EAST AFRICAN METEOROLOGICAL DEPARTMENT

SUMMARY OF METEOROLOGICAL OBESERVATIONS

FOR

1954.

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SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT AMANI IN 1954.

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

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature							Relative Humidity		Rainfall		
			Dry Bulb		Dew Point												Max. Fall	
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. 2	Mean Range	0830	1430	Total	in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	71.8	81.1	67.0	68.8	88.6	22	60.6	12	83.3	63.9	73.6	19.4	85	67	0.90	0.29	6
February	-	-	71.8	82.7	67.6	68.0	89.8	5	59.5	15	85.4	63.7	74.5	21.7	87	61	7.44	2.77	27
March	-	-	71.0	79.9	67.8	68.8	85.6	4,18	59.7	17	82.1	64.2	73.1	17.9	90	69	6.19	1.67	26
April	-	-	69.9	74.0	67.3	68.7	81.5	1	61.7	25	77.1	65.1	71.1	12.0	92	84	9.36	1.29	29
May	-	-	67.8	72.2	64.6	66.2	78.6	3	58.8	20	74.2	63.5	68.9	10.7	90	82	10.68	3.61	22
June	-	-	64.8	70.6	60.0	61.8	77.8	1	56.1	22	72.3	60.6	66.5	11.7	85	74	1.68	0.59	24
July	-	-	63.0	69.0	60.2	61.7	75.0	30	53.0	27	70.5	58.0	64.3	12.5	91	78	2.85	0.83	13
August	-	-	63.7	69.6	60.9	61.9	75.4	23	54.1	23,31	71.5	58.4	64.9	13.1	90	77	5.51	1.32	25
September	-	-	65.7	71.1	62.3	62.2	78.0	11	53.4	1	73.8	58.7	66.3	15.1	89	74	1.75	0.29	18
October	-	-	67.4	74.1	63.3	64.2	84.2	21	54.1	22	76.5	59.7	68.1	16.8	87	72	4.44	1.29	11
November	-	-	70.1	77.5	66.3	67.8	82.2	15	54.5	2	79.6	61.7	70.7	17.9	88	73	4.92	1.78	16
December	-	-	72.9	80.2	67.5	67.8	88.0	31	60.3	30	83.0	63.1	73.1	19.9	84	66	3.88	2.95	3
Year	-	-	68.3	75.2	64.6	65.7	89.8	Feb. 5	53.0	July 27	77.4	61.7	69.5	15.7	88	73	59.60	3.61	May 22

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	VARIABLE	E/SE	13	19	5.8	5.7	5.5	5.4	0	1	11	12	7	0	0	15	11	5	0	1	30	0	1	30	9	3
February	"	E/SE	10	21	5.2	5.5	4.8	5.3	0	1	12	12	3	0	0	15	9	4	1	1	26	0	1	27	11	6
March	"	NE/SE	11	20	5.5	5.8	5.1	5.8	0	4	10	10	7	0	0	12	18	1	0	3	28	0	1	30	15	2
April	SW/W	NE-W	19	19	6.8	6.8	6.7	6.7	0	0	5	14	11	0	0	5	15	10	0	7	23	0	6	24	27	1
May	S-W	SW	20	17	6.4	6.9	6.0	6.7	0	0	10	8	13	0	0	5	9	17	0	5	26	2	5	24	26	0
June	S-W	S/SW	23	19	5.6	6.0	5.5	6.0	0	2	11	10	7	0	1	9	13	7	0	6	24	0	2	28	15	0
July	SW/W	E-SW	15	18	6.5	6.5	4.2	6.4	0	2	6	10	13	0	0	6	16	9	0	6	25	0	3	28	13	0
August	SW/W	E/SE	12	17	6.4	6.9	6.5	6.6	0	1	8	9	13	0	0	6	12	13	0	2	29	0	3	28	17	0
September	E/SE	E-W	11	17	6.9	6.9	6.9	6.9	0	1	3	12	14	0	0	4	13	13	0	4	26	0	4	26	14	0
October	VARIABLE	E/SE	11	20	6.5	5.7	6.5	5.7	0	1	6	10	14	0	0	16	8	7	2	6	23	2	2	27	16	0
November	E/N	E/SE	12	20	5.9	5.4	5.8	5.0	0	0	9	16	5	0	2	13	10	5	1	2	27	0	1	29	16	0
December	E	E-SE	14	22	5.2	4.9	4.9	4.9	0	4	10	16	1	0	1	20	6	4	0	1	30	0	1	30	7	0
Year	SW/W	E/SE	14	19	6.1	6.1	5.7	5.9	0	17	101	139	108	0	4	126	140	95	4	44	317	4	30	331	191	12

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 ARUSHA IN 1954.

Latitude 03° 23'S Longitude 36° 41'E Altitude 4500 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	Max. + Min.	Mean			Max. Fall	
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Max.	Min.	2	Range	0830	1430	Total	in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	63.4	79.6	59.6	57.9	83.5	25,31	50.0	19,20	81.0	51.9	66.5	29.1	88	48	4.28	1.32	18
February	-	-	63.3	81.8	60.6	58.8	85.5	4,9	51.5	Often	82.5	53.2	67.9	29.3	90	46	0.29	0.20	19
March	-	-	62.8	83.1	60.0	59.1	85.5	22,26	51.0	2	83.8	53.2	68.5	30.6	91	44	1.30	0.81	26
April	-	-	63.2	77.2	60.3	60.2	83.5	4	51.5	1,11	78.8	54.1	66.5	24.7	90	56	Incomplete	-	-
May	-	-	61.3	69.3	59.4	61.2	75.1	3	51.0	28,30	71.8	57.0	64.4	14.8	95	76	6.76	1.41	14
June	-	-	59.0	67.4	55.0	56.0	74.0	26	43.2	23	69.8	51.9	60.9	17.9	87	67	0.15	0.06	24
July	-	-	57.4	68.4	52.7	53.5	75.0	30	42.7	30	70.5	49.0	59.7	21.5	85	60	0.00	0.00	-
August	-	-	58.2	70.3	52.8	53.0	76.5	23,24,30	43.2	4	72.6	51.9	62.3	20.7	83	54	0.72	0.28	26
September	-	-	59.6	75.1	53.8	53.1	80.2	15	46.0	5	77.1	52.5	64.8	24.6	82	46	0.02	0.02	13
October	-	-	63.1	78.6	56.6	53.6	86.1	22	44.2	14	81.0	53.5	67.3	27.5	80	42	0.07	0.07	18
November	-	-	64.8	76.7	58.7	55.5	85.5	11	49.0	3,4,18	80.8	52.9	66.9	27.9	81	48	3.00	2.12	26
December	-	-	65.3	76.0	59.0	57.6	86.3	29	48.8	23	81.1	53.5	67.3	27.6	81	53	1.32	0.51	4
Year	-	-	61.8	75.3	57.4	56.6	86.3	Dec. 29	42.7	July 30	77.6	52.9	65.3	24.7	86	53	Incomplete	-	-

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	2	3	4.3	5.4	4.3	5.3	0	5	15	8	3	0	0	18	10	3	0	0	31	0	0	31	9	0
February	E	E	2	3	4.4	4.9	4.2	4.8	0	7	12	7	2	0	2	17	8	1	0	0	28	0	0	28	3	0
March	E	E	2	2	4.6	4.7	4.8	4.7	0	6	14	8	3	0	0	25	6	0	0	0	31	0	0	31	3	0
April	E	E	2	2	6.4	5.0	3.8	5.0	0	1	4	11	9	1	0	14	9	1	0	3	22	0	0	25	[illegible]	0
May	SE	SE	6	6	7.2	5.9	6.2	4.4	0	1	1	6	23	0	1	8	13	9	0	5	26	0	0	31	18	2
June	SE	SE	6	5	5.6	4.8	4.7	3.0	0	6	5	6	13	0	7	9	7	7	0	2	23	0	0	30	7	0
July	SE	SE	6	7	5.5	3.7	5.1	2.8	0	5	8	9	9	0	10	13	7	1	0	7	24	0	0	31	0	0
August	SE	SE/SSE	8	10	5.6	4.4	4.7	2.9	0	4	8	7	12	0	4	21	3	3	0	2	29	0	0	31	4	0
September	SE	SE	8	11	5.5	3.5	4.6	2.7	0	4	8	14	4	0	4	23	2	1	0	0	30	0	0	30	1	0
October	SE-S	SE	6	10	5.6	4.3	4.7	2.9	0	2	11	12	6	1	4	19	7	0	0	1	30	0	0	31	1	6
November	SE/SSE	SE	4	9	5.5	5.2	4.7	4.7	0	1	14	11	4	0	0	16	14	0	1	0	29	0	0	30	6	6
December	E/SE/S	NE/SE/N	3	5	3.8	5.2	2.2	4.0	0	10	13	6	2	0	0	13	17	1	0	0	31	0	0	31	8	10
Year	SE	SE	5	6	5.3	4.7	4.5	3.9	0	52	113	105	90	2	32	196	103	27	1	20	339	0	0	360	-	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 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 BIHARAMULO IN 1954.

Latitude 02° 38' S Longitude 31° 19' E Altitude 4856 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	-	-	65.5	74.9	59.6	59.2	82.0	10	56.0	7	77.9	61.9	69.9	16.0	82	59	3.76	1.02	20
February	-	-	66.4	77.5	58.8	58.7	86.0	7	57.0	14	79.4	61.9	70.7	17.5	77	53	3.51	1.24	25
March	-	-	66.5	77.4	60.6	60.1	87.2	25	58.0	16	79.1	62.4	70.7	16.7	81	56	3.85	0.58	20
April	-	-	65.6	74.3	60.7	60.7	80.0	23	59.0	4,13	76.8	61.3	69.1	15.5	84	63	9.94	2.83	10
May	-	-	65.6	74.6	60.1	60.2	79.0	Often	59.0	9,11	76.1	61.5	68.8	14.6	82	61	6.06	1.15	1
June	-	-	64.5	75.2	53.2	53.8	81.0	28	56.0	24	76.5	60.0	68.3	16.5	67	48	0.10	0.10	19
July	-	-	64.5	76.7	50.6	51.0	84.0	31	57.0	4,12, 14	78.5	59.3	68.9	19.2	61	41	0.00	0.00	-
August	-	-	65.6	78.0	51.8	49.5	84.0	31	58.0	10	80.1	61.0	70.5	19.1	61	37	0.15	0.10	22
September	-	-	67.3	77.0	57.5	53.8	85.0	1	60.0	Often	79.8	61.1	70.5	18.7	71	45	0.52	0.30	12
October	-	-	68.7	77.3	57.5	55.2	84.0	10,15,18	59.5	7	79.9	61.9	70.9	18.0	68	47	1.98	0.53	16
November	-	-	67.3	76.6	59.9	56.7	86.0	28	60.0	5,7	79.6	63.0	71.3	16.6	77	50	2.08	0.87	4
December	-	-	65.6	73.0	60.2	60.3	81.0	24,28	59.0	13,14	76.5	62.1	69.3	14.4	83	65	5.86	0.96	6
Year	-	-	66.1	76.0	57.6	56.5	87.2	Mar. 25	56.0	Jan. 7 June 24	78.3	61.5	69.9	16.8	75	52	37.81	2.83	Apr. 10

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud: Total		Low		0830					1430					Frequency of Visibility (3) 0830			1430			No. of days of	
	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	S/SW	NE-SW	4	7	5.4	6.4	1.5	1.7	6	1	6	2	16	0	2	4	15	10	0	23	8	0	1	30	10	2
February	S/SW	NE-S	6		4.4	5.7	1.8	2.5	5	3	7	6	7	0	0	12	10	6	0	16	12	0	0	28	9	3
March	S/SW	E/SE	7	7	5.3	5.6	1.5	3.2	0	5	9	8	9	0	2	10	13	6	0	11	20	0	1	30	11	0
April	S	NE-SW	5	7	5.2	6.4	1.8	3.2	1	6	8	2	13	0	0	6	17	7	0	8	22	0	3	27	13	0
May	S	E/SE	4	7	5.4	6.0	3.5	3.2	2	7	2	5	15	0	0	11	12	8	0	22	9	0	0	31	18	0
June	S	S	8	9	1.9	4.2	0.2	1.0	16	3	7	3	1	3	2	17	2	6	0	30	0	0	0	30	1	0
July	S	S	8	10	2.6	3.8	0.0	0.7	19	2	0	2	8	4	11	6	2	8	0	31	0	0	3	28	0	0
August	S	S	9	10	4.0	5.3	0.5	1.0	0	13	5	8	5	0	3	15	8	5	0	29	2	0	0	31	2	0
September	S	E/S	5	8	4.4	5.8	1.4	2.1	6	3	5	10	6	0	1	9	12	8	0	27	3	0	0	30	4	2
October	E/S	E/S	5	9	3.6	5.6	0.9	1.9	1	12	6	9	3	0	1	13	15	2	0	29	2	0	0	31	8	2
November	E/S	E	5	9	4.9	4.2	1.4	1.1	3	7	3	7	10	3	7	8	9	3	0	27	3	0	1	29	8	0
December	CALM	E/N	0	7	3.9	4.3	1.3	2.0	0	17	1	4	9	1	14	1	4	11	0	28	3	0	7	24	12	1
Year	S	E/S	5	8	4.3	5.3	1.3	2.0	57	79	59	66	102	11	43	112	119	80	0	281	84	0	16	349	96	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 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 IN 1954.

Latitude 01° 20'S Longitude 31° 49'E Altitude 3753 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	-	-	67.8	77.0	63.3	65.5	85.0	3,11	58.0	4,8	80.1	62.3	71.2	17.8	86	68	3.02	0.75	16
February	-	-	67.7	78.4	62.2	65.0	85.3	9	57.0	3	81.2	61.1	71.1	20.1	83	64	6.71	1.76	19
March	-	-	69.1	78.1	63.6	65.3	83.9	1	58.5	13	80.2	63.0	71.6	17.2	83	65	3.80	0.80	24
April	-	-	68.9	75.2	64.6	65.5	82.9	25	62.5	5,26	77.7	63.8	70.7	13.9	87	72	13.22	2.24	29
May	-	-	67.0	75.4	63.5	65.6	80.5	7,30	61.0	22,24	77.5	62.9	70.2	14.6	88	72	15.11	1.97	1
June	-	-	68.9	75.3	61.8	62.6	81.5	18	58.0	27,28	77.3	61.4	69.3	15.9	79	65	2.00	0.77	6
July	-	-	66.9	74.5	60.2	61.8	82.0	26	56.0	19	77.0	60.1	68.5	16.9	80	65	1.39	0.47	10
August	-	-	67.9	74.9	61.1	62.4	80.5	30	53.0	7	77.3	60.8	69.1	16.5	79	66	2.83	1.37	13
September	-	-	66.8	74.2	62.0	63.0	82.0	3	55.0	17	77.3	60.9	69.1	16.4	85	69	3.45	1.27	30
October	-	-	68.9	76.3	62.7	63.3	82.5	22	59.0	24	78.3	62.1	70.2	16.2	81	64	3.47	0.81	30
November	-	-	71.3	77.1	63.5	63.8	82.5	23	59.5	11	79.4	63.0	71.2	16.4	76	64	8.01	1.99	13
December	-	-	68.4	75.7	63.2	63.7	83.0	25,26	59.0	8	78.2	63.3	70.7	14.9	84	67	6.67	1.85	3
Year	-	-	68.3	76.0	62.6	64.0	85.3	Feb. 9	53.0	Aug. 7	78.5	62.1	70.3	16.4	83	67	69.68	2.24	Apr. 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	NW	SE	5	9	6.9	5.0	5.5	3.3	0	0	5	12	14	0	10	6	5	10	0	0	31	0	0	31	11	10
February	NW	SE	5	9	6.1	5.1	4.7	2.3	0	7	6	5	10	0	5	8	13	2	0	0	28	0	0	28	10	4
March	NW	SE	5	9	7.0	5.8	4.7	2.2	0	1	3	8	19	0	3	10	11	7	1	0	30	0	0	31	13	9
April	SE/NW	SE	5	8	7.0	6.1	4.4	2.7	0	0	5	7	18	0	2	8	9	11	0	2	28	0	1	29	21	13
May	SE/NW	SE	5	7	7.4	6.0	4.8	3.6	0	0	3	7	21	0	1	11	11	8	0	2	29	0	1	30	24	12
June	SE/NW	SE	5	9	5.7	4.9	4.1	3.0	0	3	8	11	8	0	8	8	9	5	0	0	30	0	0	30	7	11
July	NW	SE	7	9	6.2	5.9	3.6	3.1	0	3	7	7	14	0	5	5	7	14	0	0	31	0	0	31	9	8
August	SE/NW	E/SE	7	10	6.2	5.9	4.1	3.5	0	1	10	9	11	0	2	13	2	14	0	0	31	0	0	31	15	11
September	W/NW	E/SE	4	7	6.3	6.7	3.8	3.6	0	0	10	8	12	0	0	8	7	15	0	0	30	0	0	30	12	17
October	NW	E/SE	4	7	5.8	6.0	3.6	2.2	0	0	13	12	6	0	0	11	16	4	0	0	31	0	0	31	18	18
November	NW	E/SE	6	7	6.3	5.0	4.0	2.2	0	0	10	10	10	0	3	15	7	5	0	0	30	0	0	30	15	12
December	NW	E/SE	4	7	6.1	6.2	3.7	3.1	0	0	13	6	12	0	0	11	9	11	0	0	31	0	0	31	15	11
Year	NW	SE	5	8	6.4	5.7	4.3	2.9	0	15	93	102	155	0	39	114	106	106	1	4	360	0	2	363	170	136

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 CHUNYA IN 1954.

Latitude 08° 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	Mean	Max. + Min.	Mean			Max. Fall	
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Max.	Min.	2	Range	0830	1430	Total	in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	64.9	74.2	60.5	62.4	82.5	10	59.0	29	77.9	61.3	69.6	16.6	87	67	4.39	1.29	17
February	-	-	66.7	78.3	60.7	60.6	85.5	7,8,9	60.0	Often	80.6	61.8	71.2	18.8	81	55	2.79	0.72	21
March	-	-	66.2	78.4	61.5	62.0	84.5	12	59.0	23	80.4	61.1	70.7	19.3	85	57	3.55	1.71	17
April	-	-	64.6	78.3	58.3	59.0	82.0	20,25,26	52.0	24	80.2	59.8	70.0	20.4	80	51	2.18	0.88	2
May	-	-	63.7	79.5	56.2	57.7	85.0	4	55.0	28	81.5	58.9	70.2	22.6	77	47	0.36	0.17	2
June	-	-	58.3	76.8	51.5	53.8	82.0	8	50.0	11,12	79.2	54.6	66.9	24.6	78	45	0.00	0.00	-
July	-	-	57.5	75.3	48.8	51.7	83.0	1	50.0	2,5	77.9	52.9	65.4	25.0	73	44	0.00	0.00	-
August	-	-	59.6	77.5	49.9	52.3	85.5	29	50.0	10	79.9	55.2	67.5	24.7	70	43	0.00	0.00	-
September	-	-	62.7	80.2	51.4	50.8	85.0	6,8,9	55.5	1	81.5	58.9	70.2	22.6	67	36	0.00	0.00	-
October	-	-	66.8	83.3	53.9	50.4	90.5	27	58.0	1,14	84.9	61.9	73.4	23.0	63	32	0.00	0.00	-
November	-	-	69.2	83.4	56.1	52.0	88.5	23	61.0	5	85.8	63.9	74.9	21.9	63	34	1.48	0.84	25
December	-	-	67.2	78.8	59.2	56.5	85.0	10,31	59.0	6	81.0	62.9	71.9	18.1	76	47	6.67	1.46	13
Year	-	-	63.9	78.7	55.7	55.8	90.5	Oct. 27	50.0	(@)	80.9	59.4	70.1	21.5	75	47	21.42	1.71	Mar. 17

(@) Several dates: June 11th and 12th, July 5th and August 10th.

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	CALM	E/W	0	4	6.8	7.1	5.6	5.6	2	0	1	14	14	0	0	2	18	11	0	0	31	0	0	31	17	0
February	E	E/W	4	5	4.8	6.3	3.7	4.7	6	4	1	10	7	1	0	6	12	9	0	0	28	0	0	28	10	0
March	E	E	2	4	4.8	6.1	3.3	4.5	8	0	6	10	7	3	0	4	18	6	0	0	31	0	0	31	5	1
April	E	E	4	5	3.6	6.2	2.1	3.2	12	1	7	2	8	4	0	4	6	16	0	0	30	0	0	30	5	0
May	E	E	6	5	1.7	4.2	0.9	2.7	23	0	2	3	3	8	1	11	7	4	0	0	31	0	0	31	3	0
June	E	E/W	3	4	1.2	2.5	0.6	1.6	23	0	4	2	1	15	0	10	5	0	0	0	30	0	0	30	0	0
July	E	E	5	5	0.0	0.9	0.0	0.6	31	0	0	0	0	24	0	6	1	0	0	0	31	0	0	31	0	0
August	E	E	5	7	0.6	2.5	0.4	1.7	27	1	1	1	1	6	6	18	1	0	0	0	31	0	0	31	0	0
September	E	E	9	7	0.7	2.0	0.4	1.2	25	1	3	0	1	7	13	7	2	1	0	0	30	0	0	30	0	0
October	E	E	10	6	1.5	2.9	0.7	1.6	17	5	7	1	1	8	5	11	2	5	0	0	31	0	0	31	0	0
November	E	E	9	6	4.0	5.5	2.8	3.8	6	6	6	4	8	0	2	14	6	8	0	0	30	0	0	30	5	0
December	E	E	2	2	5.5	6.1	4.6	5.1	1	6	5	8	11	0	1	7	16	7	0	1	30	0	1	30	16	0
Year	E	E	5	5	2.9	4.4	2.1	3.0	181	24	43	55	62	76	28	100	94	67	0	1	364	0	1	364	61	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 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 1954.

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						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.	
January	1008.4	1005.5	80.1	86.1	73.3	73.4	90.5	30,31	71.0	18,19	88.2	75.1	81.7	13.1	80	66	2.11	17
February	1008.7	1005.9	79.9	87.2	74.3	73.8	93.8	23	69.7	15	90.1	73.9	82.0	16.2	83	65	2.00	23
March	1009.3	1006.4	80.4	87.2	74.6	73.3	94.6	30	71.0	23	90.6	73.5	82.1	17.1	83	63	1.56	25
April	1010.1	1008.4	77.5	84.1	74.0	72.7	94.2	3	69.3	25	87.7	72.1	79.9	15.6	89	69	10.82	29
May	1011.2	1008.6	75.5	83.6	72.3	70.7	90.2	3	67.4	20	86.4	70.7	78.5	15.7	90	66	9.09	3:07
June	1013.7	1011.6	72.2	83.8	66.9	64.7	88.2	2	62.0	22	85.6	66.3	75.9	19.3	84	53	0.11	0.07
July	1014.0	1012.5	70.8	82.8	66.8	63.3	88.8	29	62.2	5	84.7	65.4	75.1	19.3	87	52	0.60	0.47
August	1014.6	1011.7	72.3	83.0	67.5	64.5	89.1	27	62.1	31	85.5	65.7	75.6	19.8	86	54	0.46	0.14
September	1014.2	1011.0	75.0	85.2	68.4	64.7	92.2	10	64.6	1	87.5	66.7	77.1	20.8	79	50	0.91	0.40
October	1009.3	1005.9	77.5	83.7	70.8	68.5	92.1	22	63.8	20	86.3	67.2	76.7	19.1	80	61	4.21	1.93
November	1008.3	1004.9	80.0	85.9	73.5	70.8	90.5	9	65.9	3	88.3	70.6	79.5	17.7	81	61	2.30	1.05
December	1005.6	1002.4	81.3	87.4	74.3	73.0	93.7	19	68.8	29	90.3	73.7	82.0	16.6	80	63	0.94	0.32
Year	1010.6	1007.9	76.9	85.0	71.4	69.5	94.6	Mar. 30	62.0	June 22	87.6	70.1	78.9	17.5	83	60	35.11	3.07	May 22

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	5	7	6.1	4.7	3.5	3.3	0	1	9	13	8	0	7	11	7	6	0	0	31	0	0	31	7	4
February	VARIABLE	NE	4	8	4.9	4.0	3.7	2.6	0	4	13	8	3	0	8	11	8	1	0	0	28	0	0	28	10	1
March	SW	NE	4	6	4.2	4.6	2.7	3.3	0	8	11	7	5	0	6	12	10	3	0	0	31	0	0	31	9	6
April	SW	S	6	9	4.3	6.0	2.2	4.8	0	6	15	6	3	0	0	8	14	8	0	2	28	0	4	26	21	1
May	SW	S	6	9	4.2	5.7	2.6	4.4	0	13	7	5	6	0	2	12	10	7	0	2	29	0	1	30	12	3
June	SW	S	7	12	3.2	4.5	1.6	3.4	0	13	10	6	1	0	3	17	10	0	0	0	30	0	0	30	2	0
July	SW	S	5	11	3.8	4.9	1.9	3.7	0	11	11	5	4	0	3	12	14	2	0	1	30	0	1	30	3	0
August	SW	S	5	11	4.4	5.8	2.6	4.1	0	9	10	7	5	0	0	11	17	3	0	1	30	0	0	31	7	0
September	SW-W	SE-S	4	10	3.7	4.5	2.5	3.8	0	10	14	6	0	0	1	22	7	0	0	0	30	0	0	30	7	0
October	S	ENE/E	3	10	3.6	5.0	3.1	4.3	0	9	19	1	2	0	2	16	10	3	0	1	30	0	0	31	9	2
November	NE-E	NNE-E	3	10	5.1	4.2	4.2	3.3	0	1	16	13	0	0	4	19	7	0	0	0	30	0	0	30	12	4
December	NNE/NE	NNE/NE	6	11	5.5	5.1	5.0	3.6	0	0	13	15	3	0	2	20	3	6	0	0	31	0	0	31	10	3
Year	SE	S	5	9	4.4	4.9	2.9	3.7	0	85	148	92	40	0	38	171	117	39	0	7	356	0	6	359	109	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 6½ miles or over.

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

Latitude 06° 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	Mean	Max. + Min.	Mean				Max. Fall	
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Max.	Min.	2	Range	0830	1430	Total	in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	1008.4	1005.5	80.2	84.2	74.0	74.1	87.8	31	71.8	18	85.6	77.2	81.4	8.4	81	72	2.91	1.75	17
February	1008.7	1005.9	80.7	85.8	74.3	73.6	90.1	16,17	70.1	15	87.7	76.2	81.9	11.5	81	67	2.21	1.03	25
March	1009.3	1006.4	80.8	86.1	74.8	73.8	92.9	30	72.1	23	88.4	74.6	81.5	13.8	82	67	2.35	0.74	23
April	1010.1	1008.4	77.5	83.9	73.7	72.7	92.2	19	70.4	25	87.0	72.9	79.9	14.1	88	70	10.64	1.65	29
May	1011.2	1008.6	75.8	83.0	72.0	71.5	90.5	3	68.3	20	85.5	71.3	78.4	14.2	88	69	8.89	3.38	22
June	1013.7	1011.6	72.3	82.8	66.9	65.7	86.9	1	62.8	22	84.3	67.4	75.9	16.9	83	56	0.29	0.16	24
July	1014.0	1012.5	71.1	81.7	67.2	64.8	87.2	29	63.2	5	83.3	66.1	74.7	17.2	88	57	0.79	0.58	2
August	1014.6	1011.7	72.6	81.9	68.0	66.1	88.1	31	62.5	31	84.1	66.6	75.3	17.5	85	59	0.41	0.16	1
September	1014.2	1011.0	76.1	83.8	69.2	66.6	89.8	10	65.6	1	85.6	67.4	76.5	18.2	79	56	1.06	0.38	19
October	1009.3	1005.9	78.2	82.3	71.2	69.3	91.2	21	65.2	20	83.9	68.5	76.2	15.4	79	65	2.72	1.25	10
November	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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)	
			knots	knots																						
January	N	NE/N	7	9	6.2	4.4	3.4	2.2	0	2	5	11	13	0	11	6	9	5	0	0	31	0	0	31	8	2
February	VARIABLE	NNE-E	4	9	4.6	3.5	3.9	2.2	0	7	10	11	0	0	12	8	7	1	0	0	28	0	0	28	7	2
March	SW-N	NE/N	4	7	3.6	4.0	2.9	3.4	0	17	4	8	2	0	10	12	6	3	0	0	31	0	0	31	8	2
April	S/SSW	S	3	5	4.0	5.8	8.4	4.8	0	11	7	8	4	0	2	8	10	10	0	0	30	0	0	30	17	3
May	S-SW	SE-SSW	3	5	4.0	5.2	3.0	3.4	0	14	3	9	5	0	6	8	12	5	0	0	31	0	0	31	13	0
June	S-SW	SSE/S	5	8	3.4	4.5	1.9	3.4	0	16	5	8	1	0	7	10	12	1	0	0	30	0	0	30	4	0
July	S/SSW	SE-SSW	4	7	3.5	4.3	2.0	3.6	1	13	7	6	4	0	10	10	6	5	0	0	31	0	0	31	5	0
August	SSW	SE/S	5	12	3.9	5.1	3.4	3.9	0	12	8	8	3	0	2	13	11	5	0	0	31	0	0	31	7	0
September	S-SW	E/S	3	9	2.8	4.0	2.4	3.6	0	18	7	5	0	0	6	17	7	0	0	0	30	0	0	30	6	0
October	SSE/S	NE-SE	2	10	4.3	3.7	4.0	3.1	0	7	13	9	2	0	11	15	3	2	0	0	31	0	0	31	7	0
November	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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 DODOMA IN 1954.

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	890.0	886.8	68.2	80.0	64.5	63.5	87.5	11	60.5	4	82.6	64.7	73.7	17.9	88	57	2.62	1.12	12
February	889.7	886.8	68.9	82.9	63.5	61.3	94.0	10	59.8	15	87.1	64.8	75.9	22.3	83	48	1.31	0.61	24
March	890.3	887.2	69.4	83.3	63.8	62.7	90.2	17	60.7	26	86.4	64.5	75.5	21.9	83	50	2.77	1.40	4
April	891.4	888.3	69.3	82.4	62.6	59.8	88.5	1	59.2	15	84.9	63.4	74.1	21.5	79	46	2.11	1.56	7
May	891.7	888.9	67.8	81.0	60.0	57.2	86.6	3	56.5	26	83.4	60.7	72.1	22.7	77	45	0.04	0.04	8
June	893.3	890.8	63.9	79.1	53.5	51.6	86.4	1	52.0	10	81.3	56.4	68.9	24.9	69	39	0.00	0.00	-
July	892.8	890.5	61.2	78.5	52.3	49.3	83.2	30	50.2	24	80.1	55.0	67.5	25.1	72	36	0.00	0.00	-
August	893.4	890.8	62.6	79.0	53.9	48.0	84.2	4,5,30	50.0	29	80.4	56.5	68.5	23.9	73	34	0.00	0.00	-
September	893.0	889.5	65.0	82.1	55.5	51.7	85.5	11,14	55.0	1	83.9	58.1	71.0	25.8	72	35	0.00	0.00	-
October	891.7	887.8	68.4	84.6	58.0	53.7	92.2	21	55.4	13	86.7	60.4	73.5	26.3	70	34	0.00	0.00	-
November	891.1	887.1	70.3	87.3	62.1	57.3	91.8	26	60.8	9	89.3	62.9	76.1	26.4	75	36	0.00	0.00	-
December	889.5	885.9	70.5	86.0	63.5	59.2	90.8	12	61.4	1	87.1	64.8	75.9	22.3	79	41	5.46	2.51	18
Year	891.5	888.4	67.1	82.2	59.4	56.3	94.0	Feb. 10	50.0	Aug. 29	84.4	61.0	72.7	23.4	77	42	14.31	2.51	Dec. 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				
	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	E/ESE	E/ESE/W	3	3	6.5	5.9	4.2	4.3	0	2	4	13	12	0	1	8	15	7	0	0	31	0	0	31	12	9
February	ESE/SE	E/ESE	6	5	4.6	4.7	2.3	3.8	1	7	8	6	6	0	3	17	5	3	0	0	28	0	0	28	7	5
March	E-SE	E-SE	4	4	5.8	4.9	4.4	4.2	0	4	6	11	10	0	0	21	8	2	0	0	31	0	0	31	7	4
April	E-SE	ESE/SE	4	5	5.3	5.6	4.1	5.1	0	4	12	10	4	0	1	11	15	3	0	0	30	0	0	30	4	2
May	E-SE	ESE	6	7	4.5	5.5	3.0	4.7	1	5	11	10	4	0	4	9	16	2	0	0	31	0	0	31	1	0
June	E-ESE	E-SE	6	5	2.9	3.0	1.3	2.4	2	13	9	4	2	3	9	16	2	0	0	0	30	0	0	30	0	0
July	E	E	5	6	1.9	2.5	0.8	1.8	7	16	7	1	0	2	17	8	4	0	0	0	31	0	0	31	0	0
August	E	ENE	7	8	2.9	3.6	2.4	3.0	4	13	8	6	0	1	8	16	5	1	0	0	31	0	0	31	0	0
September	E	E	11	9	2.7	2.9	2.0	2.3	3	14	9	3	1	1	9	19	1	0	0	0	30	0	0	30	0	0
October	E	E/ESE	9	7	3.1	3.4	1.6	2.6	3	9	14	4	1	0	10	19	2	0	0	0	31	0	0	31	0	0
November	E	E/ESE	9	11	3.6	3.7	2.4	2.9	0	12	12	6	0	0	7	20	3	0	0	0	30	0	0	30	0	1
December	E	E	5	4	4.4	4.2	2.4	3.4	0	12	7	7	5	0	8	12	9	2	1	0	30	0	0	31	8	8
Year	E	E/ESE	6	6	4.0	4.2	2.6	3.4	21	111	107	81	45	7	77	176	85	20	1	0	364	0	0	365	39	29

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.

Latitude 7° 47'S Longitude 35° 42'E Altitude 5380 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	-	-	63.7	70.2	60.1	59.8	79.0	31	55.6	28	75.3	58.4	66.9	16.9	88	71	8.49	0.92	2
February	-	-	65.8	75.8	59.8	59.3	83.0	6,8,13	52.5	4	78.8	58.0	68.4	20.8	81	57	3.45	1.11	22
March	-	-	65.9	74.8	60.1	61.0	82.0	8	55.0	12	78.6	58.9	68.8	19.7	82	62	3.60	1.18	4
April	-	-	65.8	75.4	57.6	58.2	79.0	Often	55.0	18	76.9	58.7	67.8	18.2	75	56	2.73	1.42	1
May	-	-	64.8	74.7	56.6	56.0	79.8	22	52.0	22	76.4	57.3	66.8	19.1	75	52	0.58	0.40	8
June	-	-	61.2	72.7	51.5	49.5	79.2	2	48.0	23	74.6	53.5	63.1	21.1	70	44	0.00	0.00	-
July	-	-	59.2	72.7	48.0	47.5	79.6	27	49.0	5,8	74.4	51.9	63.3	22.5	67	41	0.00	0.00	-
August	-	-	61.5	73.5	49.2	47.6	80.0	4,29	49.6	7	75.5	53.7	64.6	21.8	64	40	0.00	0.00	-
September	-	-	65.0	77.1	50.9	49.8	83.0	13,15	49.0	1,5	79.4	54.2	66.8	25.2	60	38	0.00	0.00	-
October	-	-	68.8	81.0	53.3	49.5	88.0	27,29	51.2	14	82.8	55.3	69.1	27.5	58	34	0.00	0.00	-
November	-	-	71.7	78.8	55.5	51.9	87.0	21	54.2	20	83.9	57.4	70.7	26.5	57	39	0.60	0.54	13
December	-	-	66.6	72.1	58.4	57.3	86.5	1,2	54.0	20	80.1	57.6	68.9	22.5	75	60	8.19	1.45	16
Year	-	-	65.0	74.9	55.1	53.9	88.0	Oct. 27,29	48.0	June 23	78.1	56.2	67.1	21.9	71	49	27.64	1.45	Dec 16

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	CALM	W	0	3	6.3	6.2	4.0	4.6	1	1	5	14	10	1	0	5	19	6	1	0	30		0	30	20	1
February	E	E/N	2	4	4.2	5.4	1.7	3.0	4	6	6	9	3	0	3	11	9	5	1	0	27	0	0	28	13	0
March	CALM	E/S/N	0	3	3.8	5.4	1.6	3.2	3	9	8	10	1	0	1	16	9	5	0	0	31	0	1	30	13	0
April	E/SE	E/SE	6	5	3.8	5.1	1.4	2.5	3	5	15	6	1	0	1	18	9	2	0	0	30	0	0	30	8	0
May	E/SE	E/SE	6	4	2.5	4.7	0.9	2.0	11	7	8	2	3	1	2	18	6	4	0	0	31	0	0	31	4	0
June	E/SE	E-S	9	5	1.4	3.4	0.3	1.1	12	12	6	0	0	3	7	15	5	0	0	0	30	0	0	30	0	0
July	SE	SE/S	6	4	1.6	3.2	0.3	0.9	14	7	9	0	1	3	10	14	3	1	0	0	31	0	0	31	0	0
August	E/SE	E-S	6	6	2.0	3.6	0.7	1.2	10	12	7	1	1	1	6	20	4	0	0	0	31	0	0	31	0	0
September	E-S	E-S	5	4	0.9	4.0	0.5	1.7	20	3	7	0	0	0	5	18	7	0	0	0	30	0	0	30	0	0
October	E/SE	E/SE	5	4	1.3	3.2	0.3	1.3	18	7	2	4	0	2	9	19	1	0	0	0	31	0	0	31	0	0
November	E	E	2	3	1.7	4.9	0.3	1.9	7	15	7	1	0	0	1	16	13	0	0	0	30	0	0	30	4	0
December	CALM	NE-E	0	2	3.5	6.0	1.1	3.1	7	8	5	10	1	0	1	10	10	10	0	0	31	0	0	31	19	0
Year	E/SE	E-S	4	4	2.7	4.6	1.1	2.3	110	92	85	57	21	11	46	180	95	33	2	0	363	1	1	363	81	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 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 KIGOMA IN 1954.

Latitude 4° 53'S Longitude 29° 38'E Altitude 2903 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						Mean Max.	Mean Min.	Max. + Min. 2						
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date					0830	1430	Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	913.6	911.5	70.6	78.4	65.2	67.7	83.5	8	63.7	3	80.1	67.1	73.6	13.0	84	70	5.56	2.05	13
February	913.0	911.2	71.1	78.8	66.5	68.5	88.0	8	62.7	17	81.6	67.2	74.4	14.4	82	71	2.97	1.17	12
March	912.8	911.2	71.1	78.6	66.6	69.0	85.2	28,29	63.0	21	82.1	67.7	74.9	14.4	86	73	4.98	2.10	20
April	913.2	912.6	71.1	78.5	65.5	67.1	86.9	23	63.8	3	81.5	67.2	74.3	14.3	83	69	4.57	2.00	6
May	914.1	912.6	70.5	79.8	64.8	66.8	86.2	6	63.0	22	82.1	66.7	74.4	15.4	82	65	2.73	1.13	8
June	915.7	914.1	67.8	79.7	60.3	60.5	85.0	4	58.7	13	81.6	63.4	72.5	18.2	77	52	0.85	0.68	18
July	914.9	913.1	66.9	80.3	56.8	57.9	86.5	18	60.2	11,13	82.6	63.0	72.8	19.6	70	47	0.00	0.00	-
August	915.2	913.1	69.8	81.8	53.6	57.2	89.0	27	61.4	11	84.9	65.5	75.2	19.4	57	44	0.00	0.00	-
September	914.5	912.1	72.9	82.2	57.0	62.4	90.6	19	58.6	21	85.8	66.9	76.3	18.9	58	51	0.06	0.06	14
October	913.6	910.8	74.4	82.1	59.7	64.3	90.7	7	63.0	29	85.6	68.9	77.3	16.7	61	55	2.43	1.34	31
November	913.4	911.3	70.8	77.6	64.8	67.6	87.2	11	62.0	29,30	80.2	66.9	73.5	13.3	82	72	5.65	1.15	23
December	913.3	910.6	70.3	76.1	65.5	67.8	83.8	24	63.9	27	78.8	67.0	72.9	11.8	85	76	4.72	0.73	21
Year	913.9	912.0	70.6	79.5	62.2	64.7	90.7	Oct. 7	58.6	Sept. 21	82.2	66.5	74.3	15.7	76	62	34.52	2.10	Mar. 20

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	E	S-WNW	7	11	7.0	6.3	2.2	1.7	0	1	3	6	21	0	3	4	7	17		0	0	31	0	0	31	15	25
February	E	S/W	6	10	7.0	6.4	2.7	3.2	0	0	3	5	20	0	0	3	5	20		0	0	28	0	0	28	16	23
March	E	W	8	10	7.1	6.3	1.3	2.9	0	0	2	8	21	0	1	5	7	18		0	1	30	0	0	31	15	29
April	E	W	7	11	6.2	6.0	3.2	4.1	0	5	1	5	19	0	1	8	11	10		0	0	30	0	1	29	13	20
May	E	S-W	7	11	5.5	5.1	3.0	3.2	0	5	7	6	13	0	7	5	11	8		0	0	31	0	0	31	10	21
June	E/ESE	S-SW	9	13	3.8	2.5	1.4	1.0	0	13	6	5	6	3	16	4	4	3		0	0	30	0	0	30	2	5
July	E	SSE-W	9	12	4.0	1.4	1.0	0.5	2	12	2	8	7	6	21	2	2	0		0	0	31	0	0	31	0	3
August	E	SSW-W	12	15	4.6	3.1	1.4	1.1	3	7	4	6	11	1	15	7	3	5		0	0	31	0	0	31	0	0
September	E	SSW-W	11	14	4.4	2.9	1.5	1.4	1	9	6	4	10	2	14	8	4	2		0	0	30	0	0	30	1	6
October	E/ESE	SW-W	8	12	5.8	5.1	3.0	1.7	0	3	7	6	15	0	5	9	4	13		0	0	31	0	0	31	3	13
November	E	W	5	9	6.8	6.1	3.7	2.3	0	1	4	25	0	0	1	7	5	17		0	1	29	0	1	29	15	26
December	E	S-WNW	6	9	6.7	5.9	3.3	2.5	0	1	6	5	19	0	7	5	2	17		0	0	31	0	0	31	18	29
Year	E	S-W	8	11	5.7	4.8	2.3	2.1	6	57	51	89	162	12	91	67	65	130		0	2	363	0	2	363	108	200

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 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						Mean	Mean	Max. + Min.	Mean				
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	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	-	-	79.4	84.3	75.1	75.4	91.0	18	70.0	4	86.9	74.9	80.9	12.0	87	75	4.87	1.57	3
February	-	-	79.7	85.4	75.0	75.4	93.0	8	71.0	24	87.7	75.1	81.4	12.6	86	73	8.75	1.80	8
March	-	-	79.7	85.7	75.5	76.3	91.0	17	72.5	20	87.6	75.1	81.3	12.5	87	73	5.68	2.32	19
April	-	-	79.2	84.5	74.2	75.3	90.5	2,4	72.5	27,29	86.7	74.7	80.2	12.0	85	74	9.50	3.40	28
May	-	-	78.2	83.3	71.5	72.0	90.0	7	70.5	19,20	86.3	73.3	79.8	13.0	80	69	1.17	0.45	22
June	-	-	75.3	82.1	66.0	68.5	88.0	19	63.5	21	84.8	70.0	77.4	14.8	73	63	0.00	0.00	-
July	-	-	75.3	81.1	67.0	68.0	86.5	29	65.0	5	83.1	69.9	76.5	13.2	76	64	0.00	0.00	-
August	-	-	76.0	81.1	67.5	68.8	90.0	24	66.5	31	83.7	69.9	76.8	13.8	76	66	0.03	0.03	26
September	-	-	78.4	82.6	70.8	70.9	89.0	4	70.0	4,16,18	84.6	72.7	78.7	11.9	78	68	2.20	1.30	14
October	-	-	81.3	83.4	71.5	71.4	88.5	27	70.0	20	85.5	74.6	80.1	10.9	73	67	0.66	0.21	25, 30
November	-	-	83.1	85.6	73.5	74.0	89.5	19,20,24	73.0	1	87.6	77.1	82.3	10.5	73	68	2.37	1.13	10
December	-	-	83.7	87.1	75.4	75.9	92.0	22,29	75.5	6	89.3	79.1	84.3	10.2	76	70	4.38	2.49	4
Year	-	-	79.1	83.9	71.9	72.7	93.0	Feb. 8	63.5	June 21	86.1	73.9	80.0	12.2	79	69	39.61	3.40	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	S/NW	N	3	4	3.9	3.6	3.8	3.4	7	2	13	9	0	3	6	17	5	0	0	0	31	0	0	31	6	0
February	W	NE/N	3	5	3.0	2.9	3.7	2.9	3	13	8	2	2	5	10	9	3	1	0	0	28	0	0	28	15	1
March	S/W	E/N	2	3	3.9	3.3	3.4	3.4	1	13	4	10	3	2	12	10	7	0	0	0	31	0	0	31	11	1
April	SE/S	E	3	5	2.3	4.2	2.3	4.1	10	9	6	4	1	0	11	10	9	0	0	0	30	0	0	30	13	0
May	SE/S	E	4	6	3.2	3.2	2.8	3.2	4	12	7	5	3	3	16	3	8	1	0	0	31	0	0	31	5	0
June	SE/S	E	4	5	2.6	2.2	1.6	2.3	13	7	1	4	5	2	20	8	0	0	0	0	30	0	0	30	0	0
July	SE	E	3	6	4.1	4.2	3.1	3.2	3	6	12	7	3	0	10	11	3	2	0	0	31	0	0	31	0	0
August	SE	E	3	6	4.2	4.3	3.5	3.0	2	8	8	12	1	0	7	17	3	4	0	0	31	0	0	31	1	0
September	SE	E	3	4	4.4	3.2	4.2	2.7	0	4	16	6	1	0	11	14	1	1	0	0	27	0	0	27	5	0
October	E	E	3	4	2.3	3.0	2.3	3.1	0	21	9	0	1	0	17	11	1	2	0	0	31	0	2	29	5	0
November	E/N	E	2	3	2.2	1.7	2.0	1.7	2	23	4	1	0	6	21	3	0	0	0	0	30	0	0	30	8	0
December	N	N	3	3	1.9	1.8	1.7	1.8	1	30	0	0	0	9	17	4	0	1	0	0	31	0	0	31	7	1
Year.	SE/S	E	3	5	3.2	3.1	2.9	2.9	46	148	88	60	20	30	158	117	45	12	0	0	362	0	2	360	76	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 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 KONDOA-IRANGI IN 1954.

Latitude 4° 55'S Longitude 35° 48'E Altitude 4400 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	Max. + Min.	Mean			Max. Fall	
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Max.	Min.	2	Range	0830	1430	Total	in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	865.0	861.0	68.2	79.4	62.2	62.1	89.2	10	59.0	25	83.2	62.2	72.7	21.0	81	56	4.46	1.36	17
February	864.2	861.0	69.4	84.0	61.7	59.5	91.0	22	58.3	16	86.6	62.5	74.5	24.1	76	44	2.57	2.16	26
March	864.2	861.2	70.2	84.6	63.5	63.8	91.0	18	59.5	17	87.8	63.2	75.5	24.6	80	50	0.05	0.05	17
April	865.6	862.5	67.4	78.5	61.6	62.7	86.0	23	56.7	26	82.2	61.5	71.9	20.7	82	59	1.77	0.52	13
May	865.8	862.9	66.6	77.4	60.4	62.3	86.4	4	55.0	28	80.2	59.8	70.0	20.4	81	60	2.32	1.04	23
June	867.5	864.2	63.3	78.0	57.6	63.6	82.2	27,28,30	48.0	12	80.0	54.1	67.1	25.9	82	62	0.00	0.00	-
July	866.7	864.1	61.5	77.7	54.5	5 .5	84.1	31	49.2	1,5,6	80.0	53.6	66.8	26.4	78	50	0.00	0.00	-
August	867.3	864.3	63.5	77.7	57.7	63.1	85.2	30	51.0	10	80.5	54.7	67.6	25.8	82	61	0.06	0.06	2
September	867.0	863.2	65.5	82.4	61.2	73.2	87.1	15	55.1	1	84.7	57.9	71.3	26.8	86	74	0.00	0.00	-
October	865.9	861.3	69.1	85.5	65.7	79.5	93.8	21	53.8	13	88.3	60.1	74.2	28.2	89	83	0.03	0.02	29
November	864.9	860.9	72.0	87.3	63.3	55.9	94.0	23	58.0	3	90.3	62.4	76.3	27.9	74	35	0.01	0.01	27
December	863.8	860.4	71.0	83.1	64.4	63.9	92.2	29	60.2	8	87.6	62.8	75.2	24.8	80	52	4.43	1.36	3
Year	865.7	862.3	67.3	81.3	61.1	63.9	94.0	Nov. 23	48.0	June 12	84.3	59.6	71.9	24.7	81	57	15.70	2.16	Feb. 26

Month	Prevailing Wind Direction (1)		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	S/N	1	2	6.1	6.7	3.4	5.1	0	3	6	12	10	0	0	3	21	7	2	2	27	3	2	26	11	2
February	NE/N	NE/E/N	6	5	4.8	5.5	4.1	5.1	3	1	14	4	6	0	2	8	17	1	0	4	24	0	0	28	2	1
March	NE/E/N	NE/N	6	4	5.5	5.9	4.7	5.5	0	0	14	13	4	0	0	8	22	1	0	0	31	0	1	30	1	1
April	NE/E/N	NE-SE	2	2	6.9	6.6	6.5	6.4	1	0	4	9	16	0	0	2	24	4	0	1	29	1	1	28	9	3
May	NE/E/N	NE/E/N	3	2	5.5	6.0	5.3	5.7	0	8	3	11	9	0	2	7	16	6	0	1	30	1	1	29	4	0
June	NE/E	NE-S	3	3	3.3	4.5	2.5	4.1	2	14	7	5	2	1	4	13	11	1	0	0	30	0	0	30	0	0
July	NE/N	NE-S/E	6	4	3.7	4.1	3.2	3.7	3	10	8	6	4	1	7	15	8	0	0	2	29	0	0	31	0	0
August	NE/E	NE-SE	6	5	4.2	5.3	3.4	5.1	0	9	11	9	2	1	4	5	18	3	0	0	31	0	0	31	1	0
September	NE	E/N	9	5	4.2	4.5	3.9	4.4	1	7	11	6	3	1	0	20	7	0	0	0	28	0	0	28	0	0
October	NE/N	N	8	5	4.5	4.7	3.8	4.1	1	5	5	12	1	1	2	10	11	0	0	0	24	0	0	24	2	0
November	NE/N	NE-E/N	9	7	4.2	4.9	3.8	4.5	0	6	17	7	0	0	2	21	7	0	0	0	30	0	0	30	1	0
December	N	N	3	3	4.0	5.7	3.3	5.3	2	6	12	6	3	0	0	12	14	3	1	0	28	1	1	27	9	0
Year	NE/N	NE/N	5	4	4.7	5.4	4.0	4.9	13	69	112	100	60	5	23	124	176	26	3	10	341	6	6	341	40	7

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 6° 12'S Longitude 36° 25'E Altitude 3350 feet. Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature				Mean Max.	Mean Min.	Max. + Min. 2	Mean Range	Relative Humidity		Rainfall		
			Dry Bulb		Dew Point														
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date					0830	1430	Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	70.1	83.0	65.5	66.6	93.0	2,3	62.0	6	86.1	65.0	75.5	21.1	86	58	4.43	1.31	28
February	-	-	71.6	87.4	64.5	62.5	95.0	3	60.0	15	89.6	65.0	77.3	24.6	78	45	3.52	2.26	23
March	-	-	71.7	86.0	65.2	64.5	91.0	16,19	-	-	88.1	-	-	-	80	49	1.37	0.65	17
April	-	-	71.6	84.0	63.8	63.3	90.0	2	-	-	86.0	-	-	-	76	51	1.44	1.37	8
May	-	-	70.0	83.1	61.7	60.9	89.0	21	-	-	85.1	-	-	-	75	47	0.28	0.16	23
June	-	-	67.2	81.5	55.9	56.2	88.0	1	-	-	83.0	-	-	-	67	42	0.00	0.00	
July	-	-	63.8	80.4	54.6	55.4	86.0	17,30	-	-	82.4	-	-	-	72	42	0.00	0.00	-
August	-	-	65.1	80.5	56.8	54.4	86.0	Often	-	-	82.4	-	-	-	75	41	0.00	0.00	-
September	-	-	68.1	84.3	57.5	55.3	89.0	8,11	-	-	85.7	-	-	-	69	37	0.00	0.00	-
October	-	-	71.0	86.7	58.0	54.6	93.0	21,26	-	-	88.1	-	-	-	64	34	0.00	0.00	-
November	-	-	73.1	88.5	60.3	56.8	93.0	4,19	-	-	90.5	-	-	-	65	35	0.46	0.46	5
December	-	-	72.9	88.9	64.1	60.0	94.0	10	-	-	89.6	-	-	-	74	38	2.17	0.91	4
Year	-	-	69.7	84.5	60.7	59.2	95.0	Feb. 3	-	-	86.4	-	-	-	73	43	13.69	2.26	Feb. 23

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	NE	NE/SE	12	15	5.8	6.3	4.8	2.7	0	2	8	12	9	0	0	9	13	9		0	10	21	0	2	29	16	6
February	NE	NE/SE	10	13	3.4	5.0	2.6	4.1	4	9	6	4	5	0	3	17	4	4		0	9	19	0	1	27	4	1
March	NE	NE/SE	10	12	4.1	4.8	3.4	4.2	0	9	10	10	2	0	1	22	6	2		0	0	31	0	0	31	3	1
April	NE-SE	SE	8	11	4.2	4.5	3.1	4.6	0	8	14	5	3	0	2	15	13	0		0	0	30	0	0	30	3	1
May	E	SE	8	10	3.7	4.7	3.0	4.6	3	11	7	6	4	0	5	14	11	1		0	0	31	0	0	31	2	0
June	E	SE	8	7	1.4	2.6	1.0	2.4	12	13	4	0	1	6	10	9	5	0		0	0	30	0	0	30	0	0
July	E	NE-S	9	7	1.5	3.5	0.3	2.8	16	8	4	2	1	3	7	16	4	1		0	0	31	0	1	30	0	0
August	E	SE	10	9	2.5	4.6	1.1	4.3	6	15	4	3	3	1	5	13	10	2		0	0	31	0	0	31	0	0
September	E	E/SE	11	11	1.5	4.0	1.2	4.0	6	18	5	1	0	1	6	16	7	0		0	0	30	0	0	30	0	0
October	E	SE	9	8	2.6	3.1	1.5	2.6	5	12	11	1	2	0	11	17	2	1		0	0	31	0	0	31	0	0
November	E	E/SE	6	8	3.3	3.6	2.2	3.0	5	9	9	4	3	0	8	19	3	0		0	0	30	0	0	30	1	0
December	E	E/SE	6	8	2.7	3.9	1.4	3.8	6	14	4	4	3	0	9	13	7	2		0	2	29	0	3	28	8	3
Year	E	SE	9	10	3.1	4.3	2.1	3.6	63	128	86	52	36	11	67	180	85	22		0	21	344	0	7	358	37	12

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 LINDI METEOROLOGICAL STATION IN 1954.

Latitude 10° 00'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						Mean	Mean	Max. + Min.	Mean				Max. Fall	
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Max.	Min.	2	Range	0830	1430	Total	in 24 hrs.	Date
	mb.	mb.	°F	°F	°F.	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	1006.8	1004.2	78.1	84.0	74.1	75.7	90.2	13	70.2	3	86.8	74.5	80.7	12.3	87	76	8.49	3.54	2
February	1007.3	1004.8	77.2	86.0	74.4	74.9	91.8	5	70.0	24	88.4	73.9	81.1	14.5	90	70	3.52	0.75	23
March	1008.2	1005.5	77.3	86.5	73.9	75.0	92.2	30	69.5	22	88.8	73.6	81.2	15.2	89	70	1.92	0.96	26
April	1009.2	1007.1	77.0	85.5	72.9	72.9	93.0	4	70.8	25	88.6	73.2	80.9	15.4	87	67	5.73	1.34	10
May	1010.7	1007.9	74.7	85.0	70.3	70.7	90.0	13,29,30	65.4	19	87.9	70.6	79.3	17.3	86	63	1.81	1.49	22
June	1013.7	1010.9	70.9	85.2	64.8	65.5	89.4	17	60.4	21	87.3	66.1	76.7	21.2	81	52	0.02	0.02	1
July	1013.4	1010.8	70.0	83.7	65.3	66.7	89.8	23,28	62.6	27	85.9	65.6	75.7	20.3	85	57	0.00	0.00	-
August	1013.6	1011.1	71.8	83.3	65.9	68.1	90.2	19	62.6	20	86.9	66.3	76.6	20.6	82	61	0.09	0.09	23
September	1013.2	1010.7	73.9	82.1	70.5	73.3	89.8	9	63.8	4	85.9	68.7	77.3	17.2	89	75	2.09	1.11	14
October	1012.0	1009.1	77.0	83.4	71.4	72.8	92.0	21	64.2	15	86.0	69.3	77.7	16.7	83	71	0.42	0.15	15
November	1010.7	1007.9	80.2	85.6	73.4	73.6	90.0	9	69.0	1	88.0	73.2	80.6	14.8	80	67	1.18	0.31	26
December	1008.0	1004.8	81.3	87.5	73.7	73.1	92.0	10,14	71.0	1	89.7	74.7	82.2	15.0	78	63	1.96	0.81	26
Year	1010.6	1007.9	75.8	84.8	70.9	71.9	93.0	Apr. 4	60.4	June 21	87.5	70.8	79.1	16.7	85	66	27.23	3.54	Jan. 2

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	S/N	NE	2	7	6.8	6.6	4.8	4.8	0	1	4	10	16	0	0	4	15	12	0	0	31	0	1	30	15	15
February	S	NE/N	2	8	6.3	5.7	4.2	3.8	0	0	6	15	7	0	2	7	13	6	0	0	28	0	0	28	15	10
March	S/SW	NE	3	7	4.6	5.4	3.4	4.3	0	9	8	7	7	0	2	13	8	8	0	0	31	0	0	31	10	13
April	S/SW	SE/S	4	6	4.8	6.3	3.4	4.6	0	8	6	11	5	0	1	5	13	11	0	0	30	0	1	29	15	5
May	S/SW	NE/SE	5	5	3.7	5.3	2.7	4.1	1	12	8	7	3	0	1	15	12	3	0	0	31	0	0	31	7	2
June	S/SW	NE-S	6	7	2.1	4.6	1.4	3.8	4	17	6	1	2	1	3	13	12	1	0	0	30	0	0	30	1	1
July	S/SW	NE/SE	4	8	3.3	5.7	2.3	4.3	2	13	9	3	4	0	0	12	14	5	0	0	31	0	0	31	0	0
August	S/SW	NE	6	12	3.3	4.9	2.5	4.0	3	12	9	6	1	0	5	10	14	2	0	0	31	0	0	31	1	0
September	SW	NE/ENE	5	11	4.9	5.0	3.9	3.5	0	8	7	12	3	0	7	7	12	4	0	0	30	0	0	30	6	1
October	SE-SSW	NE	4	14	5.2	3.3	4.8	2.2	0	3	12	12	4	0	18	5	7	1	0	0	31	0	0	31	5	0
November	NE-SW	NE	5	15	6.7	3.0	5.6	2.2	0	1	10	16	3	0	13	13	3	1	0	0	30	0	0	30	8	1
December	S-SW	NE	5	15	5.1	4.0	3.8	1.9	0	2	14	7	8	0	13	9	6	3	0	0	31	0	0	31	10	7
Year	S/SW	NE	4	10	4.7	5.0	3.6	3.6	10	86	99	107	63	1	65	113	129	57	0	0	365	0	2	363	93	55

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.

Latitude 0.3° 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													
	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	-	-	68.0	80.5	63.0	67.7	86.9	3,25	54.0	17	83.7	57.7	70.7	26.0	84	65	1.67	0.98	16
February	-	-	67.5	81.9	61.0	59.2	90.3	11	51.8	2,4	84.6	56.4	70.5	28.2	80	47	2.47	1.76	25
March	-	-	67.1	81.1	61.5	61.0	87.3	19	54.5	4,8	83.8	57.3	70.5	26.5	82	51	0.15	0.09	22
April	-	-	64.8	73.6	62.7	63.9	83.1	20	56.8	11	77.5	61.7	69.6	15.8	93	71	24.76	3.58	30
May	-	-	63.0	70.2	61.5	62.8	78.8	28	57.6	28	73.0	60.6	66.8	12.4	95	78	16.64	2.34	1
June	-	-	60.6	68.1	58.0	60.5	77.5	11	54.0	22	70.8	58.3	64.5	12.5	91	76	1.47	0.44	25
July	-	-	58.6	67.7	55.4	56.0	74.3	18	51.4	30	69.9	54.8	62.3	15.1	89	66	0.46	0.23	6
August	-	-	59.5	69.5	56.5	55.5	76.6	5	50.0	4	71.6	55.3	63.5	16.3	89	62	1.76	1.28	26
September	-	-	61.3	74.3	57.5	56.8	78.8	12,14	48.9	22	76.3	54.8	65.5	21.5	88	55	0.42	0.19	27
October	-	-	64.3	77.4	59.3	58.5	85.6		51.4	15	79.1	56.1	67.6	23.0	84	53	0.44	0.13	25
November	-	-	66.2	78.9	61.0	60.9	89.6	9	53.6	Often	81.5	56.9	69.2	24.6	83	54	1.30	0.63	16
December	-	-	67.1	79.8	60.5	60.9	87.4	11	52.7	23	82.9	56.0	69.5	26.9	79	53	1.23	0.67	9
Year	-	-	64.0	75.3	59.8	60.3	90.3	Feb. 11	48.9	Sept. 22	77.9	57.2	67.5	20.7	86	61	52.77	3.58	Apr. 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				
	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	CALM	E-S	0	3	3.3	5.5	2.0	5.1	6	14	4	3	4	0	3	10	16	2	0	0	31	0	0	31	7	0
February	E-S	E/SE	2	3	2.3	5.3	1.8	4.7	10	9	3	4	2	0	2	13	12	1	0	0	28	0	0	28	8	4
March	CALM	E/SE	0	4	3.7	5.3	0.4	5.1	0	13	8	10	0	0	1	14	15	1	0	0	31	0	0	31	5	2
April	SE	SE	1	3	7.3	6.1	7.2	5.8	0	0	4	4	22	0	0	10	12	8	1	3	26	0	1	29	29	4
May	SE	SE	1	1	7.8	6.9	7.9	6.5	0	0	0	5	26	0	0	4	16	11	2	7	22	0	1	30	27	0
June	SE	SE	1	2	7.8	5.8	7.5	5.5	0	0	1	3	26	0	1	12	9	8	0	1	29	0	0	30	11	0
July	SE	SE	1	2	7.3	5.7	7.3	5.4	1	1	1	4	24	0	2	9	14	6	0	2	29	0	0	31	5	0
August	SE	SE	1	2	6.5	5.2	6.5	5.4	1	1	7	0	22	0	4	9	11	7	0	1	30	0	0	31	9	0
September	SE	SE	1	3	6.1	4.7	5.9	4.4	1	4	2	10	13	0	3	16	11	0	0	1	29	0	0	30	5	0
October	SE	SE	1	2	5.7	4.6	5.6	4.3	1	6	5	5	14	0	4	16	10	1	0	0	31	0	0	31	8	1
November	CALM	SE	0	3	6.2	5.4	5.9	4.9	0	0	7	19	4	0	1	8	21	0	0	1	29	0	0	30	7	2
December	SE	SE	1	4	2.3	5.3	2.0	5.2	8	11	9	2	1	0	5	7	18	1	0	0	31	0	0	31	10	1
Year	SE	SE	1	3	5.5	5.5	5.0	5.2	28	59	51	69	158	0	26	128	165	46	3	16	346	0	2	363	131	14

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 MBEYA IN 1954.

Latitude 08° 56'S Longitude 33° 28'E Altitude 5768 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	Max. + Min.	Mean					
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	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	828.2	826.7	62.0	68.4	57.4	58.5	77.4	10	54.0	13	72.8	57.5	65.1	15.3	85	71	6.47	1.82	14
February	828.0	826.8	62.9	71.6	57.0	58.7	80.0	8	53.6	16	75.3	57.2	66.3	18.1	82	64	2.62	1.12	16
March	828.6	827.0	62.6	71.6	56.8	54.5	78.2	28	53.5	11,12	74.9	56.6	65.7	18.3	82	67	1.41	0.32	13
April	829.8	828.3	61.2	71.0	55.2	58.7	79.1	21	47.7	16	73.6	54.3	63.9	19.3	81	65	2.12	0.89	12
May	829.8	828.4	60.3	71.9	52.3	54.3	78.0	18,23	42.2	20	74.3	51.1	62.7	23.2	75	54	1.39	0.79	9
June	831.0	829.8	56.0	67.6	48.2	48.6	76.0	17	41.0	22	69.1	47.5	58.3	21.6	76	51	0.00	0.00	-
July	830.3	829.0	53.7	69.4	43.9	47.3	77.0	17	39.2	30	71.3	45.1	58.2	26.2	69	45	0.00	0.00	-
August	830.8	829.4	57.5	69.6	45.6	49.2	79.4	29	42.2	7	72.5	49.0	60.7	23.5	65	49	0.00	0.00	-
September	830.6	828.5	61.4	74.7	46.6	49.0	80.0	22	45.5	8	77.2	50.9	64.1	26.3	59	41	0.04	0.04	16
October	829.5	826.9	65.4	78.6	48.9	47.4	87.9	27	49.9	2	81.2	53.9	67.5	27.3	55	34	0.04	0.04	31
November	829.2	826.4	66.1	79.2	53.5	50.2	85.2	21	51.6	6	82.1	56.5	69.3	25.6	64	37	0.78	0.42	1
December	828.3	825.6	63.4	69.1	57.3	58.0	80.6	1	54.4	31	74.4	57.1	65.7	17.3	81	68	7.33	2.32	2
Year	829.5	827.7	61.0	71.9	51.9	53.3	87.9	Oct. 27	39.2	July 30	74.9	53.1	64.0	21.8	73	54	22.20	2.32	Dec. 2

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	VARIABLE	SE-WNW	2	8	7.3	7.0	3.1	5.2	0	1	1	4	25	0	0	1	7	23	0	0	31	0	0	31	20	17
February	E	E/W	4	9	6.1	6.6	2.6	5.6	0	3	5	4	16	0	0	5	5	18	0	0	28	0	0	28	14	9
March	E	E	3	7	5.8	7.0	2.0	5.8	0	2	9	9	11	0	0	0	14	17	1	0	30	0	0	31	13	22
April	E-SSE	E-S	3	8	5.0	6.2	1.7	5.6	0	4	11	9	6	0	0	7	14	9	0	0	30	0	0	30	11	5
May	E	E-S	4	9	3.6	4.9	1.2	4.1	3	11	6	7	4	0	5	11	11	4	0	0	31	0	1	30	5	1
June	E/SE	S	7	14	2.9	3.4	1.8	2.4	0	18	6	3	3	0	14	8	7	1	0	0	30	0	0	30	0	0
July	E	SE-SSW	4	11	2.1	2.8	1.0	2.0	2	21	3	5	0	0	17	10	3	1	0	0	31	0	0	31	0	0
August	E	SSE/S	7	13	1.8	3.9	1.2	3.4	1	24	4	2	0	0	12	13	4	2	0	0	31	0	0	31	0	0
September	E	E-S	12	12	1.1	3.8	0.7	3.4	8	20	1	1	0	0	9	15	6	0	0	0	30	0	0	30	1	1
October	E	E-S	13	12	2.1	4.3	0.3	3.1	4	17	7	3	0	0	7	11	7	6	0	0	31	0	0	31	1	3
November	E	NE-S	11	12	4.2	6.6	1.3	5.4	0	9	8	10	3	0	1	4	15	10	0	0	30	0	0	30	3	13
December	E	E/W	6	7	5.9	7.2	2.6	4.5	0	4	6	14	17	0	0	4	7	20	1	3	27	0	0	31	19	20
Year	E	E-S	6	10	4.0	5.3	1.6	4.2	18	134	67	61	85	0	65	89	100	111	2	3	360	0	1	364	87	91

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 MPULU IN 1954.

Latitude 03° 52'S Longitude 35° 33'E Altitude 5700 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	Max. + Min.	Mean				
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	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	-	-	61.8	72.8	57.3	58.1	80.0	12	48.0	2	75.7	53.9	64.8	21.8	85	60	5.46	1.16	27
February	-	-	62.7	75.1	58.3	56.6	83.0	23	47.0	11,13	77.5	56.5	67.0	21.0	83	53	0.75	0.31	23
March	-	-	63.7	75.7	59.0	56.2	83.0	20	49.0	4	79.6	58.7	69.1	20.9	85	51	0.88	0.66	1
April	-	-	61.0	69.9	57.7	58.5	79.0	1,3	54.0	11	74.1	58.0	66.1	16.1	89	67	8.73	3.48	11
May	-	-	58.4	67.7	56.6	58.2	75.0	8	50.0	31	72.3	56.2	64.3	16.1	94	72	2.85	1.29	9
June	-	-	55.7	65.4	52.3	55.8	73.0	Often	44.0	Often	71.8	48.2	60.0	23.6	89	71	0.00	0.00	-
July	-	-	54.1	65.6	49.7	52.5	73.0	29	42.0	26,29,30	70.2	46.7	58.5	23.5	86	63	0.63	0.63	27
August	-	-	54.3	64.5	50.0	53.2	78.0	3	45.0	Often	73.0	46.5	59.7	26.5	85	67	0.02	-	-
September	-	-	55.2	67.2	48.3	52.3	78.0	30	47.0	22,23	73.1	51.0	62.1	22.1	78	59	0.35	0.35	14
October	-	-	54.8	72.5	48.0	52.5	78.0	Often	48.0	10,12,13	76.9	50.1	63.5	26.8	79	50	0.51	0.46	29
November	-	-	57.2	79.4	54.5	66.5	85.0	23	51.0	Often	80.1	55.5	67.8	24.6	90	65	1.14	0.48	27
December	-	-	61.7	75.0	56.8	69.7	83.0	11,12	56.0	Often	77.3	58.9	68.1	18.4	84	83	3.03	1.12	3
Year	-	-	58.4	70.9	54.0	57.5	85.0	Nov. 23	42.0	July 26,29,30	75.1	53.3	64.2	21.8	86	63	24.35	3.48	April 11

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Clouds																Frequency of Visibility						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	13	15	5.1	5.0	4.8	5.2	8	2	0	10	11	7	0	2	12	10	0	1	30	0	0	31	12	6
February	SE	SE	15	16	5.8	3.5	5.6	3.1	1	5	1	11	10	0	11	10	4	3	0	0	28	0	0	28	4	1
March	SE	SE	15	15	5.9	3.9	5.8	3.8	0	5	4	5	14	0	10	7	10	1	0	0	28	0	0	28	3	1
April	SE	SE	14	14	7.0	5.9	7.0	6.0	0	2	1	5	22	0	1	7	16	6	0	25	5	0	2	28	16	0
May	SE	SE	15	14	7.6	4.6	7.6	4.6	0	1	0	5	25	0	5	16	4	6	0	30	1	0	0	31	12	0
June	SE	SE	14	15	7.0	4.0	7.3	4.0	0	1	3	7	18	0	8	11	7	2	0	24	5	0	0	28	0	0
July	SE	SE	13	14	6.7	3.8	7.0	3.8	0	2	6	2	21	0	9	14	6	0	0	22	9	0	1	28	1	0
August	SE	SE	16	15	7.1	4.7	7.1	4.1	0	1	4	3	20	0	7	13	6	2	0	22	6	0	0	28	(	0
September	SE	SE	17	18	7.1	3.4	7.4	3.2	0	3	0	5	21	0	14	7	6	2	0	18	11	0	0	29	1	0
October	SE	SE	15	15	7.2	2.8	7.1	2.5	0	3	1	1	25	4	11	10	4	0	0	14	16	0	0	29	2	0
November	SE	SE	15	14	7.9	4.4	7.9	4.0	0	0	0	3	24	0	8	12	7	1	1	5	21	0	0	28	8	0
December	SE	SE	16	18	6.2	4.7	6.2	4.7	0	1	10	5	10	0	3	14	8	0	0	4	22	0	1	24	9	5
Year	SE	SE	15	15	6.7	4.2	6.7	4.1	9	26	30	62	221	11	87	123	78	33	1	165	182	0	4	340	69	13

(Record incomplete.

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 MOROGORO IN 1954.

Latitude 06° 51'S Longitude 37° 40'E Altitude 1900 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	-	-	74.2	84.6	70.1	69.5	89.8	19	65.8	18	85.9	69.6	77.7	16.3	87	61	6.73	1.77	17
February	-	-	75.2	87.1	70.0	69.3	93.7	14	63.2	1	89.1	68.5	78.8	20.6	84	56	4.38	1.13	17
March	-	-	75.0	86.3	71.1	70.4	91.8	18,19	65.9	11	88.2	69.1	78.7	19.1	88	59	3.18	1.09	21
April	-	-	76.6	86.4	73.1	74.0	92.0	22	63.0	15	88.1	69.9	79.0	18.2	89	67	7.00	2.46	12
May	-	-	71.8	80.4	69.5	69.7	90.0	3	58.4	28	82.9	66.5	74.7	16.4	93	71	6.34	1.18	22
June	-	-	66.9	79.7	62.8	62.4	88.0	9	52.0	22	81.0	58.7	69.9	22.3	87	56	0.00	0.00	-
July	-	-	65.5	80.0	61.7	60.9	86.3	30	52.3	30	81.1	58.7	69.9	22.4	87	52	0.62	0.50	13
August	-	-	68.1	80.7	63.0	59.9	89.0	23	56.5	20	82.5	61.8	72.1	20.7	84	50	0.15	0.06	2
September	-	-	70.7	84.7	63.7	59.5	89.3	14	57.2	1	86.1	61.7	73.9	24.4	78	43	0.14	0.11	19
October	-	-	73.3	86.2	65.1	61.8	94.7	21	57.7	14	88.0	64.3	76.1	23.7	76	45	2.13	1.35	23
November	-	-	75.6	87.4	67.8	65.2	91.3	29	62.6	3	88.4	66.6	77.5	21.8	77	48	0.29	0.28	6
December	-	-	76.1	88.9	68.8	67.0	92.9	1	62.9	1	90.0	69.0	79.5	21.0	78	49	2.69	1.86	3
Year	-	-	72.4	84.4	67.2	65.8	94.7	Oct. 21	52.0	June 22	85.9	65.4	75.7	20.5	84	55	33.65	2.46	April 12

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	NE	NE/N	4	10	7.1	6.1	3.4	2.6	0	0	2	15	14	0	1	7	17	6	0	1	30	0	0	31	11	10
February	NE/N/N	NE	4	10	5.9	5.3	3.7	2.6	0	1	11	9	7	0	2	15	6	5	0	0	28	0	0	28	7	6
March	NE	NE	3	9	6.0	5.3	4.2	3.1	0	0	9	18	4	0	0	17	13	1	0	0	31	0	0	31	7	2
April	N/N	N-N	3	4	6.0	6.7	4.4	4.8	0	0	10	13	6	0	0	1	26	1	0	0	29	0	0	28	16	2
May	NE/NW/N	NE/NW	3	3	5.2	6.0	3.6	4.1	0	5	10	10	6	0	1	9	14	7	0	0	31	0	0	31	16	0
June	NE/NW/N	NE/NW	3	5	4.1	5.2	2.7	3.9	1	8	12	6	3	0	3	13	9	5	0	0	30	0	0	30	0	0
July	W-N	SE-SW	2	7	4.0	5.6	2.8	4.3	1	10	10	7	3	0	3	6	17	5	0	0	31	0	0	31	3	0
August	NW	E-SW	3	9	4.4	5.8	3.3	4.0	1	7	12	6	5	0	1	10	14	6	0	0	31	0	0	31	5	0
September	SW-NW	SE-SW	3	8	6.1	5.4	3.2	3.2	0	6	13	10	1	0	2	11	15	2	0	0	30	0	0	30	2	0
October	SW/NW	NE-SW	2	7	4.2	4.9	3.0	3.1	0	3	20	6	2	0	1	23	5	2	0	0	31	0	0	31	7	1
November	NE	NE	5	9	4.8	4.3	3.0	2.6	0	1	17	11	1	0	3	20	7	0	0	0	30	0	0	30	2	2
December	NE	NE-E	4	6	4.6	4.5	3.4	2.7	0	7	10	11	3	0	2	20	7	2	0	1	30	0	0	31	3	2
Year	NE	NE	3	7	5.2	5.4	3.4	3.4	3	48	136	122	55	0	19	152	150	42	0	2	362	0	0	363	79	25

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 3° 21'S Longitude 37° 20'E Altitude 2668 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	920.0	916.4	72.1	89.6	62.3	59.1	96.3	25	60.2	2,24	92.4	64.1	78.3	28.3	71	36	1.02	0.39	1
February	920.2	916.7	72.3	90.0	62.2	60.	97.7	11	59.0	15	93.5	64.1	78.8	29.4	71	37	2.57	1.40	17
March	920.7	917.2	72.9	89.8	63.4	60.0	97.0	18	63.1	4	93.2	66.7	79.9	26.5	73	37	0.31	0.15	9
April	921.6	919.0	70.4	82.1	65.8	65.0	91.1		63.0	13	84.5	66.9	75.7	17.5	86	57	16.08	2.82	7
May	922.2	920.1	68.6	77.7	64.7	64.8	84.8	7	63.4	28	80.4	66.0	73.2	14.4	87	65	8.0	2.19	24
June	924.3	922.2	67.0	75.9	60.0	59.3	83.0	1	53.6	23	78.5	62.5	70.5	16.0	79	57	0.31	0.11	2,25
July	924.0	922.1	64.2	75.2	58.0	57.2	83.0	18	54.5	6	77.9	59.4	68.7	18.5	81	54	0.03	0.02	3
August	924.6	922.3	65.1	77.3	58.7	57.0	85.3	5	53.9	21	79.9	60.0	69.9	19.9	80	50	1.59	1.36	26
September	924.3	921.2	66.4	81.7	59.5	57.0	86.3	15	54.0	1	84.0	60.3	72.1	23.7	79	43	0.11	0.09	29
October	923.2	919.3	69.1	85.6	61.0	57.2	92.8	25	56.0	16	87.7	62.5	75.1	25.2	75	39	0.52	0.28	28
November	922.7	918.3	71.9	87.5	63.6	59.8	94.1	4	59.2	19	90.3	63.3	76.8	27.0	76	40	1.30	0.79	12
December	920.9	916.6	72.4	89.9	62.0	59.0	95.1	27	58.3	23	91.3	62.2	76.7	29.1	70	36	0.46	0.16	6
Year	922.4	919.3	69.4	83.5	61.8	59.6	97.7	Feb. 11	53.6	June 23	86.1	63.2	74.7	22.9	77	46	32.33	2.82	April 7

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	W	E/SE	2	7	4.7	5.7	1.7	3.8	1	8	8	2	12	0	2	11	11	7	0	0	31	0	0	31	7	8
February	SE/W	NE-S	2	5	3.8	4.6	2.6	4.3	0	13	5	6	4	0	5	11	10	2	0	1	27	0	0	28	5	6
March	E	E/SE	2	7	5.4	5.2	4.3	4.0	0	6	7	6	12	0	3	13	13	2	0	0	31	0	0	31	3	2
April	NE-S	NE-SE	1	3	7.2	5.9	6.8	4.3	0	1	1	4	24	0	2	8	11	9	0	2	28	0	0	30	24	4
May	VARIABLE	SE	1	2	7.5	6.5	6.8	5.3	0	0	2	3	26	0	0	5	18	8	0	2	29	0	0	31	13	0
June	NE/E	E/N	1	2	6.9	5.3	6.5	3.1	0	2	2	2	24	0	5	8	6	11	0	0	30	0	0	30	4	0
July	VARIABLE	NE-SE	1	2	7.0	5.6	5.9	4.0	0	2	1	6	22	0	3	11	3	14	0	0	31	0	0	31	2	0
August	VARIABLE	NE-SE	1	3	6.5	5.6	5.7	4.3	0	3	4	2	22	0	2	11	7	11	0	0	31	0	0	31	4	0
September	SE	E/SE	2	5	5.6	4.5	4.6	3.6	0	7	4	3	16	0	3	18	6	3	0	0	30	0	0	30	2	0
October	E/SE	E/SE	2	6	6.4	4.0	5.9	3.6	0	3	4	2	22	0	6	17	6	2	0	0	31	0	0	31	5	4
November	SE	SE	3	10	6.1	4.5	5.8	3.3	0	0	10	10	10	0	4	16	7	3	0	0	30	0	0	30	4	3
December	SE-W	SE	2	6	3.4	4.6	2.1	3.8	1	16	5	4	5	0	6	15	3	7	0	0	31	0	0	31	5	2
Year	SE	SE	2	5	5.9	5.2	4.9	3.9	2	61	53	50	199	0	41	144	101	79	0	5	360	0	0	365	78	29

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 MPWAPWA IN 1954.

Latitude 6° 20'S Longitude 36° 30'E Altitude 3700 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	-	-	68.6	77.3	65.2	64.9	89.0	24	59.0	10	82.4	62.6	72.5	19.8	89	67	6.87	2.75	8
February	-	-	69.3	82.9	63.6	62.5	93.0	11	58.0	3,5,8	86.1	62.0	74.1	24.1	82	51	4.02	1.04	23
March	-	-	70.3	81.5	65.1	66.2	87.0	24	59.0	8,25	84.3	61.6	72.9	22.7	84	60	3.24	1.34	2
April	-	-	69.7	79.5	63.8	63.7	87.5	5	60.0	22	82.0	64.3	73.1	17.7	82	59	1.61	0.43	29
May	-	-	68.3	78.0	60.9	59.3	85.0	14	51.5	20	80.1	62.1	71.1	18.0	77	53	0.51	0.25	8
June	-	-	65.7	76.3	53.6	53.6	82.0	1,9,28	53.0	28	78.0	58.6	68.3	19.4	65	46	0.00	0.00	-
July	-	-	63.3	76.5	54.8	52.3	83.0	30	51.5	27	78.4	56.9	67.7	21.5	74	43	0.00	0.00	-
August	-	-	63.9	76.1	55.0	52.3	82.0	Often	50.0	28	79.1	56.6	67.9	22.5	73	44	0.00	0.00	-
September	-	-	67.6	80.1	59.0	52.4	85.0	15	50.0	1	82.1	57.8	69.9	24.3	74	39	0.00	0.00	-
October	-	-	70.0	82.6	60.1	54.6	89.0	25	55.0	16	83.9	60.4	72.1	23.5	71	39	0.00	0.00	-
November	-	-	71.1	84.4	60.3	57.0	89.0	25	56.0	3,21	86.6	60.6	73.6	26.0	69	40	0.06	0.06	14
December	-	-	71.0	82.7	62.8	58.6	91.0	31	57.0	31	86.3	62.0	74.1	24.3	76	44	1.74	0.65	4
Year	-	-	68.2	79.8	60.3	58.1	93.0	11	50.0	Aug.-28 Sept.1	82.4	60.5	71.5	21.9	76	49	18.05	2.75	Jan. 8

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	SW-NW	SW-NW	2	4	6.8	6.9	7.1	6.9	0	0	2	16	13	0	0	1	23	7	0	24	7	0	-	25	23	0
February	NE-W	SE	3	5	5.9	6.9	5.9	6.9	0	0	14	6	8	0	0	2	19	7	0	16	12	0	2	26	10	0
March	NE/S-W	NE-SW	2	4	5.0	4.3	4.9	4.1	0	3	14	9	5	0	5	19	3	4	0	12	19	0	4	27	9	0
April	NE-SE	SE	4	7	6.1	5.7	6.1	5.6	0	0	11	13	6	0	2	10	15	3	0	9	21	0	2	28	11	0
May	E/SE	SE	4	6	6.3	5.0	6.3	5.0	0	2	7	11	11	0	3	13	11	4	0	8	23	0	2	29	8	1
June	NE-SE	SE/S	7	7	4.9	4.2	4.9	4.2	0	3	13	12	2	1	5	15	9	0	0	0	30	0	0	30	0	0
July	NE	SE	6	8	5.4	5.5	5.4	5.5	0	0	16	12	3	0	1	11	17	2	0	15	16	0	5	26	0	0
August	NE-SE	SE	5	9	5.9	5.3	5.9	5.3	0	1	9	16	5	0	0	14	11	6	0	13	18	0	3	28	0	0
September	SE	SE/S	5	10	4.8	4.0	4.8	3.6	1	0	17	12	0	1	2	19	8	0	0	10	20	0	3	27	0	0
October	SE/S	SE/S	6	10	4.5	4.1	4.5	4.0	4	0	14	11	2	0	1	23	7	0	0	5	26	0	2	29	0	0
November	SE/S	SE	5	8	4.6	5.0	3.8	4.2	2	2	14	11	1	0	1	14	12	3	0	1	29	0	0	30	1	0
December	S	SE/S	10	7	4.6	6.2	4.4	6.3	2	4	12	10	3	0	0	3	26	2	0	3	28	0	2	29	10	0
Year	NE-SE	SE	5	7	5.4	5.3	5.3	5.1	9	15	143	139	50	2	20	144	161	38	0	116	249	0	31	334	72	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 MUSOMA IN 1954.

Latitude 1° 30'S Longitude 33° 48'E Altitude 3764 feet. Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature				Mean Max.	Mean Min.	Max. + Min. 2	Mean Range	Relative Humidity		Rainfall		
			Dry Bulb		Dew Point														
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date					0830	1430	Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	886.0	883.8	72.3	79.7	62.9	64.4	85.0	Often	63.0	7	82.3	66.8	74.5	15.5	73	60	1.20	0.81	28
February	885.8	883.8	73.2	81.6	63.9	66.3	92.0	7	65.0	Often	85.0	67.9	76.5	17.1	70	60	0.72	0.16	20
March	885.5	883.5	73.8	82.0	65.0	67.6	90.0	28,29	62.0	5	85.1	68.6	76.9	16.5	75	62	1.70	0.40	7
April	887.2	884.7	70.7	78.4	64.7	66.5	86.0	15,22,23	63.0	3	81.2	65.6	73.4	15.6	81	68	18.00	6.27	4
May	887.1	884.8	70.6	77.9	64.8	66.7	84.0	2	63.0	4,28	80.2	65.9	72.7	14.9	82	69	4.76	1.38	2
June	887.7	885.7	69.1	78.5	62.7	64.7	83.0	Often	59.0	24	80.3	63.8	72.1	16.5	80	65	1.78	0.76	18
July	887.2	885.4	67.5	78.2	59.7	63.0	85.0	13	58.0	19	79.7	62.5	71.1	17.2	76	60	5.70	4.49	27
August	887.1	885.2	68.7	80.0	58.7	63.4	87.0	26	58.0	14	81.6	63.4	72.5	18.2	71	57	0.44	0.15	26
September	887.2	885.3	70.6	78.8	60.6	64.6	87.0	19,21	63.0	5,19,29	82.1	65.2	73.7	16.9	71	62	1.36	0.79	28
October	886.7	884.0	72.6	80.8	59.8	63.3	89.0	18	62.0	7,8	84.5	65.6	75.1	18.9	63	56	0.71	0.21	1
November	886.5	883.5	72.3	80.3	60.6	63.8	91.0	23	64.0	Often	84.7	66.5	75.6	18.2	66	58	1.73	0.45	17
December	885.9	884.0	70.8	78.1	63.2	64.7	88.0	23	62.0	3,14	81.1	65.8	73.5	15.3	77	64	1.85	0.64	2
Year	886.7	884.5	71.0	79.5	62.2	64.9	92.0	Feb. 7	58.0	July.19 Aug.14	82.3	65.6	73.9	16.7	74	62	39.95	6.27	April 4

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud. Total		Low		0830					1430					Frequency of Visibility (3) 0830			1430			No.of days of 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	SE	NW	3	4	6.3	6.2	4.1	3.8	0	0	1	30	0	0	0	2	28	1	0	0	31	0	1	30	3	1
February	SE	NW	5	6	6.0	6.0	3.8	3.6	0	0	10	15	3	0	0	3	25	0	0	3	25	0	0	28	8	0
March	SE	NW	3	5	6.1	6.2	4.0	3.8	0	0	8	23	0	0	0	1	30	0	0	0	31	0	0	31	9	0
April	SE	NW	3	3	6.3	5.2	4.9	5.1	0	0	3	22	5	0	0	0	26	4	0	2	28	0	1	29	25	5
May	SE	NW	3	3	6.5	6.4	5.3	5.4	0	0	4	21	6	0	0	0	26	5	0	2	29	0	1	30	22	2
June	SE	NW	4	4	6.4	6.2	4.9	4.3	0	0	5	19	6	0	0	0	29	1	0	3	27	0	0	30	10	0
July	SE	NW	6	4	5.7	6.3	4.3	4.5	0	1	13	14	3	0	0	1	28	2	0	1	30	0	1	30	6	2
August	SE	NW	6	5	6.3	6.1	4.3	4.0	0	0	3	28	0	0	0	0	31	0	0	0	31	0	0	31	7	0
September	SE	NW	5	5	6.2	6.1	4.9	4.5	0	0	10	17	3	0	0	2	28	0	0	0	30	0	0	30	9	1
October	SE	NW	6	6	5.6	5.9	4.5	4.4	0	0	19	11	1	0	0	4	27	0	0	0	31	0	0	31	11	0
November	SE	NW	5	5	5.7	6.2	4.3	4.9	0	0	13	16	1	0	0	1	28	1	0	0	30	0	0	30	14	2
December	SE	NW	4	4	6.3	6.8	5.6	6.5	0	0	13	11	7	0	0	1	28	2	0	1	30	0	0	31	11	0
Year	SE	NW	4	5	6.1	6.1	4.6	4.6	0	1	102	227	35	0	0	15	334	16	0	12	353	0	4	361	135	13

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 MWANZA AIRFIELD IN 1954.

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													
	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	-	-	70.3	77.1	63.4	65.0	88.0	31	61.0	19	81.8	65.4	73.6	16.4	79	67	5.26	1.94	20
February	-	-	71.4	78.2	62.4	63.1	91.0	7	60.8	14	83.9	65.1	74.5	18.8	74	53	5.61	2.35	24
March	-	-	72.0	83.7	63.5	64.8	89.2	30	64.0	1	85.2	66.6	75.9	18.6	75	53	1.48	0.40	31
April	-	-	70.1	79.4	64.8	65.7	86.8	23	62.0	22	82.0	64.9	73.4	17.1	83	63	8.35	1.96	1
May	-	-	70.4	78.8	64.3	66.5	85.8	29	60.5	27	81.3	64.5	72.9	16.8	81	66	5.04	1.07	9
June	-	-	69.1	81.2	58.4	61.0	86.0	17,27	53.7	24	83.2	62.0	72.6	21.2	69	51	0.08	0.08	1
July	-	-	67.3	78.4	55.7	57.8	88.2	3	53.1	20	80.8	59.2	70.0	21.6	67	49	0.04	0.04	26
August	-	-	68.5	79.0	54.5	57.4	87.8	5	59.0	8	81.6	62.2	71.9	19.4	61	49	0.57	0.34	2
September	-	-	71.6	78.4	59.0	61.8	84.4	21	62.0	3	81.4	64.9	73.1	16.5	65	57	0.55	0.29	4
October	-	-	74.5	80.7	58.5	60.4	87.0	12,13	61.0	10	83.7	65.5	74.6	18.2	55	50	0.43	0.18	29
November	-	-	74.7	81.9	59.1	58.9	89.0	20	60.5	6	83.7	66.4	75.1	17.3	58	46	2.41	1.19	30
December	-	-	69.8	76.0	64.0	64.0	84.0	25	61.0	2	78.0	64.9	71.5	13.1	82	67	9.90	4.58	1
Year	-	-	70.8	79.7	60.6	62.2	91.0	Feb. 7.	53.1	July 20	82.2	64.3	73.3	17.9	71	56	39.72	4.58	Dec. 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				
	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-S	NW	6	10	4.8	4.5	1.3	2.4	0	6	12	7	6	0	10	9	6	6	0	3	28	1	1	29	9	12
February	SE-SSW	NW	8	12	4.1	3.3	1.4	1.2	0	10	6	8	4	0	14	9	4	1	0	1	27	0	2	26	6	8
March	SE/SSE	NW/NNW	8	11	4.8	4.0	1.6	1.4	0	4	16	8	3	0	7	17	6	1	0	2	29	0	0	31	6	5
April	SE-SSW	SE-SSW	6	9	5.8	5.1	1.8	2.2	0	5	6	9	10	0	0	20	5	5	0	0	30	1	1	28	17	17
May	SE/SSE	NW-N	7	10	5.0	4.6	1.6	2.1	0	8	5	10	8	0	5	13	12	1	0	0	31	0	1	30	16	15
June	SE	SE-SW	10	9	3.5	3.6	0.7	1.8	2	11	10	2	5	2	6	17	5	0	0	0	30	0	0	30	1	5
July	SE	NW/NNW	11	12	3.8	3.5	0.9	1.5	1	12	10	5	3	1	11	12	3	4	0	3	28	0	0	31	1	7
August	SE	NW-N	12	13	4.6	4.5	1.4	2.0	2	7	10	8	4	0	5	13	12	1	0	0	31	0	0	31	2	2
September	SE	NW/NNW	12	13	4.0	4.3	1.4	1.4	0	9	12	5	4	0	9	11	5	5	0	1	29	0	0	30	6	7
October	SE	NW/NNW	10	14	4.2	4.3	1.1	1.2	0	8	13	9	1	0	9	13	8	1	0	0	31	0	0	31	4	11
November	SE/SSE	NW-NNE	10	12	4.2	4.2	1.1	1.3	0	9	11	7	3	0	4	18	7	1	0	0	30	0	0	30	4	9
December	SE-S	NNW	6	9	6.0	5.4	2.1	1.7	0	2	10	12	7	0	2	11	15	3	0	5	26	0	2	29	19	16
Year	SE	NW/NNW	9	11	4.6	4.3	1.4	1.7	5	91	121	90	58	3	82	163	88	29	0	15	350	2	7	356	91	114

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

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Wet Bulb		Dew Point						Mean Max.	Mean Min.	Max. + Min. 2	Mean Range					
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date					0830	1430	Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	74.0	82.4	70.9	72.4	90.4	13	67.8	17	85.3	70.5	77.9	14.8	90	72	9.09	1.44	14
February	-	-	74.8	83.4	71.3	71.5	91.5	4	65.0	15	87.7	69.7	78.7	18.0	89	68	6.79	1.09	25
March	-	-	74.4	83.7	70.8	70.4	95.5	17	64.8	22	87.0	69.1	78.1	17.9	89	64	4.95	1.60	13
April	-	-	71.7	82.0	69.3	68.6	88.8	21	65.0	15	84.7	67.8	76.3	16.9	92	64	3.61	0.74	9
May	-	-	71.0	83.0	66.7	64.2	88.5	21	61.0	19,27	84.5	65.1	74.8	19.4	87	53	1.39	1.32	7
June	-	-	65.9	80.7	59.9	55.5	87.3	1	54.9	21	82.5	60.5	71.5	22.0	81	42	0.00	0.00	-
July	-	-	66.5	81.4	59.7	51.8	88.7	16	57.0	27	83.4	60.7	72.1	22.7	79	36	0.00	0.00	-
August	-	-	68.7	84.6	60.7	53.0	90.8	2	58.0	21	86.9	61.5	74.2	25.4	76	34	0.00	0.00	-
September	-	-	71.9	85.9	63.7	55.2	92.4	13	60.0	4	89.2	64.9	77.1	24.3	76	36	0.51	0.26	15
October	-	-	74.6	88.6	64.5	58.0	97.4	21	61.6	15	91.4	65.9	78.7	25.5	71	36	0.42	0.34	15
November	-	-	77.4	90.3	66.7	61.7	96.7	8	63.7	1	93.5	67.7	80.6	25.8	70	39	1.65	1.07	22
December	-	-	78.1	90.1	69.0	64.9	97.3	12	67.1	4	93.4	71.2	82.3	22.2	74	44	1.47	0.53	3
Year	-	-	72.4	84.7	66.1	62.3	97.4	Oct. 21	54.9	June 21	87.5	66.2	76.9	21.3	81	49	28.89	1.60	March 13

Month	Prevailing Wind		Mean Wind		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	NE/NW/N	NE/NW/N	4	4	7.3	7.1	5.9	6.6	0	0	3	12	16	0	0	6	8	17	0	10	21	0	1	30	19	0
February	N	NE/E/N	4	4	5.5	5.5	4.3	4.8	1	4	8	9	6	0	3	8	10	7	0	0	28	0	0	28	17	9
March	NE-S	NE-SW	4	5	4.9	6.2	4.4	6.0	2	7	6	10	6	0	0	7	20	4	0	5	26	0	2	29	11	6
April	S	S	7	7	5.8	5.8	5.3	5.2	2	3	5	10	10	0	2	9	13	6	1	4	25	1	0	29	15	1
May	S	SE/S	5	8	1.7	4.3	0.9	4.0	15	9	3	2	2	0	7	16	5	3	0	0	31	0	0	31	2	1
June	S/SW	S/SW	9	11	2.0	3.8	1.3	3.6	19	2	1	7	1	3	4	18	4	1	0	0	30	0	0	30	0	0
July	S/SW	SE/SW	6	10	2.6	5.3	1.5	4.3	16	3	3	5	4	1	3	9	15	3	0	0	31	0	0	31	0	0
August	E-S	E-SW	5	9	2.3	5.0	1.8	5.0	15	7	1	5	3	0	3	14	10	4	0	1	30	0	0	31	0	0
September	E-S	E/SE	8	6	4.3	5.8	3.3	5.6	4	5	7	12	2	0	0	12	16	2	0	0	30	0	0	30	4	1
October	NE/S	NE/E	4	8	4.2	5.0	4.1	4.6	3	4	14	5	5	0	3	17	9	2	0	0	31	0	1	30	2	0
November	NE	NE/E	5	8	5.0	5.6	4.7	5.3	1	5	8	16	0	0	0	15	15	0	0	0	30	0	0	30	4	2
December	NE	NE/E	9	7	5.7	6.0	5.0	5.5	0	3	8	17	3	0	0	13	14	4	0	0	31	0	0	31	6	3
Year	S/NE	NE/E	6	7	4.3	5.5	3.5	5.0	78	52	67	110	58	4	25	144	139	53	1	20	344	1	4	360	80	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 6¼ miles or over.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT NJOMBE IN 1954.

Latitude 09° 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	-	-	60.7	68.0	56.8	55.9	80.0	11	52.[illegible]	6	72.2	55.2	63.7	17.0	87	68	8.15	1.67	28
February	-	-	60.7	69.3	57.5	57.4	79.5	1,6	53.0	1,4	73.7	55.6	64.7	18.1	90	66	5.81	0.98	19
March	-	-	59.2	70.0	57.3	58.5	78.0	17	50.0	18	72.8	55.4	64.1	17.4	94	67	6.01	1.13	5
April	-	-	58.2	69.0	56.6	56.5	74.5	8	50.0	15,26	70.1	53.9	62.0	16.2	95	65	3.51	0.90	11
May	-	-	57.5	68.3	54.2	54.4	74.0	31	45.0	20	69.4	51.3	60.3	18.1	89	62	1.48	1.10	8
June	-	-	53.7	65.5	48.1	47.2	74.0	1,2	40.5	21	67.2	45.3	56.3	21.9	82	53	0.00	0.00	-
July	-	-	51.3	66.8	46.2	43.3	74.0	25,27	37.5	30	68.4	43.6	56.0	24.8	83	43	0.00	0.00	-
August	-	-	51.6	67.9	47.4	45.2	76.0	30	42.0	17	68.9	44.9	56.9	24.0	86	44	0.00	0.00	-
September	-	-	52.2	70.2	49.7	46.5	77.0	9,10	43.5	3	72.1	46.7	59.4	25.4	91	43	0.17	0.15	14
October	-	-	56.3	74.6	51.6	-	84.5	26	45.0	1,15	77.1	49.8	63.5	27.3	85	-	0.04	0.03	10
November	-	-	59.9	76.2	55.4	50.4	82.5	4	50.0	2,11	79.4	53.7	66.5	25.7	85	41	0.40	0.34	4
December	-	-	62.0	70.6	58.0	58.3	83.0	1	50.0	9	75.8	53.1	64.5	22.7	87	66	4.29	1.55	18
Year	-	-	56.9	69.7	53.2	-	84.5	Oct. 26	37.5	July 30	72.3	50.7	61.5	21.6	88	-	29.86	1.67	Jan. 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	SW	SE-W	1	5	6.1	6.5	4.5	6.7	0	1	8	13	9		0	0	2	17	12		0	2	29	0	7	24	24	6
February	E	E/W	1	4	6.4	6.1	5.9	6.1	0	3	3	11	11		0	0	7	14	7		0	7	21	0	3	25	16	2
March	E	E	1	4	7.0	6.1	6.6	6.1	0	1	3	8	19		0	0	3	24	4		0	16	15	0	3	28	21	2
April	E	E	3	4	7.2	7.1	7.3	6.1	0	0	3	6	21		0	0	2	25	3		0	18	12	0	2	28	16	0
May	E	E	3	4	4.8	4.5	4.7	4.5	5	0	7	14	5		0	4	15	12	0		0	5	26	0	0	31	5	0
June	E/SE	E/SE	3	5	3.8	4.5	3.7	4.5	5	3	16	4	2		2	1	17	10	0		0	1	29	0	0	30	0	0
July	E	E	3	8	3.9	2.6	3.0	2.3	6	6	8	5	6		7	14	4	3	3		0	1	30	0	0	31	0	0
August	E	E	6	14	5.4	4.0	5.4	3.7	3	3	8	1	16		1	5	15	9	1		6	2	23	0	0	31	0	0
September	E	E	6	15	7.0	4.4	6.9	4.2	3	0	1	0	26		0	7	11	7	5		3	23	4	0	0	30	3	0
October	E	E	7	17	6.6	3.3	6.5	2.8	2	1	4	2	22		3	8	13	7	0		2	9	20	0	0	31	2	0
November	E	E	6	14	6.8	4.7	6.3	4.1	2	1	1	0	26		0	5	13	11	1		1	0	29	0	0	30	3	3
December	SE	E	4	8	6.5	4.9	6.5	4.6	1	1	5	7	17		1	5	12	5	8		3	1	27	0	2	29	10	6
Year	E	E	4	9	6.0	4.8	5.4	4.6	27	20	67	71	180		14	49	114	144	44		15	85	265	0	17	348	100	19

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 1954.

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													
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
September	-	-	55.2	68.0	48.7	45.2	76.0	9	46.5	1	71.4	48.8	60.1	22.6	79	44	0.00	-	-
October	-	-	60.0	72.5	48.5	44.5	80.6	27	46.7	13	75.3	50.8	63.1	24.5	66	37	0.00	-	-
November	-	-	61.8	72.5	52.9	49.5	82.5	21	51.5	19	77.2	53.7	65.4	23.5	74	45	2.53	1.11	24
December	-	-	61.7	66.0	56.4	56.1	80.4	1	51.5	8	73.1	54.7	63.9	18.4	83	71	9.28	2.00	7
Year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
August	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
September	SE	SE	17	15	3.2	4.1	2.8	3.3	6	9	7	7	1	0	8	12	5	3	0	2	28	0	0	28	0	0
October	SE	SE	16	10	5.9	4.0	1.7	2.3	1	5	12	5	8	0	8	13	6	4	0	0	31	0	1	30	0	0
November	SE	SE	14	7	4.9	5.8	2.4	4.7	1	5	9	8	7	0	0	10	17	3	0	0	30	0	0	30	7	6
December	SE	SE-S	5	5	5.4	7.3	2.3	5.8	0	5	9	6	11	0	0	3	7	16	0	1	30	1	0	25	23	20
Year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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 SONGEA IN 1954.

Latitude 10° 41'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	888.2	885.8	68.1	76.4	64.6	65.1	86.2	23	62.6	29	79.2	64.5	71.9	14.7	88	69	9.87	1.97	28
February	888.8	886.5	68.7	78.2	64.5	64.6	84.9	6	60.3	10	80.8	63.9	72.3	16.9	87	63	6.85	2.58	9
March	889.6	887.6	67.9	76.4	64.3	64.7	85.5	2	60.4	22	79.3	63.6	71.5	15.7	88	69	10.63	3.60	19
April	891.3	889.6	66.1	74.8	62.0	61.5	80.8	6	58.0	15	77.6	62.7	70.1	14.9	87	64	3.71	1.63	11
May	891.5	890.1	64.8	74.5	58.3	57.2	80.6	22	53.9	28	76.7	58.1	67.4	18.6	80	55	0.80	0.78	23
June	893.9	892.8	59.6	69.9	52.1	51.1	77.8	1	49.0	30	71.9	53.2	62.5	18.7	76	52	0.00	0.00	-
July	892.9	891.6	59.6	69.9	49.8	49.6	77.9	27	48.5	30	72.6	52.7	62.7	19.9	70	49	0.00	0.00	-
August	893.6	891.9	61.8	73.5	52.7	50.2	81.0	30	52.9	22	75.7	57.1	66.4	18.6	73	44	0.00	0.00	-
September	893.1	891.8	63.6	75.4	55.0	52.5	82.3	10	55.5	8	78.6	58.9	68.7	19.7	74	45	0.82	0.56	15
October	891.8	888.8	68.1	81.2	57.0	52.4	90.0	26	54.8	4	83.0	61.5	72.3	21.5	68	37	0.00	0.00	-
November	890.9	887.9	70.1	83.0	60.4	56.2	87.5	8	61.9	17	84.5	64.7	74.6	19.8	71	40	1.28	0.78	16
December	888.9	886.2	69.7	79.4	63.9	61.9	86.8	13	60.6	29	81.8	64.7	73.3	17.1	82	56	3.45	0.63	6
Year	891.2	889.2	65.7	76.1	58.7	57.3	90.0	Oct. 26	48.5	July 30	78.5	60.5	69.5	18.0	79	54	37.41	3.60	March 19

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	NNE-W	SE-NW	3	7	7.0	6.8	4.2	4.6	0	0	1	7	23	0	0	3	11	17	3	0	28	0	0	31	23	18
February	NNE-SE	NNE-SE	5	8	6.4	6.7	3.7	5.8	0	1	4	8	15	0	0	2	15	11	2	0	26	0	0	28	17	19
March	NE-SE	E-SE	6	7	6.5	6.6	4.4	5.2	0	0	7	8	16	0	0	6	9	16	1	1	29	0	0	31	17	14
April	SE	SE	8	9	6.4	6.4	5.5	5.6	0	1	6	7	16	0	0	6	16	8	0	0	30	0	0	30	13	1
May	SE	SE	5	8	3.7	5.6	2.2	4.5	2	12	5	6	6	0	4	7	12	8	0	0	31	0	0	31	2	0
June	SE	SE	7	9	3.8	5.0	1.9	4.0	1	13	4	6	6	0	4	11	10	5	0	0	30	0	0	30	0	0
July	SE	SE	8	7	3.8	5.5	1.5	4.0	0	12	9	6	4	0	3	9	13	6	0	0	31	0	0	31	0	0
August	NE-SE	SE	9	9	3.9	5.0	2.7	3.9	0	13	6	7	5	0	4	11	15	1	0	0	31	0	0	31	0	0
September	E	NE-SE	8	9	4.3	5.5	2.9	4.3	0	9	9	7	5	0	2	10	16	2	0	0	30	0	0	30	2	0
October	NE-E	E/SE	8	10	3.4	4.7	2.7	4.2	0	14	10	4	3	0	2	21	8	0	0	0	31	0	0	31	0	0
November	NNE-E	NE-SE	9	10	5.3	5.4	3.8	4.1	0	5	2	17	6	0	0	17	12	1	0	0	30	0	0	30	3	2
December	NE/E	NE/E	5	6	6.7	6.5	4.5	4.8	0	1	3	12	15	0	0	7	13	11	0	0	31	0	0	31	14	16
Year	SE	SE	7	8	5.1	5.8	3.3	4.6	3	81	66	95	120	0	19	110	150	86	6	1	358	0	0	365	91	70

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 TAFORA AIRFIELD IN 1954.

Latitude 5° 05'S Longitude 32° 50'E. Altitude 3879 feet. Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative		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	%	%	ins.	ins.	
January	884.7	883.0	67.5	79.7	64.0	64.0	89.0	11	57.3	31	82.3	63.8	73.1	18.5	89	59	6.81	2.39	16
February	884.8	882.7	68.1	82.1	63.0	62.0	90.0	6	60.0	4	85.6	63.2	74.4	22.4	84	51	4.02	1.12	20
March	884.3	882.0	68.9	83.4	62.7	62.5	90.0	29	61.4	1	86.0	64.1	75.1	21.9	81	50	0.77	0.46	6
April	885.4	882.7	67.8	79.6	62.5	62.7	86.7	1	57.0	25	82.2	62.9	72.6	19.3	83	56	4.19	1.07	1
May	885.1	882.8	66.7	80.9	59.5	59.3	86.2	23	51.0	29	83.1	59.8	71.5	23.3	78	48	1.55	0.44	8
June	886.6	884.1	63.7	82.0	52.3	52.8	87.4	28	49.0	12	84.0	56.6	70.3	27.4	67	37	0.00	0.00	-
July	885.7	883.3	63.2	82.1	50.6	50.0	86.8	31	51.9	25	84.5	56.5	70.5	28.0	64	33	0.00	0.00	-
August	886.2	883.3	66.3	84.1	52.9	51.7	91.2	30	55.0	7	86.2	60.7	73.5	25.5	62	33	0.00	0.00	-
September	885.9	882.2	69.7	86.8	55.2	54.9	91.2	16	59.0	3	89.2	64.3	76.7	24.9	60	34	0.07	0.04	10
October	884.8	880.7	73.3	88.8	56.6	55.1	94.2	21	62.7	28	91.1	65.9	78.5	25.2	56	32	0.04	0.04	26
November	884.5	880.6	73.6	88.7	58.2	53.5	94.1	22	59.4	9	90.5	67.4	78.9	23.1	59	30	1.42	0.46	13
December	883.5	880.9	68.9	79.2	63.0	61.0	91.4	1	61.3	29	82.4	64.7	73.5	17.7	82	54	7.58	1.40	28
Year	885.1	882.4	68.1	83.1	58.4	57.5	94.2	Oct. 21	49.0	June 12	85.6	62.5	74.1	23.1	72	43	26.45	2.39	Jan. 16

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	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	0830 Fog	0830 Mist or Haze	0830 Good	1430 Fog	1430 Mist or Haze	1430 Good	Rain (4)	Thunder
			knots	knots																						
January	CALM	E-SSW	0	3	6.4	6.5	1.7	4.4	0	0	8	14	9	0	0	7	21	3	0	1	30	0	0	31	13	12
February	E	E	3	6	5.3	5.6	1.1	4.0	0	6	5	12	5	0	2	9	15	2	0	0	28	0	0	28	11	9
March	E	E	7	7	5.6	6.4	1.2	4.6	0	1	11	17	2	0	0	5	26	0	0	0	31	0	0	31	5	8
April	E-SSE	E-SSE	6	7	5.6	6.6	1.4	5.4	0	2	7	16	5	0	0	4	22	4	0	1	29	0	0	30	13	10
May	E/SE	E-S	6	7	4.4	5.0	1.1	4.1	1	11	4	12	3	0	5	9	14	3	0	1	30	0	0	31	6	3
June	E-S	ESE-S	8	10	1.8	3.0	0.2	2.0	7	14	7	2	0	5	9	9	7	0	0	0	30	0	0	30	0	..
July	E-S	S	8	9	2.3	2.2	0.1	1.5	14	5	7	4	1	4	19	5	3	0	0	0	31	0	0	31	0	..
August	E	E-S	13	13	3.1	4.2	0.0	2.7	7	7	8	8	1	0	9	11	9	2	0	0	31	0	0	31	0	..
September	E/ESE	E-S	18	11	2.9	4.6	0.4	3.9	6	10	8	6	0	1	1	18	10	0	0	0	30	0	0	30	2	..
October	E	E-S	13	10	4.9	6.2	0.4	4.7	2	6	8	5	10	0	1	6	17	7	0	0	31	0	0	31	1	2
November	E/ESE	E	10	12	5.7	6.8	1.2	5.6	0	3	10	7	10	0	1	0	17	12	0	0	30	0	0	30	9	8
December	ENE-S	VARIABLE	5	9	6.0	7.0	2.8	4.8	0	6	2	10	13	0	0	5	9	17	0	1	30	0	0	31	25	16
Year	E	E-S	8	9	4.5	5.3	1.0	4.0	37	71	85	113	59	10	47	88	170	50	0	4	361	0	0	365	85	68

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 TABORA OBSERVATORY IN 1954.

Latitude 5° 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						Mean	Mean	Max. + Min.	Mean				Max. Fall	
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Max.	Min.	2	Range	0830	1430	Total	in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	875.0	872.6	67.6	78.8	64.0	64.0	88.0	11	59.0	31	81.0	63.1	72.0	17.9	88	61	5.49	2.00	16
February	874.4	870.7	68.3	82.2	62.9	62.5	88.5	6	59.9	23	83.9	63.0	73.5	20.9	83	52	4.11	1.65	27
March	874.3	872.0	69.2	82.8	63.7	63.6	88.8	29	60.6	9	84.9	63.1	74.0	21.8	83	53	0.98	0.27	6
April	876.0	873.5	67.5	78.7	62.2	63.3	85.6	1	60.0	16,25	80.9	62.5	71.7	18.4	83	60	6.92	1.68	1
May	875.9	873.7	67.2	80.1	60.2	59.8	88.6	14	54.9	29	82.1	61.3	71.7	20.8	78	51	0.95	0.43	3
June	877.1	874.7	64.5	81.1	54.3	53.3	86.0	27	54.5	12,21	82.7	58.5	70.6	24.2	70	38	0.00	0.00	-
July	876.4	874.0	64.0	81.9	52.1	49.5	85.5	17	54.0	15	83.3	58.0	70.7	25.3	65	33	0.00	0.00	-
August	876.9	874.2	66.0	83.5	52.1	48.6	90.0	30	54.0	16	85.0	60.3	72.7	24.7	61	30	0.00	0.00	-
September	877.0	873.1	69.3	86.0	53.0	50.5	90.2	23	58.5	21	88.0	63.0	75.5	25.0	56	29	0.06	0.02	9,10,14
October	876.0	871.4	72.6	87.8	54.0	49.9	94.2	21	62.0	14	89.9	65.7	77.8	24.2	52	27	0.03	0.03	29
November	875.8	871.1	73.6	87.0	59.0	54.0	93.2	11	61.0	9	89.3	66.7	78.0	22.6	61	33	1.73	0.90	13
December	875.1	871.4	68.6	78.0	62.1	60.5	91.2	1	60.0	18	81.2	63.5	72.3	17.7	80	55	8.34	1.24	27
Year	875.8	872.7	68.2	82.3	58.3	56.6	94.2	Oct. 21	54.0	July 15 Aug. 16	84.3	62.4	73.3	21.9	72	43	28.61	2.00	Jan. 16

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	CALM	CALM	0	0	6.6	6.2	1.5	3.8	0	0	6	15	10	0	0	5	23	3	0	0	31	0	1	30	14	2
February	E	ENE-SE	7	4	5.2	5.1	2.0	3.6	1	5	7	9	6	0	3	10	12	3	0	0	28	0	0	28	10	4
March	E/ESE	E	13	8	5.4	6.0	1.6	4.6	0	2	11	17	1	0	0	7	24	0	0	0	31	0	0	31	8	1
April	E	E	8	7	5.8	5.9	2.0	4.3	0	2	10	12	6	0	0	11	18	1	0	1	29	0	0	30	13	4
May	E	E	11	6	4.0	4.9	1.6	3.7	0	13	6	8	4	0	5	11	13	2	0	0	31	0	0	31	6	1
June	E-S	E-S	11	7	2.3	3.0	0.0	2.1	5	14	8	3	0	2	12	10	6	0	0	0	30	0	0	30	0	0
July	E-SE	E-S	13	12	1.3	2.6	0.2	1.8	22	5	2	2	0	5	14	11	1	0	0	0	31	0	0	31	0	0
August	E/ESE	E/ESE	20	13	2.5	4.7	0.1	3.2	8	10	8	4	1	0	6	14	6	5	0	0	31	0	0	31	0	0
September	E/ESE	E-S	19	20	2.2	4.9	0.4	4.4	8	12	5	5	0	1	2	12	14	1	0	0	30	0	0	30	3	0
October	E/ESE	E	13	11	4.6	5.9	0.5	4.5	4	5	6	11	5	0	2	8	15	6	0	0	31	0	0	31	1	0
November	E	E	13	8	6.0	6.0	1.1	4.6	0	1	7	17	5	0	1	11	10	8	0	0	30	0	0	30	9	4
December	ENE-ESE	E	5	5	6.6	5.9	2.2	3.8	1	4	3	7	16	0	2	11	6	12	0	0	31	0	0	31	20	8
Year	E/ESE	E	11	8	4.4	5.1	1.1	3.7	49	73	79	110	54	8	47	121	148	41	0	1	364	0	1	364	84	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 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 TANGA AIRFIELD IN 1954.

Latitude 5° 05'S Longitude 39° 04'E Altitude 175 feet. Tanga 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	-	-	82.3	88.3	74.8	78.9	92.0	18,30	70.0	1	89.9	73.8	81.9	16.1	78	74	0.04	0.04	14
February	-	-	83.2	90.2	76.6	79.5	93.0	8	70.5	17	91.3	74.4	82.9	16.9	80	71	1.86	0.91	16
March	-	-	83.1	89.9	77.2	82.0	93.0	Often	73.0	12	91.0	75.2	83.1	15.8	82	78	2.19	1.00	28
April	-	-	81.2	86.3	76.2	78.3	91.6	5	72.0	25	87.7	74.9	81.3	12.8	84	78	11.35	2.56	30
May	-	-	79.5	84.6	74.6	76.8	89.0	1,3	71.0	1,15,28	85.8	73.1	79.5	12.7	85	78	5.43	1.20	22
June	-	-	77.0	84.1	72.3	73.9	88.0	6	65.0	21,23	85.0	70.4	77.7	14.6	85	72	0.69	0.22	24
July	-	-	75.2	82.1	71.3	73.9	85.0	Often	65.0	5,27	83.1	68.2	75.7	14.9	88	76	0.98	0.60	2
August	-	-	75.1	81.8	70.3	70.3	86.4	24	64.0	23	83.4	67.7	75.6	15.7	85	69	3.37	0.80	1
September	-	-	76.5	83.5	70.6	68.8	87.5	10	63.9	25	84.6	68.6	76.6	16.0	82	62	1.93	0.42	13
October	-	-	77.8	84.2	71.6	70.6	88.8	22	67.2	21	85.3	69.7	77.5	15.6	81	64	5.39	1.87	23
November	-	-	79.1	85.3	73.8	71.9	89.3	22	67.9	3	87.0	72.8	79.9	14.2	84	65	3.12	0.62	4
December	-	-	80.4	86.3	72.6	72.9	92.0	26	70.3	29	88.9	73.6	81.3	15.3	77	65	2.74	2.35	3
Year	-	-	79.2	85.5	73.5	74.8	93.0	Feb. 8 Mar. Often	63.9	Sept. 25	86.9	71.9	79.4	15.0	83	71	39.09	2.56	Apr. 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	N	NE	7	14	3.7	2.4	2.5	1.7	6	9	6	3	7	9	14	2	3	3	0	0	31	0	0	31	1	0
February	NE/NW/N	NE	7	14	2.6	1.6	2.5	1.1	7	9	5	7	0	9	15	3	1	0	0	1	27	0	0	28	8	0
March	SW/N	NE/SE	7	14	2.4	1.8	2.3	1.6	8	10	8	5	0	6	18	5	2	0	0	0	31	0	0	31	5	1
April	SW	SE/S	10	10	4.6	4.5	3.6	3.8	1	7	10	7	5	1	6	11	5	7	0	1	29	0	2	28	16	0
May	SW	S	10	14	3.9	4.5	2.7	3.1	5	8	5	8	5	1	10	7	5	8	0	1	30	0	1	30	12	1
June	SW	S	10	17	1.8	2.5	1.4	2.1	15	6	5	3	1	5	14	7	4	0	0	0	30	0	0	30	6	0
July	SW	SE/S	9	14	4.0	3.0	3.7	2.8	2	9	8			8	9	7	6	2	0	0	31	0	0	31	6	0
August	SW/WSW	SE S	8	14	3.6	3.8	2.7	1.0	6	6	7	8	3	3	8	7	8	2	0	0	30	0	0	28	12	0
September	SW-W	S	4	13	5.0	3.5	4.1	2.3	0	10	4	10	6	0	13	8	6	3	0	0	30	0	0	30	17	0
October	SW-W	SSE	4	12	5.8	3.3	4.7	1.8	0	1	11	13	6	0	17	5	6	3	0	1	30	1	0	30	16	0
November	W-N	NE-S	2	10	3.7	2.2	2.8	1.1	0	14	5	10	1	0	22	5	2	1	0	0	30	0	0	30	11	0
December	N	E	6	11	3.7	2.8	1.9	1.0	0	15	5	9	2	0	19	5	6	1	0	1	30	0	0	31	7	3
Year	SW/N	S	7	13	3.7	3.0	2.9	1.9	50	104	79	92	39	42	164	72	54	30	0	5	359	1	3	358	117	5

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.