EAST AFRICAN

METEOROLOGICAL DEPARTMENT

SUMMARY OF METEOROLOGICAL OBSERVATIONS

FOR

1951.

PART II - TANGANYIKA.

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CONTENTS.

Amani
Arusha
Bukoba
Chunya
Dar Es Salaam, Airfield
Dar Es Salaam, (Kurasini)
Dodoma
Iringa
Kigoma
Kilwa
Kondoa
Lindi
Loliondo
Lyamungu
Mafia
Mbeya
Mbulu
Morogoro
Moshi
Mpwapwa
Mtwara
Musoma
Mwanza
Nachingwea
Njombe
Sao Hill
Songea
Tabora
Tanga

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT AMANI, 1951.

Latitude 5°06'S Longitude 38°38'E Altitude 2989 feet. Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1) 0830 mb.	Atmospheric Pressure (1) 1430 mb.	Temperature Dry Bulb 0830 °F	Temperature Dry Bulb 1430 °F	Temperature Dew Point 0830 °F	Temperature Dew Point 1430 °F	Extremes of Temperature Max. °F	Date	Min. °F	Date	Mean Max. °F	Mean Min. °F	Mean + Min. / 2 °F	Mean Range °F	Relative Humidity 0830 %	Relative Humidity 1430 %	Rainfall Total ins.	Max. Fall in 24 hrs. ins.	Date
January	911.0	907.5	69.9	80.8	65.8	66.9	81.1	6	58.7	8	83.3	62.8	73.1	20.5	87	63	4.89	1.11	17
February	911.5	907.9	69.7	80.0	66.8	68.2	85.2	25	59.0	12	82.1	63.2	72.7	18.8	91	68	3.33	0.94	21
March	910.9	908.1	71.4	79.8	67.2	68.3	86.4	7	56.5	6	82.4	63.0	72.7	19.5	87	68	1.99	0.46	23
April	912.0	909.3	70.0	76.5	67.0	69.2	82.4	2	60.8	25	78.2	64.4	71.3	13.7	90	79	9.96	1.48	18
May	914.6	912.2	67.3	71.4	65.2	66.7	77.8	2	60.0	10, 27	73.3	62.8	68.1	10.5	93	85	22.93	5.01	17
June	915.3	913.3	65.4	70.8	61.1	63.0	77.8	4	56.4	29	72.9	60.3	66.6	12.7	87	77	2.02	0.36	27
July	915.9	914.0	63.6	69.0	60.4	62.2	74.5	5	54.0	25	70.9	58.3	64.6	12.5	90	79	3.08	0.46	2
August	916.1	914.3	63.7	69.7	61.0	62.1	76.0	21	55.6	12,24	72.1	58.3	65.2	13.8	91	77	3.01	0.96	1
September	915.0	912.9	65.6	72.8	63.0	63.7	78.6	6	55.0	3	74.7	58.9	66.8	15.7	91	74	1.99	0.58	9
October	913.9	911.3	67.9	72.6	64.4	66.2	80.1	27	56.0	2	75.6	61.3	68.5	14.2	89	80	15.22	3.11	10
November	912.5	909.4	70.9	74.9	67.2	69.4	83.0	26	58.3	11	77.4	63.8	70.6	13.6	88	83	13.37	2.41	16
December	912.2	909.0	70.9	76.6	67.8	70.4	83.8	27	59.4	2	78.9	63.6	71.3	15.2	90	81	15.07	3.25	16
Year	913.4	910.8	68.0	74.6	64.[illegible]	66.3	87.1	June 6	54.0	July 25 Oct. 2	76.8	61.[illegible]	69.3	15.1	89	76	96.86	5.01	May 17

Month	Prevailing Wind Direction (2) 0830	Prevailing Wind Direction (2) 1430	Mean Wind Speed 0830 knots	Mean Wind Speed 1430 knots	Cloud Amount (eighths) and Frequency of Total Cloud: Total 0830	Total 1430	Low 0830	Low 1430	0830: 0	1-2	3-5	6-7	8	1430: 0	1-2	3-5	6-7	8	Frequency of Visibility (3): 0830 Fog	0830 Mist or Haze	0830 Good	1430 Fog	1430 Mist or Haze	1430 Good	No. of days of: Rain (4)	Thunder
January	E/X	E	8	20	5.3	5.7	4.7	5.7	0	0	15	10	6	0	0	13	14	4	0	20	11	0	1	30	9	5
February	W	E	8	18	5.5	6.1	5.1	6.1	0	0	11	14	3	0	0	9	17	6	0	24	4	0	1	27	16	7
March	W/NW	E	7	21	4.6	5.8	3.9	5.5	0	5	12	12	2	0	0	14	13	4	0	15	16	2	1	28	9	6
April	SW-NW	E	7	15	6.3	6.3	5.7	5.8	0	0	10	12	8	0	0	7	15	8	1	15	14	1	3	26	22	4
May	SW	SW	12	11	6.9	7.0	6.7	6.9	0	0	9	11	16	0	0	4	10	17	3	21	7	1	7	23	28	0
June	SW/W	SW/W	15	21	6.2	6.2	5.9	6.0	0	0	7	13	10	0	0	10	12	8	0	8	22	1	2	27	15	0
July	SW/W	S-W	18	18	7.4	6.8	6.9	6.8	0	1	3	11	16	0	0	4	13	14	0	21	10	0	4	27	18	0
August	S/W	E	12	20	6.8	6.9	6.7	6.9	0	0	2	20	9	0	0	3	16	12	1	16	14		0	31	20	0
September	SW	E	10	19	6.7	6.8	6.6	6.7	0	0	6	11	13	0	0	4	17	9	3	19	8	1	4	25	12	0
October	E/SE	E	10	20	6.7	6.9	6.6	6.9	0	0	7	8	16	0	0	3	17	11	6	20	5	3	6	22	21	3
November	E	E/SE	11	18	6.1	6.5	5.9	6.4	0	1	9	7	13	0	1	6	12	11	2	21	7	2	6	22	22	0
December	E	E/SE	7	18	6.0	6.7	5.7	6.6	0	0	11	11	9	0	0	6	16	9	0	16	15	0	2	29	27	6
Year	SW/W	E	10	19	6.2	6.5	5.9	6.3	0	7	97	140	121	0	1	83	166	115	16	216	133	10	37	318	219	32

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions; two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles; Good = Visibility 6½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

Latitude 03° 23'S Longitude 36° 41'E Altitude 4500 feet Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1) 0830	Atmospheric Pressure (1) 1430	Temperature Dry Bulb 0830	Temperature Dry Bulb 1430	Temperature Dew Point 0830	Temperature Dew Point 1430	Extremes of Temperature Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. - Min.	Mean Range	Relative Humidity 0830	Relative Humidity 1430	Rainfall Total	Max. Fall in 24 hrs	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January			65.5	77.6	56.6	55.1	88.0	3, 10	51.0	5	82.5	56.6	65.5	25.9	73	46	2.08	0.0	15
February			62.4	73.8	55.1	60.	84.0	often	49.5	3	81.3	56.9	69.	24.4	79	63	2.36	1.05	19
March			63.7	73.6	57.4	56.3	84.0	often	53.0	14	81.3	58.4	65.5	22.9	79	54	6.36	4.28	27
April			63.4	72.0	59.5	58.0	82.0	1, 28	55.0	1,20,30	76.1	58.5	67.3	17.6	87	62	16.98	1.50	12
May			61.0	70.1	56.3	59.8	81.0	24,26	55.0	3,26	73.0	58.7	65.9	14.3	91	70	11.89	1.36	17
June			59.6	69.2	54.6	53.6	82.0	6	51.0	18	72.4	56.0	64.2	16.5	84	59	1.14	0.37	26
July			58.0	67.9	54.6	57.4	80.0	7	52.0	often	72.3	55.4	63.9	16.9	89	69	0.71	0.22	20
August			58.8	68.7	55.0	55.0	80.0	30	51.0	7,11	71.9	54.6	63.3	17.3	87	62	0.28	0.18	6
September			58.1	72.4	53.7	53.7	82.0	6,10,20	52.0	27	76.2	55.7	65.9	20.9	85	52	0.20	0.08	12
October			62.6	73.9	56.3	56.8	80.5	often	49.0	22	76.9	55.8	66.3	21.1	86	56	4.60	1.15	31
November			63.5	74.0	60.7	60.3	82.0	28	48.0	29	76.7	54.8	65.7	21.9	90	63	11.56	1.93	6
December			63.9	75.3	61.5	60.8	82.0	28	50.0	8	77.8	54.3	66.	23.6	92	61	6.80	1.92	9
Year			61.7	72.4	57.1	57.2	88.0	Jan. 3,10	48.0	Nov. 29	76.5	56.3	66.4	20.3	85	60	65.04	4.28	March 27

Month	Prevailing Wind Direction (2) 0830	Prevailing Wind Direction (2) 1430	Mean Wind Speed 0830	Mean Wind Speed 1430	Cloud Amount (eighths) and Frequency of Total Cloud 0830 Total	1430 Total	0830 Low	1430 Low	0830 0	1-2	3-5	6-7	8	1430 0	1-2	3-5	6-7	8	Frequency of Visibility (3) 0830 Fog	Mist or Haze	Good	1430 Fog	Mist or Haze	Good	No. of days of Rain (4)	Thunder
			Knots	Knots																						
January	E	E	2	2	4.3	5.0	4.3	5.0	3	8	9	3	8	0	2	8	6	5	0	2	29	0	1	30	8	1
February	E	E	2	2	5.9	5.4	5.9	5.4	0	1	9	10	8	0	2	14	6	6	0	2	26	0	1	27	10	1
March	E	E	2	2	5.6	5.2	5.6	5.2	0	3	2	3	3	0		17	7	6	0	6	23	0	0	31	9	1
April	E	E	2	2	7.2	6.3	7.2	6.3	0	1	3	2	24	0	0	9	8	3	0	6	14	0	5	25	30	0
May	E	E	2	2	7.5	6.2	7.5	6.2	0	0	3	4	24	0	0	10	9	12	0	22	9	0	12	9	27	0
June	E	E	3	2	5.8	4.7	5.8	4.7	0	6	7	1	16	0	2	19	6	3	0	11	9	0	2	28	10	0
July	E	E	3	3	6.7	4.6	6.7	4.6	1	4	2	1	23	0	3	19	5	4	2	18	11	0	1	30	5	0
August	E	E	3	3	6.9	4.7	6.9	4.7	0	2	3	7	19	0	4	19	3	5	0	9	22	0	1	30	5	0
September	E	E	3	2	6.1	4.2	6.1	4.2	0	3	7	2	17	0	4	21	1	2	0	2	27	0	0	28	5	0
October	E	E	2	3	6.1	4.2	6.1	4.0	0	3	6	9	11	0	8	13	6	2	1	4	24	0	0	29	13	0
November	E	E	2	2	6.1	4.4	6.1	4.4	0	4	3	11	12	0	5	16	9	0	1	1	28	0	0	30	18	0
December	E	E	2	2	6.8	5.1	6.8	5.1	0	2	1	14	13	0	2	12	16	0	0	15	15	0	0	30	15	0
Year	E	E	2	2	6.3	5.0	6.3	5.0	4	37	65	67	100	0	33	187	82	58	4	110	247	0	23	337	155	3

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solious (/) mean that there were these two predominant directions: two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles; Good = visibility 6½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT BUKOBA 2ND ORDER STATION, IN 1951

Latitude 1°20'S Longitude 31°49'E Altitude 3753 feet. Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature												Relative Humidity		Rainfall		
			Dry Bulb		Dew Point		Extremes of Temperature												
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. 2	Mean Range	0830	1430	Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	66.5	78.3	63.5	68.1	85.0	20,26,28	53.1	31	81.4	56.9	70.1	22.5	90	71	4.21	1.03	30
February	-	-	65.2	73.9	63.2	66.3	85.0	4	56.0	13,26	79.9	59.3	69.6	20.6	93	78	10.10	1.91	20
March	-	-	68.2	81.5	64.1	69.4	88.3	7	54.1	31	83.2	59.6	71.4	23.6	87	67	6.71	0.80	25
April	-	-	65.7	74.4	63.1	66.4	84.1	21,27	57.1	1,5	80.4	60.4	70.4	20.0	92	77	16.11	2.81	18
May	-	-	69.9	79.0	65.0	69.0	85.2	5	58.0	23	80.3	61.6	70.9	18.7	85	72	9.67	2.14	18
June	-	-	69.0	78.4	62.4	67.6	81.1	25	57.2	26	79.5	61.0	70.3	18.5	80	70	4.46	2.69	28
July	-	-	69.0	78.5	62.7	68.4	83.1	27	51.0	10	80.2	58.5	69.3	21.6	81	71	0.11	0.11	27
August	-	-	68.3	78.2	63.9	68.2	82.1	24	56.1	5	80.2	58.7	69.5	21.5	86	72	3.19	1.95	10
September	-	-	69.1	77.1	64.6	66.7	85.0	8	56.0	22,24	80.8	60.7	70.7	20.1	85	70	2.02	1.22	25
October	-	-	70.3	74.9	64.8	66.2	83.0	11,31	59.0	13	80.0	62.7	71.3	17.3	83	75	8.59	1.52	20
November	-	-	68.6	74.1	64.9	65.6	83.0	11	59.0	17	78.8	62.1	70.5	16.7	88	75	7.95	1.18	6
December	-	-	64.7	73.6	62.0	67.6	82.0	24	57.0	27	79.4	59.2	69.3	20.2	91	81	22.51	2.11	19
Year	-	-	67.9	76.8	63.7	67.5	88.3	March 7	51.0	July 10	80.5	60.2	70.3	20.1	87	73	95.60	2.81	April 18

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.														Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430					0830			1430			Rain	Thunder
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good		
			knots	knots																						
January	E	E/NW	1	1	5.9	4.3	5.2	3.2	1	0	12	11	7	2	5	15	5	4	0	0	31	0	0	31	10	1
February	E	E/NW	1	3	6.9	5.1	6.1	3.9	0	0	3	15	10	1	0	19	5	3	0	1	27	0	0	28	19	1
March	E/SE	E/NW	1	3	6.5	4.6	6.1	4.0	0	0	6	15	10	0	2	21	5	2	0	0	31	1	0	29	13	3
April	E	SE	1	2	7.4	6.1	7.3	5.9	0	0	1	12	17	0	0	10	14	6	0	1	29	0	0	30	19	8
May	E	SE	1	8	7.2	5.4	7.1	5.3	0	0	0	18	13	0	0	19	11	1	0	0	31	0	0	31	17	2
June	E	E/SE	1	8	6.5	5.3	6.5	5.3	0	0	6	20	4	0	0	17	11	2	0	1	29	0	0	30	5	2
July	E	E	1	9	6.7	5.2	6.6	5.1	0	0	5	9	17	0	0	21	8	2	0	5	26	0	0	31	1	0
August	E	E/SE	1	8	6.6	5.2	6.6	5.1	0	0	8	11	12	0	0	21	10	0	0	0	31	0	0	31	5	0
September	E	E	3	3	7.0	6.5	6.8	5.8	0	0	2	15	13	0	0	9	9	12	0	0	30	0	0	30	6	8
October	NE/E	E	3	3	6.9	7.5	6.9	7.5	0	0	1	20	10	0	0	0	13	18	0	1	30	0	0	31	19	13
November	E	E	3	3	7.2	7.5	7.2	7.5	0	0	0	24	6	0	0	0	14	16	0	2	28	0	0	30	21	10
December	CALM	SE	0	3	7.5	6.3	7.5	6.2	0	0	2	8	21	0	0	10	15	6	0	5	26	0	0	31	21	11
Year	E	E	3	5	6.8	5.7	6.7	5.4	1	0	46	188	130	3	7	162	120	72	0	16	349	1	0	363	156	69

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions; two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles; Good = Visibility 6½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

Latitude 06° 32' S Longitude 33° 25'E Altitude 4900 feet Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Dry Bulb		Dew Point						Mean Max.	Mean Min.	Max. + Min. / 2	Mean Range				Max. Fall in 24 hrs.	
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date					0830	1430	Total		Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	--	-	64.4	74.2	59.9	59.9	82.4	2	58.2	17	76.5	60.9	68.7	15.5	86	6[illegible]	5.81	0.92	16
February	--	--	63.4	73.2	59.6	59.8	80.7	3	59.0	14	75.9	60.4	68.	15.5	80	63	9.24	2.36	1
March	--	--	66.1	77.2	59.5	59.5	83.0	6	59.2	20	79.7	61.2	70.5	16.5	80	55	7.02	2.05	30
April	--	--	64.8	75.4	59.5	59.8	80.5	7	58.5	23	77.8	60.7	69.3	17.1	83	58	5.86	1.56	5
May	--	--	62.6	75.4	54.3	53.3	80.5	28	54.0	26,27	77.2	56.9	67.[illegible]	20.3	74	46	0.04	0.04	2
June	--	--	59.3	73.5	50.8	51.5	81.2	10	49.1	13	76.5	53.9	65.2	22.6	74	46	0.00	0.00	--
July	--	--	58.6	75.7	48.1	50.0	83.3	26	47.0	19	77.6	53.3	65.5	24.2	68	4	0.00	0.00	--
August	--	--	60.4	75.9	50.1	52.5	83.0	20	50.2	8	78.1	55.5	66.8	22.5	69	45	0.00	0.00	--
September	--	--	63.9	80.4	52.5	52.0	85.8	6	57.3	2	82.3	59.4	70.9	22.9	67	38	0.28	0.28	2
October	--	--	67.2	83.5	57.0	56.9	88.7	26	59.4	5	84.3	62.9	73.6	21.4	70	40	0.01	0.01	13
November	--	--	69.0	81.7	59.0	59.8	88.2	4	60.5	19	84.2	63.9	74.1	20.3	71	48	3.10	1.[illegible]6	18
December	-	-	66.[illegible]	76.5	61.4	61.6	84.0	1,2,4	59.0	25	79.3	62.3	70.8	16.9	85	60	10.80	1.56	3[illegible]
Year	--		63.8	76.9	56.0	56.4	88.7	Oct. 26	47.0	July 19	79.1	59.3	69.2	19.8	76	50	42.16	2.36	Feb. 1

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud																Frequency of Visibility (3)							No. of days of	
					Total		Low		0830					1430							0830			1430				Rain (4)	Thunder
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good			
			knots	knots																							
January	E/SW	W	1	4	7.2	7.1	3.7	4.8	0	0	3	7	21	0	0	2	15	14	1	2	28	0	0	31	19	8
February	E	W	1	6	7.0	6.5	4.0	4.2	0	0	4	6	16	0	0	8	12	8	0	1	27	0	0	28	21	4
March	E	E	4	6	4.1	5.8	2.9	3.8	2	11	7	2	9	0	0	13	14	4	0	0	31	0	0	31	15	2
April	E	E	5	3	5.4	6.3	3.5	4.2	0	4	11	6	9	0	0	6	19	5	0	0	30	0	0	30	15	3
May	E	E	9	6	1.5	4.3	0.4	2.7	14	9	5	3	0	0	3	23	5	0	0	0	31	0	0	31	1	0
June	E	E	7	3	1.8	5.0	0.7	3.0	14	6	6	3	1	0	3	12	15	0	0	0	30	0	0	30	--	0
July	E	E	7	4	0.5	3.5	0.2	1.9	24	5	2	0	0	3	6	17	5	0	0	0	31	0	0	31	--	0
August	E	E	12	5	0.9	4.2	0.3	2.2	16	9	2	1	0	1	5	15	7	0	0	0	28	0	0	28	--	0
September	E	E	12	5	0.7	4.2	0.3	2.3	22	6	0	1	1	1	4	14	10	1	0	0	30	0	0	30	1	0
October	E	E	17	5	2.5	4.4	1.4	3.1	8	10	8	2	3	0	3	21	6	1	0	0	31	0	0	31	1	0
November	E	E	8	6	4.9	5.7	2.6	3.8	1	3	13	9	4	0	0	12	14	2	0	0	30	0	0	28	7	0
December	E	E	3	1	7.2	6.7	4.8	4.9	0	0	5	5	21	0	0	3	19	9	1	0	30	0	1	30	22	0
Year	E	E	7	5	3.6	5.3	2.1	3.4	101	63	66	47	85	5	24	146	141	44	2	3	357	0	1	359	102	17

Notes: (1) Pressure is given at Station level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions: two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1000 yards: Mist or Haze = visibility 1000 yards to 6 miles: Good = visibility 6½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT DAR ES SALAAM AIRFIELD, IN 1951.

Latitude 6°52'S Longitude 39°16'E Altitude 105 feet. Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature							Relative Humidity		Rainfall		
			Dry Bulb		Dew Point													
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. / 2	Mean Range	0830	1430	Total	Max. fall in 24 hrs.	Date
	mb.		°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	1008.5	1005.5	80.6	86.0	76.0	76.0	91.0	7	70.0	16	87.6	75.6	81.6	12.0	86	73	1.55	1.00	15
February	1009.0	1005.2	79.2	85.5	75.3	76.3	92.8	4	69.7	10	88.3	74.2	81.3	14.1	88	74	4.90	2.77	13
March	1008.6	1005.8	79.4	87.3	75.6	77.2	95.0	9	70.0	5	89.2	73.0	81.1	16.3	89	72	5.59	1.83	30
April	1009.9	1007.1	77.1	82.8	74.6	74.9	92.3	12	70.2	22	86.4	72.5	79.5	13.9	92	78	9.53	1.94	15
May	1012.3	1009.8	75.0	83.6	72.6	72.2	89.4	3	65.0	31	85.7	70.3	78.0	15.4	91	69	10.19	1.76	7
June	1014.4	1012.1	72.7	83.4	69.3	68.6	89.2	4	63.8	14	85.5	66.9	76.2	18.5	89	62	1.14	0.43	29
July	1015.1	1013.0	70.6	81.6	68.0	67.0	86.2	29	60.2	27	83.2	65.3	74.3	18.0	91	61	1.09	0.40	30
August	1015.4	1013.0	71.9	83.2	69.2	68.7	88.0	18	62.9	7	85.3	65.1	75.2	20.1	92	62	0.46	0.19	8
September	1014.2	1010.9	76.2	85.5	70.3	69.2	92.8	26	63.0	11	87.4	66.1	76.7	21.3	82	58	0.07	0.07	12
October	1012.3	1008.9	79.1	86.8	72.8	71.5	90.9	12,21	61.4	12	86.5	69.4	78.9	19.2	81	61	3.11	1.48	24
November	1010.2	1007.2	80.3	86.0	75.5	74.8	90.9	13	69.8	25	87.3	72.9	80.1	14.4	85	70	7.68	2.18	24
December	1009.8	1006.8	79.7	84.9	75.4	75.2	90.0	4	70.6	7	87.2	72.8	80.0	14.4	87	73	8.54	2.00	29
Year	1011.6	1008.8	76.8	84.7	72.9	72.6	95.0	March 9	60.2	July 27	86.8	70.3	78.6	16.5	88	68	54.35	2.77	February 13

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.														Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430					0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			knots	knots																						
January	N	NE	9	11	6.5	4.6	5.0	2.7	0	0	8	13	10	0	7	11	7	6	0	0	31	0	0	31	3	2
February	N	NE/E	4	8	5.8	4.9	3.6	2.5	0	3	7	11	7	0	6	7	8	7	0	0	28	0		27	11	12
March	SW-W	NE/E	3	9	4.9	5.1	2.8	3.2	0	6	10	10	5	0	4	14	5	8	0	0	31	0	0	31	8	11
April	SW-W	ENE-S	4	6	5.6	6.7	2.8	4.8	0	5	6	9	10	0	0	5	8	17	0	0	30	0	1	29	21	6
May	S-WSW	S	7	9	5.1	6.0	3.2	4.4	0	5	11	6	9	0	0	8	14	9	0	2	29	0	0	31	16	2
June	S-W	S	6	11	3.9	5.0	2.6	4.1	0	13	8	3	6	0	3	14	10	3	0	0	30	0	0	30	6	0
July	SW-W	S	5	12	3.4	5.4	2.8	4.2	3	11	8	4	5	0	4	8	13	6	0	0	31	0	0	31	5	0
August	SW-W	S	5	13	3.2	5.2	2.8	4.6	0	15	11	4	1	0	2	19	6	4	0	0	31	0	0	31	5	0
September	SW-WSW	E-SE	2	11	2.8	4.1	2.5	3.8	0	16	11	2	1	0	4	18	8	0	0	0	30	0	0	30		0
October	S	E-S	3	10	4.5	4.8	4.1	4.0	0	3	19	5	4	0	4	15	10	2	0	2	29	0	0	31	8	0
November	S	NE-E	3	9	5.2	4.7	4.9	4.0	0	2	15	7	6	0	4	16	6	4	0	1	29	0	0	30	16	0
December	N	NE-E	2	9	4.4	5.6	3.1	4.0	0	8	12	5	6	0	2	11	10	8	0	1	30	0	0	31	17	6
Year	S-W	NE-S	4	10	4.6	5.2	3.3	3.9	3	87	126	79	70	0	40	146	105	74	0	6	359	0	2	363	117	39

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions; two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles; Good = Visibility 6½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT DAR ES SALAAM, (KURASINI) IN 1951.

Latitude 6°50'S Longitude 39°18'E Altitude 47 feet. Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Dry Bulb		Dew Point						Mean Max.	Mean Min.	Max. + Min. / 2	Mean Range				Max. Fall in 24 hrs.	
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date					0830	1430	Total		Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	80.2	83.7	74.6	74.4	87.6	1,5	69.3	16	85.5	76.8	81.1	8.7	83	74	1.93	1.34	15
February	-	-	79.8	84.4	75.3	75.3	91.7	5	69.7	14	87.2	74.5	80.9	12.7	87	75	2.99	1.51	13
March	-	-	79.7	84.4	74.6	75.1	92.0	26	70.0	11	87.9	73.4	80.7	14.5	84	75	5.46	2.07	30
April	-	-	77.2	82.4	73.9	74.4	93.7	12	70.8	22	86.3	72.9	79.6	13.3	90	77	11.85	1.90	5
May	-	-	75.2	82.1	72.0	70.9	88.0	3	66.5	31	84.9	71.0	77.9	13.9	89	69	9.72	1.82	7
June	-	-	72.8	82.2	68.8	67.7	88.0	3,4,17	65.0	15	84.6	67.6	76.1	16.9	87	62	1.06	0.49	26
July	-	-	71.3	80.5	67.8	66.5	85.2	1,5	61.7	25	82.4	66.3	74.3	16.1	89	63	1.71	0.97	2
August	-	-	73.0	81.2	68.7	66.6	86.5	18	64.2	7	84.1	65.9	75.0	18.1	86	61	0.78	0.41	9
September	-	-	76.8	82.7	69.9	68.2	88.0	13,26	62.8	28	85.0	66.7	75.9	18.3	80	62	0.07	0.02	20,19
October	-	-	79.7	84.1	72.0	70.1	89.8	21	65.3	2	86.5	70.4	78.5	16.1	77	63	2.70	1.03	24
November	-	-	80.7	84.2	75.1	73.9	90.0	3	70.3	25	85.8	73.6	79.7	12.2	83	71	4.86	1.16	5
December	-	-	80.4	83.6	75.3	75.1	89.0	9	71.0	6	86.0	73.6	79.8	12.4	85	76	8.72	3.00	1
Year	-	-	77.2	83.0	72.3	71.5	93.7	April 12	61.7	July 25	85.5	71.1	78.3	14.4	85	69	51.87	3.00	December 1

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.																Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430							0830			1430			Rain (4)	Thunder
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good		
			knots	knots																						
January	N	NE	12	10	6.3	4.5	4.8	2.2	0	1	7	13	10	0	7	10	11	3	0	0	31	0	0	31	4	2
February	SW	NE	3	7	5.4	4.9	3.1	2.8	0	4	10	4	10	0	6	9	7	6	0	0	28	0	0	28	10	9
March	CALM	NE	0	2	5.0	5.5	3.1	3.7	0	5	10	8	8	0	6	6	9	10	0	1	30	0	0	31	10	3
April	S/SW	E/SE	1	1	5.7	7.1	3.1	5.1	0	3	9	6	12	0	0	0	12	18	0	0	30	0	2	28	22	7
May	S/SW	SE/S	1	2	5.9	6.5	4.6	5.3	0	5	3	9	14	0	0	4	9	18	0	2	29	0	2	29	17	0
June	SW	SE-SW	1	2	4.3	5.3	3.0	4.3	0	9	7	7	7	0	1	12	14	3	0	0	30	0	0	30	8	0
July	SW	SE-S	1	3	3.6	5.6	3.1	4.6	2	13	4	7	5	0	2	7	14	8	0	0	31	0	0	31	7	0
August	SW	SE	1	2	3.4	4.9	3.0	3.9	1	13	11	4	2	0	3	15	4	9	0	0	31	0	0	31	13	0
September	CALM	E	0	3	3.9	4.1	3.6	3.5	0	10	10	10	0	0	9	11	8	2	0	0	30	0	0	30	5	0
October	SE	E/SE	1	9	6.1	5.1	5.8	4.1	0	1	8	17	5	0	4	12	9	6	0	2	29	0	0	31	8	0
November	SE	NE/E	1	5	5.9	4.7	5.5	4.1	0	2	8	12	8	0	9	6	10	5	0	0	30	0	0	30	14	4
December	N	NE/E	1	5	5.6	5.2	4.8	4.3	0	1	10	12	8	0	5	9	9	8	0	1	30	0	0	31	21	10
Year	SW	NE-SE	2	4	5.1	5.3	3.9	4.0	3	67	97	109	89	0	52	101	116	96	0	6	359	0	4	361	139	35

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions; two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles; Good = Visibility 6½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT DODOMA IN 195

Latitude 06° 10'S Longitude 35° 46'E Altitude 3675 feet Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Dry Bulb		Dew Point														
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. / 2	Mean Range	0830	1430	Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	F	F	F	F	F		F		F	F	F	F	%	%	ins.	ins.	
January	889.8	886.4	69.0	82.3	64.1	62.4	93.4	3	63.3	14	85.4	65.1	75.3	20.3	84	52	6.38	1.22	23
February	890.4	887.2	66.8	79.0	63.7	63.9	87.3	4,26	58.8	24	82.2	63.4	72.8	18.8	91	60	5.07	1.94	23
March	889.9	886.8	66.9	83.0	64.0	61.8	90.2	7	60.0	12	85.9	63.6	74.7	22.2	85	49	5.77	2.93	30
April	891.3	888.3	68.6	79.8	64.7	64.7	87.8	4	61.0	2,30	83.5	64.1	73.8	19.3	87	60	3.41	1.64	27
May	892.8	890.3	66.8	79.6	60.6	59.5	85.3	29	53.2	27	81.9	60.4	71.1	21.5	81	50	0.00	0.00	--
June	893.9	891.6	64.9	79.5	56.0	54.6	85.9	10	48.7	2	81.9	56.6	69.2	25.3	73	43	0.00	0.00	--
July	894.1	891.7	63.4	80.1	54.5	51.6	86.9	26	45.7	19	82.4	55.2	68.8	27.2	73	37	0.00	0.00	--
August	894.0	891.4	63.7	81.4	55.0	51.5	86.8	22	51.6	7	83.0	56.4	69.7	26.6	73	35	0.00	0.00	
September	892.9	889.5	67.0	85.6	56.5	53.3	91.2	6, 30	56.9	28	87.5	59.0	73.3	28.5	69	33	0.00	0.00	
October	891.9	887.9	70.3	86.0	58.0	52.7	94.6	26	59.0	3	89.9	62.9	76.4	27.1	65	30	0.04	0.04	25
November	891.0	887.1	73.1	88.7	62.0	56.6	94.9	12	63.6	11	91.4	65.9	78.7	25.5	68	34	1.00	0.58	19
December	891.1	887.3	71.4	85.4	63.7	60.1	92.8	10	64.0	2,3,9	88.6	65.9	77.3	22.7	77	43	4.62	0.90	27
Year	891.9	888.8	67.8	82.7	60.2	57.1	94.9	Nov. 12	45.7	July 19	85.3	61.5	73.4	23.7	77	44	26.29	2.93	March 30

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (Eighths) and Frequency of Total Cloud															Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430						0830			1430			Rain (4)	Thunder
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good		
			Knots	Knots																							
January	E	E-SW	4	5	5.9	5.6	2.5	3.	0	4	5	6	6	0	2	12	8	9	0	0	3	0	0	31	8	5
February	E	NE/E	7	6	6.8	6.2	4.7	4.4	0		2	6	19	0	0	8	2	8	0	0	28	0	0	28	4	15
March	E	E	10	8	5.7	4.9	3.6	3.9	0	5	3	3	10	0	4	5	6	6	0	0	3	0	0	3	8	6
April	E	E	7	7	6.8	5.9	4.3	4.5	0	0	3	9	8	0	0	0	5	5	0	0	30	0	0	30	2	3
May	E	E	13	12	5.0	5.7	3.5	5.1	0	8	6	0	7	0		11	8		0	0	3	0	0	3		0
June	E	E	10	9	3.6	4.5	1.9	3.9	0	3	8	3	6	0	7	4	4	5	0	0	30	0	0	30		0
July	E	E-SE	10	10	2.9	2.9	2.4	2.6	9	7	8	2	5	4			5	0	0	0	3	0	0	3		0
August	E	E	3	3	2.5	3.4	2.3	3.2		9	6	4		0		5	4		0	0	3	0	0	31		0
September	E	E-SE	13	11	2.9	2.6	2.0	2.0	4	13	7	6	0	0	7	0	3	0	0	0	30	0	0	30		0
October	E	E	13	11	4.4	3.7	2.2	2.	2	8	1	7	5	0		11	7	2	0	0	3	0	0	31	1	0
November	E	E	12	10	4.7	4.4	3.5	3.4	0	8	6	10	6	0	5	6	5	4	0	0	30	0	0	30	3	4
December	E	E-SE	8	7	5.6	5.2	4.0	4.3	0	5	6	0	10	0	0	8	9	4	0	0	31	0	0	31	2	14
Year	E	E	10	9	4.7	4.6	3.1	3.5	16	69	7	86	103	4	69	151	86	55	0	0	365	0	0	365	68	67

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidus (/) mean that there these two predominant directions: two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles; Good = visibility 6½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT TRINGA 2ND ORDER STATION IN 1951.

Latitude 7°47'S Longitude 35°42'E Altitude 5380 feet. Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1) 0830 mb.	Atmospheric Pressure (1) 1430 mb.	Temperature Dry Bulb 0830 °F	Temperature Dry Bulb 1430 °F	Temperature Dew Point 0830 °F	Temperature Dew Point 1430 °F	Extremes of Temperature Max. °F	Date	Min. °F	Date	Mean Max. °F	Mean Min. °F	Max. + Min. ÷ 2 °F	Mean Range °F	Relative Humidity 0830 %	Relative Humidity 1430 %	Rainfall Total ins.	Max. Fall in 24 hrs. ins.	Date
January	-	-	63.6	71.5	59.4	58.6	83.5	2	56.0	8,29	75.6	58.6	67.1	17.0	86	64	8.11	2.56	16
February	-	-	62.9	69.9	59.0	60.7	75.5	Often	55.0	2	72.9	58.2	65.5	14.8	88	73	4.69	1.28	19
March	-	-	65.5	75.6	60.1	60.4	81.5	7	54.5	6,17	77.5	57.7	67.6	19.9	83	59	8.61	2.74	20
April	-	-	63.6	74.0	59.1	59.6	78.0	13,16	56.5	Often	75.5	58.4	66.9	17.1	86	61	4.97	0.90	30
May	-	-	62.8	71.3	53.9	54.6	78.5	28	51.0	27	73.0	57.0	65.0	16.0	73	56	0.00	0.00	-
June	-	-	59.7	70.7	50.4	50.6	78.5	7,9,11	46.5	3	72.7	52.8	62.7	19.9	71	49	0.74	0.70	9
July	-	-	58.9	70.8	48.7	49.3	81.0	26	46.0	15	73.0	52.7	62.9	20.2	70	47	0.00	0.00	-
August	-	-	60.5	70.5	-	-	78.5	22	49.0	9	72.5	52.6	62.5	19.9	-	-	0.00	0.00	-
September	-	-	64.0	77.3	-	50.2	84.5	6	50.5	2,11	79.0	53.5	66.3	25.5	-	39	0.00	0.00	-
October	-	-	68.3	78.0	-	-	85.0	23	53.0	5	80.7	57.1	68.9	23.6	-	-	0.13	0.09	10
November	-	-	70.4	79.7	60.0	56.6	86.0	8	55.5	8	82.7	59.7	71.2	23.1	70	46	1.71	0.56	28
December	-	-	67.4	74.1	59.3	60.1	83.0	2,8,9	56.0	13	77.5	59.2	68.3	18.4	76	62	5.23	0.76	22
Year	-	-	64.0	73.6	-	-	86.0	Nov. 8	46.0	July 15	76.1	56.5	66.2	19.6		-	34.19	2.74	March 20

Month	Prevailing Wind Direction (2) 0830	Prevailing Wind Direction (2) 1430	Mean Wind Speed 0830 knots	Mean Wind Speed 1430 knots	Cloud Amount (eighths) and Frequency of Total Cloud. Total 0830	Total 1430	Low 0830	Low 1430	0830 0	1-2	3-5	6-7	8	1430 0	1-2	3-5	6-7	8	Frequency of Visibility (3) 0830 Fog	Mist or Haze	Good	1430 Fog	Mist or Haze	Good	No. of days of Rain (4)	Thunder
January	E/W	NW/N	1	3	6.0	7.1	3.1	4.2	0	6	3	11	11	0	0	3	15	13	0	0	31	0	0	31	19	0
February	E	NW/N	1	3	6.4	7.0	2.9	3.7	0	2	3	17	6	0	0	1	22	5	0	0	28	0	0	28	17	0
March	SE	E	2	2	3.4	6.0	1.5	3.4	2	14	5	7	3	0	0	12	16	3	0	0	31	0	0	31	12	0
April	E/SE	E	1	1	5.6	6.6	3.1	4.0	0	5	6	15	4	0	0	3	26	1	0	0	30	0	0	30	16	0
May	S	SE/S	8	5	3.1	5.6	1.5	3.4	0	22	3	4	2	1	1	10	17	2	0	0	31	0	0	31	-	0
June	SE	SE	7	3	1.9	4.6	1.3	2.8	15	4	7	4	0	4	2	11	13	0	0	0	30	0	0	30	2	0
July	SE	SE	9	4	1.5	3.4	0.9	2.0	9	16	5	0	1	3	9	10	9	0	0	0	31	0	0	31	-	0
August	SE/S	SE	7	5	1.4	4.7	0.9	2.8	15	8	6	2	0	1	1	17	12	0	0	0	31	0	0	31	-	0
September	SE	SE	4	4	1.6	4.4	0.6	2.3	15	8	4	3	0	1	4	13	12	0	0	0	30	0	0	30	-	0
October	SE/S	SE	6	6	2.0	3.3	0.7	1.4	8	15	3	5	0	1	12	11	7	0	0	0	31	0	0	31	2	0
November	E	NE/SE	1	2	3.8	6.1	1.9	3.2	5	6	9	6	4	0	0	8	20	2	0	0	30	0	0	30	10	3
December	SE	NE	1	1	4.9	6.8	1.9	2.7	0	6	10	9	6	0	0	1	24	6	0	0	31	0	0	31	20	0
Year	SE	SE	4	3	3.5	5.5	1.7	3.0	69	112	64	83	37	11	29	100	193	32	0	0	365	0	0	365	98	3

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions; two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles; Good = Visibility 6½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

Latitude 04° 53'S Longitude 29° 38'E Altitude 2903 feet Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1) 0830	Atmospheric Pressure (1) 1430	Temperature Dry Bulb 0830	Temperature Dry Bulb 1430	Temperature Dew Point 0830	Temperature Dew Point 1430	Extremes of Temperature Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. / 2	Mean Range	Relative Humidity 0830	Relative Humidity 1430	Rainfall Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	913.6	911.4	70.5	77.4	65.9	67.8	84.2	9	63.0	22	80.2	66.4	73.3	13.8	85	72	4.95	1.48	28
February	914.0	911.7	69.2	76.0	64.7	67.0	83.3	1	62.0	4, 7	79.3	65.5	72.4	13.8	86	74	5.42	1.05	3
March	912.9	911.2	71.0	77.9	65.7	67.5	88.0	4	62.3	28	81.2	67.0	74.1	14.2	84	71	5.12	1.63	22
April	914.7	912.8	70.2	77.1	65.6	68.5	82.4	2	63.3	15	80.0	66.9	73.5	13.1	85	75	4.08	0.99	28
May	915.3	913.3	72.0	80.6	63.1	65.2	86.9	18	63.2	14, 15	84.2	65.6	74.9	18.5	74	60	0.15	0.09	28
June	916.2	914.4	69.3	80.3	59.6	62.1	86.2	16	59.1	14	83.1	64.6	73.9	18.5	71	54	0.04	0.04	11
July	916.2	914.4	67.3	80.4	57.7	59.6	86.5	3, 8	57.9	20	83.6	63.2	73.4	20.4	71	50	0.00	0.00	-
August	915.6	913.7	69.6	81.2	54.6	59.0	90.9	30	59.5	2	85.6	64.6	75.1	20.9	59	47	0.00	0.00	-
September	914.6	912.2	73.1	82.6	60.7	67.1	91.0	16	64.2	30	85.9	68.1	77.0	17.8	65	60	0.77	0.58	24
October	913.7	911.1	74.4	81.0	64.6	68.3	89.6	7	64.6	14	84.2	69.4	76.8	14.8	73	66	1.60	0.53	30
November	914.3	912.4	70.5	74.6	67.0	68.1	84.0	14	64.0	24	78.3	66.9	72.6	11.3	89	80	8.04	1.61	17
December	914.7	912.9	70.6	75.9	65.9	67.6	81.7	25,26	60.2	29	79.2	66.7	72.9	12.5	85	76	5.33	2.05	28
Year	914.7	912.6	70.7	78.7	62.9	65.7	91.0	Sept. 16	57.9	July 20	82.1	66.2	74.1	15.8	77	65	35.50	2.05	Dec. 28

Month	Prevailing Wind Direction (2) 0830	Prevailing Wind Direction (2) 1430	Mean Wind Speed 0830	Mean Wind Speed 1430	Cloud Amount (eights) and Frequency of Total Cloud: Total 0830	Total 1430	Low 0830	Low 1430	0830: 0	1-2	3-5	6-7	8	1430: 0	1-2	3-5	6-7	8	Frequency of Visibility (3) 0830: Fog	Mist or Haze	Good	1430: Fog	Mist or Haze	Good	No. of days of Rain (4)	Thunder
			Knots	Knots																						
January	SE	S	4	6	6.5	6.6	3.5	4.1	0	1	8	1	21	0	1	5	7	18	0	1	30	0	0	31	10	21
February	SE	NW	4	7	6.8	6.4	4.3	4.0	0	1	3	4	20	0	1	7	4	16	0	0	28	0	0	28	16	13
March	SE	W	5	5	6.6	6.4	3.5	4.1	0	1	6	4	20	0	1	6	5	19	0	1	30	0	0	31	13	16
April	SE	W-N	5	5	7.0	6.6	3.7	4.2	0	0	3	3	24	0	0	5	9	16	0	1	29	0	0	30	15	21
May	E-SE	W	6	7	5.6	5.9	2.6	3.9	0	1	11	9	10	0	0	11	8	12	0	0	31	0	0	31	3	5
June	SE	W	9	7	4.5	4.3	2.5	2.2	0	8	8	2	12	0	9	11	3	7	0	0	30	0	0	30	1	1
July	SE	S-W	9	11	2.7	2.7	1.5	1.6	0	18	3	2	8	7	7	5	9	0	0	2	9	0	2	24	-	2
August	E/SE	W	12	15	4.6	3.0	1.8	1.1	2	8	4	7	10	2	6	5	4	4	0	2	10	0	8	23	-	2
September	E-SE	W	6	13	5.0	3.2	3.0	1.6	0	8	5	3	14	0	16	6	4	4	0	3	27	0	3	27	4	9
October	SE	W	7	11	6.4	6.1	3.4	2.2	0	1	5	4	21	0	2	7	6	16	0	1	30	0	0	31	9	14
November	E-SE	S-NW	5	7	7.4	6.7	6.5	3.5	0	0	1	2	27	0	1	4	7	18	0	2	28	0	0	30	25	22
December	SE	S/W	5	6	6.5	6.7	4.6	4.2	0	2	6	1	22	0	0	4	7	20	0	2	29	0	0	31	20	26
Year	SE	W	7	8	5.8	5.4	3.4	3.1	10	49	63	42	20	9	62	80	64	150	0	44	321	0	16	347	116	152

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solious (/) mean that there were these two predominant directions: two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 5 miles: Good = visibility 5½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT KILWA 2ND ORDER STATION IN 1951.

Latitude 8°56'S Longitude 39°31'E Altitude 46 feet. Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Dry Bulb		Dew Point														
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. / 2	Mean Range	0830	1430	Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.27	0.91	14
February	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.37	0.86	4
March	-	-	81.2	87.2	75.9	76.4	93.2	11	74.3	27	89.7	76.4	83.1	13.3	84	71	1.63	0.69	24
April	-	-	79.3	85.1	75.8	77.2	89.0	Often	73.4	Often	87.4	74.8	81.1	12.5	90	77	5.05	1.10	9
May	-	-	77.5	84.4	73.7	75.9	88.0	1,26	79.1	28	86.0	73.1	79.5	13.0	88	73	2.90	1.03	4
June	-	-	75.9	84.8	67.6	73.3	90.0	9	66.2	1	86.4	70.3	78.3	16.1	76	68	0.00	0.00	-
July	-	-	75.0	85.5	67.8	73.5	88.0	Often	64.4	27	86.4	70.1	78.3	16.4	78	68	0.00	0.00	-
August	-	-	75.7	86.4	70.2	-	89.0	21,22,25	68.0	3	86.7	71.6	79.1	15.2	83	-	0.40	0.25	29
September	-	-	78.1	87.8	72.8	-	-	-	71.0	19,22,27	-	73.9	-	-	84	-	0.63	0.53	19
October	-	-	81.2	87.2	74.2	-	90.0	28,29	71.0	1,5	87.8	75.9	81.9	12.0	79	-	0.05	0.05	17
November	-	-	82.4	87.0	76.2	-	91.5	25,27	74.0	5	88.6	77.3	82.9	11.3	82	-	4.11	3.36	4
December	-	-	80.8	87.0	76.0	-	92.0	1	70.0	30	88.4	76.5	82.5	11.8	86	-	9.17	3.97	29
Year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30.58	3.97	December 29

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.														Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430					0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			knots	knots																						
January	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-
March	S	S	2	2	5.1	4.3	4.1	3.3	0	0	17	14	0	0	0	28	3	0	0	0	31	0	0	31	8	0
April	S	E/S	2	3	4.9	4.7	4.4	4.4	0	1	18	8	1	0	2	16	9	0	0	0	28	0	0	27	13	0
May	S	S	3	4	3.2	3.6	2.4	2.6	0	13	15	3	0	0	8	17	6	0	0	0	31	0	0	31	6	0
June	S	S	3	6	3.1	3.9	2.2	2.9	0	12	17	1	0	0	5	20	5	0	0	0	30	0	0	30	-	0
July	S	S	4	5	3.7	2.9	2.8	2.9	0	9	19	2	0	0	4	20	6	0	0	0	30	0	0	30	-	0
August	SE/S	SE/S	2	3	4.6	3.4	4.3	3.3	0	3	17	11	0	0	7	23	1	0	0	0	31	0	0	31	2	0
September	SE	SE	2	2	5.1	3.8	5.0	3.7	0	0	18	9	0	0	3	20	3	0	0	0	27	0	0	26	2	0
October	E/SE	E/SE	2	2	4.9	3.6	4.8	3.4	0	1	17	10	0	0	4	21	1	0	0	0	28	0	0	26	1	0
November	E	E	2	2	5.3	3.6	5.3	3.6	0	0	16	14	0	0	3	25	2	0	0	0	30	0	0	30	8	0
December	E	E	2	2	5.4	4.4	4.4	3.3	0	0	15	13	2	0	2	23	5	0	0	1	29	0	0	30	15	0
Year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74	-

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions; two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles; Good = Visibility 6½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT KONDOA IN 195[illegible]

Latitude 04° 55 S Longitude 35° 48 E Altitude 4400 feet Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1) 0830	Atmospheric Pressure (1) 1430	Temperature: Dry Bulb 0830	Temperature: Dry Bulb 1430	Temperature: Dew Point 0830	Temperature: Dew Point 1430	Extremes of Temperature: Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. ÷ 2	Mean Range	Relative Humidity 0830	Relative Humidity 1430	Rainfall: Total	Max. fall in 24 hrs.	Date
	mb.	mb.	F	F	F	F	F		F		F	F	F	F	%	%	ins.	ins.	
January	862.9	860.4	67.[illegible]	80.8	61.4	59.8	9[illegible].4	2, 3	60.3	29	84.2	63.2	73.7	2[illegible].0	82	49	5.40	.20	2[illegible]
February	863.4	861.0	65.3	78.5	61.9	62.4	88.3	26	59.5	6	8[illegible].6	62.1	7[illegible].9	9.5	89	60	4.94	0.76	8
March	863.2	860.9	68.6	81.4	62.2	61.4	88.0	8	59.5	5	83.6	63.	73.3	20.5	80	5[illegible]	3.33	0.86	27
April	864.7	862.4	66.3	74.5	62.8	63.6	83.4	27	59.5	30	78.3	62.5	70.4	15.8	89	69	[illegible].75	2.39	9
May	865.9	864.[illegible]	64.1	74.7	58.8	59.5	80.1	3	54.7	25	76.5	59.7	68.	16.8	8[illegible]	59	0.86	0.23	5, 17
June	866.8	865.3	61.0	73.9	55.0	54.4	81.7	3, 4	48.9	2, 13	75.7	54.8	65.3	20.8	81	5[illegible]	0.00	0.00	--
July	866.9	865.4	60.2	74.9	53.1	52.3	82.0	27	48.4	14	76.9	54.[illegible]	65.5	22.8	78	46	0.00	0.00	--
August	868.3	865.7	62.6	78.0	53.5	54.3	83.7	22	48.6	8	79.0	55.2	67.1	23.7	72	44	0.00	0.00	--
September	867.0	864.1	64.8	81.1	56.3	56.6	87.2	6	55.0	1,26,29	83.0	57.9	70.4	25.1	74	43	0.00	0.00	--
October	865.9	862.3	68.1	83.8	57.4	56.3	92.0	20,28,30	55.5	3	87.8	61.0	74.4	26.9	69	39	0.26	0.26	25
November	865.1	861.4	70.0	84.3	60.6	58.6	92.9	28	59.6	9	87.4	63.	75.3	24.3	72	42	0.96	0.65	19
December	865.0	86[illegible].6	70.1	81.2	62.[illegible]	60.8	94.0	2	58.2	9	86.6	63.4	75.0	23.2	76	50	7.08	1.08	15
Year	865.4	862.9	65.7	78.9	59.7	58.3	94.0	Dec. 2	48.4	July 14	8[illegible].7	60.0	70.9	21.7	79	50	34.58	2.39	April 9

Month	Prevailing Wind Direction (2) 0830	Prevailing Wind Direction (2) 1430	Mean Wind Speed 0830	Mean Wind Speed 1430	Cloud Amount (eights) and Frequency of Total Cloud: Total 0830	Total 1430	Low 0830	Low 1430	0830: 0	1-2	3-5	6-7	8	1430: 0	1-2	3-5	6-7	8	Frequency of Visibility (3) 0830: Fog	Mist or Haze	Good	1430: Fog	Mist or Haze	Good	No. of days of Rain (4)	Thunder
			Knots	Knots																						
January	NE	NE/SW	6	9	5.2	5.8	2.0	4.2	0	5	9	10	7	0	0	11	13	7	0	1	30	0	3	28	16	8
February	NE/E	SW	7	12	6.3	5.3	4.2	3.0	0	4	2	11	11	0	1	13	11	3	0	0	28	0	0	28	14	7
March	NE	NE	11	13	4.8	4.5	3.5	2.8	0	11	5	6	9	0	6	15	3	7	0	0	31	0	0	31	8	3
April	NE	NE	8	12	7.0	6.4	4.0	4.4	0	0	4	9	15	0	0	9	10	9	0	3	25	0	0	28	22	4
May	NE-SE	NE-SE	13	13	6.4	5.3	5.6	4.2	0	3	4	11	13	0	1	13	16	1	0	1	30	0	0	31	6	0
June	NE	NE/E	10	12	4.6	5.2	3.4	4.6	0	9	7	6	6	0	5	8	10	5	0	0	28	0	0	28	--	0
July	NE/E	NE-SE	11	12	2.9	3.9	2.1	3.7	1	17	7	4	2	1	12	8	7	3	0	0	31	0	0	31	--	0
August	NE	NE	6	5	3.6	3.6	3.2	3.5	2	11	9	2	6	0	8	15	2	1	0		29	0	0	26	--	0
September	NE	NE	5	4	4.0	2.8	3.8	2.6	1	14	3	4	8	0	14	13	3	0	0	0	30	0	0	30	--	0
October	NE	NE	5	5	3.8	3.5	3.5	3.3	3	11	5	7	4	0	12	11	5	2	0	1	29	0	0	30	1	1
November	NE	NE	5	5	5.2	3.9	4.5	3.9	1	4	9	12	4	0	4	21	4	1	0	0	30	0	0	30	6	0
December	NE	NE	4	4	4.7	4.5	4.2	4.2	0	6	15	6	4	0	0	26	5	0	0	0	3	0	0	31	16	0
Year	NE	NE	8	9	4.9	4.6	3.7	3.7	8	95	79	80	89	1	63	63	89	39	0	7	352	0	3	352	89	23

Notes: (1) Pressure is given at Station level.

(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions: two directions separated by a hyphen (-) mean that the wind was from between these two directions.

(3) The following definitions are used in this table: Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles; Good = visibility 6 miles or over.

(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT LINDI METEOROLOGICAL STATION IN 1951.

Latitude 10°06'S Longitude 39°42'E Altitude 133 feet. Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature							Relative Humidity		Rainfall		
			Dry Bulb		Dew Point													
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. 2	Mean Range	0830	1430	Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	1006.8	1003.6	78.6	85.0	73.4	74.4	93.0	6	70.2	15,18	88.3	73.7	81.0	14.7	84	71	5.37	2.41	14
February	1007.7	1004.2	77.9	84.5	73.3	74.4	91.8	22	68.5	10	88.7	72.4	80.5	16.3	86	72	3.96	1.16	17
March	1007.7	1004.5	78.0	85.3	74.2	75.1	91.4	2	70.8	12	88.4	73.0	80.7	15.4	88	72	6.88	1.93	2
April	1008.9	1006.5	77.4	82.7	73.5	75.2	91.0	11	70.2	16	87.1	72.2	79.7	14.9	88	78	12.16	3.52	28
May	1011.9	1009.1	74.8	84.3	69.5	70.3	89.7	15	64.9	25	86.9	69.3	78.1	17.7	84	63	0.63	0.42	4
June	1014.1	1011.2	72.1	83.9	65.5	65.0	89.2	4	62.6	1	86.0	66.2	76.1	19.8	80	54	1.30	1.20	26
July	1014.7	1011.9	71.0	83.5	64.6	63.7	88.0	30,31	58.8	27	85.9	65.8	75.9	20.0	80	52	0.02	0.02	4
August	1014.9	1012.2	72.8	82.3	67.1	68.3	89.0	3	60.4	3	85.6	66.8	76.2	18.8	82	63	0.39	0.15	31
September	1013.5	1010.4	75.3	82.9	68.1	67.3	91.5	8	64.0	12	85.6	68.5	77.1	17.1	79	60	0.00	0.00	-
October	1011.9	1008.9	79.1	84.8	70.6	70.0	91.2	24	67.1	2	87.3	71.5	79.4	15.8	75	61	0.57	0.34	29
November	1009.7	1006.6	81.2	85.1	74.8	74.6	91.3	26,27	71.0	5	88.4	74.3	81.3	14.1	81	71	3.99	2.05	19
December	1009.0	1005.9	80.6	85.1	75.5	76.2	91.0	9,16	71.0	29	88.0	74.1	81.1	13.9	85	75	5.91	1.65	20,28
Year	1010.9	1007.9	76.6	84.1	70.8	71.2	93.0	Jan. 6	58.8	July 27	87.2	70.7	78.9	16.5	83	66	41.18	3.52	April 28

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.															Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430						0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8		Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			knots	knots																							
January	NW	N	8	13	6.7	6.0	4.2	3.7	0	1	3	9	18	0	2	6	12	11		0	0	31	0	0	31	12	14
February	S	NE/N	8	11	5.0	6.3	2.1	4.3	0	6	8	4	10	0	0	7	14	7		0	0	28	0	0	28	12	16
March	S/SW	NE/N	8	11	5.2	5.2	3.6	3.4	0	5	8	9	9	0	5	10	9	7		1	0	30	0	0	31	14	20
April	S/SW	NE	11	9	4.4	5.7	2.8	4.0	0	7	14	4	5	0	3	9	3	15		0	0	30	0	0	30	22	11
May	S-SW	SE-S	13	13	2.9	4.7	1.5	3.3	0	18	7	4	2	0	4	15	7	5		0	0	31	0	0	31	6	1
June	S-SW	SE/SSE	12	13	3.0	3.6	1.9	3.2	0	16	9	3	2	0	12	12	3	3		0	0	30	0	0	30	2	1
July	S-SW	NE/SE	12	13	2.3	4.1	0.9	3.2	6	16	3	2	4	0	9	13	5	4		0	0	31	0	0	31	1	0
August	S	NE	11	15	3.2	4.1	2.2	3.4	1	12	11	5	2	0	11	10	8	2		0	0	31	0	0	31	6	0
September	S	NE	8	14	3.6	2.8	3.3	2.2	0	10	14	5	1	0	19	6	4	1		0	0	30	0	0	30	-	0
October	S	N-NE	7	14	5.2	2.5	4.9	2.1	0	2	12	13	4	0	21	7	2	1		0	0	31	0	0	31	4	0
November	SE-SW	NE	8	12	5.7	4.5	5.4	3.3	0	1	7	16	6	0	10	9	5	6		0	1	29	0	1	29	14	5
December	S	NE	9	13	5.3	4.8	3.8	3.2	0	4	9	11	7	0	4	16	4	7		0	0	31	0	0	31	16	10
Year	S	NE	9	13	4.4	4.5	3.1	3.3	7	98	105	85	70	0	100	120	76	69		1	1	363	0	1	364	109	78

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions: two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles; Good = Visibility 6½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT LOLIONDO IN 95.

Latitude 02° 03'S Longitude 35° 37'E Altitude 7002 feet Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1) 0630	Atmospheric Pressure (1) 1430	Temperature Dry Bulb 0630	Temperature Dry Bulb 1430	Temperature Dew Point 0630	Temperature Dew Point 1430	Extremes of Temperature Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. / 2	Mean Range	Relative Humidity 0630	Relative Humidity 1430	Rainfall Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	60.5	68.1	52.9	50.4	79.5	9	44.5	11	72.6	49.9	61.2	22.4	76	53	3.43	1.05	13
February	-	-	59.9	67.2	53.9	53.6	75.0	4, 5	45.5	3	71.4	51.0	61.2	20.4	81	62	5.27	1.33	27
March	-	-	60.2	70.7	55.0	54.6	80.0	9	49.0	18	72.8	53.3	63.1	19.5	84	57	6.38	2.59	26
April	-	-	59.3	64.1	56.3	57.9	74.0	16	49.5	13	68.1	53.5	60.8	14.6	90	80	13.37	1.47	4
May	-	-	56.4	63.3	54.4	56.6	68.5	23,26	49.0	4, 18	65.6	53.2	59.4	12.4	94	79	8.10	1.79	17
June	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.16	0.14	8
July	-	-	52.7	60.9	47.3	47.0	75.0	29,30	-	-	72.2	-	-	-	82	61	0.10	0.06	20
August	-	-	52.4	60.5	48.[illegible]	46.5	76.[illegible]	29,30	-	-	74.0	-	-	-	86	65	0.99	0.57	17
September	-	-	56.8	68.7	51.3	50.0	79.4	often	-	-	76.7	-	-	-	82	51	0.04	0.04	23
October	-	-	57.5	68.0	53.3	50.5	82.4	25,26	47.0	often	80.2	50.3	65.3	29.9	86	54	1.94	0.91	26
November	-	-	58.8	68.6	55.5	60.0	82.0	25,27	46.0	often	77.5	50.7	64.1	26.8	89	74	7.74	1.75	19
December	-	-	58.7	66.[illegible]	53.6	57.2	71.0	3,28	43.0	17	68.9	52.3	60.6	16.6	83	73	8.57	2.05	3
Year	-	-	-	-	-	-	-	-	-	-	-	-	-	-			56.09	2.59	March 26

Month	Prevailing Wind Direction (2) 0630	Prevailing Wind Direction (2) 1430	Mean Wind Speed 0630	Mean Wind Speed 1430	Cloud Amount (eighths) and Frequency of Total Cloud: Total 0630	Total 1430	Low 0630	Low 1430	0630: 0	1-2	3-5	6-7	8	1430: 0	1-2	3-5	6-7	8	Frequency of Visibility (3) 0630: Fog	Mist or Haze	Good	1430: Fog	Mist or Haze	Good	No. of days of Rain (4)	Thunder
			Knots	Knots																						
January	NE	NE	6	9	5.5	6.7	2.5	4.6	-	4	4	3	10	0	0	5	3	13	0	10	22	0	0	21	11	0
February	NE	NE	9	10	5.[illegible]	5.6	4.5	4.6	3	2	4	6	13	0	2	3	3	10		0	27	0	0	26	19	1
March	E	E	10	11	6.5	5.8	4.6	3.0		2	5	5	18	0	3	10	6	10	3	2	26	0	0	29	13	2
April	NE/E	NE/E	8	8	7.7	7.5	6.	5.8	0	0	-	4	25	0	0	-	10	19	3	-	26		-	28	27	4
May	NE/E	NE/E	12	11	7.8	6.7	7.6	5.5	0	0	0	5	26	0	0	5	4	9	16	2	3	2	0	26	21	0
June	-	-	-	-	-	-	-	-	-			-		-	-	-	-						-	-	2	-
July	E	E	5	7	5.3	5.8	5.2	5.7	5		7	5	1	0	0	10	8	2	0	0	9	3	0	27	3	0
August	E	E	6	6	6.8	5.6	6.6	5.6	0	0	7	11	13	0	2	10	16	3	11	0	20	1		30	4	0
September	NE/E	NE/E	6	6	5.7	5.0	5.7	4.7	3	0	8	10	9	1	0	17	0	2	9	0	21		0	29	1	0
October	E	E	7	5	6.8	5.7	6.8	5.4	0	0	2	22	7	0		11	6	3	9	0	22	3	0	28	7	0
November	E	E	5	4	7.0	5.6	7.0	5.[illegible]	0	0	3	17	10	0	0	10	20	0	5	0	25	0	0	30	14	0
December	E	E	4	5	6.7	6.0	6.6	5.8	0	0	6	2	13	0	0	10	18	3	3	0	28	0	0	31	16	0
Year	-	-	-	-			-	-	-	-	-	-	-		-	-	-	-	-	-			-		138	-

Notes: (1) Pressure is given at Station level.

(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions; two directions separated by a hyphen (-) mean that the wind was from between these two directions.

(3) The following definitions are used in this table, Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles, Good = visibility 6¼ miles or over.

(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT LYAMUNGU IN 95

Latitude 03° 14'S Longitude 37° 15'E Altitude 4100 feet Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature							Relative Humidity		Rainfall		
			Dry Bulb		Dew Point													
	0630	1430	0630	1430	0630	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. / 2	Mean Range	0630	1430	Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	67.3	81.4	59.2	59.6	89.6	10	54.0	29	84.1	57.7	70.9	26.4	76	46	4.63	2.22	13
February	-	-	66.3	77.9	61.2	62.7	86.9	26	52.3	4	81.1	57.7	69.4	23.4	84	60	2.84	1.32	15
March	-	-	66.9	79.6	61.7	62.0	86.7	1	51.6	5	81.9	57.8	69.9	24.1	84	55	4.08	1.90	30
April	-	-	64.8	73.5	62.7	65.1	79.7	1	55.4	14	75.7	60.5	68.1	15.2	93	75	21.32	3.26	22
May	-	-	62.4	69.2	61.0	62.9	77.0	1	56.8	4,25	70.9	59.5	65.2	11.4	96	81	20.19	3.06	7
June	-	-	59.9	67.6	57.8	59.9	73.4	18	50.5	11	69.1	57.0	63.1	12.1	93	75	8.02	2.37	21
July	-	-	58.6	67.0	56.8	57.9	72.5	15	50.9	28	68.7	55.7	62.2	13.0	93	73	2.54	0.67	20
August	-	-	58.6	66.7	56.5	57.1	76.6	22	52.9	7	70.4	55.7	63.1	14.7	93	67	1.78	0.39	6
September	-	-	60.5	73.0	58.0	59.6	81.0	5	47.8	3	75.3	54.1	64.7	21.2	91	64	0.31	0.11	9
October	-	-	63.7	75.4	60.6	60.6	83.3	23	55.0	1	77.6	58.6	68.1	19.0	90	60	3.28	0.99	25
November	-	-	66.4	74.9	62.9	63.9	83.7	28	52.2	12	77.7	59.2	68.5	18.5	89	69	8.71	1.95	4
December	-	-	66.6	76.0	63.3	64.6	82.4	28	55.0	1	78.8	59.6	69.2	19.2	89	68	7.42	2.25	31
Year	-	-	63.5	73.7	60.[illegible]	61.3	89.6	Mar. 10	47.8	Sept. 3	75.9	57.8	66.9	18.2	89	66	85.16	3.26	April 22

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eights) and Frequency of Total Cloud														Frequency of Visibility (3)						No. of days of	
					Total		Low		0630					1430					0630			1430			Rain (4)	Thunder
	0630	1430	0630	1430	0630	1430	0630	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good		
			Knots	Knots																						
January	NE-SW	SE	1	5	3.3	4.9	2.0	3.7	4	12	8	2	5	0	4	12	12	3	0	0	31	0	0	31	6	1
February	NE-SE	SE	1	3	3.7	6.1	3.0	5.8	3	10	6	4	5	0	1	8	12	7	1	0	27	0	0	28	6	2
March	S/N	SE	1	4	3.9	5.3	3.5	5.0	4	7	9	4	7	0	4	11	13	3	0	0	31	0	0	31	11	1
April	E/SE	SE	1	3	7.4	6.4	7.1	6.0	0	0	3	7	20	0	1	6	14	9	2	2	26	0	1	29	28	2
May	SE/S	SE	3	4	7.5	7.2	7.4	7.1	0	2	0	3	26	0	0	3	13	15	10	9	12	1	1	29	30	0
June	SE	S	1	3	7.4	6.3	7.2	6.2	0	2	0	4	24	0	3	5	9	13	4	4	22	1	0	29	19	0
July	SE	SE	2	3	7.2	5.3	7.2	4.9	1	1	2	3	24	0	5	11	6	9	1	9	21	0	1	30	24	0
August	SE	SE	2	5	7.3	5.8	7.1	5.8	0	1	3	2	25	0	5	5	11	10	5	5	21	0	1	30	21	0
September	SE/S	SE/S	2	5	7.0	4.9	6.9	4.1	0	3	1	5	21	0	5	13	8	3	2	8	20	0	0	29	9	1
October	SE	SE/S	3	7	6.7	5.7	6.4	5.1	0	3	3	10	15	0	3	8	15	5	3	2	26	1	0	30	17	2
November	SE/S	SE/S	3	6	6.2	5.8	5.6	5.2	1	3	2	11	13	0	2	7	18	2	2	7	21	0	0	29	20	1
December	SE	NE-S	1	2	6.2	6.0	5.9	5.4	0	3	8	5	15	0	1	6	19	4	1	1	29	0	0	30	17	0
Year	SE	SE	2	4	6.1	5.8	5.8	5.3	13	47	45	60	200	0	34	95	150	63	31	47	267	3	4	355	210	10

Notes: (1) Pressure is given at station level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions: two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles, Good = visibility 6¼ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT MAFIA IN 1951.

Latitude 07° 55'S Longitude 39° 40'E Altitude 70 feet Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1) 0830 mb.	Atmospheric Pressure (1) 1430 mb.	Temperature Dry Bulb 0830 °F	Temperature Dry Bulb 1430 °F	Temperature Dew Point 0830 °F	Temperature Dew Point 1430 °F	Extremes of Temperature Max. °F	Date	Min. °F	Date	Mean Max. °F	Mean Min. °F	Max. + Min. / 2 °F	Mean Range °F	Relative Humidity 0830 %	Relative Humidity 1430 %	Rainfall Total ins.	Max. Fall in 24 hours ins.	Date
January	-	-	81.0	85.4	74.5	74.1	89.0	10,13	73.0	1, 31	86.8	75.9	81.4	10.9	81	69	4.20	3.58	31
February	-	-	79.8	84.1	75.3	74.7	89.0	23,26	71.0	14	86.2	74.7	80.5	11.5	87	74	2.07	1.05	15
March	-	-	80.4	85.5	75.9	75.3	90.5	9	70.0	26	87.3	75.1	81.2	12.2	87	72	8.55	5.25	24
April	-	-	78.8	82.6	75.4	74.5	88.0	9	71.9	1	84.3	74.4	79.3	9.9	90	77	13.55	3.34	28
May	-	-	78.0	81.4	73.0	72.6	86.5	3	71.9	9	82.5	73.8	78.1	8.7	85	75	10.05	2.66	8
June	-	-	76.3	79.8	69.8	68.7	84.0	19,10	69.8	23	81.3	72.0	76.7	9.3	80	69	1.06	1.06	29
July	-	-	75.9	78.8	68.3	66.3	82.5	15,16	68.0	25,26	80.0	71.5	75.7	8.6	77	66	1.11	0.62	3
August	-	-	76.0	80.3	68.5	67.3	85.5	24	68.2	28	81.9	70.4	76.1	11.5	78	65	1.23	0.45	1
September	-	-	78.1	82.7	69.1	67.1	86.5	22	68.5	11	84.3	70.9	77.6	13.4	74	60	0.00	0.00	-
October	-	-	80.0	83.1	71.3	70.3	87.5	19	70.2	2	85.3	73.0	79.1	12.3	75	65	3.20	1.43	24
November	-	-	82.0	84.2	75.3	75.6	89.1	27	72.0	1	86.3	74.6	80.5	11.7	80	76	4.17	0.90	17
December	-	-	81.6	83.6	76.0	76.3	90.2	11	71.3	19	87.1	74.6	80.9	12.5	83	79	11.56	4.25	20
Year	-	-	79.0	82.6	72.7	71.9	90.5	March 9	68.0	July 25,26	84.4	73.4	78.9	11.0	81	71	60.75	5.25	March 24

Month	Prevailing Wind Direction (2) 0830	Prevailing Wind Direction (2) 1430	Mean Wind Speed 0830 Knots	Mean Wind Speed 1430 Knots	Cloud Amount (eights) and Frequency of Total Cloud: Total 0830	Total 1430	Low 0830	Low 1430	0830: 0	1-2	3-5	6-7	8	1430: 0	1-2	3-5	6-7	8	Frequency of Visibility (3) 0830: Fog	Mist or Haze	Good	1430: Fog	Mist or Haze	Good	No. of days of: Rain (4)	Thunder
January	N	N	5	7	5.6	4.1	4.1	2.8	0	2	10	15	4	0	7	17	5	2	0	0	31	0	0	31	2	0
February	S/N	N	5	5	5.7	4.6	3.7	3.1	0	1	10	15	2	0	3	14	11	0	0	0	28	0	0	28	6	0
March	S/N	S/N	3	5	4.6	4.3	3.4	2.9	0	6	13	10	2	0	5	18	8	0	0	2	29	0	0	31	8	1
April	S	SE/S	4	7	5.6	5.6	3.7	3.8	0	2	12	11	5	0	0	14	12	4	0	4	26	0	4	26	16	2
May	S	S	7	9	4.9	4.8	3.4	3.5	0	4	13	12	2	0	5	14	8	4	0	1	30	0	1	30	15	0
June	S	S	8	9	4.3	4.1	3.2	3.1	0	6	13	11	0	0	7	16	7	0	0	0	30	0	0	30	1	0
July	S	S	10	10	4.5	3.7	3.4	2.7	0	5	15	11	0	3	5	20	2	1	0	0	31	0	0	31	2	0
August	S	S	6	8	4.3	4.2	3.4	3.3	0	4	20	7	0	0	1	26	4	0	0	0	31	0	0	31	8	0
September	NE	NE	5	7	4.3	3.8	3.8	3.1	0	2	23	5	0	1	3	22	4	0	0	0	30	0	0	30	-	0
October	N	NE	7	7	4.5	4.6	4.0	3.4	0	2	24	4	1	0	0	25	6	0	0	1	30	0	0	31	5	0
November	E/SE	E/SE	3	3	4.8	5.2	3.7	3.8	0	1	21	8	0	0	2	16	9	3	0	0	30	0	0	30	12	1
December	S/SW	S/SW	2	2	5.5	5.4	4.5	4.5	0	0	16	14	1	0	0	18	11	2	0	0	31	0	1	30	15	4
Year	S	S	5	7	4.9	4.5	3.7	3.3	0	35	190	123	17	4	38	220	87	16	0	8	357	0	6	359	90	8

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions, two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table; Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles; Good = visibility 6½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain fell.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT MBEYA IN 195[illegible]

Latitude 08° 56'S Longitude 33° 28'E Altitude 5760 feet Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Dry Bulb		Dew Point														
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min / 2	Mean Range	0830	1430	Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	828.5	826.6	61.3	68.3	57.8	59.8	78.2	2	51.0	7	72.4	57.0	64.7	15.4	69	75	9.37	1.31	16
February	828.8	826.8	60.6	68.2	57.5	58.1	76.9	28	54.2	3	71.6	56.9	64.3	14.7	90	73	5.47	1.04	19
March	828.4	826.6	63.3	71.3	58.8	60.9	78.5	14	53.0	20	75.3	56.2	65.7	19.0	86	70	5.02	1.26	30
April	829.7	827.8	62.0	69.8	58.6	60.3	75.7	16	49.2	14	73.3	56.1	64.7	17.2	89	72	4.30	0.63	3
May	830.8	829.5	60.5	69.6	53.5	56.5	74.6	16	46.2	31	71.8	50.4	61.1	21.4	78	64	0.15	0.12	1
June	831.2	830.2	57.1	67.0	50.8	52.6	76.3	28	40.0	2, 3	69.4	47.4	58.4	22.0	80	61	0.00	0.00	-
July	831.5	830.3	56.6	67.4	47.9	51.5	76.4	25	41.9	14,29	69.4	47.3	58.3	22.1	73	57	0.00	0.00	-
August	831.2	829.8	57.9	69.7	48.0	49.3	80.0	19	42.0	8	72.1	48.3	60.2	23.8	69	49	0.08	0.08	28
September	830.3	828.3	63.1	75.1	48.9	50.5	81.5	5	46.2	10	77.88	52.3	65.1	25.5	59	42	0.13	0.13	2
October	829.3	827.0	64.6	77.7	52.1	51.6	83.5	29	50.8	4	80.8	55.2	68.0	25.6	64	40	0.52	0.26	16
November	829.3	826.8	67.1	74.5	56.3	54.8	84.7	7	54.0	9	79.5	57.0	68.3	22.5	68	51	1.92	0.51	28
December	829.5	827.2	63.3	69.8	58.8	59.5	79.8	9	53.0	9	74.5	57.5	66.0	17.0	86	70	11.31	1.21	31
Year	829.9	828.1	61.5	70.7	54.1	55.5	84.7	Nov. 7	40.0	June 2, 3	74.0	53.5	63.7	20.5	78	60	38.27	1.31	Jan. 16

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eights) and Frequency of Total Cloud																	Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430						0830			1430			Rain (4)	Thunder
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good		
			Knots	Knots																						
January	E/W	W	3	6	7.2	7.4	4.0	5.0	0	1	2	3	25	0	0	1	7	23	2	1	28	0	0	31	23	19
February	E	W	2	6	7.5	7.7	4.1	5.0	0	0	2	4	22	0	0	1	6	21	0	0	28	0	1	27	19	12
March	E	E	3	7	5.4	6.8	2.3	5.0	0	7	9	4	11	0	2	3	10	16	1	0	30	0	0	31	16	23
April	E	E-S	4	5	6.4	7.2	2.7	5.4	0	4	3	7	16	0	0	4	10	16	0	0	30	0	0	30	22	13
May	E	E-S	2	8	2.2	4.8	1.2	4.3	0	22	7	2	0	0	4	14	11	2	0	0	31	0	0	31	2	2
June	E	SSE	4	8	2.7	4.7	1.8	4.1	0	21	3	6	0	0	7	9	11	3	0	0	30	0	0	30	-	0
July	E/SE	SSE	3	9	1.7	3.1	1.6	3.1	4	20	7	0	0	2	11	13	5	0	0	0	31	0	0	31	-	0
August	E	SSE	6	13	2.0	3.6	1.0	2.9	3	21	4	1	2	0	12	12	3	4	0	0	31	0	0	31	1	0
September	E	E-S	9	13	1.3	3.8	0.6	3.1	11	14	2	3	0	0	11	11	4	4	0	0	30	0	0	30	1	1
October	E	E/SE	17	13	2.4	4.9	0.4	4.5	6	12	9	4	0	0	5	10	15	1	0	0	31	0	0	31	3	6
November	E	E-SSE	6	10	5.0	6.8	2.2	6.1	0	3	10	14	3	0	0	3	14	13	0	0	30	0	0	30	11	18
December	E	E/W	4	6	6.8	6.7	3.9	5.6	0	1	2	9	19	0	0	4	13	14	1	3	27	0	1	30	25	23
Year	E	E-S	5	9	4.2	5.6	2.1	4.5	24	126	60	57	98	2	52	65	109	117	4	4	357	0	2	363	123	117

Note: (1) Pressure as given at Station Level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions; two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles: Good = Visibility 6 miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT MBULU IN 1951.

Latitude 03° 52'S Longitude 35° 33'E Altitude 5700 feet Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1) 0830	Atmospheric Pressure (1) 1430	Temperature Dry Bulb 0830	Temperature Dry Bulb 1430	Temperature Dew Point 0830	Temperature Dew Point 1430	Extremes of Temperature Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. / 2	Mean Range	Relative Humidity 0830	Relative Humidity 1430	Rainfall Total	Max. Fall in 24 hrs	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	--	--	63.6	76.1	55.9	55.0	85.0	8	50.0	6	78.3	54.8	66.5	23.5	76	48	2.35	0.61	12
February	--	--	62.6	73.0	57.6	57.0	81.0	3	51.0	1	75.5	56.3	65.9	18.8	84	58	5.78	1.35	19
March	--	--	63.4	74.7	58.3	56.6	78.0	often	50.0	14	76.2	57.5	66.9	18.6	84	54	4.50	1.56	28
April	--	--	61.7	70.2	59.4	60.0	76.0	2,7,11	53.0	1, 9	72.8	56.8	64.8	16.0	92	70	0.61	2.34	25
May	--	--	58.7	65.4	55.9	59.5	72.0	28	53.0	25	67.8	55.8	61.8	12.0	93	82	4.35	1.33	6
June	--	--	56.5	64.6	52.5	55.1	71.0	4,10	43.0	19	66.2	52.4	59.3	13.8	87	72	0.30	0.18	26
July	--	--	55.5	65.5	51.9	53.3	76.0	25,26	40.0	26	67.5	51.1	59.3	16.5	88	66	0.12	0.12	19
August	--	--	54.4	66.2	51.0	51.5	74.0	20,22	48.0	3, 8	68.5	51.7	60.1	16.9	89	59	0.02	0.02	28
September	--	--	57.4	71.3	53.1	53.3	78.0	5	50.0	1, 4	73.4	53.3	63.3	20.1	86	53	0.00	0.00	--
October	--	--	59.5	73.2	54.8	53.9	80.0	24	51.5	1	75.7	55.8	65.7	19.7	85	5	1.40	0.63	11
November	--	--	62.3	73.5	56.3	57.9	78.0	2, 18	53.0	2,26	75.1	57.6	66.3	17.5	87	58	9.18	2.11	18
December	--	--	61.8	72.5	58.7	61.6	77.0	13	56.0	6,8,25	73.9	58.6	66.3	5.3	89	69	16.50	3.40	7
Year	--	--	59.7	70.5	55.6	56.2	85.0	Jan. 8	40.0	July 26	72.6	55.1	63.9	7.4	87	62	55.	3.40	Dec. 7

Month	Prevailing Wind Direction (2) 0830	Prevailing Wind Direction (2) 1430	Mean Wind Speed 0830	Mean Wind Speed 1430	Cloud Amount (eights) and Frequency of total Cloud: Total 0830	Total 1430	Low 0830	Low 1430	0830: 0	1-2	3-5	6-7	8	1430: 0	1-2	3-5	6-7	8	Frequency of Visibility (3) 0830: Fog	Mist or Haze	Good	1430: Fog	Mist or Haze	Good	No. of days of Rain (4)	Thunder
			Knots	Knots																						
January	SE	E/SE	8	13	4.9	5.2	4.9	5.2	0	3	13	9	6	0	-	17	10	3	0	0	3	0	0	31	9	2
February	SE	E/SE	9	12	6.5	5.8	6.5	5.8	0	2	1	10	9	0		7	10	3	0	0	22	0	0	2	16	3
March	SE	E/SE	12	13	6.6	4.3	6.6	4.3	0	1	3	7	0	0	4	2	5		0	0	3	0	0	31	11	2
April	SE	SE	7	12	7.5	6.2	7.5	6.2	0	0	1	8	21	0	0	9	17	4	0	2	28	0		29	21	3
May	SE	SE	12	14	7.8	6.4	7.8	6.4	0	0	0	5	26	0	0	5	19	7	0	8	23	0	2	29	16	0
June	SE	SE	12	12	7.4	6.4	7.4	6.4	0	0	2	5	23	0		3	17	9	1	9	20	0	1	29	4	0
July	SE	SE	14	15	7.0	4.8	7.0	4.8	1	0	3	7	20	1	2	14	13	1	0	5	26	0		30	1	0
August	SE	SE	15	17	7.7	4.4	7.7	4.4	0	0	0	7	24	1	4	16	9		0	5	26	0	0	31	1	0
September	SE	SE	15	16	7.1	3.6	7.0	3.6	1	0	1	9	19	2	9	15	3	-	1	2	27	0	0	30	--	0
October	SE	SE	15	16	7.0	4.3	7.0	4.3	1	0	1	10	15	0	4	17	3	2	0	2	25	0	0	26	5	2
November	SE	SE	3	15	7.2	4.8	7.2	4.8	0	0	4	11	15	0	3	15	12	0	0	1	29	0	0	30	16	0
December	SE	E/SE	9	9	7.2	5.1	7.2	5.1	0	0	2	14	15	0	0	18	11	2	0	1	30	0	0	31	23	1
Year	SE	SE	12	14	7.0	5.1	7.0	5.1	3	6	31	112	203	4	29	157	129	34	2	35	318	0	5	348	123	13

Note: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions: two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards, Mist or Haze = visibility 1100 yards to 6 miles; Good = visibility 6¼ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT MGROGORO N 95

Latitude 0° 5' S Longitude 37° 40' E Altitude 900 feet Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1) 0830	Atmospheric Pressure (1) 1430	Temperature: Dry Bulb 0830	Temperature: Dry Bulb 1430	Temperature: Dew Point 0830	Temperature: Dew Point 1430	Extremes of Temperature: Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. ÷ 2	Mean Range	Relative Humidity 0830	Relative Humidity 1430	Rainfall: Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	[illegible]	[illegible]	74.8	68.8	68.8	68.0	94.5	2	65.2	2	89.2	69.[illegible]	79.	20.	82	54	3.[illegible]2	0.65	25
February	[illegible]	[illegible]	74.1	63.7	70.[illegible]	69.8	90.2	6	64.0	0	86.7	66.2	77.5	20.6	88	63	7.04	[illegible].32	22
March	[illegible]	[illegible]	74.8	65.7	70.8	70.7	9[illegible].0	9	64.0	2	87.3	67.6	77.5	19.6	88	61	3.85	[illegible].9[illegible]	[illegible]2
April	[illegible]	[illegible]	73.5	62.6	7[illegible].5	72.8	92.0	6	65.8	30	85.5	68.5	77.0	17.0	94	73	6.08	0.82	11
May	[illegible]	[illegible]	70.6	60.2	68.5	68.8	87.0	2	58.4	31	82.[illegible]	65.4	73.7	16.7	93	69	3.7[illegible]	0.64	4
June	[illegible]	[illegible]	67.9	78.7	65.0	64.6	85.5	30	54.0	2	80.6	60.9	70.7	19.7	9[illegible]	62	0.91	0.52	11
July	[illegible]	[illegible]	66.9	79.7	62.9	62.0	85.0	1, 31	51.9	24	81.5	59.1	70.3	22.4	86	55	0.67	0.24	2
August	[illegible]	[illegible]	66.6	81.4	62.7	58.4	88.0	22,24	55.5	8	83.8	60.8	72.3	23.0	87	46	0.2	0.10	8
September	[illegible]	[illegible]	70.7	84.2	64.5	60.9	90.7	27	58.5	15	86.0	62.7	74.3	23.3	8[illegible]	46	0.01	0.01	8
October	[illegible]	[illegible]	74.0	86.9	66.3	62.6	92.0	19,23	60.5	3	88.7	65.4	77.[illegible]	23.4	27	45	1.09	0.85	24
November	[illegible]	[illegible]	74.8	85.5	70.4	69.0	91.0	3	65.3	11	86.7	66.5	77.6	18.2	86	54	5.66	1.29	4
December	[illegible]	[illegible]	75.2	85.	70.7	70.6	90.2	4	65.0	5	86.9	68.4	77.6	18.3	86	62	9.3	3.02	28
Year			72.0	83.4	67.7	66.5	94.5	Jan. 2	51.9	July 24	85.4	65.4	75.4	20.0	87	58	4.66	3.02	Dec. 28

Month	Prevailing Wind Direction (2) 0830	Prevailing Wind Direction (2) 1430	Mean Wind Speed 0830	Mean Wind Speed 1430	Cloud Amount (eighths) and Frequency of Total Cloud: Total 0830	Total 1430	Low 0830	Low 1430	0830: 0	1-2	3-5	6-7	8	1430: 0	1-2	3-5	6-7	8	Frequency of Visibility (3) 0830: Fog	Mist or Haze	Good	1430: Fog	Mist or Haze	Good	No. of days of Rain (4)	Thunder
			Knots	knots																						
January	NE	NE	1	2	6.3	5.2	5.6	4.4	0	1	8	14	8	0	1	21	6	3	0	4	27	0	2	29	11	16
February	NE	NE/SE	1	2	6.7	6.1	6.0	5.3	0	0	6	11	11	0	0	13	8	7	0	4	24	0	2	26	15	21
March	NE	NE	1	1	5.7	5.9	4.9	5.0	0	0	[illegible]	8	6	0	0	16	11	4	0	4	27	0	1	30	11	12
April	CALM	NE	0	1	6.7	6.8	6.1	6.2	0	0	4	16	10	0	0	3	21	6	0	[illegible]	23	1	5	24	23	15
May	CALM	SE/NW	0	1	6.7	6.5	6.0	5.6	0	0	6	14	11	0	0	5	20	6	0	[illegible]	24	0	2	29	17	1
June	SW/NW	SE/NE	1	1	5.7	6.2	4.8	5.2	0	2	12	10	6	0	0	9	19	2	0	5	25	0	0	30	7	1
July	NW	SE	1	2	5.6	5.4	4.8	4.4	1	2	12	10	6	0	0	20	11	0	0	10	21	0	1	30	6	0
August	NW	SE	2	13	4.0	5.4	3.0	3.6	3	7	12	5	4	0	5	9	10	7	1	10	20	0	0	31	5	0
September	SW-NE	SE	1	3	4.9	5.8	4.1	4.9	0	4	12	10	4	0	0	13	14	3	0	0	30	0	0	30	1	0
October	SW	SE	1	2	4.6	4.9	3.6	4.0	0	0	23	7	1	0	1	19	11	0	0	0	31	0	0	31	3	2
November	CALM	NE/SE	0	2	5.6	5.4	4.8	4.5	0	0	16	10	4	0	0	20	7	3	1	0	29	0	1	29	15	7
December	NW	NE	1	1	5.5	5.6	4.6	4.8	0	0	18	10	3	0	0	18	11	2	0	0	31	0	0	31	15	18
Year	NE/NW	SE	1	3	5.7	5.8	4.9	4.8	4	16	146	125	74	0	7	166	149	43	2	51	312	1	14	350	129	93

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions; two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles; Good = Visibility 6½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT MOSHI IN 1951.

Latitude 03° 21' S Longitude 37° 20' E Altitude 2668 feet Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1) 0830	Atmospheric Pressure (1) 1430	Temperature Dry Bulb 0830	Temperature Dry Bulb 1430	Temperature Dew Point 0830	Temperature Dew Point 1430	Extremes of Temperature Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. / 2	Mean Range	Relative Humidity 0830	Relative Humidity 1430	Rainfall Total	Rainfall Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	[illegible]	[illegible]	71.5	68.9	62.0	60.0	96.4	10	59.6	5	91.5	63.8	77.7	27.7	72	38	3.06	1.04	13
February	[illegible]	[illegible]	70.8	84.6	64.0	63.2	95.7	26	53.5	26	89.3	61.8	75.5	27.5	79	49	1.23	0.35	20
March	[illegible]	[illegible]	72.8	87.8	63.7	61.8	95.7	[illegible]	51.9	6	90.9	58.0	74.5	32.9	74	42	4.27	[illegible]	25
April	[illegible]	[illegible]	69.5	79.7	66.3	67.6	86.2	[illegible]	54.0	14	82.0	58.4	70.2	23.6	90	67	14.53	2.74	15
May	[illegible]	[illegible]	67.9	75.4	64.7	65.6	82.5	[illegible]	61.6	25	78.0	64.9	71.5	13.1	90	72	10.86	2.94	8
June	[illegible]	[illegible]	65.5	75.1	61.1	61.5	81.0	18	55.0	11	77.0	61.4	69.2	15.6	86	63	2.76	1.10	25
July	[illegible]	[illegible]	63.9	73.9	59.7	59.9	80.4	0	51.6	28	76.5	60.3	68.4	16.2	86	60	0.60	0.30	9
August	[illegible]	[illegible]	64.4	76.1	59.2	58.0	82.8	31	51.0	4	78.2	60.4	69.3	17.8	83	54	0.14	0.08	26
September	925.5	921.9	66.6	81.3	60.1	58.6	87.9	5	54.3	29	83.6	59.7	71.7	23.9	80	46	0.09	0.04	21
October	924.0	919.9	69.7	83.7	62.6	60.5	91.2	23	59.2	28	86.3	64.	75.2	22.2	78	46	4.18	2.00	25
November	922.7	918.7	71.7	83.1	66.	65.	90.1	28	59.0	12,29	85.9	65.2	75.5	20.8	83	55	3.66	0.77	4
December	922.7	918.5	72.1	84.1	65.8	64.3	91.2	28	60.2	2	87.3	64.8	76.1	22.4	8	52	2.10	0.79	[illegible]
Year			68.9	81.	62.9	62.1	96.4	Jan. 10	51.0	Aug. 4	83.9	61.9	72.9	22.0	82	54	47.48	2.94	May 8

Month	Prevailing Wind Direction (2) 0830	Prevailing Wind Direction (2) 1430	Mean Wind Speed 0830 (Knots)	Mean Wind Speed 1430 (Knots)	Cloud Amount (eighths) and Frequency of Total Cloud: Total 0830	Total 1430	Low 0830	Low 1430	0830: 0	1-2	3-5	6-7	8	1430: 0	1-2	3-5	6-7	8	Frequency of Visibility (3) 0830: Fog	Mist or Haze	Good	1430: Fog	Mist or Haze	Good	No. of days of Rain (4)	Thunder
January	SW	SE	2	3	4.[illegible]	5.[illegible]	2.4	3.8	[illegible]	0	8	5	7	0	3	2	10	5	0	0	3	0	0	30	7	3
February	SE/W	N	2	4	5.2	6.0	4.5	5.3	0	4	8	6	10	0	0	10	12	6	0	0	28	0	0	28	10	3
March	E	SE/S	2	7	5.3	5.1	4.3	4.4	0	6	5	9	[illegible]	0	2	5	8	6	0	0	31	[illegible]	[illegible]	30	9	[illegible]
April	NNW/N	E/S	2	4	7.4	6.4	6.6	4.7	0	0	0	3	27	0	0	8	11	11	0	0	30	0	0	30	24	14
May	NE/S	SE	3	6	7.2	6.4	7.[illegible]	5.7	0	[illegible]	[illegible]	3	28	0	0	6	10	15	0	0	3	0	1	30	18	0
June	SE/N	SE/S	2	4	6.9	6.3	6.4	5.5	0	2	[illegible]	5	22	0	0	7	14	9	0	[illegible]	29	0	0	30	7	0
July	N	N-E	2	5	7.2	5.6	7.0	4.7	0	2	[illegible]	2	26	0	2	12	5	12	0	0	3	0	0	31	4	0
August	SE/S	E	2	7	6.8	5.6	6.7	5.1	0	2	3	3	23	0	3	10	10	8	0	0	31	0	0	31	5	0
September	SE/S	SE	4	10	6.9	4.3	6.8	3.8	0	[illegible]	3	10	16	0	7	2	8	3	0	2	28	0	0	30	4	0
October	NE-SSE	SE	4	11	6.3	4.9	6.0	4.5	0	3	3	13	12	0	5	11	10	5	0	2	29	0	2	29	9	3
November	ESE	ESE	3	7	5.8	4.9	5.6	4.5	0	4	4	9	13	0	6	8	14	2	0	[illegible]	29	0	0	30	17	6
December	NW	E	3	6	5.8	5.1	5.5	4.6	0	5	4	11	11	0	2	15	11	3	0	1	30	0	0	31	12	6
Year	N/SE	SE	3	6	6.2	5.5	5.7	4.7	1	40	41	79	204	0	30	126	123	65	0	7	358	0	4	360	126	56

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solious (/) mean that there were these two predominant directions: two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles; Good = visibility 6½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT MPWAPWA IN 95

Latitude 06° 20 S Longitude 36° 30 E Altitude 3700 feet Standard Time = G M T + 3 hours.

Month	Atmospheric Pressure (1) 0830	Atmospheric Pressure (1) 1430	Temperature Dry Bulb 0830	Temperature Dry Bulb 1430	Temperature Dew Point 0830	Temperature Dew Point 1430	Extremes of Temperature Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. ÷ 2	Mean Range	Relative Humidity 0830	Relative Humidity 1430	Rainfall Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January			68.3	80.6	62.7	6[illegible]	92.	3	60.4	3	84.7	63.5	74.1	21.2	83	52	5.00	1.2[illegible]	25
February			67.	76.4	63.5	64.3	86.2	6	59.0	3	80.6	62.5	71.5	18.1	88	67	7.88	.97	15
March			7[illegible].0	79.4	63.9	64.5	86.9	9	56.2	5	82.8	62.9	72.9	19.9	79	61	3.12	1.06	30
April			68.3	77.3	63.5	64.4	84.4	7	59.4	8	80.4	64.0	72.2	16.4	85	65	5.58	2.08	17
May			66.	74.	59.9	60.0	81.0	24	58.	24	76.4	62.3	69.3	14.	80	62	1.09	0.24	13
June			63.9	74.7	56.3	56.8	81.7	4	52.3	30	76.5	60.	68.3	16.4	76	54	0.00	0.00	
July			63.2	75.2	55.0	55.4	82.4	25,26	52.5	29	77.2	59.2	68.2	18.0	75	50	0.00	0.00	
August			62.9	75.6	55.2	53.	80.8		52.8	5	77.8	57.2	67.5	20.6	76	46	0.00	0.00	
September			66.3	80.6	57.9	56.8	86.0	6	5[illegible].4	1	82.4	58.2	70.3	24.2	75	44	0.00	0.00	
October			69.7	83.0	60.5	59.3	89.2	15	56.0	2	84.9	60.8	72.9	24.	73	45	0.11	0.09	25
November			70.6	8[illegible].8	63.7	62.7	9[illegible].9	28	59.0	26	85.4	63.7	74.3	22.3	79	53	3.11	0.68	5
December			69.9	80.[illegible]	64.7	64.0	88.7	3, 27	54.3	9	84.4	62.8	73.6	2[illegible].6	84	58	4.38	1.04	20
Year			67.3	78.2	60.6	60.2	92.	3	5[illegible].4	Sept.	8[illegible].	6[illegible].4	7[illegible].3	19.7	79	55	30.27	2.08	April 7

Month	Prevailing Wind Direction (2) 0830	Prevailing Wind Direction (2) 1430	Mean Wind Speed 0830 (Knots)	Mean Wind Speed 1430 (Knots)	Cloud Amount (eights) and Frequency of Total Cloud: Total 0830	Total 1430	Low 0830	Low 1430	0830: 0	1-2	3-5	6-7	8	1430: 0	1-2	3-5	6-7	8	Frequency of Visibility (3) 0830: Fog	Mist or Haze	Good	1430: Fog	Mist or Haze	Good	No. of days of Rain (4)	Thunder
January	NE-SW	SE/SW	[illegible]	3	4.7	5.6	[illegible].5	2.7	9		3	7	[illegible]	2	2	6	[illegible]5	4		[illegible]0	30	0	0	3[illegible]	[illegible]7	[illegible]
February	SW	SW	[illegible]	2	5.9	6.3	[illegible]	[illegible]	3		2	[illegible]3	9	0	2	8	[illegible]0	8	0	[illegible]0	28	0	0	28	[illegible]4	0
March	SW	E/SE	[illegible]	3	3.5	5.3	0.6	0.5	[illegible]	2	8	6	4	0	3	[illegible]1	[illegible]4	3	0	0	3	0	0	31	8	0
April	NE/E	SE	[illegible]	2	5.8	6.3	3.2	3.7	0	6	3	[illegible]0	[illegible]	0	0	7	[illegible]5	8	0	0	30	0	0	30	3	0
May	NE	NE	3	3	5.0	5.5	4.6	4.5	5	3	7	5	[illegible]	2	2	9	[illegible]0	8	0	0	3	0	0	31	9	0
June	NE-SE	NE/SE	3	4	3.5	3.4	2.8	2.7	[illegible]0	3	7	5	5	[illegible]0	2	9	6	3	0	0	30	0	0	30	[illegible]	0
July	NE	SE	3	4	3.5	2.2	3.2	2.0	9	5	6	8	3	[illegible]0	9	8	4	0	0	0	3	0	0	31	[illegible]	0
August	NE-SE	SE	2	5	3.0	2.9	2.5	2.5	[illegible]3	3	5	7	3	9	4	3	5	0	0	[illegible]0	3	0	0	31	[illegible]	0
September	NE-SE	SE	2	4	2.0	[illegible].4	1.8	1.3	[illegible]8	2	5	4	[illegible]	[illegible]7	5	7	[illegible]	0	0	0	30	0	0	30	[illegible]	0
October	SE	SE	3	5	3.4	3.0	2.6	2.2	9	2	[illegible]3	4	3	[illegible]0	6	7	6	2	0	0	31	0	0	31	2	0
November	SE/SW	SE	2	4	3.8	4.6	3.5	4.5	6	6	9	2	7	3	2	2	[illegible]2	1	0	0	30	0	0	30	[illegible]3	0
December	SE	SE	[illegible]	3	4.2	5.7	3.4	5.3	4	6	9	7	5	[illegible]	0	9	[illegible]7	4	0	0	31	0	0	31	[illegible]6	0
Year	NE/SE	SE	2	4	4.0	4.3	[illegible]	[illegible]	97	40	77	78	73	64	37	[illegible]08	[illegible]5	4[illegible]	[illegible]	0	364	0	0	365	92	1

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions: two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles, Good = visibility 6¼ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT MTWARA POST OFFICE, IN 1951.

Latitude 10°17'S Longitude 40°11'E Altitude 110 feet. Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Dry Bulb		Dew Point														
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. / 2	Mean Range	0830	1430	Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	F	F	F	F	F		F		F	F	F	F	%	%	ins.	ins.	
January	-	-	80.8	84.3	76.6	78.5	89.0	10	70.0	6,21	86.3	73.8	80.1	12.5	86	82	10.65	3.71	26
February	-	-	81.4	85.4	77.5	79.5	91.0	1,21	70.0	12,15	88.3	72.5	80.4	15.8	88	83	3.94	1.10	7
March	-	-	82.3	85.0	78.5	-	93.0	4,7	70.0	5,11	88.9	73.2	81.1	15.6	88	-	4.07	0.98	19
April	-	-	81.9	84.0	77.6	79.0	92.0	7,11,12	70.0	29	88.3	72.4	80.3	15.9	87	85	8.00	1.60	26
May	-	-	79.9	84.8	74.6	77.0	88.5	Often	65.0	31	87.2	70.5	78.9	16.6	84	78	0.96	0.57	13
June	-	-	75.9	83.6	71.5	75.5	90.0	4	65.0	1,14	86.1	66.8	76.5	19.3	87	77	0.67	0.57	26
July	-	-	76.1	82.4	68.4	76.2	88.0	30	60.0	25,26	85.0	66.0	76.0	20.0	77	82	0.04	0.04	15
August	-	-	77.1	83.8	69.1	70.5	89.5	13	62.0	3	86.6	66.0	76.3	20.6	76	65	0.11	0.06	21
September	-	-	79.5	83.2	71.6	73.4	91.0	26	63.0	26	85.7	66.4	76.1	19.3	77	73	3.74	3.59	20
October	-	-	81.1	85.0	74.6	75.5	88.5	21,24	65.0	2	86.6	69.3	77.9	17.3	81	74	0.58	0.27	13
November	-	-	82.3	84.7	74.6	74.0	91.0	14	69.0	3	87.7	72.9	80.3	14.9	78	71	4.03	1.50	4
December	-	-	82.9	86.0	74.7	74.7	91.0	Often	70.5	30	88.4	73.5	80.9	15.0	77	69	4.32	1.63	29
Year	-	-	80.1	84.3	74.1	-	93.0	March 4,7	60.0	July 25,26	87.2	70.3	78.7	16.9	82	-	41.11	3.71	Jan. 26

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.															Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430						0830			1430			Ra. (4)	Thunder
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good		
			knots	knots																						
January	NW	NW	3	6	5.2	4.0	5.0	3.7	0	3	12	15	1	0	7	12	7	0	0	0	31	0	0	26	11	0
February	S/NW	NE	2	3	3.4	3.3	3.2	3.3	0	10	14	4	0	0	7	15	1	0	0	0	28	0	0	23	13	0
March	SW	NE	2	3	3.1	2.9	3.1	2.9	0	11	15	2	0	0	8	11	1	0	0	0	28	0	0	20	9	0
April	SE/SW	NE	3	5	3.1	3.7	3.1	3.7	0	12	16	2	0	0	6	16	3	0	0	0	30	0	0	25	16	0
May	SE-SW	NE/SE	5	5	2.5	3.3	1.6	2.8	0	17	13	1	0	0	7	16	3	0	0	0	31	0	0	26	3	0
June	SE-SW	SE	5	4	2.6	2.8	2.6	2.8	0	19	8	3	0	0	13	10	3	0	0	0	30	0	0	26	2	0
July	SE-SW	SE	7	8	2.3	2.5	2.3	2.5	0	20	9	2	0	0	15	14	0	0	0	0	31	0	0	29	1	0
August	SE/S	NE-SE	5	8	2.2	2.9	1.6	2.5	0	21	9	1	0	0	13	15	3	0	0	0	31	0	0	31	2	0
September	NE/SE	NE	3	7	2.8	2.8	2.8	2.7	0	11	17	2	0	0	15	12	3	0	0	0	30	0	0	30	2	0
October	NE/E	NE	5	8	4.0	1.6	3.9	1.6	0	3	24	4	0	0	27	4	0	0	0	0	31	0	0	31	3	0
November	NE	NE	6	12	3.0	2.5	2.8	2.1	0	14	12	3	1	0	22	3	3	2	0	0	30	0	2	28	8	0
December	N/E	NE	6	11	2.5	2.0	2.2	1.8	0	15	9	1	0	0	19	5	2	0	0	0	25	0	0	26	9	0
Year	SE-SW	NE	4	7	3.1	2.9	2.9	2.7	0	156	158	40	2	0	159	133	29	2	0	0	356	0	2	321	79	0

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions: two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles; Good = Visibility 6½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT MUSOMA IN 1965.

Latitude 01° 30 S Longitude 33° 46 E Altitude 3767 feet Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1) 0830	Atmospheric Pressure (1) 1430	Temperature Dry Bulb 0830	Temperature Dry Bulb 1430	Temperature Dew Point 0830	Temperature Dew Point 1430	Extremes of Temperature Max.	Date	Min.	Date	Mean Max.	Mean Min	Max. + Min. 2	Mean Range	Relative Humidity 0830	Relative Humidity 1430	Rainfall Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	Ins.	Ins.	
January	886.2	884.8	70.9	79.8	62.5	64.1	88.0	2, 3	63.0	17	82.5	67.5	75.0	15.0	75	59	2.45	0.94	16
February	887.7	884.9	69.4	79.5	62.5	62.8	87.5	1	62.0	13	81.7	66.2	73.9	15.5	80	57	2.62	0.42	18
March	886.2	884.4	71.7	80.6	62.5	63.7	91.7	21	62.0	9	83.7	67.8	75.7	15.9	73	57	5.46	2.41	30
April	888.2	886.2	68.9	76.2	63.7	65.5	86.0	8	61.0	20	78.6	63.6	71.1	15.0	84	70	6.71	1.68	17
May	888.4	886.3	69.0	80.7	63.0	64.6	85.0	4	60.0	21	82.5	63.2	72.9	19.3	82	58	4.50	0.86	16
June	889.3	887.5	68.4	78.9	60.5	62.7	84.5	20	60.0	18	81.5	62.4	71.9	19.1	75	58	1.93	1.06	5
July	889.3	887.5	66.9	79.7	57.9	60.9	85.0	8,18	57.0	14	81.8	61.5	71.7	20.4	73	53	0.12	0.09	1
August	888.5	886.8	68.9	79.8	57.0	61.2	89.5	30	62.0	5,7,11	83.6	64.7	74.1	18.9	66	54	0.30	0.13	28
September	888.0	885.9	71.2	80.3	58.9	64.0	89.0	14,15	62.0	15	84.9	66.4	75.7	18.3	65	58	1.35	0.59	25
October	887.6	885.0	71.4	81.0	62.3	65.0	88.0	9,12	61.0	6	83.7	66.4	75.1	17.3	73	59	4.14	1.29	6
November	887.8	884.9	70.9	78.[illegible]	65.1	66.3	86.0	30	63.0	11	81.8	66.3	74.1	15.5	82	67	2.49	0.55	18
December	888.4	886.2	69.4	74.2	65.4	66.5	83.0	1, 5	63.0	6,22,26	78.1	65.5	71.8	12.7	87	77	5.28	1.10	21
Year	888.1	885.9	69.7	79.1	61.7	63.9	91.7	March 21	57.0	July 14	82.0	65.1	73.6	16.9	76	61	37.37	2.41	March 30

Month	Prevailing Wind Direction (2) 0830	Prevailing Wind Direction (2) 1430	Mean Wind Speed 0830	Mean Wind Speed 1430	Cloud Amount (eights) and Frequency of Total Cloud: Total 0830	Total 1430	Low 0830	Low 1430	0830: 0	1-2	3-5	6-7	8	1430: 0	1-2	3-5	6-7	8	Frequency of Visibility (3) 0830: Fog	Mist or Haze	Good	1430: Fog	Mist or Haze	Good	No. of days of Rain (4)	Thunder
			Knots	Knots																						
January	SE	NW	2	2	5.9	5.4	3.8	3.0	0	0	19	5	7	0	0	25	4	2	0	0	31	0	0	31	11	5
February	SE	NW	2	2	6.1	5.2	1.2	0.8	0	1	11	10	6	0	0	21	7	0	0	0	28	0	0	28	15	10
March	SE	NW	2	3	5.5	5.8	0.7	0.7	1	1	15	7	7	0	0	13	17	1	0	0	31	0	0	31	15	7
April	SE	NW	2	2	6.5	6.0	3.8	3.3	0	0	9	12	9	0	0	15	11	4	0	1	29	0	0	30	15	15
May	SE	SE/NW	2	2	5.4	5.1	0.6	0.2	0	1	20	7	3	0	0	28	3	0	0	0	31	0	0	31	13	8
June	SE	NW	2	2	5.5	5.6	1.1	0.6	0	0	19	9	2	0	0	20	7	3	0	0	30	0	0	30	7	4
July	SE	NW	2	3	4.9	5.2	1.5	1.4	0	0	26	5	0	0	0	24	7	0	0	0	31	0	0	31	2	5
August	SE	NW	2	2	5.1	5.3	2.4	2.5	0	1	20	10	0	0	0	22	9	0	0	0	31	0	0	31	3	4
September	SE	NW	2	2	5.6	5.5	3.4	3.0	0	0	14	12	0	0	0	15	10	0	0	0	26	0	0	25	4	5
October	SE	NW	2	3	5.4	5.6	3.2	3.3	0	0	23	6	2	0	0	17	14	0	0	0	31	0	0	31	11	11
November	SE	NW	2	3	5.7	5.8	3.8	3.7	0	0	16	12	2	0	0	13	15	2	0	0	30	0	0	30	14	11
December	SE	NW	2	3	6.5	6.3	4.4	3.9	0	0	7	16	8	0	0	9	18	4	0	1	30	0	1	30	25	13
Year	SE	NW	2	2	5.7	5.6	2.5	2.2	1	4	199	113	46	0	0	222	122	16	0	2	359	0	1	359	135	98

Note: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions: two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles; Good = visibility 6½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

Latitude 02° 28'S Longitude 32° 55'E Altitude 3740 feet Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Dry Bulb		Dew Point						Mean			Mean					
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Max.	Mean Min.	Max. + Min. / 2	Range	0830	1430	Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January			69.7	76.5	64.0	64.[illegible]	87.9	1	59.5	24	81.5	64.7	73.1	16.8	82	62	3.07	1.54	13
February			69.	76.9	62.3	63.9	87.0	6	61.5	4	81.0	64.7	72.9	16.3	79	65	3.3	1.07	18
March			70.2	80.8	63.8	65.6	89.9	7	62.0	5,6,30	83.0	65.4	74.2	17.6	80	61	10.76	4.40	29
April			69.7	75.3	65.4	67.1	88.0	17	63.0	5,6,15	80.0	64.5	72.3	15.5	86	76	7.20	2.28	23
May			70.1	80.5	63.2	65.9	84.0	13,15	62.5	often	82.0	63.9	72.9	18.0	78	61	1.97	0.76	15
June			67.9	80.8	56.6	61.2	88.5	3	55.5	2	82.3	61.6	71.9	20.7	73	52	1.53	0.96	28
July			66.7	80.3	56.7	61.5	85.5	22.29	51.5	13	82.1	59.6	70.9	22.5	71	53	1.23	1.23	24
August			68.5	81.2	56.6	61.8	87.0	29	58.0	26	83.6	61.8	72.7	21.8	66	52	0.85	0.85	20
September			72.8	83.0	60.6	62.2	89.0	6	60.0	23	85.0	63.7	74.3	21.3	66	50	1.79	1.43	30
October			74.1	81.9	63.7	67.5	88.0	8	61.0	1, 2	84.0	65.7	74.9	18.2	70	62	1.34	0.53	13
November			71.5	78.1	66.5	70.7	88.5	1	59.0	3	80.7	64.6	72.7	16.1	84	78	6.63	2.14	9
December			69.7	73.7	66.5	68.6	84.0	15	62.0	15	77.5	64.7	71.1	12.8	90	84	12.85	1.92	14
Year			70.0	79.3	62.3	65.0	89.9	March 7	51.5	July 13	81.9	63.7	72.8	18.1	77	63	52.53	4.40	March 29

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eights) and Frequency of Total Cloud													Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430				0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			Knots	Knots																						
January	SE	NW	5	7	6.4	6.2	3.0	3.2	0	0	8	4	9	0	0	10	15	6	0		30	0	[illegible]	30	6	9
February	SE	NW	4	6	6.3	5.5	4.2	3.7	0		5	8	4	0	0	6	10	2	0	0	28	0	2	26	9	8
March	SE	NW	5	8	6.0	5.2	3.7	3.0	0		10	2	18	0		7	2		0	3	28	0	0	3	10	7
April	SE	NW	6	7	5.8	6.4	3.7	4.4	0	3	4	15	8	0	0	4	23	3	0	2	28	0	2	28	15	9
May	SE	SE/NW	9	9	4.8	5.8	2.5	4.2	0	2	[illegible]	10	4	0	0	9	22	0	0		30	0	0	31	13	3
June	SE	NW	9	10	4.3	4.6	3.0	2.5		9	9	10		0	6	6	8	0	0	0	30	0	0	30	5	3
July	SE	NW	7	11	3.0	4.[illegible]	0.5	2.2	3	14	6			0	[illegible]	7	6		0	[illegible]	30	0	0	31	1	3
August	SE	NW	[illegible]	3	3.3	3.8	0.4	1.6	6	9	8	5	3	2	2	7	8	2	0	0	31	0	0	31	1	2
September	SE	NW	2	6	4.3	4.9	1.4	2.2	0	8	3	6	3	0	4	4	9	3	0	2	28	0	0	30	3	5
October	SE	NW	8	11	5.5	6.3	2.1	3.3	0	2	3	12	4	0	0	6	23	2	0	4	27	0	1	30	8	11
November	SE	NW	4	9	6.5	6.2	4.1	3.6	0	0	7	13	10	0	0	6	19	3	0	4	26	0	0	30	19	8
December	SE	NW	4	8	6.8	6.4	4.2	4.0	0	0	4	5	12	0	0	6	19	6		0	30	0	4	27	26	11
Year	SE	NW	7	9	5.3	5.5	2.7	3.1	10	53	98	137	67	2	30	130	174	29		8	346	0	10	355	116	79

Notes: (1) Pressure is given at station level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions; two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards, Mist or Haze = visibility 1100 yards to 6 miles; Good = visibility 6¼ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT NACHINGWEA IN 1951.

Latitude 10°20'S Longitude 38°45'E Altitude 1200 feet. Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1) 0830	Atmospheric Pressure (1) 1430	Temperature Dry Bulb 0830	Temperature Dry Bulb 1430	Temperature Dew Point 0830	Temperature Dew Point 1430	Extremes of Temperature Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. / 2	Mean Range	Relative Humidity 0830	Relative Humidity 1430	Rainfall Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	74.5	84.6	69.7	69.9	93.0	6	66.6	17	87.0	70.6	78.8	16.4	85	62	5.40	1.13	16
February	-	-	73.7	82.0	69.9	70.7	-	-	66.0	10,15,16	-	68.7	-	-	88	69	7.55	1.15	27
March	-	-	74.8	84.1	71.0	71.3	90.0	18	67.0	3,4,5	87.2	69.2	78.2	17.7	89	66	5.04	1.09	24,31
April	-	-	72.8	83.8	69.9	69.9	89.5	1	65.0	12,14,15	86.1	68.0	77.1	18.1	91	63	1.56	0.61	12
May	-	-	70.5	81.9	66.3	65.4	87.0	2	54.0	27	83.7	61.8	72.7	21.9	87	58	1.89	1.21	2
June	-	-	67.0	80.4	62.0	60.1	86.0	4,7	57.0	14	83.1	60.5	71.8	22.6	84	51	0.02	0.02	11
July	-	-	66.5	81.0	59.9	56.1	85.5	25,29	54.0	28	83.1	59.4	71.3	23.7	79	43	0.02	0.02	2
August	-	-	68.9	83.5	62.1	58.5	88.2	18	57.0	5,6,7	85.8	61.2	73.5	24.6	79	43	0.02	0.01	21,26
September	-	-	71.9	85.8	63.5	60.7	92.2	28,29	60.0	1,8,17	89.0	63.0	76.0	26.0	75	43	0.00	0.00	-
October	-	-	75.0	89.1	65.7	63.6	96.0	9	62.0	5	92.0	66.9	79.5	25.2	74	43	0.08	0.05	13
November	-	-	76.3	85.3	69.3	68.9	95.0	2,3,4	64.0	22	90.4	68.8	79.6	21.6	79	59	6.88	1.79	4
December	-	-	76.0	86.5	70.6	70.2	93.5	8,18	63.0	7	89.6	69.7	79.7	19.9	84	59	9.26	4.85	16
Year	-	-	72.3	84.0	66.7	65.4	-	-	54.0	May 27 July 28	-	65.7	-	-	83	55	37.72	4.85	Dec. 16

Month	Prevailing Wind Direction (2) 0830	Prevailing Wind Direction (2) 1430	Mean Wind Speed 0830	Mean Wind Speed 1430	Cloud Amount (eighths) and Frequency of Total Cloud. Total 0830	Total 1430	Low 0830	Low 1430	0830 0	1-2	3-5	6-7	8	1430 0	1-2	3-5	6-7	8	Frequency of Visibility (3) 0830 Fog	Mist or Haze	Good	1430 Fog	Mist or Haze	Good	No. of days of Rain (4)	Thunder
			knots	knots																						
January	N	N	5	5	6.6	6.5	5.3	5.0	0	0	6	13	12	0	0	5	21	5	0	1	30	0	1	30	14	10
February	S/N	E/S	3	3	7.6	7.4	7.3	6.9	0	0	1	8	19	0	0	0	12	16	0	0	28	0	0	28	16	8
March	S	S	2	2	6.7	7.0	6.5	6.8	0	0	5	15	11	0	0	3	16	12	0	0	31	0	0	31	11	5
April	S	S	3	4	6.5	6.1	6.2	5.3	0	1	7	9	13	0	0	6	19	3	1	2	27	0	0	30	8	1
May	S	S-W	4	7	3.3	5.5	2.8	5.3	2	12	11	3	3	0	2	14	11	4	0	1	30	0	0	31	5	0
June	S-W	S-W	5	7	4.2	5.8	3.9	5.6	6	6	6	5	7	1	0	11	11	7	0	3	27	0	0	30	1	0
July	S/SW	SW	5	8	2.7	5.5	2.4	4.5	8	10	7	3	3	3	2	4	14	8	1	0	30	0	0	31	1	0
August	SE/S	SE/S	4	7	4.2	7.2	3.8	6.7	3	7	11	3	7	0	0	1	15	15	0	0	31	0	0	31	2	0
September	SE/S	SE/S	6	6	4.9	6.6	4.8	6.2	2	4	8	10	6	0	2	1	16	11	0	0	30	0	0	30	-	0
October	SE	SE	5	6	6.2	6.5	6.0	6.5	0	4	4	12	11	0	0	4	17	10	0	0	31	0	0	31	2	0
November	E-S	E-S	5	5	6.5	7.0	6.1	6.2	1	1	6	9	13	0	0	0	20	10	0	1	29	0	2	28	13	0
December	E-S	E-S	5	5	7.5	7.1	6.6	6.1	0	0	0	13	18	0	0	2	15	14	0	0	31	0	0	31	12	0
Year	S	S	4	5	5.6	6.5	5.1	5.9	22	45	72	103	123	4	6	53	187	115	2	8	355	0	3	362	85	24

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions; two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles; Good = Visibility 6¼ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT NUMBE IN 1951.

Latitude 9°25'S Longitude 34°45'E Altitude 6200 feet. Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature							Mean Range	Relative Humidity		Rainfall		
			Dry Bulb		Dew Point														
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. / 2		0830	1430	Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	56.3	69.2	54.8	58.1	77.5	14	51.0	2,3,13	72.8	54.2	63.5	18.6	95	68	14.22	1.92	3
February	-	-	56.2	66.9	54.8	57.3	79.0	15	52.5	2	71.7	54.4	63.1	17.3	95	72	9.30	1.64	1
March	-	-	56.9	71.2	55.9	58.7	77.5	7	51.0	7,23	73.8	54.3	64.1	19.5	97	65	8.84	1.56	28
April	-	-	55.8	68.9	54.8	57.8	76.0	8,12	50.0	13,14	71.9	53.9	62.9	17.9	96	68	10.00	2.40	4
May	-	-	52.8	65.2	51.5	52.3	71.5	18	41.0	31	68.2	50.3	59.3	18.0	96	63	1.18	0.40	16
June	-	-	48.1	63.3	47.0	48.9	72.0	6	38.0	3	65.7	45.1	55.4	20.6	95	60	0.02	0.02	26
July	-	-	48.2	64.6	44.5	46.5	77.1	26	36.0	14	66.9	44.1	55.5	22.8	87	52	0.00	0.00	-
August	-	-	49.2	63.2	47.0	46.5	75.0	11	39.0	3	66.3	46.5	56.4	19.8	91	55	0.04	0.04	28
September	-	-	51.8	69.1	50.4	48.5	78.0	6	44.0	6	72.1	48.8	60.5	23.3	95	48	0.00	0.00	-
October	-	-	57.3	73.2	53.2	50.2	79.3	25	46.0	3	74.9	53.2	64.1	21.7	86	45	0.32	0.30	12
November	-	-	61.9	72.8	57.0	54.6	81.5	7	50.0	11	75.5	55.3	65.4	20.2	84	53	6.26	2.31	27
December	-	-	62.2	70.4	58.6	58.5	79.0	26	52.0	13	73.7	56.2	64.9	17.5	88	66	6.40	1.65	21
Year	-	-	54.7	68.2	52.5	53.2	81.5	Nov. 7	36.0	July 14	71.1	51.4	61.3	19.8	92	60	56.58	2.40	April 4

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud															Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430						0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8		Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			knots	knots																							
January	SE	SE	2	5	4.1	6.5	3.1	5.5	10	1	5	12	3	1	0	2	25	3		0	24	7	0	6	25	25	0
February	SE	SE	2	4	2.4	6.4	1.6	4.8	18	0	1	9	0	2	0	0	21	5		0	24	4	0	12	16	26	0
March	SE	SE	2	3	1.4	5.5	1.1	4.6	22	1	4	4	0	1	1	5	23	1		0	22	9	0	3	28	19	0
April	SE	SE	2	3	1.2	6.2	0.8	4.6	22	0	5	3	0	1	0	4	24	1		0	22	8	0	5	25	18	0
May	SE	SE	3	5	1.8	4.7	1.3	4.1	19	1	3	5	1	2	3	10	13	1		0	21	8	0	3	26	8	0
June	SE	SE	3	4	1.5	5.5	1.3	4.3	17	2	10	1	0	2	0	10	15	3		0	13	17	0	1	29	1	0
July	SE	SE	3	5	1.3	4.6	0.9	4.0	15	5	1	3	0	0	6	8	8	3		0	5	19	0	1	24	-	0
August	SE	SE	2	4	1.4	5.3	1.0	4.5	22	0	5	4	0	2	3	6	16	4		0	21	10	0	4	27	1	0
September	SE	SE	2	5	0.8	3.9	0.7	3.3	24	2	2	2	0	1	10	8	8	3		0	23	7	0	2	28	0	0
October	SE	SE	3	5	4.3	3.4	3.1	2.4	11	1	1	12	6	2	9	14	6	0		6	19	6	0	4	27	3	1
November	SE	SE	2	3	6.0	5.5	4.4	3.8	1	4	2	15	8	0	2	10	16	2		7	16	7	4	11	15	15	2
December	SE	SE	3	3	6.1	5.9	5.0	3.5	2	1	6	10	12	2	1	5	15	8		1	19	11	0	13	18	16	1
Year	SE	SE	2	4	2.7	5.3	2.0	4.1	183	18	45	80	30	16	35	82	190	34		14	229	113	4	65	288	132	4

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions: two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles; Good = Visibility 6½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT SAO HILL IN 1951.

Latitude 08° 20'S Longitude 35° 12'E Altitude 6500 feet Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Dry Bulb		Dew Point						Mean Max.	Mean Min.	Max. + Min. / 2	Mean Range				Max. Fall in 24 hrs.	
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date					0830	1430	Total		Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	..	..	60.2	66.5	57..	57.1	..	..	53.0	8	..	54.2	..	..	90	72	6.16	0.92	16
February	..	..	59.0	66..	56.5	56.6	..	..	52.0	16		54.4	..	..	92	72	7.73	1.17	5
March	..	..	60.5	69.6	57.6	56.5	79.0	6	51.0	3	75.0	54.2	64.6	21.3	91	63	9.30	1.86	12
April	..	..	59.5	67.2	56.4	56.6	..	..	5..5	23	..	54.2		..	90	70	7.99	2.07	26
May	..	..	56.1	65.1	52.5	51.3	–	..	43.5	31	..	50.1	.	.	88	61	0.17	0.06	4
June	..	..	53.4	64.2	48.8	47.9	74.5	9	40.8	2	67.0	47.2	57.1	19.9	85	56	0.03	0.02	27
July	..	..	53.5	65.6	45.7	42.8	76.0	26	38.0	19	67.7	44.8	56.3	23.1	75	44	0.03	0.02	3
August	..	..	54.2	65.7	48.0	44.0	74.0	19	41.0	8	67.6	46.6	57.1	21.1	80	46	0.00	0.00	.
September	..	..	58.7	70.9	49.5	47.0	79.9	5	47.0	7,19	73.8	49.2	61.5	24.6	7.	43	0.03	0.02	3
October	..	..	61.5	73.4	50.9	47.5	80.8	23	46.0	3	75.9	51.9	63.9	23.8	68	40	0.38	0.25	14
November	..	..	64.3	72.8	54.6	54.5	80.0	often	52.5	1	75.9	54.5	65.2	21.3	71	53	3.37	..44	30
December	..	..	61.3	66.2	58.3	58.7	76.0	26	53.0	19	70..	55.4	62.7	15.0	90	77	8.57	2.05	21
Year			58.5	67.8	53.0	51.7	..	..	38.0	July 19		51.5		..	83	58	43.76	2.07	April 26

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud															Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430						0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8		Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			Knots	Knots																							
January	SE/NW	W/NW	2	3	7.1	6.7	2.8	4.1	0	1	1	14	15	0	1	3	18	8		2	0	29	0	0	30	24	20
February	SE	NW	3	3	7.3	7.0	2.3	5.0	0	0	1	2	15	0	0	1	12	8		0	0	28		0	25	23	7
March	SE	SE	7	4	5.4	6.3	3.3	4.7	0	5	10	8	8	0	0	7	15	6		1	0	30	0	1	27	21	12
April	SE	SE	6	4	6.9	6.6	4.6	5.1	0	0	3	15	9	0	0	5	15	6		0	1	26	0	0	26	19	8
May	SE	SE	13	8	5.3	4.9	4.8	4.1	0	3	8	14	3	0	2	2	11	0		0	1	27	0	0	25	7	0
June	SE	SE	6	5	5.1	5.	4.3	4.0	0	6	9	10	5	0	3	12	12	2		2	0	28	0	0	29	2	0
July	SE	SE	3	6	3.3	2.9	3.1	2.3	5	4	7	7	0	2	9	6	3	1		0	1	22	0	0	21	2	0
August	SE	SE	10	7	5.0	4.3	4.4	3.1	1	6	7	11	6	0	6	5	6	2		0	0	31	0	0	29	–	0
September	SE	SE	9	6	3.2	4.0	2.2	3.4	3	13	6	6	2	0	10	7	10	1		0	1	29	0	1	27	2	1
October	E/SE	SE	10	7	4.8	4.4	1.8	2.4	0	10	7	5	8	0	8	11	5	5		0	1	29	0	0	29	3	3
November	E/SE	SE	7	5	6.3	6.	3.5	4.9	0	2	2	12	6	0	0	6	9	3		0	2	20	0	0	18	12	4
December	E/NW	NW	5	4	6.7	7.1	5.3	5.3	0	0	3	6	6	0	0	1	3	6		0	1	14	0	0	10	17	5
Year	SE	SE	7	5	5.5	5.5	3.5	4.1	9	50	64	120	83	2	39	86	124	48		5	8	313	1	2	296	132	60

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidus (/) mean that these were these two predominant directions: two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles: Good = visibility 6½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls

Latitude 10° 4' S Longitude 35° 40' E Altitude 3783 feet Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Dry Bulb		Dew Point														
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. / 2	Mean Range	0830	1430	Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	888.6	885.8	67.7	76.9	64.0	63.3	85.2	22	59.0	20	79.4	63.4	7[illegible].4	6.0	86	63	0.63	2.5[illegible]	5
February	889.3	886.5	66.5	74.2	63.8	64.0	83.4	22	60.2	6	78.0	63.0	70.5	15.0	92	7[illegible]	[illegible].56	[illegible].27	8
March	889.4	886.7	66.7	76.6	65.[illegible]	65.0	84.2	9	60.4	12	79.[illegible]	63.6	7[illegible].3	15.5	88	67	0.67	2.47	[illegible]
April	890.7	888.4	67.7	76.2	63.8	63.3	82.7	3	57.0	23	78.3	62.5	70.4	15.8	88	65	4.83	[illegible].40	8
May	893.0	890.9	65.1	74.0	58.8	58.5	79.5	28	51.4	27	75.7	58.4	67.[illegible]	17.3	80	59	[illegible].58	[illegible].08	3
June	894.[illegible]	892.5	61.[illegible]	69.7	54.4	54.[illegible]	80.0	10	49.0	15	7[illegible].9	54.6	63.3	17.3	79	58	0.00	0.00	[illegible]
July	894.5	892.8	60.3	70.6	51.3	50.8	8[illegible].2	26	47.0	24	72.4	53.2	62.8	19.2	72	50	0.00	0.00	[illegible]
August	894.2	892.5	61.3	72.2	53.6	51.7	79.8	17	49.[illegible]	8	74.[illegible]	56.5	65.3	17.6	76	49	0.05	0.05	24
September	892.9	890.6	64.0	77.9	56.[illegible]	52.5	85.0	6	52.4	10	79.6	59.3	69.5	20.3	76	42	0.00	0.00	[illegible]
October	89[illegible].9	888.7	69.3	82.4	57.5	55.0	87.3	25,26	60.0	2	83.9	63.3	73.6	20.6	67	38	0.00	0.00	[illegible]
November	890.6	887.8	70.5	79.9	62.6	60.4	89.0	28	6[illegible]	20	82.3	65.0	73.7	17.3	76	52	2.78	.37	12
December	890.3	887.5	69.[illegible]	77.6	64.7	64.3	85.0	3	63.4	19	79.9	65.[illegible]	72.5	14.8	86	64	[illegible].2	[illegible].9	14
Year	89[illegible].6	889.2	65.9	75.7	59.6	58.6	89.0	Nov. 28	47.0	July 24	77.9	60.7	69.3	17.2	8[illegible]	57	49.22	2.5	Jan. 5

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eights) and Frequency of Total Cloud														Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430					0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			Knots	Knots																						
January	NE	SW	3	5	7.5	7.2	5.3	6.0	0	0	0	13	18	0	0	[illegible]	9	[illegible]	0		30	0	0	3	20	22
February	E/SE	E/W	3	5	7.6	7.0	5.5	6.3	0	0	0	9	9	0	0	[illegible]	9	8	0	2	26	0	0	28	22	16
March	NE	E/SE	4	5	6.5	6.7	5.5	6.2	0	2	4	[illegible]	14	0	0	3	20	8	0	0	3	0	0	31	18	17
April	NE-SE	SE	3	7	6.0	6.9	4.9	6.2	0	3	5	3	9	0	0		23	6	0	[illegible]	29	0	2	28	10	3
May	SE	SE	7	6	4.5	6.5	4.0	6.3	0	8	9	6	8	0	0	4	23	4	0	0	3	0	0	31	4	[illegible]
June	SE	SE	6	7	4.7	6.5	4.1	6.5	[illegible]	8	5	9	7	0	[illegible]	5	16	8	0	0	30	0	0	30	[illegible]	0
July	SE	SE	6	7	3.6	5.5	3.4	5.5	6	10	[illegible]	8	6	3	4[illegible]	2	6	6	0	0	31	0	0	3	[illegible]	0
August	NE-SE	NE-SE	7	7	5.7	6.3	4.9	6.[illegible]	0	5	5	[illegible]	10	0	0	7	8	6	0	0	31	0	0	31	[illegible]	0
September	NE	NE-SE	6	7	4.7	5.5	4.2	5.3	6	2	6	7	9	0	3	7	8	2	0	0	30	0	0	30	[illegible]	0
October	NE	NE-SE	9	10	3.5	5.6	3.0	5.6	[illegible]	13	9	4	4	0	2	8	21	0	0	0	31	0	0	31	[illegible]	0
November	NE	NE-SE	7	8	6.4	6.6	5.6	5.8	0	2	6	9	13	0	[illegible]	2	21	6	0	0	30	0	0	30	9	8
December	NE	NE	5	7	7.3	6.9	6.7	6.1	0	0	[illegible]	3	27	0	0	3	14	14	0	0	31	0	0	31	20	14
Year	NE/SE	NE-SE	5	7	5.7	6.4	4.7	6.0	14	53	5[illegible]	103	144	3	17	44	228	79	0	4	361	0	2	363	104	81

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions: two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards: Mist or Haze = visibility 1100 yards to 6 miles: Good = visibility 6½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT TABORA IN 1951.

Latitude 05° 02'S Longitude 32° 49'E Altitude 4151 feet Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature							Relative Humidity		Rainfall		
			Dry Bulb		Dew Point													
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. / 2	Mean Range	0830	1430	Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	874.9	872.6	65.7	77.0	62.5	63.5	85.3	2	5[illegible].8	23	79.3	62.0	70.7	7.4	90	64	8.9	1.67	4
February	875.3	872.7	65.3	76.3	62.[illegible]	62.7	84.5	4	59.3	25	79.4	61.9	70.7	17.5	90	63	4.6[illegible]	0.86	18
March	874.6	872.0	67.4	81.[illegible]	62.5	62.6	86.6	7, 9	6[illegible].3	4, 27	82.8	63.1	72.9	19.[illegible]	85	54	7.8[illegible]	2.21	26
April	876.2	873.4	65.7	76.7	63.9	64.2	83.	4	60.0	19	79.7	62.4	71.[illegible]	17.3	94	65	12.90	1.70	29
May	876.6	874.8	66.3	79.4	59.3	59.3	83.8	25	58.3	27	80.9	60.3	70.6	20.5	78	5[illegible]	0.66	0.65	9
June	877.5	875.6	63.6	79.8	54.5	55.4	85.[illegible]	28	53.2	2	81.0	56.2	69.6	22.9	72	43	0.00	0.00	-
July	877.4	875.5	62.4	80.7	51.6	51.9	86.4	26	52.7	9	82.1	57.5	69.8	24.6	68	37	0.00	0.00	-
August	877.2	874.8	64.5	82.4	52.8	52.8	87.8	24	55.8	7	84.4	60.6	72.5	23.7	66	36	0.19	0.19	8
September	876.4	873.5	69.2	86.4	55.3	53.9	93.2	6	61.4	9	88.6	64.3	76.5	24.3	62	33	0.05	0.05	24
October	875.7	872.2	72.[illegible]	87.7	56.5	54.2	93.5	8	60.5	5	90.0	67.2	78.6	22.8	58	32	1.08	1.00	11
November	875.8	872.3	70.3	81.7	62.7	61.4	91.3	4	61.8	29	85.1	65.6	75.3	19.5	77	50	5.84	1.06	28
December	876.3	873.5	66.2	75.7	64.[illegible]	64.7	84.4	9	61.4	6, 22	79.0	63.8	71.4	15.2	93	69	9.03	1.42	7
Year	876.2	873.6	66.6	80.4	59.0	58.9	93.5	Oct. 8	52.7	July 9	82.7	62.2	72.5	20.5	78	50	51.08	2.2[illegible]	March 26

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eights) and Frequency of Total Cloud															Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430						0830			1430			Rain (4)	Thunder
	0830	1430	0830	1430	0830	1430	0830	1430	0	1 2	3 5	6 7	8	0	1 2	3 5	6 7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good		
			Knots	Knots																							
January	S	S	5	4	6.5	6.3	3.3	3.6	0		5	5	20	0		7	2	1	0	0	3	0	0	3	7	15
February	E	E	4	6	6.[illegible]	6.[illegible]	2.4	5.0	0	3	5	7	13	0	0	9	8	1[illegible]	0	0	28	0	0	28	3	3
March	ESE	NE SE	6	8	4.9	4.4	1.8	3.3	0	6	0	6	9	0	7	2	0	2	0		30	0	0	3[illegible]	14	9
April	ENE-S	SE SW	2	6	6.6	6.4	3.5	5.0	0	0	8	2	20	0	0	6	3	1[illegible]	[illegible]	0	29	0	[illegible]	29	22	16
May	ESE	E-SE	4	1[illegible]	3.0	5.2	1.0	4.8	0	3	4	3	[illegible]	0	[illegible]	6	0	4	0	0	3[illegible]	0	0	3[illegible]	2	[illegible]
June	ESE	ENE S	4	9	3.[illegible]	3.9	0.3	2.8	[illegible]	6	7	3	3	0	10	10	5	5	0	0	30	0	0	30	[illegible]	
July	ESE	E-S	5	9	1.2	2.2	0.[illegible]	1.9	2	3	4	2	0	8	2	10	0	1	0	0	3[illegible]	0	0	3[illegible]	[illegible]	0
August	E/ESE	SE S	[illegible]	9	1.4	2.9	0.[illegible]	1.9	5	9	3	4	0	3	5	8	3	2	0	0	3[illegible]	0	0	3[illegible]	[illegible]	0
September	E/ESE	ESE/SE	6	9	2.2	4.[illegible]	0.7	3.3	11	10	2	4	3	0	9	11	8	2	0	0	30	0	0	30	[illegible]	0
October	E/ESE	E SSE	4	8	3.6	5.2	0.6	3.5	2	1[illegible]	8	5	5	0	3	12	2	4	0	0	31	0	0	3[illegible]	5	[illegible]
November	E/ESE	NE/SE	6	5	5.9	5.8	3.4	4.6	0	2	9	6	3	0	0	10	20	0	0	0	30	0	0	30	21	3
December	ENE S	NE	3	5	6.8	6.0	5.2	4.7	0		3	4	23	0	0	1[illegible]	6	14	0	2	29	0	1	30	24	15
Year	E/ESE	NE SE	10	7	4.3	4.9	1.9	3.7	41	85	78	6[illegible]	100	11	58	122	107	67	[illegible]	3	361	0	2	363	120	74

Notes:
(1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions; two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards, Mist or Haze = visibility 1100 yards to 6 miles; Good = visibility 6½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

Latitude 05° 05 S Longitude 39° 04 E Altitude 175 feet Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Dry Bulb		Dew Point														
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. / 2	Mean Range	0830	1430	Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	..	..	80.9	86.2	72.8	73.0	91.5	19	69.3	12	88.6	73.5	8[illegible]	15.1	77	65	0.11	0.07	15
February	..	..	81.5	88.0	76.8	77.1	93.0	7	71.8	1	89.9	74.4	82.1	15.5	86	70	1.92	1.20	15
March	..	..	82.9	90.1	76.7	76.4	93.5	18	71.5	3	91.2	74.6	82.9	16.6	82	65	1.69	0.77	31
April	..	..	80.4	85.7	75.6	76.7	93.0	6	71.0	29	87.0	73.9	80.5	13.1	86	80	7.28	1.31	6
May	..	..	78.1	82.6	73.9	75.4	88.8	4	69.0	11	83.7	71.9	77.8	11.8	87	79	26.91	6.20	18
June	..	..	77.8	83.9	71.4	72.1	86.0	often	64.0	3	84.5	68.9	76.7	15.6	81	68	0.42	0.16	23
July	..	..	75.1	81.5	69.7	69.4	86.0	1	65.0	24,27	82.3	68.0	75.1	14.3	83	67	2.69	1.32	2
August	..	..	76.3	82.8	71.8	72.6	86.5	24	66.0	20	83.9	68.0	75.9	15.8	86	71	0.82	0.20	5
September	..	..	76.7	84.1	72.4	74.1	87.0	26,27	65.5	11	84.6	69.4	77.1	15.4	81	73	1.10	0.40	3
October	..	..	79.8	83.5	74.3	74.3	87.8	5	66.0	2	85.2	72.0	78.6	13.3	84	74	11.32	2.63	23
November	..	..	80.9	84.9	75.0	75.4	93.0	27	70.0	11	85.6	73.0	79.3	12.6	83	74	17.79	4.36	15
December	..	..	81.6	86.5	75.7	76.6	..	-	71.0	4,20,31	-	73.5			82	73	7.32	1.96	19
Year		..	79.5	85.0	73.8	74.6	..	..	64.0	June 3	..	71.8	..		83	72	79.37	6.20	May 18

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud														Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430					0830			1430			Rain (4)	Thunder
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good		
			Knots	Knots																						
January	NE	E	7	5	4.0	3.0	3.0	2.3	2	9	9	9	2	3	15	6	4	2	0	[illegible]	30	0	0	30	2	0
February	N	E/SE	4	3	4.[illegible]	3.7	3.1	2.5	0	9	10	6	[illegible]	0	10	10	7	[illegible]	0	1	27	0	0	28	6	0
March	NE/N	E/S	3	2	4.1	3.6	3.3	2.4	0	9	14	6	2	0	12	2	5	2	0	0	31	0	0	31	6	[illegible]
April	SW	S	4	9	5.3	5.0	4.2	3.9	0	5	9	7	9	0	3	13	10	4	0	0	30	0	0	30	2	[illegible]
May	SW/W	SE/SW	5	6	5.7	5.6	4.3	4.5	0	4	8	2	7	0	2	2	8	9	0	1	30	[illegible]	[illegible]	29	23	0
June	SW/W	SE/SW	9	12	3.8	3.7	2.1	2.6	[illegible]	9	13	4	3	0	10	13	6	1	0	0	30	0	0	30	5	0
July	SW/W	SE/SW	10	13	4.7	4.7	3.6	3.6	[illegible]	4	14	9	3	0	5	6	4	6	0	0	31	0	0	31	7	0
August	SW	SE/S	6	3	4.6	4.0	3.0	3.0	0	5	7	7	2	0	7	6	6	1	0	0	31	0	0	30	11	0
September	SW	SE	6	14	5.[illegible]	3.0	4.1	2.2	0	4	13	11	2	0	15	12	3	0	0	0	30	0	0	30	8	0
October	SE/W	SE	7	12	5.7	4.7	5.2	3.5	0	2	[illegible]	13	5	0	6	12	11	2	[illegible]	[illegible]	29	0	[illegible]	30	17	[illegible]
November	SW	SE/S	4	10	5.2	4.0	4.2	3.2	0	3	14	8	5	0	8	14	7	1	0	3	27	0	2	28	17	0
December	NE/N	NE/SE	6	3	4.4	4.4	3.2	3.2	0	6	8	5	2	0	3	19	7	2	0	0	31	0	0	31	14	[illegible]
Year	SW	SE/SW	6	12	4.7	4.1	3.7	3.1	4	69	150	99	43	3	96	155	78	31	1	7	357	[illegible]	4	358	137	4

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions; two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards, Mist or Haze = visibility 1100 yards to 6 miles, Good = visibility 6½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.