	43	53
8	46	65	42	53	58	54	40	54	54	53	49	44
9	53	68	61	51	68	52	49	52	59	55	52	64
10	77	79	61	55	67	52	54	59	60	57	67	62
11	63	80	68	50	73	67	45	64	67	68	60	60
12	84	84	64	51	68	62	43	58	55	62	56	56
13	70	76	59	54	73	64	45	51	64	63	54	56
14	58	88	62	42	71	64	39	60	64	66	58	58
15	62	72	56	36	64	60	42	58	57	62	57	59
16	52	71	52	32	62	59	39	54	53	52	54	64
17	43	62	45	35	54	50	44	58	57	56	52	58
18	36	58	34	40	47	43	43	49	54	39	41	45
19	40	55	40	40	48	41	53	47	57	53	66	74
20	49	70	68	44	72	76	49	94	79	89	86	83
21	92	83	69	72	94	86	84	85	90	92	92	84
22	76	78	66	82	87	82	89	78	84	87	86	77
23	78	69	51	87	74	57	66	74	73	70	72	70
24	92	89	80	59	93	86	80	87	87	88	76	70
25	99	92	83	58	93	82	93	70	85	79	72	67
26	96	90	80	57	79	85	49	83	72	79	56	58
27	78	86	77	58	75	78	50	70	69	74	57	62
28	66	82	73	49	76	77	47	74	67	72	64	63
29	63	74	56	52	77	66	54	64	64	64	64	60
30	83	83	73	59	69	67	56	70	69	72	57	78
31	74	79	63	49	73	75	44	70	67	70	52	83
MEANS	67	77	60	52	69	65	49	62	64	66	60	65
NORMAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71	[illegible]	[illegible]	[illegible]	72	[illegible]	[illegible]

STATIONS	HIGHEST	TIME	DAY	LOWEST	TIME	DAY
SINJAR	100	0900	26th	21	1200	17th
MOSUL	100	0600	12th	19	1200	18th
KIRKUK	96	1800	26th	15	1200	2&18th
RUTBAH	98	0000	23rd	17	1200	16th
HABBANIYA	100	1800	25th	18	1200	2nd
BAGHDAD	96	0300	22&24th	25	1200	2nd
NUKHAIB	100	0600	25th	8	1200	2nd
HAI	93	0000	21st	23	1200	7th
NAJAF	100	0600	21st	29	1200	2nd
DIWANIYA	98	0600	22nd	22	1200	2nd
NASIRIYA	97	0300	21&22	23	1200	31st
BASRAH	98	2100	30th	18	1200	7th.

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ABLE 4-B

درجات الحرارة العظمى والصغرى اليومية (مستوراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C)

الأيام	سنجار		موصل		كركوك		خانقين		رطبة	
	SINJAR		MOSUL		KIRKUK		KHANAQIN		RUTBAH	
	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى
DAYS	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
1	3.3	15.3	4.8	18.2	6.8	21.3	4.4	25.0	4.5	23.0
2	3.9	16.1	2.4	19.6	7.6	21.8	3.9	22.8	4.6	22.2
3	4.9	14.1	8.2	15.3	9.4	16.4	7.2	19.4	3.7	16.0
4	3.9	15.2	1.4	17.5	5.2	19.7	8.3	20.0	1.5	17.0
5	3.9	13.4	1.8	18.2	6.7	21.5	4.4	24.4	4.3	19.0
6	7.1	16.9	5.4	21.8	10.9	22.2	7.8	26.1	1.0	18.6
7	8.8	20.2	3.4	22.5	11.4	24.6	8.3	27.8	1.8	20.8
8	8.7	16.2	7.4	15.6	13.7	22.0	12.2	23.3	4.4	15.5
9	7.1	14.8	4.3	15.3	5.3	17.7	3.3	21.1	1.3	16.0
10	6.3	10.2	2.8	13.5	6.4	17.8	4.4	20.0	3.2	12.6
11	4.2	12.4	3.7	15.2	3.5	18.2	2.2	18.3	-1.7	12.3
12	4.0	10.2	1.2	11.6	4.6	12.9	2.2	14.4	0.4	12.0
13	3.1	13.4	0.2	15.2	3.1	14.9	1.1	14.4	1.0	13.8
14	2.7	14.0	-0.7	15.2	3.6	15.0	-1.1	16.1	-2.4	14.4
15	4.2	13.6	2.2	15.8	4.0	16.6	-1.1	16.7	-1.0	18.8
16	5.1	15.2	-0.1	17.3	4.4	16.9	-1.1	18.3	1.0	18.0
17	5.8	16.1	3.2	17.7	6.8	19.8	1.6	21.1	-1.2	22.2
18	7.6	16.7	3.8	19.4	8.0	20.4	3.9	22.8	1.5	19.0
19	8.7	18.6	5.2	20.5	9.1	21.7	8.3	22.8	2.3	17.0
20	9.1	16.3	5.4	17.9	9.9	17.8	9.4	15.6	1.5	17.5
21	8.7	11.0	7.2	16.3	10.8	18.5	7.8	20.0	4.4	19.0
22	8.2	15.2	4.4	20.4	3.9	21.4	3.9	22.2	7.0	19.0
23	9.6	14.2	6.2	20.3	8.0	22.5	5.0	23.3	10.5	14.5
24	9.1	11.4	8.2	15.0	10.5	16.3	7.8	14.4	5.0	21.5
25	10.4	12.6	11.6	15.3	12.2	16.2	10.0	21.7	8.0	22.0
26	10.4	11.3	12.4	14.6	14.0	18.6	10.0	21.1	10.0	16.0
27	5.8	14.3	6.6	16.7	8.6	17.3	7.8	18.3	3.4	15.0
28	5.3	13.9	5.9	16.4	7.2	18.6	5.5	18.3	4.2	18.5
29	9.1	14.4	7.8	18.4	9.9	20.2	7.8	18.3	8.0	18.0
30	9.1	13.8	10.2	16.6	12.0	18.5	10.6	21.1	7.5	15.0
31	6.6	14.3	8.3	18.1	7.1	19.5	6.1	18.9	2.2	15.0
MEANS	6.6	14.3	5.0	17.3	7.9	18.9	5.7	20.3	3.2	17.4
DEPARTURE FROM NORMAL	----	---	+3.0	+4.8	+3.6	+5.5	+1.0	+4.8	+2.0	+4.2

درجات الحرارة العظمى والصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES [illegible]

الايام	خانقين		بغداد		نخيب		حي	
	KHANAQIN		BAGHDAD		NUKHAIB		HAI	
	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DATE	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	19.5	5.1	20.0	4.0	[illegible]	5.0	[illegible]	5.0
2	[illegible]	7.6	[illegible]	[illegible]	[illegible]	5.0	21.[illegible]	[illegible]
3	17.2	8.1	18.6	7.4	18.0	4.5	20.5	9.5
4	19.2	[illegible]	18.5	[illegible]	18.2	1.6	[illegible]	[illegible]
5	21.1	5.7	21.[illegible]	[illegible]	21.6	3.4	22.[illegible]	7.3
6	20.6	4.5	22.7	[illegible]	20.5	3.4	26.[illegible]	7.0
7	22.8	5.6	24.0	[illegible]	[illegible]	4.0	27.[illegible]	[illegible]
8	21.1	[illegible]	[illegible]	[illegible]	18.8	5.5	[illegible]	11.0
9	15.4	5.9	[illegible]	[illegible]	17.0	[illegible]	23.4	[illegible]
10	17.0	4.1	18.0	5.7	15.0	1.3	22.4	[illegible]
11	15.6	4.9	16.3	[illegible]	14.1	1.0	24.0	[illegible]
12	15.2	1.7	[illegible]	0.5	15.9	0.0	[illegible]	[illegible]
13	15.0	2.9	[illegible]	2.1	16.5	1.6	18.4	[illegible]
14	16.0	[illegible]	16.1	[illegible]	16.0	[illegible]	18.8	[illegible]
15	17.8	0.0	17.5	[illegible]	16.2	[illegible]	18.0	[illegible]
16	18.0	1.1	17.0	[illegible]	18.2	-2.0	20.1	[illegible]
17	18.9	3.4	19.6	2.8	20.3	[illegible]	20.1	[illegible]
18	21.1	7.4	21.4	[illegible]	19.8	4.0	21.0	[illegible]
19	20.8	6.4	22.8	[illegible]	20.1	4.0	21.2	11.0
20	20.0	9.5	17.0	[illegible]	18.1	4.0	15.8	11.0
21	16.1	7.8	16.7	8.9	16.5	7.0	19.0	8.0
22	17.2	8.5	20.6	6.8	12.[illegible]	9.0	22.4	7.0
23	21.6	6.4	22.5	7.3	21.6	9.2	[illegible]	8.0
24	15.5	10.5	16.0	11.3	20.5	9.0	16.4	11.0
25	17.2	11.4	21.0	12.0	15.8	13.0	23.8	12.4
26	19.5	12.6	20.3	13.0	19.5	11.6	20.4	12.4
27	16.6	7.2	18.3	7.2	17.0	5.0	22.0	12.0
28	19.2	6.3	16.2	5.8	18.9	6.0	20.2	8.0
29	17.8	11.0	21.0	10.4	20.8	7.0	24.6	9.2
30	20.9	12.1	20.6	13.0	19.6	7.0	24.2	13.0
31	16.7	7.1	18.0	5.1	17.6	6.1	21.0	9.0
MEANS	18.7	6.2	19.3	5.8	18.5	4.2	21.5	7.8
DEPARTURES FROM NORMAL	+3.7	+1.9	+3.4	+2.6	....	....	+4.1	+2.6

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كانون الثاني ١٩٦٦

TABLE 4 C.

درجات الحرارة العظمى و الصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	نجف		ديوانية		ناصرية		بصرة	
	NAJAF		DIWANIYA		NASIRIYA		BASRAH	
الايام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	21.1	5.7	21.8	5.0	20.4	6.7	22.2	5.9
2	23.8	6.4	24.0	5.2	22.2	5.2	24.5	5.5
3	18.3	9.2	19.6	7.3	20.2	9.2	25.2	8.6
4	18.6	5.6	19.6	3.0	20.0	5.8	21.4	7.2
5	20.8	5.3	22.2	8.6	21.5	9.1	26.0	9.0
6	21.0	9.0	24.9	8.5	23.9	9.4	25.7	9.2
7	22.7	7.2	26.8	10.1	26.7	9.2	30.1	9.6
8	20.8	7.0	24.0	6.8	24.5	12.1	21.9	11.1
9	20.3	6.8	22.0	7.3	22.3	7.6	24.5	8.6
10	18.7	7.2	19.3	8.6	17.8	8.7	20.1	9.2
11	16.4	5.8	18.0	6.4	19.4	5.3	22.6	10.1
12	17.2	3.3	17.2	2.0	15.7	5.6	17.4	10.0
13	15.8	5.4	16.8	1.2	17.3	1.6	19.4	5.9
14	16.6	2.4	17.0	0.8	17.5	3.1	19.2	2.8
15	16.5	2.0	18.0	1.5	17.3	0.8	18.5	2.2
16	18.4	2.6	18.9	1.8	18.2	1.1	20.3	2.7
17	19.0	3.4	19.4	2.0	16.8	0.8	22.1	2.1
18	21.8	6.0	22.0	7.4	18.6	8.6	23.7	2.8
19	21.4	5.6	22.0	10.9	18.0	11.2	21.0	10.0
20	15.0	6.4	15.0	12.0	13.5	12.5	16.8	13.2
21	14.3	9.0	16.0	8.6	14.8	8.7	21.3	10.9
22	18.4	8.0	20.1	6.5	19.8	7.5	22.5	8.8
23	22.3	7.0	24.0	9.0	21.8	8.6	25.5	9.4
24	17.7	10.5	16.2	14.3	19.4	13.7	24.8	13.3
25	22.1	8.4	23.5	12.0	23.4	13.0	28.2	12.0
26	21.4	10.0	23.0	14.5	25.5	15.5	27.5	12.0
27	18.7	9.0	19.0	10.0	22.3	11.3	23.9	13.8
28	20.4	7.8	21.4	6.6	20.6	7.9	22.8	10.2
29	23.6	7.4	24.5	10.4	25.7	11.7	28.0	12.0
30	21.0	11.0	21.8	13.8	26.8	15.5	25.7	16.3
31	22.2	8.4	21.0	9.2	23.8	12.2	25.8	14.7
MEAN	19.6	6.7	20.6	7.5	20.5	8.4	23.2	9.0
DEPARTURE FROM NORMAL	****	***	+3.6	+4.0	+2.5	+2.8	+4.9	+1.9

[illegible]

[illegible]

[illegible]

STATION	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
SINJAR	20.2	7th	1966	-5.0	19th	1964
MOSUL	22.5	7th	1966	-1.1	3rd	1925
KIRKUK	24.6	7th	1966	-6.7	26th	1947
KHANAQIN	27.3	7th	1966	-6.7	7th	1942
RUTBAH	25.0	19th	1960	-14.4	6th	1942
HABBANIYA	26.1	28th	1941	-8.9	5,6&7th	1942
BAGHDAD	25.0	21st	1948	-8.5	20th	1964
NUKHAIB	26.0	23rd	1963	-8.9	22nd	1964
HAI	27.8	7th	1966	-8.2	20th	1964
NAJAF	24.4	15th	1963	-7.2	20th	1964
DIWANIYA	26.8	7th	1966	-8.3	29th	1950
NASIRIYA	26.3	16th	1960	-7.2	8th	1942
BASRAH	30.1	7th	1966	-4.7	22nd	1964

TABLE 5. MONTHLY MEAN DRY - BULB TEMPERATURES (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
	TIME - G.M.T.								
SINJAR	....	7.7	8.6	11.6	13.0	10.5	9.3	....	10.1
MOSUL	7.1	6.2	7.6	14.0	16.5	13.1	10.1	8.2	10.4
KIRKUK	10.1	9.3	10.9	16.4	17.9	14.4	12.1	10.8	12.7
KHANAQIN	....	8.0	11.4	17.4	19.6	16.3	12.3	....	14.2
RUTBAH	6.0	4.7	7.2	14.6	16.9	14.0	9.7	7.4	10.1
HABBANIYA	8.1	7.3	9.9	16.4	18.5	14.5	11.4	9.6	12.0
BAGHDAD	9.4	8.5	10.7	17.0	18.7	15.9	12.7	11.1	13.0
NUKHAIB	....	....	7.5	14.7	18.0	16.3	11.5	....	13.6
HAI	....	9.0	11.1	18.9	22.0	16.2	13.3	....	15.1
NAJAF	9.5	7.5	10.4	16.6	19.4	16.7	14.0	11.7	13.2
DIWANIYA	9.5	8.2	11.3	18.2	20.5	15.9	12.6	11.4	13.5
NASIRIYA	10.9	9.5	11.9	18.1	20.2	17.4	14.3	12.3	14.3
BASRAH	11.4	10.4	13.4	20.5	22.0	17.6	14.7	13.0	15.4

TABLE 6. MONTHLY MEAN VAPOUR PRESSURE (MILLIBARS)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	....	7.4	8.0	9.1	8.8	8.5	8.1	....	8.3
MOSUL	8.8	8.6	9.0	10.4	9.9	10.2	9.6	9.1	9.5
KIRKUK	8.4	8.3	8.3	8.6	8.4	8.8	8.7	8.5	8.5
KHANAQIN	....	7.9	8.2	9.2	9.5	8.9	8.5	....	8.7
RUTBAH	5.9	5.9	6.3	6.7	6.1	6.5	6.6	5.8	6.2
HABBANIYA	9.0	8.8	9.5	10.3	9.7	10.1	9.6	9.1	9.5
BAGHDAD	8.9	8.9	9.5	10.4	10.2	10.2	9.6	9.2	9.6
NUKHAIB	....	....	7.4	7.6	7.7	7.6	7.4	....	7.5
HAI	....	9.4	10.4	12.5	11.7	11.5	10.4	....	10.9
NAJAF	8.9	8.5	9.2	10.1	10.6	10.4	10.1	9.6	9.7
DIWANIYA	9.0	8.9	9.9	10.9	10.6	10.7	10.1	9.7	10.0
NASIRIYA	9.0	8.8	9.4	10.1	9.9	10.5	10.0	9.6	9.7
BASRAH	10.6	10.1	11.3	12.0	11.4	11.8	11.5	11.4	11.3

TABLE 7. المعدل الشهري لدرجات الحرارة للبصلة الرطبة (سنتغراد)

MONTHLY MEAN WET - BULB TEMPERATURES (C°)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	...	5.5	6.5	8.8	9.1	7.8	6.8	...	7.4
MOSUL	6.2	5.4	6.5	10.8	11.7	10.2	8.3	7.0	8.3
KIRKUK	7.5	6.9	7.8	10.8	11.4	9.9	8.7	8.2	8.9
KHANAQIN	...	5.9	7.8	11.6	12.9	10.9	8.6	...	9.6
RUTBAH	3.4	2.7	4.5	8.8	9.6	8.3	6.1	4.5	6.0
HABBANIYA	6.1	6.1	8.0	11.8	12.6	10.8	8.8	7.7	9.0
BAGHDAD	7.4	6.8	8.5	12.0	12.9	11.6	9.6	4.9	9.2
NUKHAIB	...	...	5.2	9.4	11.1	10.1	7.5	...	8.7
HAI	...	7.4	8.3	13.5	14.3	12.9	10.8	...	11.2
NAJAF	7.5	6.1	8.1	11.8	13.3	12.0	10.5	9.0	9.8
DIWANIYA	7.5	6.7	8.9	12.9	13.7	11.7	9.8	8.7	10.0
NASIRIYA	8.3	7.3	9.0	12.5	13.3	12.4	10.6	9.3	10.3
BASRAH	9.5	8.7	10.9	14.5	14.9	13.1	11.7	10.8	11.8

TABLE 8. MONTHLY MEAN DEW-POINT (C°) المعدل الشهري لدرجة الندى (سنتغراد)

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	...	2.1	3.4	5.1	4.5	4.4	3.5	...	3.8
MOSUL	4.6	4.4	5.1	7.3	6.5	6.8	6.2	5.4	5.8
KIRKUK	4.1	3.9	3.9	4.2	3.8	4.5	4.4	4.2	4.1
KHANAQIN	...	3.3	5.0	5.3	6.0	4.8	4.5	...	4.8
RUTBAH	-1.1	-1.0	0.1	0.8	-0.5	0.3	0.5	-0.3	-0.1
HABBANIYA	5.0	4.6	5.7	6.6	6.3	6.7	5.9	5.2	5.7
BAGHDAD	4.8	4.7	6.0	7.0	6.8	6.8	5.9	5.5	5.9
NUKHAIB	...	...	1.2	2.4	2.3	2.3	2.0	...	2.0
HAI	...	5.7	6.5	9.5	9.1	8.7	6.7	...	7.7
NAJAF	4.8	4.1	5.0	6.6	7.3	7.0	6.7	5.9	5.9
DIWANIYA	4.8	4.7	5.9	7.8	6.9	7.4	6.6	6.0	6.3
NASIRIYA	5.1	4.6	5.6	6.6	6.3	7.3	6.6	5.9	6.0
BASRAH	7.4	6.6	8.2	9.0	8.2	8.7	8.6	8.4	8.4

TABLE 9. MONTHLY MEAN RELATIVE HUMIDITY (%) المعدل الشهري للرطوبة النسبية

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	...	70	70	65	61	67	69	..	67
MOSUL	87	89	85	65	54	68	78	83	76
KIRKUK	69	71	65	48	43	55	63	67	60
KHANAQIN	..	72	60	47	43	49	59	..	55
RUTBAH	62	68	61	42	33	41	55	59	53
HABBANIYA	82	84	77	56	47	61	71	76	69
BAGHDAD	74	78	72	55	48	56	65	71	65
NUKHAIB	..	..	66	46	38	41	53	..	49
HAI	..	81	75	56	47	62	68	..	65
NAJAF	74	80	71	56	48	55	63	69	64
DIWANIYA	76	79	71	53	46	56	69	73	65
NASIRIYA	69	72	66	49	43	53	61	66	60
BASRAH	77	78	72	49	43	58	68	74	65

NOTE: TIME IS G.M.T.

TABLE 10 المعدل الشهري للضغط الجوي على سطح البحر (ملليبارات)

MONTHLY MEAN PRESSURE (MBS) AT M.S.L.

P = 1000 + Po - To

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	....	20.5	20.9	20.2	18.7	19.1	19.6	....	1019.8
MOSUL	20.8	21.0	21.7	20.5	18.5	18.9	19.9	20.4	1020.2
KIRKUK	20.2	20.1	20.7	19.7	17.9	18.6	19.7	20.0	1019.6
KHANAQIN	....	21.6	21.3	19.4	17.5	18.4	20.2	....	1019.8
RUTBAH	18.1	18.7	20.2	19.0	17.3	17.5	18.5	18.0	1018.4
HABBANIYA	19.1	19.4	20.1	19.5	17.6	18.0	18.7	18.9	1018.9
BAGHDAD	19.3	19.3	20.3	20.0	18.1	18.5	18.9	19.1	1019.2
NUKHAIB	....	....	20.4	19.0	16.8	16.9	18.1	....	1018.2
HAI	....	18.8	19.8	19.4	17.6	17.8	18.6	....	1018.5
NAJAF	18.0	18.2	19.7	19.1	17.3	17.3	18.2	18.4	1018.3
DIWANIYA	19.1	19.3	20.4	19.6	17.8	18.1	19.0	19.0	1019.0
NASIRIYA	18.4	18.5	19.8	19.1	17.3	17.6	18.4	18.3	1018.4
BASRAH	18.8	19.0	20.2	19.3	17.7	18.1	18.8	18.8	1018.8

TABLE 11. MONTHLY MEAN LOW CLOUD AMOUNTS (OKTAS) معدل كمية الغيوم الواطئة

SINJAR	...	2.5	3.1	3.7	4.0	3.4	2.5	...	3.2
MOSUL	3.3	3.3	4.0	3.7	2.9	4.9	2.6	3.0	3.5
KIRKUK	2.5	2.4	2.7	1.7	2.1	2.3	1.9	2.3	2.2
KHANAQIN	...	4.1	3.7	3.0	3.6	2.8	2.2	...	3.2
RUTBAH	0.5	1.1	0.9	1.1	1.4	1.2	0.9	0.8	1.0
HABBANIYA	0.5	1.1	1.4	1.2	1.0	0.6	0.5	0.2	0.8
BAGHDAD	0.3	0.7	1.3	0.6	0.7	0.5	0.2	0.1	0.5
NUKHAIB	...	...	1.8	1.0	1.3	1.4	0.7	...	1.2
HAI	...	0.9	1.1	1.4	1.2	0.4	0.2	...	0.9
NAJAF	0.6	0.8	1.9	1.5	1.3	1.2	0.8	0.7	1.1
DIWANIYA	0.5	1.1	1.5	0.9	0.8	0.5	0.1	0.5	0.7
NASIRIYA	0.9	1.5	2.0	2.0	1.7	1.1	0.5	0.7	1.3
BASRAH	0.6	0.7	0.7	1.1	1.5	1.0	0.5	0.5	0.8

TABLE 12. MONTHLY MEAN TOTAL CLOUD AMOUNTS (OKTAS) مجموع كمية الغيوم (اثمان)

SINJAR	...	4.2	5.4	5.3	5.6	5.1	3.3	...	4.8
MOSUL	4.0	4.3	6.3	6.1	4.3	2.8	4.2	4.0	4.0
KIRKUK	3.3	3.4	4.4	4.7	4.2	4.3	3.1	2.9	3.8
KHANAQIN	...	4.4	4.8	5.3	5.5	4.6	3.1	...	4.6
RUTBAH	1.8	2.9	3.7	4.0	4.5	3.9	2.5	2.0	3.2
HABBANIYA	2.4	3.0	4.2	3.6	4.2	3.9	2.9	2.5	3.3
BAGHDAD	2.3	2.7	4.4	3.9	4.1	4.1	3.0	2.1	3.3
NUKHAIB	...	...	3.3	3.2	3.5	3.7	2.0	...	3.1
HAI	...	3.1	3.9	3.9	4.1	3.9	2.4	...	3.6
NAJAF	2.5	2.6	4.1	3.6	3.7	3.7	2.3	2.4	3.1
DIWANIYA	1.6	2.6	3.4	3.1	3.0	2.9	1.1	1.7	2.4
NASIRIYA	1.6	2.4	3.3	3.0	3.2	2.8	1.6	1.7	2.5
BASRAH	2.5	3.2	3.1	3.1	3.3	3.1	2.5	2.7	2.9

المحطة	وقت كرينتش	DIRECTION الاتجاه								سكون	SPEED IN KNOTS السرعة بالعقد				معدل السرعة
STATIONS	GMT.	N	NE	E	SE	S	SW	W	NW	CALM IM	1-10	11-21	22-33	34	MEAN VELO.
	0300	19	2	6	0	1	0	1	2	0	30	1	0	0	5
	0600	16	3	9	0	2	0	0	1	0	27	4	0	0	6
	0900	2	0	15	5	3	0	5	1	0	23	8	0	0	7
	1200	2	1	14	4	3	0	6	1	0	26	1	0	0	7
	1500	5	3	8	0	3	0	5	2	5	23	3	0	0	6
	1800	9	1	5	2	0	0	4	3	7	22	2	0	0	6
	TOTAL	53	10	57	11	12	0	21	10	12	151	23	0	0	6
	0000	2	0	2	1	5	0	5	1	15	4	2	0	0	3
	0300	3	0	0	2	5	1	6	1	13	15	3	0	0	3
	0600	1	1	2	2	3	0	6	2	14	16	1	0	0	3
	0900	1	1	6	1	9	0	5	1	7	20	4	0	0	5
	1200	1	0	6	4	10	0	3	2	5	20	5	1	0	6
	1500	0	0	8	4	2	0	4	3	10	21	0	0	0	4
	1800	1	0	2	5	4	1	3	1	14	15	2	0	0	4
	2100	0	0	3	0	6	0	9	3	10	20	1	0	0	5
	TOTAL	9	2	29	19	44	2	41	14	88	141	18	1	0	4
	0000	0	8	2	2	0	0	0	0	19	12	0	0	0	2
	0300	0	4	3	2	0	0	0	0	22	7	1	1	0	2
	0600	0	3	3	3	0	0	0	0	22	7	2	0	0	2
	0900	0	1	4	4	1	0	2	0	19	9	3	0	0	3
	1200	0	0	0	9	3	2	7	1	9	17	4	1	0	5
	1500	0	0	3	1	1	0	1	1	24	6	1	0	0	1
	1800	0	4	2	1	0	0	1	0	23	7	1	0	0	1
	2100	1	5	3	2	1	0	1	0	18	11	2	0	0	3
	TOTAL	1	25	20	24	6	2	12	2	156	76	14	2	0	2
	0300	0	0	10	4	1	0	0	0	16	14	0	1	0	3
	0600	0	2	6	2	6	0	2	0	13	17	1	0	0	4
	0900	1	0	6	4	2	0	4	6	8	21	1	1	0	6
	1200	0	0	2	3	6	1	11	4	4	23	2	2	0	7
	1500	2	0	0	0	7	0	5	6	11	18	2	0	0	4
	1800	0	0	2	3	4	0	1	0	21	10	0	0	0	2
	TOTAL	3	2	26	16	26	1	23	16	73	103	6	4	0	4
	0000	0	0	1	0	9	7	5	2	7	16	5	3	0	8
	0300	0	0	1	1	8	6	3	3	9	18	2	2	0	6
	0600	0	0	1	0	8	2	9	1	10	17	4	0	0	5
	0900	3	0	1	0	12	4	9	0	2	22	6	1	0	8
	1200	3	0	1	3	10	0	10	1	3	20	8	0	0	8
	1500	3	0	2	4	7	0	10	1	4	21	6	0	0	6
	1800	0	0	2	7	3	3	4	1	11	15	4	1	0	5
	2100	0	0	2	5	10	1	5	2	6	19	15	1	0	7
	TOTAL	9	0	11	20	67	23	55	11	52	148	50	8	0	7

كانون الثاني ١٩٦٦

عدد تكرار رصدات الرياح السطحية

المحطة	وقت كرينتش	الاتجاه								ريح ساكن	السرعة بالعقد				معدل السرعة بالعقد
	TIME GMT	N	NE	E	SE	S	SW	W	NW	CALM	1-10	11-21	22-33	34	MEAN Knots
حبانية	0000	0	0	6	1	0	0	3	1	20	10	1	0	0	3
	0300	1	0	7	0	1	1	3	1	17	12	2	0	0	3
	0600	1	3	4	2	1	0	4	2	14	12	4	1	0	5
	0900	1	0	3	7	2	2	6	6	4	18	9	0	0	8
	1200	0	1	5	4	4	3	3	5	6	15	9	1	0	7
	1500	1	4	5	2	0	1	2	1	15	14	2	0	0	4
	1800	0	0	7	3	0	1	3	0	17	13	0	1	0	4
	2100	0	1	8	0	0	2	2	0	18	11	2	0	0	3
	TOTAL	4	9	45	19	8	10	25	16	111	105	29	3	0	5
بغداد	0000	1	0	2	9	1	0	1	2	15	12	4	0	0	5
	0300	1	3	4	4	0	0	1	3	15	11	5	0	0	5
	0600	0	1	3	7	0	1	2	6	11	14	5	1	0	6
	0900	0	0	0	12	1	1	2	12	3	18	10	0	0	9
	1200	0	0	3	9	2	0	3	12	2	17	12	0	0	9
	1500	0	0	2	8	0	0	4	6	11	16	4	0	0	5
	1800	0	0	0	10	0	1	1	4	15	11	4	1	0	5
	2100	1	1	1	10	0	1	0	2	15	12	4	0	0	4
	TOTAL	3	5	15	69	4	4	14	47	87	111	48	2	0	6
تكريت	0600	10	0	1	1	6	1	7	0	5	24	2	0	0	5
	0900	9	2	0	4	6	2	5	1	2	25	4	0	0	6
	1200	7	1	2	3	11	1	6	0	0	25	6	0	0	7
	1500	7	2	3	1	13	2	1	0	2	28	1	0	0	6
	1800	6	0	5	5	6	3	0	1	5	25	1	0	0	5
	TOTAL	39	5	11	14	42	9	19	2	14	127	14	0	0	5
حديثة	0300	3	1	7	1	0	0	6	6	7	21	3	0	0	5
	0600	4	0	9	1	0	0	2	9	5	22	3	0	0	5
	0900	7	0	4	6	3	0	3	5	3	23	5	0	0	6
	1200	1	1	5	7	0	0	2	12	3	19	9	0	0	8
	1500	0	0	6	3	0	0	4	9	9	19	3	0	0	5
	1800	3	0	7	2	0	0	1	10	8	22	1	0	0	5
	TOTAL	18	2	38	20	3	0	18	51	36	126	24	0	0	6
نجف	0000	6	4	3	3	4	4	4	3	0	26	5	0	0	8
	0300	6	3	0	3	7	2	5	4	1	23	6	1	0	9
	0600	5	0	1	6	4	3	5	7	0	29	2	0	0	7
	0900	10	1	1	6	6	0	2	4	1	25	5	0	0	7
	1200	8	2	3	6	3	0	0	8	1	21	3	0	0	10
	1500	5	3	3	8	2	1	1	7	1	26	4	0	0	7
	1800	7	0	6	5	6	1	2	4	0	27	4	0	0	7
	2100	5	1	1	8	4	3	3	5	1	25	4	1	0	8
	TOTAL	52	14	18	45	36	14	22	42	5	202	39	2	0	8

SURFACE - WIND NUMBER OF OBSERVATIONS OF :

ATIONS	TIME GMT.	DIRECTION N	NE	E	SE	S	SW	W	NW	CALM	SPEED IN KNOTS 1-10	11-22	22-33	>34	MEAN V.K.
ديوانية	0000	8	1	11	2	0	1	2	0	6	22	3	0	0	5
	0300	3	2	8	3	1	0	5	1	8	20	3	0	0	5
	0600	3	0	8	3	0	1	11	0	5	22	4	0	0	7
	0900	6	0	4	6	3	1	7	3	1	21	9	0	0	8
AMIYA	1200	7	0	5	4	2	1	6	2	4	20	7	0	0	7
	1500	4	1	8	3	0	0	4	2	9	16	6	0	0	5
	1800	4	1	9	3	0	0	4	1	9	20	2	0	0	5
	2100	7	2	8	5	1	0	3	1	4	23	4	0	0	5
	TOTAL	42	7	61	29	7	4	42	10	46	164	38	0	0	6
ناصرية	0000	4	1	3	6	2	1	3	9	2	26	3	0	0	6
	0300	1	2	6	4	2	1	5	6	4	26	1	0	0	5
	0600	2	0	3	10	2	0	5	6	3	25	2	1	0	5
	0900	1	2	1	7	3	1	4	9	3	22	6	0	0	7
IRIYA	1200	3	0	2	10	0	0	6	8	2	26	3	0	0	7
	1500	5	1	2	9	0	0	4	6	4	25	2	0	0	5
	1800	3	0	5	8	0	0	2	8	5	25	1	0	0	5
	2100	4	0	3	9	1	1	1	9	3	27	1	0	0	5
	TOTAL	23	6	25	63	10	4	30	61	26	202	19	1	0	6
بصرة	0000	5	5	4	2	4	1	2	8	0	29	1	1	0	6
	0300	5	2	6	1	3	0	5	7	2	28	0	1	0	5
	0600	6	0	7	3	3	1	5	5	0	23	2	1	0	6
	0900	6	0	7	5	5	0	0	8	0	23	7	1	0	8
SRAH	1200	7	6	2	3	7	0	0	6	0	25	5	1	0	7
	1500	4	4	3	1	9	1	1	8	0	29	2	0	0	6
	1800	9	4	4	3	5	1	1	3	1	29	1	0	0	5
	2100	13	2	1	3	7	0	0	5	0	30	1	0	0	6
	TOTAL	55	23	34	21	43	4	15	50	3	221	19	5	0	6

LE 14. HIGHEST WIND-SPEED, DURING ONE HOUR اعلى سرعة ريح حدثت خلال ساعة

ATIONS	HIGHEST WIND-SPEED DURING ONE HOUR (V.K.)	DIRECTION	TIME GMT.	DAY
JAR	18 Knots	090	1200	2nd
UL	25	270	1200	30th
UK	28	090	0300	24th
ANAQIN	26	090	0900	26th
BAH	32	270	0300	26th
BANIYA	25	100	0600	26th
HDAD	28	130	1800	2nd
KHAIB	18	280	0600	26th
I	20	120	1200	7th
JAF	25	050	0300	26th
ANIYA	18	110	0600	20th
SIRIYA	23	140	0600	26th
RAH	25	170	1200	29th

NUARY 1966 TABLE 16A

DAILY GRASS MINIMUM TEMPERATURES C°, AND, SOIL TEMPERATURES OF 0.3 & 1.2 METRES

	MOSUL	KIRKUK			HABBANIYA			BAGHDAD		
DAY	0.3M	GRASS	0.3M	1.2M	GRASS	0.3M	1.2M	GRASS	0.3M	1.2M
1	8.3	3.5	12.2	17.3	1.4	15.0	20.6	3.1	13.0	20.5
2	7.8	5.0	12.1	17.2	3.4	15.0	20.3	3.0	12.8	20.5
3	9.4	8.0	12.2	17.2	2.9	15.6	20.0	1.2	14.6	20.5
4	8.6	1.4	12.2	17.2	-0.8	15.5	20.0	-4.0	13.4	20.5
5	8.6	4.0	12.1	17.1	2.8	15.5	20.0	-0.2	13.5	20.4
6	9.2	7.1	12.4	17.1	1.1	15.5	20.0	2.1	14.3	20.4
7	8.9	7.4	12.8	17.1	2.0	15.6	20.0	2.9	14.5	20.3
8	10.0	10.1	13.2	17.0	3.1	15.9	20.0	2.3	15.4	20.3
9	8.9	1.0	12.9	17.1	0.6	15.9	20.0	4.8	15.2	20.2
10	8.3	4.1	12.8	17.1	0.9	15.6	20.0	3.6	14.8	20.1
11	8.6	1.4	12.2	17.1	1.7	15.4	19.9	0.4	14.3	20.4
12	7.8	1.5	12.1	17.1	-1.2	15.0	19.9	-5.8	13.0	20.2
13	7.4	0.4	11.6	17.1	-0.6	14.5	19.5	-4.4	12.6	20.1
14	6.5	0.0	11.1	16.8	-2.8	14.4	19.9	-5.9	12.0	20.0
15	7.2	2.4	11.1	16.8	-2.6	14.0	19.6	-5.7	11.7	19.9
16	6.6	2.4	11.1	16.7	-3.1	13.9	19.5	-6.2	12.0	20.0
17	7.2	2.2	11.1	16.6	-0.6	13.9	19.5	-3.2	12.0	19.8
18	8.3	3.6	11.0	16.5	3.9	14.4	19.4	0.1	13.5	19.5
19	8.4	5.4	11.6	16.6	2.8	14.7	19.2	11.0	15.0	19.6
20	8.6	6.4	12.2	16.5	5.9	15.5	19.0	10.0	15.6	19.7
21	10.8	9.0	12.8	16.4	6.4	15.6	19.0	6.0	15.4	19.6
22	9.9	7.6	12.8	16.5	3.4	15.6	19.0	0.7	14.2	19.6
23	10.5	9.6	12.8	16.6	3.1	15.6	19.0	1.9	14.8	19.8
24	10.7	9.6	13.3	16.5	8.6	16.1	19.0	11.0	16.1	19.6
25	11.0	12.0	13.6	16.5	8.4	15.8	18.8	10.1	15.5	19.2
26	12.4	12.0	13.9	16.6	9.5	16.1	19.1	12.5	16.0	19.5
27	10.5	6.5	13.6	16.6	2.9	16.1	19.2	3.5	14.8	19.[illegible]
28	10.2	6.0	13.5	16.6	2.8	16.1	19.4	4.4	13.8	18.[illegible]
29	10.5	6.5	13.4	16.6	8.0	16.4	19.2	6.6	14.6	19.[illegible]
30	10.8	11.3	13.2	16.6	8.4	16.4	19.1	12.8	15.6	19.[illegible]
31	10.5	4.5	13.4	16.6	2.5	16.7	19.2	1.4	14.5	19.[illegible]
MEANS	9.1	5.4	12.5	16.8	2.7	15.4	19.6	2.6	14.1	19.7

JANUARY 1966 TABLE 15B

DAILY GRASS MINIMUM TEMPERATURES C° & SOIL TEMPERATURES C° 0.3 & 1.2 METRES

	NAJAF		NASIRIYA			BASRAH
DAYS	0.3M	1.2M	GRASS	0.3M	1.2M	GRASS
1	12.5	17.7	5.8	14.5	21.0	2.9
2	12.3	17.8	5.3	14.8	21.3	1.2
3	14.8	17.8	7.3	15.4	21.4	5.8
4	13.0	18.0	5.2	15.4	21.4	1.9
5	13.4	17.9	8.0	15.6	21.3	3.5
6	14.4	17.9	6.8	16.1	21.3	1.7
7	14.5	18.0	7.0	16.6	21.1	2.5
8	14.9	18.1	9.9	17.3	21.1	4.5
9	14.4	18.2	6.8	15.8	21.1	4.4
10	14.4	18.2	7.2	16.8	21.1	2.5
11	14.4	18.3	4.8	15.7	21.1	5.9
12	13.0	18.3	4.8	15.5	21.1	2.0
13	12.2	18.4	0.3	14.8	21.1	-1.4
14	12.0	17.9	2.0	14.2	21.0	-2.9
15	12.4	18.0	0.0	13.9	21.0	-3.2
16	11.6	17.6	0.9	13.7	20.9	-3.0
17	11.8	17.4	-0.3	13.7	20.9	-4.5
18	13.0	17.4	6.3	13.8	20.8	-2.2
19	14.8	18.0	9.0	14.8	20.6	7.9
20	15.3	17.4	11.7	15.5	20.5	11.2
21	14.4	17.5	8.6	15.2	20.5	7.0
22	14.5	17.0	7.1	14.7	20.4	2.6
23	14.3	17.6	7.5	15.4	20.4	2.6
24	16.2	17.7	13.3	15.5	20.2	9.2
25	15.5	18.0	12.0	16.4	20.2	9.5
26	16.1	18.0	15.1	17.4	20.3	9.3
27	15.0	18.2	10.5	17.6	20.2	7.6
28	13.8	18.0	6.7	17.1	20.2	5.6
29	14.2	18.2	10.7	17.2	20.3	xxx
30	15.6	18.1	14.7	18.3	20.4	12.3
31	15.0	18.1	10.5	18.5	20.4	12.4
MEANS	14.0	17.9	7.7	15.8	20.8	3.8

JANUARY 1966 TABLE 17-A

DAILY EVAPORATION IN (MILLIMETERS) IN PAN CLASS A, AT 0600 GMT.

يوم	موصل	كركوك	رطبة	بغداد	نجيب	نجف	ديوانية	بصرة
DAYS	MOSUL	KIRKUK	RUTBAH	BAGHDAD	NUTHAIB	NAJAF	DIWANIYA	BASRAH
	0.0	1.0	6.0	3.0	5.0	1.0	1.0	4.0
	0.0	1.0	6.0	1.0	3.0	3.0	2.0	4.0
	0.0	4.0	8.0	5.0	5.0	5.0	2.0	1.0
	1.0	2.0	5.0	4.0	4.0	8.0	3.0	2.0
	1.0	1.0	4.0	1.0	3.0	5.0	2.0	3.0
	1.0	2.0	5.0	3.0	4.0	6.0	3.0	2.0
	1.0	2.0	4.0	5.0	5.0	9.0	2.0	2.0
	3.0	3.0	5.0	4.0	8.0	9.0	2.0	2.0
	1.0	3.0	5.0	4.0	6.0	7.0	3.0	1.0
	1.0	2.0	4.0	5.0	4.0	6.0	3.0	1.0
	1.0	2.0	4.0	1.0	6.0	4.0	2.0	2.0
	1.0	1.0	4.0	3.0	6.0	5.0	2.0	2.0
	0.0	2.0	5.0	2.0	5.0	3.0	1.0	3.0
	0.0	1.0	5.0	1.0	5.0	6.0	2.0	2.0
	0.0	2.0	3.0	4.0	4.0	3.0	1.0	2.0
	1.0	3.0	4.0	1.0	3.0	3.0	2.0	1.0
	1.0	1.0	4.0	3.0	5.0	6.0	1.0	2.0
	2.0	2.0	5.0	4.0	6.0	7.0	3.0	2.0
	2.0	2.0	4.0	5.0	4.0	4.0	4.0	1.0
	1.0	3.0	4.0	6.0	4.0	-2.0	4.0	2.0
	1.0	2.0	5.0	3.0	3.0	3.0	-4.0	-4.0
	1.0	2.0	5.0	0.0	5.0	-3.0	1.0	4.0
	-4.0	2.0	5.0	2.0	6.0	3.0	1.0	1.0
	0.0	-9.0	4.0	-12.0	-10.0	6.0	-3.0	0.0
	-1.0	-2.0	4.0	4.0	4.0	-5.0	3.0	2.0
	-14.0	1.0	5.0	-12.0	6.0	6.0	-3.0	4.0
	1.0	-5.0	5.0	2.0	5.0	5.0	1.0	2.0
	0.0	2.0	6.0	2.0	3.0	9.0	2.0	3.0
	1.0	2.0	6.0	1.0	5.0	4.0	2.0	4.0
	0.0	1.0	5.0	1.0	4.0	5.0	-3.0	3.0
	0.0	2.0	5.0	3.0	5.0	4.0	2.0	-3.0
	0.1	1.2	4.8	1.9	4.2	4.4	1.4	1.8

JANUARY 1966 TABLE 17 B (25) كانون الثاني ١٩٦٦
التبخر اليومي (مليمترات)

DAILY EVAPORATION IN (MILLIMETERS) IN PAN CLASS A. AT 0600 GMT

الأيام	دوكان	دربندخان	ديانا
DAYS	DOKAN	DERBENDIKHAN	DIANA
1	1.0	4.0	1.0
2	1.0	3.0	1.0
3	1.0	3.0	2.0
4	1.0	3.0	1.0
5	1.0	3.0	0.0
6	1.0	4.0	3.0
7	1.0	4.0	2.0
8	-2.0	6.0	2.0
9	1.0	4.0	2.0
10	1.0	3.0	1.0
11	1.0	4.0	1.0
12	-1.0	3.0	-2.0
13	-1.0	1.0	-4.0
14	1.0	2.0	1.0
15	1.0	2.0	1.0
16	1.0	3.0	2.0
17	1.0	4.0	3.0
18	1.0	5.0	2.0
19	1.0	4.0	3.0
20	1.0	4.0	4.0
21	1.0	2.0	3.0
22	1.0	3.0	1.0
23	1.0	4.0	1.0
24	-18.0	-15.0	-15.0
25	-9.0	-16.0	-7.0
26	0.0	-5.0	1.0
27	-16.0	-12.0	-14.0
28	-1.0	1.0	-4.0
29	1.0	2.0	2.0
30	-1.0	3.0	3.0
31	0.0	-23.0	-15.0
MEANS	-0.9	0.4	-0.8

CLIMATOLOGICAL SUMMARY

الملخصات المناخية

NUMBER OF DAYS FOR THE CASES OF PHENOMENA : عدد الأيام التي حدثت فيها الظواهر الجوية

STATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	MIST	HAZE	BLOWING DUST	SUSPENDED DUST	DUST STORM	GROUND FROST	STATE OF SKY CLEAR	STATE OF SKY CLOUDY
MOSUL	7	0	0	0	0	0	0	0	0	0	0	2	8
KIRKUK	7	0	0	2	7	1	1	0	0	0	3	0	4
ERBIL	4	0	0	4	0	0	0	0	1	0	0	2	3
SULAIMANIYA	4	0	0	1	0	0	0	0	0	0	3	2	7
KUT AL	0	0	0	0	0	1	0	0	2	0	4	9	0
BAGHDAD	3	0	0	3	3	18	8	2	4	1	4	6	2
RAMADI	4	0	0	1	[illegible]	2	17	0	2	0	7	5	1
[illegible]	1	0	0	0	3	2	2	0	0	0	4	8	2
[illegible]	7	0	0	1	0	1	0	0	1	0	0	6	3
[illegible]	3	0	0	1	1	4	0	4	1	0	0	8	1
[illegible]	1	0	0	2	2	4	0	3	3	0	0	11	0
[illegible]	4	0	0	1	2	4	7	2	11	0	0	10	2
BASRAH	7	0	1	1	4	3	5	1	0	0	6	8	2

TABLE - 19.

DURATION OF SUNSHINE : مطول الشمس الساطعة

STATIONS	MONTHLY TOTAL SUNSHINE HOURS	MAX. SUNSHINE DURING ONE DAY HOURS	DAY	No. OF DAYS WITHOUT SUNSHINE
MOSUL	168.2	9.9	31st	2
HABBANIYA	215.5	9.8	27th	2
BAGHDAD	196.4	9.4	27th	1
BASRAH	225.2	10.0	15th	1

RADIOSOND OBSERVATIONS AT STANDARD LEVELS (2000MT.) AT BAGHDAD AIR PORT

	4000MILLIBARS					850 MILLIBARS				
DAYS	HHHH	TT	TdTd	dd	FF	HHHH	TT	TdTd	dd	FF
1	178	18.6	5.7	31	05	1560	15.9	-5.8	21	10
2	134	20.2	4.0	15	18	1516	13.6	-8.1	17	32
3	168	16.2	6.1	32	14	1529	9.1	-6.0	27	10
4	182	16.1	6.4	30	06	1542	7.9	-5.4	25	05
5	165	18.7	3.3	14	07	1542	12.4	1.8	18	32
6	155	20.2	6.1	17	07	1540	14.0	-0.3	18	22
7	130	22.4	7.4	16	13	1520	13.9	-0.2	18	30
8	141	20.2	8.8	31	14	1517	11.3	-4.5	29	12
9	157	17.0	10.2	32	11	1519	7.6	1.2	24	15
10	144	15.8	6.0	33	12	1506	7.9	0.0	30	04
11	141	14.5	5.2	33	06	1483	4.8	1.5	19	09
12	142	14.4	4.7	29	10	1476	0.0	-0.9	27	15
13	172	13.3	4.0	31	07	1515	-2.8	-1.2	32	08
14	217	13.5	1.7	32	12	1560	3.6	-6.5	30	10
15	234	12.5	-	31	04	1574	4.4	-	29	04
16	220	13.0	-0.5	29	05	1565	7.0	-7.3	33	06
17	177	17.0	0.1	00	00	1538	8.7	-6.5	22	03
18	151	18.8	2.9	14	19	1523	10.9	4.3	18	21
19	145	20.3	4.3	13	18	1525	12.3	5.4	16	14
20	172	14.8	11.7	14	07	1527	7.9	6.2	-	-
21	197	14.7	11.3	15	06	1551	7.6	3.2	17	05
22	203	17.3	-	00	00	1560	8.5	-	18	07
23	187	18.8	-	13	06	1557	9.9	-	18	15
24	155	13.9	13.4	10	25	1524	9.8	5.4	18	32
25	150	19.4	-	15	17	1520	9.8	-	17	16
26	083	18.8	15.8	15	14	1460	10.9	3.0	-	-
27	159	15.0	-	28	05	1511	5.4	-	25	11
28	168	15.8	7.5	00	00	1526	6.2	-6.6	29	13
29	114	17.7	12.8	14	10	1500	12.1	10.6	16	22
30	081	17.2	10.4	29	14	1435	5.7	0.5	25	37
	166	15.7	11.5	00	00	1510	3.9	0.3	25	03
	31	31	26	31	31	31	31	26	29	29
MEANS	161	16.8	7.0	11	09	1523	8.4	-0.7	21	1[illegible]
MAX.	234	22.4	15.8	10	25	1565	15.9	10.6	25	37
MIN.	081	12.5	-0.5	00	00	1435	-2.8	-8.1	22	03

NOTES: 1- North and East Components of the winds have been used for the computation of the mean Vector wind for the month .

2- Radiation correction has not been applied in the temperatures .

3- n or n.DAY means number of days.

NUARY 1966. TABLE 29-B (28)

DIOSOND OBSERVATIONS AT STANDARD LEVELS(1200GMT.) AT BAGHDAD AIR PORT

	700 MILLIBARS					500 MILLIBARS				
YS	HHHH	TT	TdTd	dd	FF	HHHH	TT	TdTd	dd	FF
1	3178	6.7	-12.4	23	31	5865	-10.0	-26.2	25	36
2	3122	4.3	-13.0	19	46	5774	-13.4	-	-	-
3	3111	-0.2	-20.4	24	36	5737	-13.5	-37.7	24	60
4	3114	-0.1	-29.0	24	15	5722	-19.0	-45.0	24	28
5	3132	1.2	-19.0	30	30	5765	-13.9	-34.2	22	19
6	3143	0.8	-5.0	21	34	5767	-15.8	-28.3	-	-
7	3122	0.9	-4.0	20	24	5735	-17.2	-30.8	23	39
8	3108	1.1	-15.3	22	22	5714	-17.1	-32.8	25	34
9	3095	2.0	-10.0	23	22	5710	-18.0	-27.6	23	36
0	3072	-3.3	-8.3	20	08	5665	-15.5	-	-	-
11	3041	-1.6	-11.7	20	12	5648	-19.0	-31.8	24	23
12	3015	-5.7	-19.0	23	21	5567	-24.2	-36.0	24	35
13	3071	-2.5	-13.0	32	20	5647	-21.5	-34.3	31	43
14	3118	-2.3	-17.4	29	16	5721	-17.2	-30.0	26	24
15	3134	-3.0	-	28	20	5716	-18.8	-	29	47
16	3142	1.2	-15.2	29	21	5767	-15.0	-27.9	28	34
17	3119	0.0	-23.6	24	22	5733	-16.4	-35.8	26	50
18	3110	-1.0	-2.0	23	20	5710	-19.0	-25.6	-	-
19	3123	2.2	-1.6	22	16	5748	-16.7	-19.8	25	25
20	3100	-2.2	-6.7	-	-	5692	-19.7	-31.7	-	-
21	3109	-1.0	-15.5	23	08	5687	-19.3	-34.2	25	19
22	3140	-1.0	-	25	11	5741	-17.0	-	27	23
23	3151	1.1	-	28	14	5773	-17.1	-	25	26
24	3110	-0.2	-1.6	20	35	5725	-16.2	-19.4	-	-
25	3100	1.1	-	20	18	5735	-15.2	-	24	44
26	3044	-0.4	-3.6	-	-	5652	-17.9	-24.2	-	-
27	3071	-3.4	-	25	20	5681	-16.6	-	27	58
28	3101	2.8	-12.9	24	25	5739	-15.8	-25.4	26	26
29	3102	2.4	2.3	19	35	5739	-16.2	-19.5	22	46
30	3000	-3.3	-6.0	21	44	5565	-21.4	-34.6	-	-
31	3063	-6.8	-9.7	26	28	5642	-18.4	-	-	-
N	31	31	26	29	29	31	31	23	22	22
MEANS	3102	-0.4	-11.3	23	20	5712	-17.2	-30.1	25	32
MAX.	3178	6.7	2.3	19	46	5865	-10.0	-19.4	24	60
MIN.	3000	-6.8	-29.0	23	08	5565	-24.2	-45.0	25	19

IOSOND OBSERVATIONS AT STANDARD LEVELS (1200GMT.) AT BAGHDAD AIR PORT

	400 MILLIBARS					300 MILLIBARS				
S	HHHH	TTT	TdTd	dd	FF	HHHH	TTT	TdTd	dd	FF
	7537	-23.8	-34.6	27	42	9580	-37.5	-48.6	28	70
	7438	-24.4	-42.7	-	-	9470	-39.0	-55.0	-	-
	7397	-25.2	-46.5	23	90	9419	-40.5	-59.0	23	126
	7340	-32.2	-53.8	24	48	9312	-45.3	-66.0	24	76
	7417	-27.3	-46.6	23	49	9420	-41.7	-56.4	23	38
	7147	-26.6	-40.6	-	-	9435	-41.1	-52.7	-	-
	7372	-28.2	-42.0	-	-	9372	-44.0	-56.4	-	-
	7348	-29.1	-44.3	24	51	9343	-43.6	-57.7	26	55
	7339	-30.0	-38.0	24	53	9315	-46.9	-51.6	25	76
	7315	-27.8	-	-	-	9313	-43.0	-	-	-
	7270	-30.8	-41.2	24	43	9250	-45.5	-54.7	24	59
	7158	-35.[illegible]	-45.7	24	60	9110	-48.1	-58.3	-	-
	7253	-34.0	-44.3	30	58	9202	-48.9	-58.2	-	-
	7355	-29.6	-40.0	27	44	9353	-42.9	-50.8	27	42
	7344	-30.4	-	30	59	9322	-46.2	-	29	90
	7415	-27.2	-37.4	27	45	9423	-42.6	-51.2	28	65
	7368	-29.4	-50.8	26	70	9357	-45.1	-61.7	27	85
	7331	-31.2	-31.7	-	-	9315	-43.6	-47.7	-	-
	7388	-28.1	-33.3	25	30	9393	-42.9	-48.2	25	70
	7307	-32.5	-41.2	-	-	9267	-42.2	-54.4	-	-
	7311	-30.4	-40.0	25	26	9284	-45.4	-51.7	-	-
	7389	-29.6	-	28	32	9353	-46.3	-	28	49
	7418	-22.9	-	25	38	9408	-45.7	-	23	47
	7373	-25.8	-34.1	-	-	9391	-41.5	-50.8	-	-
	7385	-27.6	-	23	50	9385	-44.1	-	-	-
	7276	-31.2	-34.4	-	-	9259	-43.3	-50.8	-	-
	7321	-29.0	-	28	82	9316	-43.9	-	28	130
	7382	-27.3	-34.7	26	60	9390	-42.7	-51.9	-	-
	7381	-27.7	-28.0	-	-	9388	-42.2	-42.8	-	-
	7185	-29.9	-42.0	-	-	9163	-46.4	-58.3	-	-
	7272	-30.0	-	-	-	9261	-44.8	-	-	-
	31	31	24	20	20	31	31	24	15	15
EANS	7340	-28.8	-40.3	25	48	9341	-43.8	-54.1	26	67
AX	7537	-22.9	-28.0	23	90	9580	-37.5	-42.8	28	130
IN	7147	-35.0	-53.8	25	30	9110	-48.9	-66.0	23	38

UARY 1966. TABLE 20 D.

HOSOND OBSERVATIONS AT STANDARD LEVELS (1200GMT.) AT BAGHDAD AIR PORT

	200 MILLIBARS					150 MILLIBARS				
YS	HHHH	TTT	TdTd	dd	ff	HHHH	TTT	TdTd	dd	ff
1	12250	-58.3	-65.8	30	60	14030	-63.0	-	30	92
2	12137	-57.0	-	-	-	13959	-57.7	-	-	-
3	12084	-52.8	-70.1	24	130	13944	-53.0	-70.3	-	-
4	11942	-55.5	-	24	96	13755	-58.0	-	-	-
5	12080	-56.1	-	-	-	13890	-59.4	-	-	-
6	12077	-60.0	-69.0	-	-	13874	-59.8	-68.8	-	-
7	12023	-55.8	-68.3	-	-	13852	-57.7	-	-	-
8	11992	-52.9	-65.7	26	76	13840	-54.9	-	26	96
9	11942	-55.8	-61.4	-	-	13782	-54.4	-60.3	-	-
0	11950	-54.0	-	-	-	13795	-54.2	-	-	-
1	11844	-62.5	-69.2	25	118	13628	-59.6	-66.7	25	90
2	11752	-52.5	-62.1	-	-	13600	-55.2	-64.6	-	-
3	11787	-56.0	-65.0	-	-	13618	-58.4	-	-	-
4	11975	-61.7	-69.5	29	58	13749	-61.4	-	28	85
5	11932	-57.4	-	-	-	13732	-59.2	-	-	-
6	12040	-63.2	-	28	65	13803	-62.4	-	28	112
7	11947	-64.0	-	-	-	13727	-61.7	-	-	-
8	11922	-62.0	-67.2	-	-	13714	-57.8	-63.8	-	-
9	12010	-59.3	-64.6	24	85	13820	-57.7	-63.7	-	-
20	11842	-57.1	-64.3	-	-	13657	-57.3	-65.7	-	-
21	11884	-58.7	-64.8	-	-	13701	-56.6	-65.0	-	-
22	11932	-63.0	-	29	72	13702	-63.4	-	29	83
23	12058	-52.0	-	-	-	-	-	-	-	-
24	12031	-51.2	-55.2	-	-	13891	-53.8	-60.4	-	-
25	12000	-57.1	-	-	-	13813	-58.7	-	-	-
26	11914	-52.5	-58.7	-	-	13762	-56.7	-63.5	-	-
27	11956	-54.0	-	-	-	13816	-53.7	-	-	-
28	12015	-60.3	-	-	-	13795	-59.8	-67.5	-	-
29	12015	-59.7	-60.8	-	-	13790	-60.6	-62.0	-	-
30	11798	-54.0	-65.0	-	-	13628	-58.3	-68.5	-	-
31	11862	-60.8	-	-	-	13672	-58.6	-	-	-
n	31	31	18	9	9	30	30	14	6	6
MEANS	11968	-57.3	-64.8	26	78	13778	-58.1	-65.1	26	80
MAX	12250	-51.2	-55.2	24	130	14030	-53.0	-60.3	28	112
MIN	11752	-64.0	-70.1	29	58	13600	-63.4	-70.3	29	83

IOSONDE OBSERVATIONS AT STANDARD LEVELS(1200GMT.) AT BAGHDAD AIR PORT

	100 MILLIBARS					70 MILLIBARS				
S	HHHH	TTT	TdTd	dd	ff	HHHH	TTT	TdTd	dd	ff
	16510	-67.2	-	28	30	18630	-71.1	-	-	-
2	16474	-66.1	-	-	-	18576	-73.3	-	-	-
3	16504	-63.2	-	-	-	18677	-66.4	-	-	-
4	16285	-64.2	-	-	-	18470	-62.3	-	-	-
5	16408	-63.8	-	-	-	18578	-65.4	-	-	-
6	16387	-64.8	-	-	-	18540	-67.6	-	-	-
7	16373	-64.0	-	-	-	18545	-64.4	-	-	-
8	16400	-61.2	-	-	-	18582	-66.5	-	-	-
9	16346	-61.5	-67.0	-	-	18571	-59.0	-65.2	-	-
0	16349	-62.0	-	-	-	18559	-61.2	-	-	-
1	16173	-58.9	-66.7	-	-	18437	-56.8	-64.7	-	-
2	16181	-57.2	-66.4	-	-	18423	-56.2	-66.0	-	-
3	16183	-57.2	-	-	-	18426	-59.4	-	-	-
4	16266	-59.5	-	-	-	18481	-62.7	-	-	-
5	16232	-64.3	-	-	-	18380	-61.5	-	-	-
6	16284	-65.2	-	-	-	18454	-65.2	-	-	-
7	16227	-63.3	-	-	-	18410	-62.8	-	-	-
8	16226	-64.8	-	-	-	18426	-59.7	-	-	-
9	16390	-57.5	-64.7	-	-	18620	-61.2	-68.3	-	-
0	16244	-55.6	-67.3	-	-	18500	-56.8	-62.0	-	-
1	16244	-60.8	-69.2	-	-	18473	-58.8	-57.7	-	-
2	16192	-64.6	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-
4	16451	-61.9	-68.7	-	-	18621	-67.2	-	-	-
5	16323	-64.7	-	-	-	18473	-67.4	-	-	-
6	16324	-60.5	-67.8	-	-	18515	-61.8	-63.7	-	-
7	16393	-60.7	-	-	-	18573	-67.4	-	-	-
8	16308	-63.2	-	-	-	18484	-66.3	-	-	-
9	16294	-61.9	-63.9	-	-	18507	-61.1	-63.7	-	-
0	16156	-60.0	-	-	-	18416	-61.2	-	-	-
1	16227	-59.6	-	-	-	18442	-62.4	-	-	-
	30	30	9	1	1	29	29	8	00	00
EANS	16312	-62.0	-66.8	-	-	18510	-63.2	-63.9	-	-
AX	16510	-55.6	-63.9	-	-	18677	-56.2	-57.7	-	-
IN	16156	-67.2	-69.2	-	-	18380	-73.3	-68.3	-	-

JANUARY 1966. TABLE 20 OF

RADIOSOND STATION BAGHDAD

	F.Level .			TROP.				TOP.			
DAYS	HHHH	P	U	HHHH	P	T	U	H	P	T	U
1	4480	598	17	12850	183	-62.5	38	26780	18	-65.9	30
2	3940	633	18	11870	208	-57.5	18	26144	20	-61.9	18
3	3100	702	20	11650	214	-53.1	11	22053	40	-62.5	-
4	2880	722	13	11700	188	-58.1	08	22644	36	-56.8	-
5	3400	679	36	12420	190	-58.0	15	25015	25	-56.4	15
6	3250	692	67	12020	202	-60.0	30	26253	20	-65.1	25
7	3230	690	74	17750	80	-67.1	-	23809	30	-60.3	-
8	3320	685	28	10300	260	-50.3	20	21742	42	-58.7	-
9	3370	678	40	11680	208	-56.2	50	23854	30	-59.8	44
10	2520	750	66	11400	218	-56.4	-	26420	20	-57.2	-
11	2880	771	65	11850	200	-62.5	41	23748	30	-57.6	32
12	1476	850	93	11500	208	-53.8	30	28242	15	-55.9	-
13	1920	810	73	10100	260	-56.0	32	21940	40	-59.1	-
14	2360	770	37	12480	185	-65.2	34	21458	43	-66.7	30
15	2700	740	-	15730	108	-65.0	-	20530	50	-58.5	-
16	3430	676	29	12080	198	-64.0	38	24783	25	-57.1	-
17	3119	700	15	11947	200	-64.0	16	26281	20	-52.3	-
18	2980	712	100	12100	195	-62.8	50	21939	40	-56.0	30
19	3500	669	53	11700	210	-59.5	50	22245	40	-56.0	38
20	2800	728	78	10780	237	-61.0	44	24609	28	-47.4	-
21	2770	730	67	10710	241	-56.3	47	26503	20	-49.3	20
22	3000	712	-	11932	200	-63.0	-	16192	100	-61.2	-
23	3300	688	-	9610	292	-47.5	-	13486	160	-57.3	-
24	3100	702	100	11560	220	-57.2	60	22340	38	-62.8	46
25	3400	676	-	11100	230	-57.2	-	24610	26	-59.3	-
26	2970	706	64	10980	232	-52.7	50	23672	30	-61.4	40
27	2450	785	-	10700	244	-53.5	-	28133	15	-57.5	-
28	3570	662	30	12830	176	-63.9	34	23752	30	-58.1	-
29	3500	665	97	13100	168	-64.7	85	24967	25	-56.0	55
30	2670	733	80	11030	225	-55.0	25	23716	30	-60.6	15
31	2210	781	78	11500	213	-61.0	80	20521	50	-62.1	-
No. DAY	31	31	26	31	31	31	24	31	31	31	14
MEANS	3019	713	55	11902	206	-58.9	38	23496	37	-58.6	31
MAX.	4480	598	100	17750	80	-47.5	85	28242	15	-47.4	55
MIN.	1476	850	13	9610	292	-67.1	11	13486	160	-66.7	15

NOTES:
1- F.Level = Freezing Level .
2- HHHH = Height
3- P = Pressure
4- T = Temperature
5- U = Humidity
6- TROP. = Tropopause

RADIOSONDEOBSERVATIONS AT STANDARD LEVELS (1200GMT) AT BASRAH AIR PORT

	1000 MILLIBARS					850 MILLIBARS				
DAYS	HHHH	TT	TdTd	dd	FF	HHHH	TT	TdTd	dd	FF
1	178	20.1	2.2	30	07	1566	15.9	-3.7	35	07
2	151	21.8	4.2	12	10	1540	13.5	1.2	19	28
3	145	21.9	5.6	15	12	1537	15.2	-1.7	18	10
4	170	19.2	8.8	34	08	1548	12.2	3.6	03	05
5	152	22.8	4.6	19	03	1543	13.8	2.2	16	13
6	155	23.0	6.0	14	03	1548	14.8	-0.2	17	14
7	138	25.6	-1.4	16	05	1532	13.7	-6.1	14	08
8	127	20.1	7.6	28	06	1514	14.1	1.4	29	07
9	141	22.6	6.4	32	07	1528	12.3	-2.8	27	15
10	121	19.4	8.0	36	09	1498	10.4	3.2	18	04
11	116	20.8	5.1	34	12	1491	9.7	-0.3	17	08
12	124	16.0	2.0	33	15	1477	5.0	-0.4	32	06
13	164	16.8	0.9	29	18	1527	8.8	-2.5	29	13
14	20[illegible]	14.0	0.7	31	13	1530	0.0	-13.6	35	13
15	207	14.6	1.9	30	10	1555	7.0	-12.2	30	07
16	199	16.5	-0.2	32	10	1557	8.1	-9.9	36	11
17	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-
30	081	23.6	14.8	15	19	1476	13.5	4.0	23	20
31	128	23.1	15.2	03	11	1515	13.2	7.0	33	10
No DAY	18	18	18	18	18	18	18	18	18	18
MEANS	150	20.1	5.1	32	03	1527	11.2	-1.7	24	05
MAX.	207	25.6	15.2	15	19	1566	15.9	7.0	19	28
MIN.	081	14.0	-1.4	19	03	1476	0.0	-13.6	18	04

JANUARY 1966 TABLE 21 B (34)

RADIOSONDE OBSREVATIONS AT STANDARD LEVELS(1200GMT) AT BASRAH AIR PORT

	700 MILLIBARS					500 MILLIBARS				
DAYS	HHHH	TT	TdTd	dd	FF	HHHH	TT	TdTd	dd	ff
1	3190	7.0	-1.8	32	04	5868	-10.5	-24.0	30	13
2	3165	7.2	-4.6	19	28	5848	-10.2	-18.6	21	45
3	3140	2.2	-12.3	18	1[illegible]	5786	-14.0	-26.4	21	50
4	3140	0.3	-5.6	25	22	5759	-15.9	-28.8	24	30
5	3142	1.1	-6.0	23	1[illegible]	5777	-13.4	-30.6	24	24
6	3149	1.9	-8.1	21	13	5788	-13.7	-30.0	23	25
7	3126	0.9	-7.0	29	13	5765	-13.8	-34.9	25	33
8	3118	4.9	-0.8	19	07	5761	-15.6	-18.1	-	-
9	3120	1.9	-20.0	27	11	5752	-15.5	-32.3	25	28
10	3082	-0.4	-1.2	26	07	5693	-15.6	-34.7	-	-
11	3074	0.3	-11.9	19	18	5688	-16.3	-31.0	22	26
12	3038	-3.1	-4.2	19	16	5629	-18.9	-22.8	-	-
13	3097	-4.2	-10.5	30	30	5691	-18.7	-38.3	29	34
14	3077	-3.0	-26.6	30	20	5654	-20.0	-41.1	28	34
15	3128	-0.4	-21.3	28	17	5740	-17.7	-33.0	29	38
16	3141	3.1	-19.6	30	10	5770	-16.5	- -	29	17
17	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-
30	3078	3.3	-1.6	22	49	5716	-14.2	-	-	-
31	3117	2.3	-2.8	21	26	5745	-15.2	-25.7	23	35
N DAY	18	18	18	18	18	18	18	16	1[illegible]	14
MEANS	3118	1.4	-9.8	24	13	5741	-15.3	-29.4	25	27
MAX.	3190	7.2	-0.8	22	49	5868	-10.2	-18.1	21	50
MIN.	3038	-4.2	-26.6	32	04	5629	-20.0	-41.1	30	13

NUARY 1966. TABLE 21. C

ADIOSONDE OBSERVATIONS AT STANDARD LEVELS (1200GMT) AT BASRAH AIR PORT

	400 MILLIBARS					300 MILLIBARS				
AYS	HHHH	TT	TdTd	dd	ff	HHHH	TT	TdTd	dd	ff
1	7538	-24.6	-34.5	30	29	9566	-40.0	-46.9	32	36
2	7520	-23.0	-30.4	22	60	9559	-38.7	-45.4	23	42
3	7450	-22.8	-35.0	23	42	9482	-40.2	-	22	67
4	7399	-27.2	-39.6	24	65	9411	-42.2	-	24	60
5	7437	-26.3	-40.3	26	30	9456	-40.8	-53.6	26	50
6	7411	-27.0	-41.9	24	30	9445	-43.0	-	25	40
7	7407	-29.0	-46.0	25	30	9404	-43.7	-	26	81
8	7403	-28.2	-31.1	-	-	9411	-40.1	-42.9	-	-
9	7393	-28.6	-43.4	26	39	9393	-41.9	-55.0	27	68
0	7337	-27.3	-48.2	-	-	9337	-44.6	-63.7	-	-
1	7329	-28.0	-42.4	25	33	9321	-44.7	-	26	47
2	7262	-28.0	-40.0	-	-	9268	-42.7	-	-	-
3	7339	-25.8	-46.2	27	60	9353	-41.0	-57.6	27	62
4	7273	-30.9	-49.8	28	35	9252	-45.0	-	27	44
5	7366	-30.3	-44.4	29	51	9347	-45.0	-	28	70
16	7408	-28.5	-	28	24	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
31	7389	-27.6	-36.8	24	60	9402	-41.0	-	24	52
n DAY	17	17	17	14	14	16	16	7	13	13
MEANS	7391	-27.2	-40.6	25	39	9400	-42.2	-52.2	26	60
MAX.	7538	-22.8	-30.4	24	65	0566	-40.0	-42.9	26	81
MIN.	7262	-30.9	-49.8	28	24	9252	-45.0	-63.7	32	36

JANUARY 1966. TABLE 21 D

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS(1200GMT) AT BASRAH AIR PORT

	200 MILLIBARS					150 MILLIBARS				
DAYS	HHHH	TT	TdTd	dd	FF	HHHH	TT	TdTd	dd	FF
1	12214	-59.0	-	-	-	14004	-62.3	-	-	-
2	12212	-56.3	-	-	-	14016	-61.6	-	-	-
3	12144	-54.8	-	-	-	13970	-58.8	-	-	-
4	12065	-53.0	-	-	-	-	-	-	-	-
5	12120	-53.1	-	26	50	13966	-57.2	-	-	-
6	12082	-54.7	-	27	57	13910	-58.8	-	-	-
7	12067	-55.0	-	-	-	13892	-57.3	-	-	-
8	12108	-53.1	-	-	-	13935	-57.6	-	-	-
9	12065	-53.5	-	27	76	13910	-55.6	-	27	60
10	11967	-49.7	-	-	-	13834	-55.3	-	-	-
11	11915	-62.4	-	-	-	13695	-61.5	-	-	-
12	11892	-61.1	-	-	-	-	-	-	-	-
13	12011	-46.6	-	27	70	13801	-63.2	-	27	100
14	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
31	12030	-60.7	-	-	-	13803	-64.2	-	-	-
n DAY	14	14	-	4	4	12	12	-	2	2
MEANS	12063	-55.2	-	-	-	13895	-59.5	-	-	-
MAX.	12214	-46.6	-	27	76	14016	-55.3	-	27	100
MIN.	11892	-62.4	-	26	50	13695	-64.2	-	27	60

JANUARY, 1966. TABLE 21 E (37)

RADIOSOND OBSERVATIONS AT STANDARD LEVELS (1200GMT) AT BASRAH AIR PORT

	100 MILLIBARS					70 MILLIBARS				
DAYS	HHHH	TT	TdTd	dd	ff	hhhh	TT	TdTd	dd	ff
1	16492	-68.5	-	-	-	18604	-72.2	-	-	-
2	16506	-69.5	-	-	-	18606	-71.6	-	-	-
3	16481	-65.3	-	-	-	18617	-71.0	-	-	-
4	-	-	-	-	-	-	-	-	-	-
5	16486	-63.1	-	-	-	-	-	-	-	-
6	16506	-66.0	-	-	-	18678	-64.0	-	-	-
7	16400	-64.4	-	-	-	18610	-58.6	-	-	-
8	16480	-61.7	-	-	-	18672	-64.5	-	-	-
9	16450	-64.6	-	-	-	18660	-60.7	-	-	-
10	16366	-62.1	-	-	-	-	-	-	-	-
11	16225	-58.2	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-	-	-	-
No. DAY	10	10	-	-	-	7	7	-	-	-
MEANS	16493	-64.3	-	-	-	18635	-66.1	-	-	-
MAX.	16506	-58.2	-	-	-	18678	-58.6	-	-	-
MIN.	16225	-69.5	-	-	-	18604	-72.2	-	-	-

الجمهورية العراقية
وزارة المواصلات
مديرية الطيران المدني العامة
مديرية الارصاد الجوية العامة
شعبة المناخ
بغداد

معلومات مناخية لشهر شباط ١٩٦٦
مجلد ٢٩ ، عدد (٢) شباط ١٩٦٦

I R A Q R E P U B L I C

MINISTRY OF COMMUNICATIONS

DIRECTORATE GENERAL OF CIVIL AVIATION

METEOROLOGICAL DEPARTMENT

CLIMATOLOGICAL SECTION

B A G H D A D

MONTHLY CLIMATOLOGICAL DATA FOR FEBRUARY 1 9 6 6

VOLUME 29, No. (2) FEBRUARY 1 9 6 6.

اعداد وتنظيم وطبع وتوزيع من قبل شعبة المناخ

PREPARED, ARRANGED, PRINTED & DISTRIBUTED

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CLIMATOLOGICAL SECTION

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FEBRUARY 1966. (1) شباط ١٩٦٦

TABLE 1 - a . المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

الايام	سنجار	موصل	كركوك	رطبة	حبانية	بغداد
DAYS	SINJAR	MOSUL	KIRKUK	RUTBAH	HABBANIYA	BAGHDAD
1	11.1	11.3	13.2	8.2	12.4	14.3
2	9.1	9.2	9.1	9.3	12.4	11.7
3	8.0	9.4	9.7	9.4	12.2	11.6
4	9.4	9.1	10.4	8.9	12.8	12.8
5	9.0	8.0	9.8	8.4	11.4	11.0
6	8.8	9.3	10.6	10.3	12.9	12.7
7	9.5	10.1	10.6	9.1	13.0	13.9
8	10.8	9.4	10.5	8.1	12.8	14.0
9	12.1	9.6	10.2	10.4	12.8	13.1
10	12.5	9.6	11.0	12.0	13.8	12.8
11	15.3	11.0	12.1	11.8	13.9	13.6
12	11.8	10.3	11.4	12.9	12.6	13.2
13	12.9	11.8	13.8	12.9	15.2	15.5
14	12.3	12.5	11.2	10.6	14.0	13.4
15	11.8	12.8	12.6	12.6	14.9	14.8
16	11.1	12.4	13.8	13.1	16.9	16.6
17	10.1	10.8	12.0	10.1	16.2	15.9
18	10.2	10.3	11.1	10.7	13.9	13.4
19	11.3	11.4	11.7	10.8	13.3	13.7
20	13.8	12.5	13.0	10.7	13.2	12.7
21	13.1	12.0	12.5	11.1	14.3	13.8
22	15.1	13.2	14.2	10.2	15.3	14.1
23	15.2	11.4	14.3	11.6	14.6	14.4
24	14.7	11.7	14.6	12.8	14.2	14.2
25	15.3	13.1	14.8	15.3	16.1	16.1
26	16.4	14.5	15.7	16.2	17.1	17.0
27	14.9	15.1	16.2	16.2	17.3	18.1
28	9.5	11.7	13.0	12.1	14.9	15.3
MEANS	12.0	11.2	12.3	11.3	14.1	14.1
DEPARTURE FROM NORMAL	....	+2.6	+2.1	+2.5	+2.3	+1.9

NOTE : AT SINJAR, OBSERVATIONS 0000 & 2100 ARE MISSED.

T I M E - G . M . T

$$\frac{0000 + 0300 + 0600 + 0900 + 1200 + 1500 + 1800 + 2100}{8} = \text{DAILY MEAN}$$

ABLE 1 - b.

المعدل اليومي لدرجات الحرارة (سنتغراد)

DAILY MEAN TEMPERATURES (C°) OF 8 OBSERVATIONS

الايام	نخيب	حي	نجف	ديوانية	ناصرية	بصرة
DAYS	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	10.2	16.0	13.6	15.1	14.8	18.1
2	12.5	12.7	12.5	13.7	12.9	14.5
3	13.1	13.5	11.9	11.8	13.6	13.9
4	12.4	14.5	13.3	14.4	14.8	14.5
5	12.6	13.9	12.3	11.2	13.6	14.6
6	14.6	13.1	12.9	12.1	12.9	13.5
7	14.5	13.1	13.4	13.5	13.7	13.4
8	12.5	14.0	11.7	12.3	13.1	15.[illegible]
9	14.4	14.2	13.4	13.4	12.8	12.[illegible]
10	15.1	15.2	14.0	14.2	13.7	14.3
11	16.2	15.8	15.2	15.2	15.2	15.5
12	17.0	15.6	14.3	14.6	15.1	15.9
13	17.0	16.9	15.9	16.5	16.8	17.0
14	15.6	14.7	14.6	15.0	16.3	16.7
15	16.5	15.8	14.8	14.8	15.3	16.0
16	17.9	16.5	16.4	16.6	16.9	16.5
17	16.6	17.0	17.4	16.6	17.8	17.4
18	14.8	14.9	14.5	13.6	14.9	16.6
19	15.8	15.8	14.9	14.7	15.0	15.3
20	14.8	15.3	14.3	14.2	14.8	15.1
21	17.0	16.6	15.7	15.0	16.1	16.5
22	14.8	16.3	14.7	15.4	16.1	16.4
23	16.7	16.7	15.5	15.8	16.4	17.3
24	18.4	17.0	16.9	15.9	15.8	17.0
25	19.1	17.2	17.7	16.5	17.3	16.8
26	20.0	18.2	17.9	17.5	17.8	18.3
27	22.1	16.8	17.7	18.2	17.2	18.1
28	16.0	18.0	17.3	18.9	19.0	18.1
MEAN	15.6	15.5	14.5	14.9	15.3	15.9
DEPARTURE FROM NORMAL	----	+2.3	----	+2.2	+1.6	+2.2

NOTE; AT NUKHAIB OBSERVATIONS 0000,0300 & 2100 ARE MISSED.

AT HAI OBSERVATIONS 0000 & 2100 ARE MISSED.

LE 2 - a

LY MEAN PRESSURE (MILLIBARS) AT M.S.L. OF 8 OBSERVATIONS

	SINJAR	MOSUL	KIRKUK	RUTBAH	HABBANIYA	BAGHDAD
	1016.5	1015.6	1013.8	1015.8	1012.7	1012.3
	06.6	08.0	09.4	13.7	11.3	11.8
	13.1	13.9	14.7	14.5	14.3	15.3
	20.7	20.4	19.7	20.1	19.3	19.5
	20.1	20.5	20.1	20.3	19.8	21.1
	18.7	18.9	18.6	17.1	17.4	18.0
	19.1	19.2	18.4	16.8	17.3	17.5
	19.5	19.3	18.2	18.3	17.2	17.1
	16.6	16.7	16.2	18.5	16.2	16.0
	18.1	18.7	18.5	18.9	18.4	18.4
	23.5	24.2	23.4	21.7	22.9	23.0
	24.1	24.5	23.8	20.8	23.1	23.4
	18.7	19.3	17.9	15.9	16.1	17.1
	13.8	14.4	14.4	15.6	13.4	13.4
	15.1	15.7	15.5	15.3	15.3	15.6
	10.9	12.9	13.3	09.8	10.8	12.6
	12.4	13.8	13.2	13.3	11.3	11.8
	18.8	19.0	18.4	19.9	18.6	18.5
	21.2	21.2	20.2	19.5	19.4	19.7
	15.6	11.7	14.6	15.7	14.5	14.5
	12.6	12.2	12.8	14.3	12.9	13.1
	17.7	18.3	17.3	18.3	16.8	16.8
	20.4	21.2	19.8	21.9	20.2	19.7
	21.1	21.4	20.6	20.6	23.0	20.8
	21.5	22.2	21.6	18.5	20.4	21.4
	20.2	20.8	20.2	14.4	18.1	19.0
	17.5	17.9	17.3	11.4	13.9	15.0
	11.6	11.5	10.6	11.4	09.4	09.7
ANS	1017.4	1017.7	1017.2	1016.9	1016.6	1016.9
EPARTURE FROM NORMAL	....	+0.1	-0.3	-0.7	-0.6	-0.6

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR	
INJAR	1025.5	12th	1800	1966	1004.2	2nd	0300	1966	1966
OSUL	1026.3	12th	0600	1966	1003.4	2nd	0300	1966	
IRKUK	1025.3	11th	2100	1966	1002.6	2nd	0000	1966	
UTBAH	1024.0	23rd	0600	1966	1008.9	16th	1200	1966	
ABBANIYA	1024.6	12th	0600	1966	1007.0	1st	2100	1966	
AGHDAD	1024.8	12th	0600	1966	1005.1	1st	1800	1966	
INJAR	1029.1	25th	0600	1965	1001.9	3rd	1200	1964	RECORDS
OSUL	1035.7	8th	0600	1950	1000.8	22nd	1500	1952	
IRKUK	1034.4	8th	0600	1950	1000.3	26th	0300	1949	
UTBAH	1037.9	8th	0000	1950	999.0	9th	1300	1941	
AGHDAD	1033.7	8th	0600	1950	998.4	2nd	1800	1956	

BLE 2 - b. المعدل اليومي للضغط الجوي على سطح البحر (بالمليبارات)

ILY MEAN PRESSURE (MILLIBARS) AT M.S.L. OF 8 OBSERVATIONS

الأيام	نخيب	حي	نجف	ديوانية	ناصرية	بصرة
YS	NUKHAIB	HAI	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	1013.1	1012.6	1011.9	1011.9	1012.0	1013.6
2	13.5	13.4	12.6	13.4	13.8	14.5
3	14.6	16.1	15.5	16.0	16.2	17.5
4	19.9	19.2	18.9	19.3	16.0	18.9
5	19.9	18.7	19.2	19.7	18.7	18.6
6	16.2	18.0	17.4	18.0	17.5	18.1
7	15.3	17.3	16.5	16.9	16.5	17.3
8	17.0	16.4	15.9	16.7	15.6	16.5
9	17.2	14.7	15.9	18.0	14.9	14.6
0	18.4	17.3	18.1	18.3	17.7	17.4
1	21.9	21.5	22.1	22.7	21.9	21.3
2	21.9	22.4	22.6	23.3	22.4	22.3
3	14.1	17.4	16.1	16.8	16.5	17.3
4	14.5	12.4	11.7	12.1	11.2	12.4
5	15.4	15.6	15.5	15.9	15.4	15.3
6	09.8	14.4	11.8	13.1	13.9	15.7
7	12.4	12.7	10.8	11.7	12.7	15.7
8	20.0	18.6	19.3	19.3	18.9	18.6
9	18.8	19.3	19.1	19.3	18.6	18.7
20	14.6	14.4	14.0	14.4	13.7	14.0
21	13.6	12.8	13.2	13.2	12.6	13.0
22	16.9	14.8	16.1	16.5	15.8	16.1
23	20.1	17.0	19.3	19.9	18.8	18.6
24	19.9	18.9	20.6	22.0	20.2	20.2
25	19.3	20.1	20.2	20.9	20.7	21.2
26	15.5	18.7	17.3	18.3	18.7	19.8
27	10.4	15.8	12.9	14.3	15.0	16.7
28	09.3	07.1	08.4	08.7	08.9	11.2
MEAN	1016.2	1016.3	1016.2	1016.8	1016.2	1017.0
DEPARTURE FROM NORMAL	....	-1.4	....	-0.9	-0.9	-0.2

STATIONS	HIGHEST	DAY	TIME	YEAR	LOWEST	DAY	TIME	YEAR	
NUKHAIB	1024.6	12th	0600	1966	1002.2	28th	1200	1966	1966
HAI	1023.2	12th	0600	1966	1007.0	28th	1200	1966	
NAJAF	1025.0	12th	0600	1966	1007.1	28th	1500	1966	
DIWANIYA	1024.7	12th	0600	1966	1006.4	28th	1200	1966	
NASIRIYA	1023.8	12th	0600	1966	1007.2	28th	1200	1966	
BASRAH	1023.8	12th	0600	1966	1008.9	28th	1200	1966	
NUKHAIB	1027.9	3rd	0600	1965	1002.2	28th	1200	1966	RECORDS
HAI	1032.4	8th	0600	1950	1000.3	29th	0000	1956	
NAJAF	1027.7	25th	0600	1965	1002.8	25th	0000	1963	
DIWANIYA	1034.9	8th	0600	1950	997.9	28th	2100	1956	
NASIRIYA	1033.3	8th	0600	1950	998.1	28th	2100	1956	
BASRAH	1031.7	8th	0600	1950	999.8	5th	1200	1951	

- 3 .

Y MEAN RELATIVE HUMIDITY (%) OF 8 OBSERVATIONS

	سنجار	موصل	كركوك	رطبة	حبانية	بغداد	نخيب	حي	نجف	ديوانية	ناصرية	بصرة
S	SIN-JAR	MO-SUL	KIR-KUK	RUT-BAH	HABB-ANIYA	BAGH-DAD	NUK-HAIB	HAI	NA-JAF	DIWA-NIYA	NASI-RIYA	BAS-RAH
	60	73	64	77	74	72	78	86	78	81	84	92
	72	90	93	71	80	79	60	84	69	75	77	87
	87	92	93	77	83	79	58	77	80	75	70	80
	73	87	89	77	86	80	60	79	80	78	74	81
	69	89	79	69	78	78	52	77	74	77	71	84
	77	86	73	61	67	64	37	69	61	67	63	80
	75	78	72	68	75	58	39	71	62	63	66	77
	58	73	70	65	67	54	53	73	79	77	78	82
	58	71	70	58	67	57	41	75	63	71	80	91
	51	75	72	57	68	68	40	66	62	64	70	75
	69	78	71	53	73	63	36	65	62	65	66	73
	66	84	76	46	76	72	35	68	66	69	73	74
	62	79	66	59	70	64	53	67	64	63	66	71
	67	85	91	70	82	86	49	80	74	80	76	83
	71	80	79	51	71	75	45	74	65	73	75	83
	77	76	64	34	59	62	37	68	57	62	63	74
	76	86	79	62	61	71	40	70	50	65	58	85
	78	88	83	55	67	73	51	68	55	63	59	79
	69	79	79	47	67	69	48	66	55	63	60	79
	49	68	65	43	71	70	52	68	58	64	64	80
	49	71	69	42	57	61	49	61	49	59	52	75
	45	68	62	49	60	61	56	61	61	63	56	71
	30	61	55	56	55	56	32	60	51	56	58	74
	45	60	53	36	59	54	26	54	41	50	47	65
	43	63	53	33	56	50	22	57	44	46	45	59
	39	63	51	38	49	46	25	52	43	44	46	47
	45	68	55	50	59	44	43	61	52	52	61	65
	87	90	81	77	78	72	75	66	66	62	61	79
NS	62	77	72	56	68	66	46	69	61	65	65	77
AL	**	76	65	56	62	61	**	60	**	58	58	74

TATIONS	HIGHEST	TIME	DAY	LOWEST	TIME	DAY
INJAR	100	0300&06	3rd	22	1200	23rd
OSUL	97	0000	19th	30	1200	24th
IRKUK	100	0000	4th	28.	1200	27th
UTBAH	96	0300	4&15th	15	1200	26th
ABBANIYA	99	0300	8th	25	0900	26th
AGHDAD	99	0300	5th	21	1200	26th
UKHAIB	86	09&21	1st	13	1500	26th
AI	95	1200	1st	35	1200	26th
AJAF	95	0300	3&5th	19	1200	26th
IWANIYA	95	0300	15th	22	1200	26th
ASIRIYA	96	0000	9th	20	1200	24th
ASRAH	100	2100	9th	22	1200	26th.

LE 4 - a. درجات الحرارة العظمى والصغرى اليومية (مقنطرات)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	SINJAR		MOSUL		KIRKUK		KHANAQIN		RUTBAH	
الايام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
S	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
	14.4	6.7	17.1	5.8	18.5	8.9	20.0	6.1	10.5	8.0
2	13.1	5.8	11.1	7.9	10.4	7.5	12.2	8.9	14.5	4.4
3	12.2	4.6	12.8	5.8	12.3	6.9	15.0	7.2	14.0	7.2
4	13.4	6.8	15.3	6.8	14.8	7.8	16.1	7.2	14.0	5.2
5	12.2	5.1	12.7	3.4	15.1	5.3	16.7	4.4	14.5	2.2
6	13.7	5.8	13.2	7.0	15.2	6.3	17.2	5.0	15.6	5.0
7	15.7	6.1	16.7	5.8	16.4	5.5	17.8	2.8	13.0	5.2
8	15.2	5.1	17.2	3.7	17.1	5.4	19.4	3.3	14.0	2.2
9	15.8	6.4	16.2	2.8	16.8	4.0	17.8	2.2	16.0	2.0
0	16.3	8.4	16.9	3.4	16.8	5.9	17.8	3.3	19.0	6.0
1	15.3	9.2	19.0	4.4	18.5	6.3	18.9	3.9	20.0	3.5
2	15.3	8.1	15.2	6.2	15.4	7.1	17.8	5.0	20.0	7.0
3	17.8	8.1	19.6	4.4	21.6	6.9	22.8	6.1	20.0	8.0
4	16.4	9.4	15.8	6.4	12.4	9.9	13.3	10.0	15.0	7.2
5	15.7	7.8	18.8	8.8	17.6	9.7	18.9	8.3	19.6	4.4
6	14.1	7.2	16.0	7.8	17.3	8.4	20.0	6.1	19.6	7.4
7	13.4	9.1	12.9	10.2	13.7	11.5	21.7	8.3	16.5	5.2
8	13.3	6.4	16.0	7.8	15.1	9.1	17.2	9.4	17.0	5.2
9	15.3	5.4	18.4	5.3	17.7	6.4	17.8	5.0	18.5	2.4
20	19.3	6.8	19.4	6.4	20.2	7.6	20.6	4.4	18.5	3.4
21	17.4	9.7	18.7	7.5	19.4	7.0	20.0	5.5	18.5	3.5
22	20.1	10.4	21.5	6.6	19.9	9.3	20.6	6.1	16.0	4.6
23	19.1	10.6	21.7	6.2	20.5	8.1	21.1	5.5	19.5	2.5
24	20.6	9.8	22.6	5.8	22.0	7.9	23.3	5.0	23.0	3.5
25	20.9	9.2	22.4	5.3	21.7	8.1	22.8	6.1	24.5	5.5
26	21.7	10.6	23.2	5.2	22.4	9.0	24.4	7.2	24.5	9.0
27	16.8	12.9	20.2	10.4	22.7	12.2	22.2	8.9	24.5	10.8
28	18.5	9.0	13.2	10.2	15.7	11.8	17.8	12.2	17.0	9.6
EANS	15.8	7.9	17.3	6.3	17.4	7.9	19.0	6.2	17.8	5.3
DEPARTURE FROM NORMAL	....	....	+2.8	+3.1	+2.2	+2.6	+1.7	+0.6	+2.0	+2.8

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
SINJAR	21.7	26th	1966	-1.1	22nd	1962
MOSUL	26.7	28th	1955	-9.4	10th	1949
KIRKUK	26.6	25th	1941	-6.7	4th	1947
KHANAQIN	29.4	9th	1944	-4.4	9th	1950
RUTBAH	31.7	24th	1941	-8.3	11th	1949

TABLE 4 -b.

درجات الحرارة العظمى والصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES C°

	حبانية		بغداد		نخيب		حي	
	HABBANIYA		BAGHDAD		NUKHAIB		HAI	
الايام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	18.2	8.4	18.6	9.9	13.0	7.0	19.2	9.2
2	17.2	8.4	16.5	7.8	16.2	5.6	16.4	9.4
3	16.7	9.9	15.2	7.4	16.6	6.1	18.0	8.0
4	17.8	8.6	19.1	8.5	17.0	5.1	20.6	9.2
5	16.7	6.5	16.9	6.0	16.1	3.5	18.2	8.0
6	18.9	6.6	18.4	4.1	19.1	5.6	19.8	7.0
7	19.5	7.5	18.7	7.5	19.1	6.0	19.8	5.0
8	19.2	5.8	19.0	9.0	14.6	6.5	20.0	6.0
9	19.2	6.4	19.2	5.7	18.6	5.1	19.4	11.0
10	19.5	8.8	19.6	5.5	19.8	5.6	21.4	7.4
11	21.1	7.2	20.2	5.0	22.0	5.2	22.0	8.2
12	17.2	8.4	18.0	7.5	21.6	6.6	21.3	9.0
13	22.2	7.2	23.1	8.3	22.4	8.1	23.2	8.8
14	17.2	11.6	15.6	12.3	19.0	6.5	16.8	11.2
15	20.5	9.1	20.1	8.6	21.0	6.1	22.2	9.0
16	22.7	10.0	22.2	10.1	22.1	6.1	22.4	8.6
17	20.1	13.4	20.2	12.6	20.3	6.2	20.8	11.0
18	19.0	9.5	19.0	8.2	18.6	2.1	20.2	9.0
19	20.1	6.5	20.0	6.1	19.8	5.0	22.0	9.3
20	19.4	7.8	19.7	6.0	18.0	5.6	20.6	8.0
21	21.7	7.2	21.1	6.1	20.7	4.5	22.6	9.0
22	21.1	12.2	20.6	7.7	19.0	4.6	23.0	9.3
23	22.8	7.7	22.8	6.5	21.3	5.0	23.4	8.0
24	22.8	6.7	23.2	4.3	23.1	3.8	24.6	8.4
25	25.2	6.7	24.0	7.0	24.2	4.8	24.4	7.6
26	25.6	7.8	25.0	8.8	25.2	7.0	25.2	8.0
27	23.1	13.3	23.8	13.2	26.9	10.6	22.0	12.0
28	19.0	13.4	18.1	13.5	19.5	11.3	21.8	13.2
MEANS	20.1	8.7	19.9	8.0	19.8	5.9	21.1	8.9
DEPARTURE FROM NORMAL	+1.5	+2.9	+1.4	+2.3	....	....	+1.3	+1.8

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
HABBANIYA	30.6	22&26	1941	-5.0	8&9th	1950
BAGHDAD	30.0	26th	1941	-5.0	9th	1950
NUKHAIB	26.9	27th	1966	2.1	18th	1966
HAI	29.4	24&27	1941	-3.9	10th	1949

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TABLE 4 - C.

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درجات الحرارة العظمى والصغرى اليومية (سنتغراد)

DAILY MAXIMUM AND MINIMUM TEMPERATURES (C°)

	نجف		ديوانية		ناصرية		بصرة	
	NAJAF		DIWANIYA		NASIRIYA		BASRAH	
الايام	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى	عظمى	صغرى
DAYS	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.
1	18.4	7.8	19.8	10.7	19.3	10.2	25.2	13.6
2	18.0	7.8	18.9	9.4	16.2	9.2	17.3	12.2
3	17.2	7.2	17.6	4.6	18.9	8.1	20.2	8.2
4	18.4	7.8	20.0	10.1	18.9	11.4	20.8	9.0
5	18.0	8.0	18.2	8.0	18.4	8.4	21.4	9.1
6	19.4	5.6	20.0	4.6	18.6	6.3	19.8	7.5
7	20.0	8.0	20.5	6.2	17.6	8.5	17.8	8.2
8	15.7	7.8	18.4	8.6	16.6	10.8	19.9	9.9
9	19.3	7.0	20.0	10.5	16.9	10.7	17.0	9.9
10	21.4	7.6	21.3	7.8	19.5	7.8	21.0	7.9
11	22.4	7.5	22.3	9.0	21.2	8.2	22.3	9.2
12	20.2	8.4	20.2	8.8	19.9	9.8	22.9	7.9
13	22.8	7.7	23.5	10.0	22.6	9.8	25.3	9.6
14	20.0	11.3	19.8	11.4	20.4	14.1	22.6	12.5
15	22.2	8.0	21.0	8.8	21.1	10.7	20.8	11.7
16	23.4	8.5	22.8	10.2	23.0	9.3	23.8	9.4
17	23.8	12.2	22.6	14.0	22.9	14.3	23.0	13.9
18	20.8	10.2	20.3	7.0	20.5	10.5	22.9	11.5
19	21.7	7.4	22.2	6.3	21.0	8.2	22.0	9.3
20	20.5	8.2	20.6	7.0	19.2	9.5	21.3	9.0
21	21.7	8.6	21.6	8.5	21.3	11.4	22.0	13.2
22	19.4	9.0	21.4	10.5	22.9	9.6	23.6	9.4
23	22.8	9.0	23.2	8.0	21.9	11.8	22.7	12.3
24	23.5	9.5	23.4	9.0	22.4	9.5	24.0	10.4
25	24.6	9.7	25.0	7.6	24.9	8.5	25.3	8.6
26	25.7	10.5	26.0	9.0	25.3	10.7	27.4	9.3
27	24.2	11.2	23.3	14.5	21.8	14.2	24.3	11.8
28	25.2	10.6	27.4	13.1	24.4	14.7	21.2	14.8
MEANS	21.1	8.6	21.5	9.0	20.6	10.2	22.1	10.3
DEPARTURE FROM NORMAL	****	****	+1.9	+4.1	+0.1	+2.8	+1.6	+1.7

STATIONS	HIGHEST MAX.	DAY	YEAR	LOWEST MIN.	DAY	YEAR
NAJAF	29.1	22nd	1963	2.3	1st	1963
DIWANIYA	32.0	22nd	1955	-7.2	9th	1950
NASIRIYA	32.6	17th	1962	-3.9	9th	1950
BASRAH	31.4	17th	1962	-2.2	9th	1950

TABLE 5. المعدل الشهري لدرجات الحرارة للبصلة الجافة (سنتغراد)

MONTHLY MEAN DRY BULB TEMPERATURES (C°)

STATIONS	TIME - G. M. T. 0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	....	8.9	10.3	13.2	14.5	12.5	10.6	....	11.7
MOSUL	8.1	7.3	9.2	14.0	16.4	14.4	11.3	9.5	11.3
KIRKUK	9.7	8.9	11.3	15.1	16.3	14.2	11.9	10.4	12.2
KHANAQIN	....	8.5	11.8	16.9	18.3	15.8	12.8	....	14.0
RUTBAH	7.5	6.2	9.1	15.3	17.3	15.1	11.0	8.9	11.3
HABBANIYA	10.5	9.5	12.2	18.0	19.8	17.2	13.5	12.0	14.1
BAGHDAD	10.4	9.2	12.1	17.6	19.4	17.8	14.3	11.8	14.1
NUKHAIB	....	....	10.5	16.4	19.3	17.8	13.9	....	15.6
HAI	....	9.7	12.6	19.2	20.7	17.0	14.4	....	15.6
NAJAF	10.7	9.2	12.4	18.6	20.8	18.9	15.2	13.0	14.6
DIWANIYA	10.6	9.7	13.4	19.4	21.0	17.9	14.4	12.8	14.9
NASIRIYA	12.2	11.0	13.4	18.3	19.9	18.4	15.6	13.8	15.3
BASRAH	12.6	11.6	14.8	20.0	21.0	17.7	15.4	13.9	15.9

TABLE 6. MONTHLY MEAN VAPOUR PRESSURE (MBS) ضغط البخار (ملليبارات)

SINJAR	....	7.9	8.9	9.1	8.2	8.3	8.2	....	8.4
MOSUL	9.6	9.2	9.6	10.9	10.5	10.4	10.4	10.1	10.1
KIRKUK	9.6	9.1	9.6	9.9	9.6	10.3	10.4	9.9	9.8
KHANAQIN	....	9.1	10.2	10.4	10.5	10.7	10.8	....	10.3
RUTBAH	7.1	7.0	7.3	7.0	6.2	6.5	7.6	7.6	7.0
HABBANIYA	10.2	10.0	10.8	11.1	10.6	10.9	10.7	10.6	10.6
BAGHDAD	9.8	9.9	10.2	10.6	10.1	10.4	10.4	10.1	10.2
NUKHAIB	....	....	7.8	8.2	7.3	7.1	8.0	....	7.7
HAI	....	10.0	11.0	13.5	12.6	12.4	11.9	....	11.9
NAJAF	9.7	9.4	9.7	10.1	9.5	10.1	10.3	10.1	9.9
DIWANIYA	10.1	9.8	10.7	11.1	10.3	11.1	11.2	10.7	10.7
NASIRIYA	10.4	10.2	11.1	11.5	10.7	11.6	11.1	11.3	11.0
BASRAH	12.9	12.4	13.5	14.1	13.8	14.1	14.1	13.6	13.6

TABLE 7. MONTHLY MEAN WET-BULB TEMPERATURES (C°) معدل حرارة البصلة الرطبة (سنتغراد)

SINJAR	....	6.4	8.0	10.0	9.6	8.6	7.7	....	8.4
MOSUL	7.3	6.6	7.9	11.1	11.9	11.0	9.4	8.4	9.2
KIRKUK	8.1	7.4	8.9	11.0	11.3	10.8	9.7	8.7	9.5
KHANAQIN	....	7.1	9.5	12.1	12.7	11.8	10.4	....	10.6
RUTBAH	5.2	4.4	6.3	9.4	9.7	8.9	7.5	6.3	7.2
HABBANIYA	8.9	8.2	10.2	13.1	13.6	12.6	10.7	9.9	10.9
BAGHDAD	7.5	7.9	9.8	12.6	13.1	12.6	11.0	9.5	10.5
NUKHAIB	....	....	7.3	10.6	11.6	10.8	9.3	....	9.9
HAI	....	8.2	10.3	14.3	14.6	13.4	11.5	....	12.5
NAJAF	8.7	7.7	9.5	12.7	13.4	12.7	11.3	10.1	10.8
DIWANIYA	8.8	8.2	10.4	13.7	14.1	13.1	11.4	10.1	11.2
NASIRIYA	9.9	9.2	11.0	13.4	13.7	13.5	12.0	11.2	11.7
BASRAH	11.6	10.7	12.9	15.6	15.8	14.5	13.5	12.5	13.4

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TABLE 8 المعدل الشهري لدرجة الندى (سلسيوس)

MONTHLY MEAN DEW-POINT (C°)

STATIONS	TIME G.M.T. 0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	....	3.4	5.1	5.3	3.7	4.1	3.9	....	4.3
MOSUL	6.3	5.7	5.3	8.2	7.5	7.5	7.6	7.0	7.0
KIRKUK	6.2	5.4	6.2	6.6	6.1	7.2	7.4	6.8	6.5
KHANAQIN	....	5.4	7.1	7.3	7.4	7.7	7.9	....	7.1
KUTBAH	1.4	1.6	2.1	1.6	-0.1	0.6	2.7	2.8	1.6
HABBANIYA	7.2	6.8	8.0	8.4	8.4	8.0	7.9	7.6	7.8
BAGHDAD	6.7	6.3	7.2	[illegible]	6.8	7.3	7.4	7.0	7.1
NUKHAIB	....	....	2.6	3.7	2.6	2.1	3.2	....	2.8
HAI	....	7.0	8.4	10.9	10.3	10.1	9.5	....	9.4
NAJAF	6.3	5.6	6.3	6.8	6.3	6.7	7.1	6.9	6.5
DIWANIYA	6.9	6.4	7.8	8.5	7.6	8.1	8.4	7.7	7.7
NASIRIYA	7.5	7.2	8.5	9.1	7.6	8.9	8.5	8.7	8.3
BASRAH	10.5	10.0	11.3	12.0	11.4	11.8	11.9	11.3	11.3

TABLE 9. MONTHLY MEAN RELATIVE HUMIDITY % (٪) الرطوبة النسبية

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	..	70	73	57	52	58	64	..	62
MOSUL	89	89	83	70	58	65	78	81	77
KIRKUK	81	84	73	60	55	66	76	81	72
KHANAQIN	..	81	72	65	[illegible]	61	73	..	66
KUTBAH	69	74	64	42	34	40	59	67	56
HABBANIYA	82	85	74	56	47	56	70	76	68
BAGHDAD	79	83	73	54	46	52	65	74	66
NUKHAIB	..	..	62	45	32	37	51	..	45
HAI	..	83	76	59	53	65	75	..	69
NAJAF	75	85	68	48	40	49	60	68	62
DIWANIYA	79	80	70	51	44	54	69	75	65
NASIRIYA	74	78	73	56	47	56	64	72	65
BASRAH	88	90	81	61	57	71	80	85	77

TABLE 10 MONTHLY MEAN PRESSURE(MBS) AT M.S.L. الضغط الجوي على سطح البحر

STATIONS	0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	....	18.1	18.4	17.4	16.0	16.7	17.5	....	1017.4
MOSUL	18.3	18.3	19.2	18.4	16.3	16.6	17.5	17.5	1017.8
KIRKUK	17.5	17.7	18.2	17.7	15.9	16.3	17.1	17.4	1017.2
KHANAQIN	....	18.8	18.6	17.4	16.0	16.0	17.6	....	1017.4
KUTBAH	16.5	17.1	18.4	17.5	16.0	16.3	16.8	16.4	1016.9
HABBANIYA	16.5	16.8	17.8	19.2	15.4	15.5	16.3	16.3	1016.5
BAGHDAD	16.7	16.9	18.1	17.6	15.8	16.0	16.7	16.7	1016.8
NUKHAIB	....	....	18.0	17.1	15.1	15.0	15.8	....	1016.2
HAI	....	16.5	17.6	17.1	15.4	15.5	16.3	....	1016.4
NAJAF	16.2	16.3	17.6	16.9	15.7	14.5	16.1	16.2	1016.2
DIWANIYA	16.4	16.9	18.1	17.6	15.7	16.2	16.6	16.8	1016.8
NASIRIYA	16.2	16.5	17.7	17.1	15.2	15.4	16.3	16.3	1016.3
BASRAH	16.7	16.9	18.2	17.6	16.1	16.4	16.9	16.8	1017.0

TABLE 11 . المعدل الشهري لكمية الغيوم الواطئة (الاثمان)

MONTHLY MEAN LOW CLOUD AMOUNTS (OKTAS)

STATIONS	TIME - G. M. T. 0000	0300	0600	0900	1200	1500	1800	2100	MEANS
SINJAR	...	1.9	2.7	3.4	4.2	2.9	1.2	...	2.7
MOSUL	2.5	3.0	4.0	4.6	4.6	3.0	2.9	2.9	3.4
KIRKUK	2.5	2.4	2.8	3.3	3.5	2.6	1.9	2.3	2.7
KHANAQIN	...	3.5	3.3	3.1	3.5	4.2	3.1	...	3.5
RUTBAH	1.8	1.5	2.1	2.6	3.7	2.2	1.5	1.4	2.2
HABBANIYA	0.5	0.5	0.6	0.7	2.0	1.1	0.5	0.6	0.8
BAGHDAD	0.5	0.8	0.8	1.2	2.5	1.0	0.8	0.5	1.0
NUKHAIB	...	...	1.3	1.3	2.6	2.9	1.3	...	1.9
HAI	...	1.0	1.1	1.2	1.4	1.4	1.1	...	1.2
NAJAF	0.8	1.1	1.2	1.0	2.0	1.5	1.4	1.3	1.3
DIWANIYA	0.7	0.9	1.1	1.4	2.5	1.8	1.0	0.8	1.3
NASIRIYA	1.8	2.0	2.0	2.3	2.4	2.0	1.5	1.5	1.9
BASRAH	1.0	0.9	0.8	1.4	1.9	1.3	0.6	0.9	1.1

TABLE 12. MONTHLY MEAN TOTAL CLOUD AMOUNTS (OKTAS) معدل مجموع كمية الغيوم (الاثمان)

SINJAR	...	3.9	4.9	4.9	5.7	5.2	2.1	...	4.5
MOSUL	3.6	4.6	5.6	5.7	5.6	5.1	4.4	4.0	4.8
KIRKUK	3.0	3.1	3.8	4.3	4.8	4.0	2.6	3.2	3.6
KHANAQIN	...	4.0	4.2	4.3	4.9	5.3	4.1	...	4.5
RUTBAH	3.4	4.0	3.6	3.9	5.1	4.1	2.6	2.7	3.7
HABBANIYA	2.7	3.9	3.9	3.8	4.1	3.7	2.6	2.5	3.4
BAGHDAD	2.9	3.1	3.8	3.6	4.8	4.0	2.9	2.7	3.5
NUKHAIB	...	...	3.2	3.5	4.5	4.8	3.4	...	3.9
HAI	...	3.2	3.6	4.0	4.4	4.0	3.1	...	3.4
NAJAF	2.4	2.8	3.8	4.1	4.5	3.9	3.6	3.1	3.5
DIWANIYA	1.8	2.8	3.3	3.5	4.4	3.7	3.1	2.1	3.1
NASIRIYA	2.6	3.3	3.6	4.0	4.2	3.0	2.3	2.2	3.2
BASRAH	3.1	3.0	3.9	3.9	4.1	3.3	2.8	2.6	3.3

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عدد تكرار رصدات الرياح السطحية

SURFACE - WIND, NUMBER OF OBSERVATIONS OF:

المحطة	وقت كرينتش	DIRECTION الاتجاه								ريح ساكن	SPEED IN KNOTS السرعة بالعقد				معدل السرعة بالعقد
TATIONS	TIME GMT.	N	NE	E	SE	S	SW	W	NW	CA-LM	1-10	11-21	22-33	≥34	MEAN V.K.
سنجار	0300	17	2	0	2	2	0	3	1	1	27	0	0	0	4
	0600	10	5	5	0	4	0	4	0	0	28	0	0	0	5
	0900	1	1	8	4	3	0	8	1	2	26	0	0	0	4
INJAR	1200	2	1	7	2	6	0	8	2	0	27	1	0	0	5
	1500	5	0	7	2	2	0	7	3	2	26	0	0	0	4
	1800	11	2	5	0	3	0	1	3	3	25	0	0	0	3
	TOTAL	46	11	32	10	20	0	31	10	8	159	1	0	0	4
موصل	0000	1	0	2	2	3	0	6	4	10	17	1	0	0	3
	0300	0	1	3	2	3	0	6	5	8	19	1	0	0	3
	0600	2	0	4	2	2	0	7	8	3	24	1	0	0	4
	0900	2	0	9	1	8	0	2	4	2	23	3	0	0	6
OSUL	1200	0	1	6	4	5	0	5	3	4	19	5	0	0	6
	1500	1	1	6	4	3	0	6	5	2	24	2	0	0	5
	1800	3	2	2	2	2	0	1	5	11	15	1	1	0	4
	2100	0	0	0	2	5	0	4	8	9	19	0	0	0	3
	TOTAL	9	5	32	19	31	0	37	42	49	160	14	1	0	4
كركوك	0000	0	10	1	3	0	0	0	0	14	14	0	0	0	3
	0300	0	10	3	1	0	0	0	0	14	13	1	0	0	3
	0600	1	5	3	0	0	0	0	0	19	9	0	0	0	1
	0900	0	1	0	5	2	1	2	0	17	10	1	0	0	2
IRKUK	1200	1	1	1	5	2	0	4	1	13	11	3	1	0	5
	1500	0	1	2	2	2	0	5	1	15	11	2	0	0	4
	1800	0	4	2	3	1	0	0	0	19	9	1	0	9	2
	2100	0	6	1	5	0	0	0	0	16	10	2	0	0	3
	TOTAL	2	38	13	24	7	1	11	2	126	87	10	1	0	3
خانقين	0300	0	1	17	1	2	0	0	0	7	20	1	0	0	5
	0600	0	0	7	4	3	0	1	0	13	13	2	0	0	4
	0900	4	0	0	2	6	0	5	2	9	15	2	2	0	6
HANAQIN	1200	4	0	1	1	5	0	9	5	3	22	2	1	0	6
	1500	2	0	0	1	8	0	10	5	2	23	2	0	1	7
	1800	0	0	3	3	3	0	4	0	15	11	2	0	0	3
	TOTAL	10	1	28	12	27	0	29	12	49	104	11	3	1	5

BLE 13 - b.

عدد تكرار رصدات الرياح السطحية

SURFACE - WIND , NUMBER OF OBSERVATIONS OF:

المحطة	وقت كرينتش	DIRECTION الاتجاه								ريح ساكن	SPEED IN KNOTS السرعة بالعقد				معدل السرعة بالعقد
ATIONS	TIME GMT.	N	NE	E	SE	S	SW	W	NW	CALM	1-10	11-21	22-33	34	MEAN W.K.
رطبة TBAH	0000	0	3	2	1	4	1	5	3	9	12	7	0	0	6
	0300	1	1	3	0	6	2	6	2	7	16	5	0	0	6
	0600	3	0	3	1	2	4	9	2	4	19	5	0	0	6
	0900	2	1	4	2	1	2	13	1	2	17	9	0	0	6
	1200	4	0	7	0	4	1	8	1	3	14	11	0	0	9
	1500	4	4	5	0	2	0	9	2	2	23	3	0	0	6
	1800	4	0	7	1	1	0	3	1	11	11	6	0	0	6
	2100	2	1	5	1	2	3	3	3	8	14	6	0	0	6
	TOTAL	20	10	36	6	22	13	56	15	46	126	52	0	0	6
حبانية ABBANIYA	0000	0	1	3	2	2	1	2	3	14	9	5	0	0	4
	0300	1	1	3	2	0	1	6	1	13	11	4	0	0	5
	0600	2	2	3	2	1	2	7	4	5	17	6	0	0	7
	0900	4	2	1	2	3	2	9	5	0	18	9	1	0	10
	1200	2	2	3	3	1	1	9	5	2	21	4	1	0	8
	1500	2	3	2	2	1	0	4	2	12	15	1	0	0	4
	1800	1	1	6	1	1	0	2	1	15	11	2	0	0	4
	2100	0	2	5	1	2	0	5	1	12	13	3	0	0	5
	TOTAL	12	14	26	15	11	7	44	22	73	115	34	2	0	6
بغداد AGHDAD	0000	2	2	3	4	1	0	2	1	13	12	2	1	0	4
	0300	2	3	3	2	0	0	3	3	12	15	1	0	0	4
	0600	0	3	0	5	1	1	2	6	10	14	4	0	0	5
	0900	3	1	0	5	1	1	1	12	4	19	4	1	0	8
	1200	3	4	1	6	1	1	2	9	1	17	9	1	0	9
	1500	3	2	4	4	0	1	3	3	8	17	3	0	0	5
	1800	3	1	1	5	1	1	0	3	13	12	2	1	0	3
	2100	1	0	3	4	1	0	4	0	15	9	3	1	0	4
	TOTAL	17	16	15	35	6	5	17	37	76	115	28	5	0	5
نخيب UKHAIB	0600	3	1	2	3	1	1	7	4	6	14	8	0	0	8
	0900	4	0	4	4	1	2	3	6	4	15	8	1	0	9
	1200	6	1	5	4	2	1	4	5	0	20	8	0	0	8
	1500	5	2	2	5	2	3	1	5	3	20	5	0	0	8
	1800	4	1	4	5	5	1	1	4	3	24	1	0	0	5
	TOTAL	22	5	17	21	11	8	16	24	16	93	30	1	0	8

ABLE 13 - c.

عدد تكرار وحدات الرياح السطحية

SURFACE - WIND , NUMBER OF OBSERVATIONS OF:

المحطة STATIONS	وقت كرينتش TIME GMT.	DIRECTION الاتجاه N	NE	E	SE	S	SW	W	NW	ريح ساكن CALM	SPEED IN KNOTS السرعة بالعقد 1-10	11-21	22-33	34	معدل السرعة بالعقد MEAN V.K.
حي AI	0300	3	0	4	1	3	2	5	5	5	19	3	1	0	6
	0600	4	0	0	3	4	1	2	4	19	15	1	2	0	4
	0900	7	0	4	1	5	1	3	4	3	21	1	3	0	7
	1200	4	1	3	3	3	0	5	6	3	14	8	3	0	10
	1500	2	0	2	2	4	0	3	5	10	14	2	2	0	6
	1800	3	0	2	3	2	0	2	7	9	15	3	1	0	6
	TOTAL	23	1	15	13	21	4	20	31	40	98	18	12	0	7
نجف AJAF	0000	4	1	1	4	3	0	5	9	1	19	7	1	0	10
	0300	3	1	2	2	2	2	6	9	1	18	8	1	0	9
	0600	2	4	1	1	6	0	4	10	0	26	2	0	0	7
	0900	3	2	2	4	4	1	2	9	1	19	8	0	0	9
	1200	4	2	2	4	4	2	1	9	0	18	10	0	0	10
	1500	8	1	3	4	3	1	1	7	0	20	7	1	0	9
	1800	6	4	3	3	2	2	2	6	0	24	4	0	0	8
	2100	6	3	1	5	3	0	4	5	1	22	4	1	0	8
	TOTAL	36	18	15	27	27	8	25	64	4	166	50	4	0	9
ديوانية DIWANIYA	0000	4	0	8	3	0	1	4	2	6	17	5	0	0	5
	0300	1	1	6	3	0	1	7	2	7	18	3	0	0	5
	0600	1	5	2	3	3	2	10	2	1	20	7	0	0	7
	0900	4	1	2	5	5	1	7	2	1	16	10	1	0	9
	1200	4	0	5	1	2	3	8	3	2	14	12	0	0	9
	1500	5	1	3	5	1	0	5	4	4	20	4	0	0	6
	1800	3	2	5	3	0	0	2	2	11	14	3	0	0	5
	2100	1	4	5	4	0	0	3	3	8	17	3	0	0	4
	TOTAL	23	14	36	27	11	7	46	20	40	136	47	1	0	6

TABLE 13 - a . عدد تكرار رصدات الرياح السطحية

SURFACE - WIND NUMBER OF OBSERVATIONS OF:

STATIONS	TIME GMT.	DIRECTION N	NE	E	SE	S	SW	W	NW	CALM	SPEED IN KNOTS 1-10	11-21	22-33	34	MEAN V.K.
NASIRIYA	0000	1	2	4	3	3	3	4	5	3	23	2	0	0	5
	0300	0	0	4	4	3	0	8	3	6	20	2	0	0	5
	0600	0	1	0	6	3	0	8	4	6	18	3	1	0	5
	0900	0	0	1	6	6	1	9	5	0	22	6	0	0	6
	1200	0	0	1	6	2	4	6	9	0	25	3	0	0	6
	1500	1	0	1	7	0	0	9	5	5	21	2	0	0	5
	1800	2	2	2	7	0	1	7	4	5	24	1	0	0	5
	2100	2	2	0	4	2	1	4	6	7	20	1	0	0	5
	TOTAL	6	7	13	43	19	10	55	41	30	173	20	1	0	6
BASRAH	0000	1	2	4	4	1	1	8	6	1	26	1	0	0	5
	0300	4	0	5	2	1	3	10	2	1	24	3	0	0	5
	0600	2	0	3	2	2	2	13	4	0	22	6	0	0	6
	0900	2	0	2	1	5	3	7	8	0	19	8	1	0	9
	1200	4	0	1	1	6	0	5	11	0	22	6	0	0	8
	1500	3	1	1	2	4	0	7	8	2	22	4	0	0	6
	1800	6	0	2	3	5	0	6	6	0	25	2	1	0	6
	2100	4	4	1	3	6	1	5	4	0	26	2	0	0	5
	TOTAL	26	7	19	18	30	10	61	49	4	186	32	2	0	6

TABLE 14. اعلى سرعة ريح حدثت خلال ساعة

HIGHEST WIND - SPEED, DURING ONE HOUR.

STATIONS	HIGHEST WIND-SPEED DURING ONE HOUR (V.K.)	DIRECTION	TIME GMT.	DAY
SINJAR	12 knots	150	1200	16th
MOSUL	25	120	1800	16th
KIRKUK	25	140	1200	2nd
KHANAQIN	35	180	1500	17th
RUTBAH	20	100	1200	26th
HABBANIYA	25	130	1200	16th
BAGHDAD	23	130	0900	27th
NUKHAIB	24	160	0900	16th
HAI	32	160	1200	17th
NAJAF	25	120	1500	27th
DIWANIYA	23	130	0900	17th
NASIRIYA	23	140	0600	17th
BASRAH	23	160	0900	28th.

FEBRUARY 1966. TABLE 16. شباط ١٩٦٦ (24)

القراءات اليومية لحرارة الحشيش والتربة (سنتغراد)

DAILY GRASS MINIMUM TEMPERATURE C°, AND SOIL TEMPERATURE C° OF 0.3M & 1.2 METER.

	MOSUL	KIRKUK			HABBANIYA			BAGHDAD			NAJAF		NASIRIYA			BASRAH
DAYS	0.3M	GRASS	0.3M	1.2M	GRASS	0.3M	1.2M	GRASS	0.3M	1.2M	0.3M	1.2M	GRASS	0.3M	1.2M	GRASS
1	10.0	6.6	13.3	16.6	5.6	16.2	19.4	6.1	14.5	19.7	14.9	18.3	9.5	18.1	20.4	9.0
2	11.0	7.0	13.3	16.6	6.0	16.1	19.3	5.8	14.7	19.8	14.4	18.3	8.3	17.4	20.4	11.5
3	10.4	6.0	12.8	16.6	6.7	16.0	19.0	5.6	14.0	19.6	14.0	18.2	6.8	16.3	20.4	1.8
4	9.4	6.5	12.2	16.6	4.5	15.7	19.0	5.7	14.1	19.3	14.5	18.1	10.1	16.5	20.9	2.8
5	8.9	1.0	12.7	16.3	2.7	16.1	19.2	2.4	14.0	19.6	14.2	18.1	7.2	16.5	20.4	3.5
6	9.3	3.0	12.7	16.4	3.4	16.1	19.1	-0.5	13.3	19.5	18.2	13.0	5.5	16.0	20.4	2.0
7	9.1	2.5	12.7	16.2	3.8	16.4	19.0	2.8	14.2	19.6	13.9	18.1	6.4	16.1	20.4	2.6
8	8.9	3.4	12.7	16.1	2.2	16.7	19.2	3.8	14.0	19.5	14.4	17.9	10.2	16.2	20.4	5.9
9	8.3	1.0	12.2	16.1	3.7	16.7	18.9	2.6	14.5	19.5	13.6	17.8	10.2	15.8	20.3	8.4
10	8.5	1.6	12.3	16.1	3.4	17.0	19.0	1.0	14.0	19.5	13.7	17.9	6.8	15.0	20.1	3.5
11	8.9	3.2	12.5	16.1	3.7	17.2	19.1	1.0	14.1	19.4	14.4	17.9	7.3	15.4	20.1	5.5
12	10.7	3.0	12.8	16.1	5.6	17.5	18.0	3.0	14.5	19.3	13.8	18.0	8.6	15.9	20.0	2.9
13	9.4	3.5	12.7	16.0	5.4	16.7	19.0	2.5	14.0	19.3	14.8	18.0	7.3	16.1	20.0	3.1
14	11.7	9.6	13.4	16.0	9.4	17.2	19.1	10.0	15.5	19.4	15.9	18.2	13.0	17.2	20.0	9.4
15	11.6	8.1	13.3	16.0	6.5	17.2	19.2	5.0	15.0	19.5	14.8	18.2	10.2	17.0	19.9	8.7
16	11.1	5.1	13.4	16.1	7.5	17.8	19.2	7.2	15.1	19.3	15.7	18.3	7.7	17.0	19.9	4.0
17	11.5	9.4	13.6	16.0	12.2	17.8	19.4	12.1	16.2	19.3	17.2	18.4	12.8	17.8	19.9	10.5
18	10.0	7.7	12.9	16.1	7.1	17.8	19.5	4.5	15.1	19.5	16.2	18.4	8.5	17.2	19.9	5.0
19	9.4	2.5	13.0	16.0	3.9	18.2	19.5	1.4	14.6	19.5	16.4	18.8	7.5	17.0	19.8	3.2
20	10.4	5.1	13.3	16.0	5.0	18.4	19.4	0.6	14.5	19.5	15.8	19.8	8.0	17.0	19.9	2.2
21	10.8	2.6	13.4	16.0	6.1	18.0	19.5	1.2	14.3	19.4	16.8	19.0	11.1	17.1	20.0	9.4
22	10.7	6.0	13.5	16.0	8.4	18.4	19.5	2.2	15.0	19.4	17.4	19.0	8.3	17.1	20.0	3.1
23	11.0	5.7	13.8	16.1	5.0	18.5	19.5	1.2	14.5	19.4	16.5	19.2	11.5	17.7	20.4	6.8
24	10.7	5.6	13.8	16.1	3.4	18.6	19.5	-1.5	14.7	19.3	16.5	19.2	7.8	17.6	20.0	3.9
25	10.8	5.4	13.9	16.1	4.2	18.9	20.0	0.6	15.0	19.4	16.7	18.2	7.6	17.6	20.0	2.5
26	10.8	6.6	14.0	16.1	5.0	19.2	20.0	2.6	15.7	19.4	17.6	19.3	9.2	18.0	20.0	1.1
27	11.9	9.6	14.4	16.1	10.9	19.6	19.6	11.3	16.8	19.4	19.0	19.5	13.2	18.5	20.0	7.8
28	12.3	10.6	14.5	16.1	11.7	19.2	19.7	10.3	17.0	19.3	18.4	19.6	12.7	18.2	20.0	12.3
MEANS	10.3	5.3	13.2	16.2	5.8	17.5	19.3	4.1	14.4	19.5	15.7	18.3	9.0	16.9	20.1	5.4

BLE 17 a.

التبخر اليومي (بالملمترات)

ILY EVAPORATION IN (MILLIMETERS) IN PAN CLASS A. AT 0600 GMT.

الايام	بغداد	موصل	كركوك	نخيب	نجف	ديوانية	ناصرية	بصرة
YS	BAGHDAD	MOSUL	KIRKUK	NUKHAIB	NAJAF	DIWANIYA	NASIRIYA	BASRAH
1	1.0	-13.0	1.0	3.0	6.0	2.0	4.0	3.0
2	-7.0	-1.0	-22.0	3.0	5.0	-1.0	-20.0	-20.0
3	4.0	1.0	-10.0	5.0	4.0	2.0	3.0	2.0
4	0.0	0.0	-20.0	6.0	7.0	-3.0	0.0	2.0
5	-3.0	-2.0	2.0	5.0	3.0	2.0	3.0	2.0
6	1.0	-1.0	1.0	5.0	1.0	2.0	0.0	2.0
7	2.0	2.0	0.0	5.0	2.0	3.0	2.0	2.0
8	4.0	0.0	2.0	4.0	3.0	2.0	2.0	2.0
9	2.0	1.0	2.0	5.0	4.0	-1.0	-15.0	-24.0
10	3.0	1.0	2.0	5.0	2.0	2.0	1.0	1.0
11	2.0	0.0	2.0	6.0	6.0	3.0	3.0	2.0
12	3.0	0.0	2.0	5.0	1.0	2.0	2.0	1.0
13	0.0	1.0	1.0	5.0	1.0	2.0	2.0	3.0
14	-1.0	-1.0	-7.0	4.0	6.0	-1.0	2.0	-4.0
15	1.0	1.0	0.0	5.0	2.0	2.0	2.0	-5.0
16	3.0	1.0	2.0	6.0	3.0	2.0	2.0	5.0
17	5.0	-3.0	2.0	7.0	4.0	2.0	4.0	3.0
18	-2.0	-2.0	-10.0	5.0	7.0	5.0	3.0	2.0
19	3.0	1.0	-10.0	6.0	4.0	3.0	2.0	4.0
20	3.0	1.0	2.0	7.0	5.0	2.0	3.0	2.0
21	2.0	0.0	2.0	4.0	3.0	2.0	0.0	4.0
22	3.0	1.0	2.0	4.0	4.0	3.0	5.0	4.0
23	2.0	3.0	3.0	4.0	6.0	1.0	3.0	1.0
24	5.0	2.0	3.0	3.0	3.0	2.0	4.0	4.0
25	1.0	2.0	2.0	4.0	6.0	4.0	3.0	3.0
26	3.0	2.0	3.0	5.0	6.0	2.0	3.0	5.0
27	7.0	-4.0	4.0	4.0	7.0	5.0	4.0	3.0
28	5.0	-13.0	2.0	-10.0	6.0	3.0	0.0	2.0
MEANS	2.0	-0.7	-1.3	4.3	4.0	1.9	1.0	0.4

TABLE 17 b. التبخر اليومي (ملليمترات)

DAILY EVAPORATION IN (MILLIMETERS) IN PAN CLASS A. AT 0600 GMT.

الايام	رطبة	دربند خان	دوكان	ديانا
DAYS	RUPBAH	DERBANDIKHAN	DOKAN	DIANA
1	4.0	2.0	1.0	2.0
2	3.0	-21.0	-33.0	-26.0
3	3.0	0.0	-27.0	-11.0
4	4.0	-20.0	-24.0	-22.0
5	5.0	-9.0	1.0	2.0
6	4.0	2.0	0.0	-4.0
7	4.0	3.0	1.0	2.0
8	5.0	3.0	1.0	2.0
9	6.0	4.0	1.0	1.0
10	6.0	2.0	1.0	2.0
11	6.0	2.0	1.0	3.0
12	6.0	3.0	1.0	2.0
13	4.0	2.0	0.0	0.0
14	4.0	-11.0	-9.0	1.0
15	4.0	-1.0	-4.0	-5.0
16	4.0	-2.0	-2.0	1.0
17	4.0	3.0	-3.0	-4.0
18	4.0	-33.0	-40.0	-39.0
19	4.0	-3.0	0.0	1.0
20	4.0	3.0	1.0	3.0
21	4.0	3.0	2.0	4.0
22	4.0	3.0	-1.0	5.0
23	6.0	4.0	2.0	3.0
24	6.0	5.0	2.0	2.0
25	7.0	5.0	2.0	2.0
26	7.0	5.0	2.0	3.0
27	9.0	4.0	2.0	5.0
28	10.0	-1.0	0.0	4.0
MEANS	5.0	-1.5	-4.4	-2.2

CLIMATOLOGICAL SUMMARY الملخصات المناخية

NUMBER OF DAYS FOR THE CASES OF PHENOMENA : عدد الايام التي حدثت فيها الظواهر الجوية

STATIONS	RAIN	SNOW	HAIL	THUNDER STORM	FOG	MIST	HAZE	RISING DUST	SUSPENDED DUST	DUST STORM	GROUND FROST	STATE OF SKY CLEAR	STATE OF SKY CLOUDY
SINJAR	6	0	0	0	0	0	0	0	0	0	0	2	5
MOSUL	12	0	0	0	2	7	7	1	0	0	0	1	8
KIRKUK	11	0	0	4	0	0	0	0	0	0	0	10	6
KHANAQIN	9	0	0	3	0	0	0	0	0	0	0	5	9
RUTBAH	7	0	0	1	0	0	0	2	0	0	0	,,	,
HABBANIYA	5	0	0	4	2	9	0	3	2	2	0	7	1
BAGHDAD	7	0	0	4	3	12	8	2	0	1	0	5	1
NUKHAIB	2	0	1	2	0	1	0	2	0	0	0	4	3
HAI	7	0	0	1	0	0	0	3	0	0	0	6	4
NAJAF	5	0	0	1	0	6	0	4	0	1	0	6	4
DIWANIYA	4	0	0	4	0	1	0	3	0	2	0	9	1
NASIRIYA	4	0	0	2	0	5	1	2	5	1	0	8	1
BASRAH	6	0	1	5	2	11	0	0	0	0	0	7	3

TABLE - 19.

DURATION OF SUNSHINE : مدة سطوع الشمس بالساعات

STATIONS	MONTHLY TOTAL SUNSHINE-HOURS	MAX. SUNSHINE DURING ONE DAY HOURS	MAX. SUNSHINE DURING ONE DAY DAY	No. OF DAYS WITHOUT SUNSHINE
MOSUL	150.7	11.0	23rd	4
HABBANIYA	208.4	10.9	23&25th	0
BAGHDAD	184.6	10.1	26th	0
BASRAH	215.3	11.0	26th	1

DIOSONDE OBSERVATIONS AT STANDARD LEVELS(1200GMT.) AT BAGHDAD AIR PORT

	1000 MILLIBARS					850 MILLIBARS				
YS	HHHH	TT	TdTd	dd	FF	HHHH	TT	TdTd	dd	FF
1	107	18.6	10.0	05	10	1487	12.0	5.5	13	20
2	106	14.0	10.0	24	15	1447	2.5	-3.0	27	22
3	126	14.5	10.8	16	03	1486	5.8	-8.0	22	21
4	164	15.4	5.8	20.	05	1522	4.9	2.8	20	08
5	164	15.4	7.1	33	13	1520	3.0	-2.0	35	12
6	158	15.9	-	00	00	1501	3.2	-	00	00
7	146	17.5	-	20	06	1504	4.6	-	03	08
8	147	17.3	7.5	10	08	1511	7.3	00	04	12
9	136	17.3	7.7	31	21	1488	5.2	2.0	33	30
0	152	18.8	9.5	31	06	1516	5.4	2.3	31	20
1	192	19.1	10.3	34	10	1564	9.2	5.4	31	10
2	194	16.8	9.0	30	06	1554	8.5	-1.0	30	10
3	141	20.8	9.1	12	06	1519	11.4	3.0	14	16
4	114	14.3	11.4	02	07	1458	4.0	3.0	02	15
5	130	19.4	9.1	31	07	1494	7.9	0.9	30	10
6	112	20.5	9.3	16	24	1485	10.2	-1.1	19	29
7	086	18.5	13.2	-	-	1455	8.4	5.4	-	-
8	164	17.2	8.3	28	11	1522	4.4	4.0	27	18
9	175	19.0	11.8	36	06	1541	7.2	5.2	35	07
0	126	18.2	3.8	33	07	1488	6.7	-1.6	33	06
1	120	20.2	4.7	32	13	1493	5.2	-2.5	31	14
2	144	17.9	4.4	00	00	1502	5.4	-0.5	00	00
3	166	21.0	8.0	34	12	1536	8.3	0.0	33	25
4	186	21.0	5.8	32	06	1552	7.7	-7.1	33	04
5	174	21.3	4.5	00	00	1545	10.2	-4.0	00	00
6	166	22.0	3.7	15	10	1540	10.7	-7.2	15	15
7	120	20.9	6.4	13	33	1506	14.8	-4.2	16	30
8	-	-	-	-	-	-	-	-	-	-
.DAY	27	27	25	26	26	27	27	25	26	26
EANS	145	18.3	8.1	33	02	1509	7.2	-0.1	28	04
AX.	194	22.0	13.2	13	33	1564	14.8	5.5	33	30
IN.	86	14.0	3.2	00	00	1447	2.5	-8.0	00	00

NOTES: 1- North and East Components of the wind have been used for the computation of the mean vector wind for the month.

2- Radiation correction has not been applied in the temperatures.

3- N. of DAY : number of days.

FEBRUARY.1966. TABLE 20-b (29)

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS(1200GMT.) AT BAGHDAD AIR PORT

	700 MILLIBARS					500 MILLIBARS				
DAYS	HHHH	TT	TdTd	dd	FF	HHHH	TT	TdTd	dd	FF
1	3081	1.0	- 2.9	-	-	5693	-15.7	-19.1	-	-
2	2989	-6.6	-18.8	28	34	5548	-22.5	-28.2	-	-
3	3040	-7.7	-7.7	25	31	5574	-24.0	-25.2	-	-
4	3075	-5.3	- 8.2	25	12	5642	-21.1	-27.5	26	09
5	3072	-3.9	-11.7	27	19	5642	-21.9	-28.0	27	28
6	3036	-9.2	-	31	07	5584	-22.0	-	-	-
7	3062	-4.8	-	25	24	5624	-22.8	-	27	27
8	3073	-5.2	-10.8	25	11	5641	-19.0	-24.7	23	18
9	3050	-2.2	-10.0	31	15	5620	-21.2	-28.5	27	20
10	3066	-6.4	- 8.5	32	27	5624	-22.1	-28.5	27	20
11	3157	3.8	- 7.3	29	21	5806	-13.5	-25.3	28	22
12	3137	0.8	-14.0	25	21	5741	-18.4	-21.9	-	-
13	3111	0.6	- 4.5	22	21	5715	-12.2	-27.6	24	45
14	3010	-5.1	- 7.5	-	-	5578	-20.8	-33.2	-	-
15	3056	-3.3	-11.4	30	24	5650	-18.0	-33.6	-	-
16	3073	0.6	- 9.1	21	31	5674	-18.6	-31.2	-	-
17	3033	0.0	- 3.8	-	-	5620	-21.7	-25.3	-	-
18	3079	-4.7	-12.0	28	23	5636	-23.9	-35.8	31	41
19	3111	-1.3	- 7.8	34	08	5726	-15.8	-27.0	32	13
20	3053	-2.8	-17.8	26	02	5632	-21.5	-29.5	32	16
21	3051	-4.0	-21.6	28	06	5605	-24.0	-31.3	23	19
22	3051	-5.2	-12.3	00	00	5597	-25.0	-29.0	-	-
23	3102	-4.2	-13.6	32	20	5700	-19.0	-34.8	34	44
24	3136	1.2	-18.1	32	12	5754	-14.8	-27.4	32	30
25	3139	3.1	-16.5	00	00	5779	-14.1	-33.2	27	17
26	3132	1.3	-19.8	18	14	5762	-14.8	-34.4	20	41
27	3116	4.8	-13.2	20	27	5774	-11.6	-37.0	-	-
28	-	-	-	-	-	-	-	-	-	-
N.DAY	27	27	25	24	24	27	27	25	16	16
MEANS	3077	-2.4	-11.6	27	13	5664	-19.3	-28.9	26	21
MAX.	3157	4.8	-2.9	28	34	5779	-11.6	-19.1	24	45
MIN.	2989	-9.2	-21.6	00	00	5548	-25.0	-37.0	26	09

FEBRUARY 1966. TABLE 20-c

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS(1200GMT.) AT BAGHDAD AIR PORT

	400 MILLIBARS					300 MILLIBARS				
DAYS	HHHH	TT	TdTd	dd	FF	HHHH	TT	tdtd	dd	FF
1	7338	-27.6	-32.0	-	-	9345	-42.5	-49.3	-	-
2	7146	-35.2	-41.2	-	-	9092	-45.6	-53.2	-	-
3	7160	-37.5	-38.4	-	-	9087	-51.5	-53.0	-	-
4	7254	-31.8	-38.4	35	22	9234	-44.8	-57.4	33	29
5	7249	-33.0	-37.6	27	43	9210	-47.8	-50.7	27	47
6	7192	-32.3	-	-	-	9150	-48.8	-	-	-
7	7221	-34.8	-	25	27	9178	-46.1	-	27	51
8	7259	-34.3	-38.0	22	23	9208	-46.8	-50.5	11	03
9	7230	-32.0	-40.4	31	23	9210	-45.2	-53.4	28	36
10	7224	-34.8	-42.3	27	13	9169	-48.8	-56.3	27	27
11	7492	-25.5	-36.1	29	34	9511	-41.4	-51.2	29	52
12	7383	-28.0	-30.8	-	-	9501	-39.6	-42.1	-	-
13	7368	-26.4	-41.5	25	84	9395	-35.0	-52.2	27	147
14	7186	-34.3	-46.6	-	-	9139	-44.8	-55.5	-	-
15	7280	-29.5	-45.5	-	-	9280	-42.0	-60.4	-	-
16	7296	-31.1	-42.8	-	-	9273	-46.0	-54.0	-	-
17	7225	-34.2	-39.0	-	-	9180	-45.6	-51.1	-	-
18	7236	-30.6	-44.0	-	-	9227	-43.2	-56.4	-	-
19	7374	-27.1	-36.6	-	-	9384	-42.8	-51.2	-	-
20	7237	-34.3	-39.4	-	-	9179	-50.2	-54.6	-	-
21	7203	-33.7	-45.0	28	39	9163	-47.5	-58.2	27	46
22	7177	-38.0	-42.3	-	-	9101	-47.2	-52.1	-	-
23	7315	-31.5	-45.8	35	60	9300	-44.8	-58.7	35	78
24	7410	-26.4	-40.0	33	37	9428	-40.3	-52.1	35	59
25	7430	-27.2	-46.7	27	35	9434	-42.9	-62.9	26	60
26	7420	-25.3	-43.6	23	58	9450	-39.5	-55.3	24	72
27	7437	-25.0	-	-	-	9470	-38.0	-	-	-
28	-	-	-	-	-	-	-	-	-	-
nDAY	27	27	24	13	13	27	27	24	13	13
MEANS	7288	-31.2	-40.6	28	29	9286	-44.4	-53.9	28	44
MAX.	7492	-25.0	-30.8	25	84	9511	-35.0	-42.1	27	147
MIN.	7146	-38.0	-46.7	27	13	9087	-51.5	-62.5	11	03

FEBRUARY 1966 TABLE 20-d. (31)

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS(1200GMT.) AT BAGHDAD AIR PORT

	200 MILLIBARS					150 MILLIBARS				
DAYS	HHHH	TT	TdTd	dd	FF	HHHH	TT	TdTd	dd	FF
1	11984	-56.8	-65.8	-	-	13791	-59.5	-68.6	-	-
2	11817	-43.3	-55.3	-	-	13737	-48.6	-61.5	-	-
3	11697	-50.6	-53.0	-	-	13554	-54.4	-57.2	-	-
4	11858	-57.6	-64.4	-	-	13676	-55.7	-63.2	-	-
5	11819	-51.0	-54.0	28	86	13632	054.8	-58.2	27	84
6	11776	-50.5	---	-	-	13644	-53.4	-	-	-
7	11825	-51.1	-	26	10	13688	-52.9	-	-	-
8	11875	-48.0	-53.3	25	60	13753	-51.9	-57.0	25	73
9	11844	-51.0	-58.7	28	73	13706	-54.0	-61.3	27	90
10	11838	-47.6	-55.8	27	64	13711	-51.0	-59.8	27	83
11	12211	-49.5	-	27	148	14096	-55.1	-	27	128
12	12184	-52.7	-57.4	-	-	14027	-56.3	-65.0	-	-
13	12155	-47.1	-67.5	-	-	14023	-55.4	-	-	-
14	11847	-48.0	-60.5	-	-	13725	-52.2	-69.8	-	-
15	11933	-55.6	-68.6	-	-	13772	-54.4	-57.0	-	-
16	11886	-58.0	-65.1	-	-	13694	-57.9	-65.7	-	-
17	11838	-50.8	-58.2	-	-	13700	-53.8	-61.0	-	-
18	11905	-49.4	-62.6	-	-	13765	-53.2	-	-	-
19	12070	-51.3	-58.8	-	-	13918	-56.5	-63.6	-	-
20	11811	-50.6	-63.0	-	-	13661	-57.1	-63.0	-	-
21	11782	-54.2	-62.4	26	40	13636	-54.0	-65.2	26	37
22	11742	-50.8	-58.4	-	-	13612	-59.9	-60.3	-	-
23	11913	-60.2	-	-	-	13733	-57.4	-	-	-
24	12068	-61.0	-	33	68	13845	-61.6	-	-	-
25	12059	-55.6	-	26	86	13889	-58.4	-	27	142
26	12126	-53.2	-67.0	24	88	13946	-61.0	-	24	102
27	12178	-52.2	-	-	-	14016	-58.6	-	-	-
n DAY	27	27	20	10	10	27	27	17	8	8
MEANS	11928	-52.1	-60.4	26	78	13778	-55.4	-61.8	26	80
MAX.	12211	-43.3	-53.0	27	148	14096	-48.6	-57.0	27	142
MIN.	11697	-61.0	-68.6	26	40	13554	-61.6	-69.8	26	37

FEBRUARY 1966 TABLE 20-e (32)

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS (1200GMT.) AT BAGHDAD AIR PORT

	100 MILLIBARS					70 MILLIBARS				
DAYS	HHHH	TT	TdTd	dd	FF	HHHH	TT	TdTd	dd	FF
1	16334	-61.7	-	-	-	18543	-61.8	-	-	-
2	16337	-59.5	-	-	-	18577	-56.8	-	-	-
3	16132	-58.2	-	-	-	18359	-61.4	-	-	-
4	16254	-58.0	-65.7	-	-	18486	-60.1	-68.3	-	-
5	16223	-62.4	-65.5	27	64	18407	-67.2	-67.3	26	66
6	16224	-58.4	-	-	-	18432	-63.6	-	-	-
7	16254	-60.1	-	-	-	18459	-63.3	-	-	-
8	16323	-60.9	-66.2	26	84	18523	-64.2	-69.3	-	-
9	16272	-60.8	-67.8	-	-	18484	-62.1	-69.0	-	-
10	16298	-61.9	-	27	52	18505	-61.0	-	27	56
11	16624	-61.5	-	28	100	18825	-62.7	-	25	46
12	16547	-65.9	-	-	-	18729	-63.0	-	-	-
13	16545	-66.0	-	-	-	18691	-64.4	-	-	-
14	16315	-58.6	-	-	-	18538	-60.2	-	-	-
15	16351	-58.0	-	-	-	18573	-62.7	-	-	-
16	16254	-59.7	-68.0	-	-	18492	-58.5	-	-	-
17	16280	-56.3	-63.5	-	-	18513	-61.6	-	-	-
18	16333	-61.0	-	-	-	18545	-63.8	-	-	-
19	16450	-61.1	-68.0	-	-	18665	-62.1	-69.2	-	-
20	16186	-61.5	-67.8	-	-	18381	-64.9	-	-	-
21	16197	-60.6	-	25	36	18409	-60.8	-	-	-
22	16190	-58.4	-	-	-	18415	-62.0	-	-	-
23	16293	-58.2	-	-	-	18513	-63.1	-	-	-
24	16345	-65.2	-	-	-	18505	-66.8	-	-	-
25	16389	-67.2	-	-	-	18529	-60.0	-	-	-
26	16412	-70.0	-	25	90	18514	-69.6	-	-	-
27	16556	-62.4	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	-
n DAY	27	27	8	6	6	26	26	5	3	3
MEANS	16330	-61.3	-66.6	27	70	18524	-62.8	-68.6	-	-
MAX.	16624	-56.3	-63.5	28	100	18825	-56.8	-67.3	26	66
MIN.	16132	-70.0	-68.0	25	36	18359	-69.6	-69.3	25	46

EBRUARY 1966. TABLE 20-f (33)

ADIOSONDE . STATION BAGHDAD 1200 GMT.

	F. LEVEL.			TROP.				TOP.			
AYS	HHHH	P	U	HHHH	P	T	U	HHHH	P	T	U
1	3230	687	77	12330	190	-58.1	30	26418	20	-52.5	23
2	1850	810	66	8350	335	-45.0	50	23889	30	-59.9	-
3	2140	784	95	10000	260	-55.7	85	21878	40	-58.8	65
4	2230	780	86	12190	190	-58.7	40	30636	10	-60.0	30
5	1900	812	70	10430	248	-57.8	76	21867	40	-60.9	62
6	1910	808	-	9900	268	-54.8	-	24900	25	-59.8	-
7	2280	774	-	10640	242	-51.8	-	20525	50	-63.6	-
8	2350	768	60	9470	290	-47.4	64	21235	45	-62.8	50
9	2300	769	73	10690	240	-55.0	40	21634	42	-62.6	40
10	2100	790	88	9600	280	-50.4	40	21257	45	-60.9	30
11	3820	645	38	10080	272	-46.1	35	22635	38	-58.9	-
12	3300	688	30	16520	102	-65.8	-	21265	34	-56.3	-
13	3200	694	68	17540	85	-70.0	10	26508	20	-51.8	-
14	2180	780	92	8400	336	-44.9	30	22339	38	-58.3	20
15	2460	755	57	11780	205	-56.7	25	23892	30	-60.4	-
16	3160	691	48	10720	241	-56.8	40	28156	15	-55.4	30
17	3033	700	75	10530	245	-51.0	45	22049	40	-60.4	-
18	2260	777	77	10435	250	-50.8	20	28119	15	-57.2	-
19	2880	720	57	15760	112	-61.4	40	23925	30	-55.9	40
20	2590	732	34	9400	290	-52.2	60	21843	40	-59.3	40
21	2300	770	53	10050	262	-53.9	26	26364	20	-50.3	26
22	2430	759	80	8530	328	-49.0	62	24937	28	-48.6	-
23	2540	750	55	11913	200	-60.2	20	26295	20	-58.3	-
24	3300	686	26	12190	190	-63.3	25	23651	30	-65.0	26
25	3660	658	22	11290	220	-59.0	10	23730	30	-61.8	10
26	3280	688	19	16010	107	-69.2	17	26147	20	-59.9	-
27	3850	639	29	14250	145	-59.5	-	17930	80	-62.6	-
28	-	-	-	-	-	-	-	-	-	-	-
N.DAY	27	27	25	27	27	27	23	27	27	27	14
MEANS	2686	738	59	11452	227	-55.7	38	23853	32	-58.6	35
MAX.	3850	639	95	17540	85	-44.9	85	30636	10	-48.6	65
MIN.	1850	810	19	8350	335	-70.0	10	17930	80	-65.0	10

FEBRUARY 1966. TABLE 21-a (34)

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS (12000MT.) AT BASRAH AIR PORT

	1000 MILLIBARS					850 MILLIBARS				
DAYS	HHHH	TT	TdTd	dd	ff	HHHH	TT	TdTd	dd	ff
1	116	20.5	18.0	-	-	1495	10.6	6.0	-	-
2	123	14.4	9.1	30	11	1463	2.8	-0.4	27	23
3	138	16.5	8.4	29	03	1485	3.0	-4.0	25	09
4	158	18.1	7.7	29	09	1516	6.8	-1.6	32	04
5	147	17.6	9.3	31	04	1503	5.0	2.2	31	07
6	149	17.1	4.8	31	08	1500	4.3	-5.8	30	06
7	141	15.8	5.7	25	02	1496	6.5	-8.6	35	03
8	132	18.4	7.2	13	07	1518	6.0	0.6	13	13
9	117	14.1	9.5	32	13	1471	4.0	2.0	32	13
10	140	17.5	8.6	30	16	1490	5.0	-1.6	32	18
11	174	18.0	12.6	32	15	1535	7.5	1.2	33	23
12	184	19.3	9.0	30	07	1552	10.0	-9.8	29	10
13	141	20.5	6.9	27	05	1517	13.1	-2.3	02	07
14	087	18.3	12.5	18	09	1449	7.4	5.3	26	10
15	127	17.3	15.2	31	12	1488	7.3	3.3	32	14
16	127	20.4	9.0	16	06	1495	10.1	-3.6	21	07
17	119	19.9	11.2	-	-	1499	12.8	2.5	-	-
18	156	19.2	8.8	30	15	1515	5.4	-4.3	27	17
19	153	19.0	7.8	30	09	1514	5.3	-3.8	34	14
20	110	18.8	7.6	29	11	1468	7.7	-6.1	23	04
21	100	19.0	4.3	31	05	1457	5.8	-3.0	27	13
22	134	20.5	4.4	31	03	1498	5.9	-2.4	34	04
23	158	19.9	6.5	30	18	1523	6.8	-1.2	30	13
24	174	20.4	2.0	30	11	1539	7.1	-6.6	34	05
25	178	20.9	3.1	36	02	1543	9.0	-4.0	32	03
26	164	23.1	3.7	13	08	1539	10.6	-6.8	15	08
27	137	20.1	9.5	10	10	1519	15.0	-3.2	03	09
28	069	19.0	15.1	15	20	1452	14.9	9.0	22	22
nDAY	28	28	28	26	26	28	28	28	26	26
MEANS	138	18.7	8.5	29	05	1501	7.7	-1.7	30	06
MAX.	184	23.1	18.0	15	20	1552	15.0	9.0	33	23
MIN.	069	14.1	2.0	36	02	1449	2.8	-9.8	32	03

FEBRUARY 1966. TABLE [illegible]

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS (12000MT.) AT BASRAH AIR PORT

	700 MILLIBARS					400 MILLIBARS				
DAYS	HHHH	TT	TdTd	dd	ff	HHHH	TT	TdTd	dd	ff
1	3080	0.7	-0.2	-	-	5719	-13.2	-14.9	-	-
2	3023	-2.5	-18.5	25	30	5587	[illegible]	-37.5	23	30
3	3027	-4.6	-20.8	-	-	5597	[illegible]	-33.7	-	-
4	3081	-3.5	-8.2	26	04	5648	[illegible]	-24.7	26	12
5	3066	-1.9	-12.0	28	13	5653	-15.8	-29.2	27	19
6	3069	-1.9	-17.1	19	11	5662	-18.2	-30.0	27	30
7	3059	-4.2	-7.7	27	07	5609	-20.4	-23.2	-	-
8	3082	-2.7	-7.1	16	14	5662	-20.8	-31.8	-	-
9	3028	-3.4	-9.6	-	-	5604	-19.9	-27.5	-	-
10	3048	-4.3	-17.8	29	20	5623	-20.3	-37.5	26	[illegible]
11	3116	2.0	-17.0	33	16	5739	-16.0	-35.0	32	27
12	3149	4.5	-24.5	22	16	5796	-12.8	-21.3	-	-
13	3113	0.0	-6.9	27	11	5737	-13.1	-27.7	26	44
14	3023	-2.0	-6.0	26	17	5595	-20.5	-26.0	28	23
15	3062	-0.3	-11.4	29	15	5680	-15.6	-29.0	28	40
16	3084	-0.4	-13.6	28	16	5693	-17.9	-31.4	24	19
17	3098	1.1	-5.9	-	-	5707	-18.7	-22.3	-	-
18	3075	-3.0	-20.7	27	21	5676	-16.1	-37.5	26	60
19	3082	-2.0	-20.3	30	21	5694	-14.3	-31.3	28	48
20	3043	-1.7	-16.9	24	05	5635	-18.1	-22.2	-	-
21	3017	-3.6	-16.0	29	15	5602	-20.6	-26.8	30	22
22	3053	-4.8	-17.7	31	05	5617	-20.5	-29.2	25	23
23	3086	-3.6	-11.6	32	11	5658	-21.3	-32.1	31	16
24	3107	0.3	-17.8	33	12	5731	-15.1	-34.3	33	31
25	3132	2.6	-14.0	32	10	5767	-14.7	-28.2	30	12
26	3136	4.4	-16.0	17	10	5792	-12.2	-31.2	22	25
27	3136	5.0	-1.5	21	42	5792	-12.0	-16.9	-	-
28	3063	4.3	-1.2	23	44	5712	-13.9	-21.0	-	-
m DAY	28	28	28	24	24	28	28	28	18	18
MEANS	3076	-0.7	-12.8	26	12	5678	-17.5	-28.3	27	25
MAX.	3149	5.0	-0.2	23	44	5798	-12.0	-14.9	26	60
MIN.	3017	-4.8	-24.5	26	04	5587	-23.7	-37.5	30	12

BRUARY 1966. TABL[illegible]

DIOSONDE OBSERVATIONS AT STANDARD LEVELS (2000MT.) AT BASRAH AIR PORT

	400 MILLIBARS					300 MILLIBARS				
YS	HHHH	TT	TdTd	dd	ff	HHHHH	TT	TdTd	dd	ff
1	7382	-24.3	-26.3	-		-	-	-		-
2	7210	-29.0	-44.0	-	-	9210	-42.8	-	-	-
3	7273	-32.7	-44.0	-	-	9175	-41.8	-	-	-
4	7252	-34.8	-42.5	-	-	9196	-48.9	-	-	-
5	7285	-30.8	-40.0	-	-	9255	-40.1	-		-
6	7283	-31.1	-42.7	27	48	9263	-45.3	-	27	72
7	7222	-32.0	-35.5	-	-	9192	-45.2	-	-	-
8	7272	-33.6	-	-	-	9251	-40.8	-	-	-
9	7241	-26.0	-40.4	-	-	9253	-42.0	-	-	-
10	7230	-34.6	-48.1	26	20	9188	-43.8	-	26	61
11	7379	-28.7	-45.7	31	50	-	-		-	-
12	7475	-21.1	-23.7	-	-	9537	-36.6	-40.0	-	-
13	7397	-24.1	-37.6	26	67	9460	-34.6	-	28	90
14	7213	-29.7	-43.2	28	60	9243	-39.6	-51.5	-	-
15	7325	-27.7	-39.8	27	58	9327	-43.7	-	27	80
16	7317	-30.4	-42.8	23	55	9307	-45.0	-	25	55
17	7335	-28.9	-	-	-	9330	-44.4	-	-	-
18	7310	-29.0	-41.7	26	74	9318	-41.3	-	26	118
19	7350	-24.8	-40.5	29	55	9388	-37.7	-51.7	27	90
20	7270	-29.4	-33.9	-	-	9284	-38.5	-44.0	-	-
21	7212	-33.2	-40.0	30	28	9202	-43.0	-	-	-
22	7225	-33.7	-39.2	23	44	9193	-45.8	-	23	72
23	7265	-33.2	-44.0	33	30	9234	-45.2	-	34	25
24	7376	-26.4	-42.9	33	50	9390	-42.7	-	32	50
25	7415	-28.0	-41.8	29	24	9423	-42.0	-	28	38
26	7460	-22.8	-40.8	23	34	9506	-39.0	-54.7	24	46
27	7464	-22.9	-27.5	-	-	9522	-33.7	-38.2	-	-
28	7372	-25.1	-35.6	-		9423	-32.2	-41.3	-	-
n DAY	28	28	26	15	15	26	26	7	12	12
MEANS	7315	-28.9	-39.4	27	40	9310	-41.7	-46.0	26	61
MAX.	7475	-21.1	-23.7	26	74	9537	-32.2	-38.2	26	118
MIN.	7210	-34.8	-48.1	33	20	9175	-48.9	-54.7	34	25

[illegible] JANUARY 1966 TABLE

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS ([illegible] GMT) AT BASRAH AIR PORT

	200 MILLIBARS					130 MILLIBARS				
DAY	HHHHH	TT	TdTd	ss	ff	HHHHH	TT	TdTd	ss	ff
1	-	-	-	-	-	-	-	-	-	-
2	11910	-47.5	-	-	-	13774	-57.9	-	-	-
3	11810	-52.3	-	-	-	13670	-54.1	-	-	-
4	11854	-49.9	-	-	-	13724	-53.0	-	-	-
5	11886	-50.8	-	-	-	13750	-54.7	-	-	-
6	11945	-46.5	-	-	-	13824	-53.4	-	-	-
7	11855	-49.3	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-
10	11924	-45.4	-	26	78	13804	-54.3	-	26	60
11	-	-	-	-	-	-	-	-	-	-
12	12253	-51.2	-	-	-	14098	-57.2	-	-	-
13	-	-	-	-	-	-	-	-	-	-
14	11967	-47.5	-	-	-	13857	-51.9	-	-	-
15	11997	-51.6	-	-	-	13833	-58.0	-	-	-
16	11919	-56.7	-	25	80	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-
18	11987	-51.8	-	26	120	13828	-59.1	-	-	-
19	12108	-51.2	-	-	-	13942	-59.8	-	-	-
20	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-
22	11833	-51.4	-	-	-	13709	-51.8	-	-	-
23	11874	-50.7	-	30	25	13738	-52.6	-	-	-
24	12022	-58.9	-	31	63	13838	-58.7	-	29	72
25	12047	-56.2	-	-	-	13867	-61.0	-	-	-
26	12197	-54.1	-	26	64	14010	-62.0	-	26	58
27	12251	-52.6	-	-	-	14062	-64.1	-	-	-
28	12203	-40.6	-	-	-	-	-	-	-	-
m DAY	20	20	-	6	6	17	17	-	3	3
MEANS	11992	-50.8	-	27	67	13842	-56.7	-	-	-
MAX.	12253	-40.6	-	26	120	14098	-51.8	-	29	72
MIN.	11810	-58.9	-	30	25	13670	-64.1	-	26	58

FEBRUARY 1966 TABLE

RADIOSONDE OBSERVATIONS AT STANDARD LEVELS (1200GMT) AT BASRAH AIR PORT

	100 MILLIBARS					70 MILLIBARS				
DAYS	HHHHH	TT	TdTd	dd	ff	HHHHH	TT	TdTd	dd	ff
1	-	-	-	-	-	-	-	-	-	-
2	16304	-60.1	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-
4	16306	-59.1	-	-	-	18555	-57.1	-	-	-
5	16297	-63.2	-	-	-	-	-	-	-	-
6	16373	-64.3	-	-	-	18550	-62.5	-	-	-
7	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-
12	16595	-68.2	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-
14	16399	-66.2	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	-
18	16343	-64.0	-	-	-	18526	-63.2	-	-	-
19	16452	-65.7	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-	-	-	-
22	16304	-58.6	-	-	-	18519	-62.2	-	-	-
23	16338	-58.0	-	-	-	18552	-64.3	-	-	-
24	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
26	16467	-70.7	-	26	46	18563	-73.8	-	28	44
27	16520	-65.7	-	-	-	18686	-66.6	-	-	-
28	-	-	-	-	-	-	-	-	-	-
n DAY	12	12	-	1	1	7	7	-	1	1
MEANS	16391	-63.7	-	-	-	18564	-64.2	-	-	-
MAX.	16595	-58.0	-	-	-	18686	-57.1	-	-	-
MIN.	16301	-70.7	-	-	-	18519	-73.8	-	-	-