EAST AFRICAN METEOROLOGICAL DEPARTMENT

SUMMARY OF METEOROLOGICAL OBSERVATIONS

FOR

1953.

PART II - TANGANYIKA.

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CONTENTS.

Amani
Arusha
Biharamulo
Bukoba
Chunya
Dar es Salaam, Airfield
Dar es Salaam, Kurasini
Dodoma
Iringa
Kigoma
Kilwa
Kondoa
Kongwa
Lindi
Loliondo
Lyamungu
Mafia
Mbeya
Mbulu
Morogoro
Moshi
Mpwapwa
Mtwara
Musoma
Mwanza Airfield
Nachingwea
Njombe
Songea
Sumbawanga
Tabora
Tabora, Airfield
Tanga, Airfield

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT AMANI IN 1953

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														
	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	-	-	72.4	80.9	66.6	69.5	87.4	19	59.8	25	83.2	63.9	73.5	19.3	82	69	2.93	1.33	7
February	-	-	72.6	82.1	65.8	66.2	88.2	14	61.0	26	85.6	64.8	75.2	20.8	79	59	1.62	0.85	26
March	-	-	72.0	78.5	68.3	69.1	87.8	3	61.1	30	81.7	64.6	73.1	17.1	89	73	7.35	1.25	18
April	-	-	70.5	75.0	68.1	69.0	82.8	10	59.7	15	78.2	64.5	71.3	13.7	92	82	7.64	1.24	16
May	-	-	67.9	72.1	65.6	67.2	78.0	22, 23	57.0	22	74.0	63.4	68.7	10.6	93	85	14.61	2.62	13
June	-	-	65.7	72.0	61.0	63.0	76.6	22	55.1	17	73.8	59.1	66.5	14.7	85	74	1.14	0.78	1
July	-	-	64.1	70.0	60.4	61.8	76.2	2	54.2	1	71.6	58.6	65.1	13.0	88	76	3.87	0.86	17
August	-	-	63.0	68.3	61.0	62.9	73.6	5	54.6	4	70.1	58.8	64.5	11.3	94	83	8.24	1.20	26
September	-	-	64.8	68.8	62.1	63.7	76.7	16	55.2	14	71.3	58.7	65.0	12.6	91	84	7.38	1.43	25
October	-	-	66.9	70.3	64.0	65.0	77.8	31	56.2	2	73.2	60.0	66.6	13.2	91	84	13.44	3.72	13
November	-	-	70.5	76.5	67.3	68.5	81.5	19	57.0	3	78.6	62.4	70.5	16.2	90	76	4.34	0.96	12
December	-	-	73.4	80.4	69.0	70.3	86.3	22	62.5	11	82.7	65.2	73.9	17.5	86	72	4.53	0.88	24
Year	-	-	68.7	74.6	64.9	66.3	88.2	Feb. 14	54.2	July 1	77.0	62.0	69.5	15.0	88	76	77.09	3.72	Oct. 13

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.														Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430					0830			1430			Rain (4)	Thunder
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good		
			knots	knots																						
January	NE-SE	NE/E	15	25	5.2	5.3	4.7	5.0	0	2	15	10	4	0	0	19	10	2	0	18	13	0	2	29	9	2
February	NE/E	E/SE/N	19	24	4.9	5.6	4.9	5.6	0	4	12	11	1	0	0	14	12	2	0	5	23	1	0	27	6	2
March	W-N	E	8	19	6.2	6.4	6.2	6.4	0	2	5	19	5	0	0	6	17	8	0	1	30	0	2	29	20	4
April	SW/W	SW/W	11	17	6.4	6.9	6.2	6.8	0	1	5	14	10	0	0	4	15	11	0	5	25	0	5	25	29	1
May	SW/W	E/S/SW	18	19	7.1	7.0	7.0	7.0	0	1	4	8	18	0	0	4	10	17	2	12	17	1	7	23	27	0
June	SW/W	S-W	20	20	5.1	5.9	5.0	5.8	0	4	12	7	7	0	0	11	15	4	0	3	27	0	1	29	5	0
July	S-W	SW-W	23	21	6.6	6.6	6.6	6.6	0	1	6	11	13	0	0	6	15	10	0	7	24	0	3	28	15	0
August	S-W	SE/SW	16	19	7.3	7.0	7.4	7.0	0	1	1	7	22	0	0	4	12	15	5	12	14	1	6	24	23	0
September	E-S	E/S	16	19	7.1	7.2	7.1	7.2	0	1	2	13	14	0	0	1	14	15	1	10	19	0	7	23	23	0
October	E	E/SE	15	20	7.0	6.9	7.0	6.9	0	0	4	12	15	0	0	5	11	15	5	5	21	2	10	19	20	0
November	E/SE	SE	13	21	6.2	6.0	6.2	6.0	0	1	8	12	9	0	1	11	8	10	2	5	23	0	3	27	13	0
December	E/N	E	15	21	5.4	5.1	5.2	5.1	0	0	14	16	1	0	0	21	7	3	0	3	28	0	1	30	18	5
Year	E/W	E/SE	16	20	6.2	6.3	6.1	6.2	0	18	88	140	119	0	1	106	146	112	15	86	264	5	47	313	208	14

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidus (/) mean that there were t[illegible] 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 1953.

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														
	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	-	-	62.3	80.1	59.3	59.1	86.5	21	50.5	2	82.6	53.0	67.8	29.6	90	49	3.06	1.94	3
February	-	-	59.8	82.6	56.3	53.4	90.0	9	43.5	5,7	85.1	48.6	66.9	36.5	89	37	0.00	0.00	0
March	-	-	62.4	80.2	60.3	58.3	86.5	13	49.0	1,4	82.8	52.0	67.4	30.8	93	49	2.93	1.01	4
April	-	-	62.7	76.3	61.2	60.3	85.0	6	51.5	23	78.3	53.3	65.8	25.0	95	58	6.84	1.38	28
May	-	-	60.8	70.7	59.4	60.1	79.5	10	49.0	6	72.9	50.9	61.9	22.0	96	70	12.84	2.80	4
June	-	-	59.0	69.7	56.0	57.0	74.5	30	46.0	9	72.1	50.0	61.1	22.1	90	64	0.91	0.67	1
July	-	-	57.6	68.9	54.6	55.0	74.5	1	45.0	25	70.5	47.3	58.9	23.2	90	62	0.76	0.45	19
August	-	-	56.8	69.3	53.0	53.3	74.0	9	45.5	25	70.6	47.4	59.0	23.2	87	57	1.47	0.52	7
September	-	-	59.3	71.5	56.4	55.8	75.0	23,26,27	46.5	10,13	72.6	48.2	60.4	24.4	90	57	0.29	0.17	15
October	-	-	60.1	73.3	58.2	57.0	80.0	31	48.5	15,21,25	74.2	49.5	61.9	24.7	93	57	2.77	1.51	14
November	-	-	63.2	79.4	60.2	55.3	84.0	7,16	49.0	26	81.1	50.6	65.9	30.5	90	44	2.86	0.87	12
December	-	-	63.8	80.3	59.4	57.0	85.5	3	49.5	19	81.8	51.8	66.8	30.0	86	45	3.50	1.18	18
Year	-	-	60.7	75.2	57.9	56.8	90.0	Feb. 9	43.5	Feb. 5,7	77.1	50.2	63.7	26.9	91	54	38.23	2.80	May 4

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.														Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430					0830			1430			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	3.9	4.7	3.9	4.7	0	10	8	5	3	0	2	15	9	0	1	7	18	0	4	22	5	0
February	E	E	2	4	4.5	4.2	4.5	4.0	0	8	8	8	4	0	2	21	5	0	1	11	16	0	1	27	0	0
March	E	E	2	3	6.2	5.6	6.2	5.6	0	0	9	12	10	0	0	15	15	1	0	18	13	0	2	29	10	0
April	E	E	2	3	7.4	6.0	7.4	6.0	0	0	1	6	18	0	0	10	9	5	0	22	3	0	3	21	7	0
May	E	E	2	3	7.4	5.6	7.4	5.6	0	0	2	7	22	0	0	15	11	5	1	26	4	0	6	25	24	0
June	E	E	2	3	5.5	4.8	5.5	4.8	0	5	8	5	12	0	2	16	11	1	0	21	9	0	1	29	2	0
July	E	E	2	3	6.7	4.8	6.7	4.9	0	0	7	7	17	0	0	17	13	1	0	10	21	0	0	31	4	0
August	E	E	2	3	7.0	5.5	7.0	5.4	0	1	5	5	19	0	0	13	15	2	1	8	21	0	0	30	7	0
September	E	E	2	3	6.6	4.8	6.6	4.8	0	2	4	7	17	0	2	19	7	2	0	12	18	0	1	29	4	0
October	E	E	2	3	6.4	4.4	6.4	4.4	0	5	2	9	15	0	2	20	8	1	0	25	6	0	3	28	7	0
November	E	E	2	3	5.3	4.9	4.4	5.0	0	3	13	9	5	0	0	20	10	0	0	3	27	0	0	30	10	0
December	E	E	2	3	4.4	5.0	5.3	4.9	0	10	7	4	5	0	0	18	6	2	0	5	21	0	3	23	8	0
Year	E	E	2	3	5.9	5.0	5.9	5.0	0	44	74	84	147	0	10	199	119	20	4	168	177	0	24	324	88	0

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

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT BIHARAMULO IN 1953

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	-	-	65.6	73.2	59.6	59.3	84.0	22	58.0	5,13	77.8	61.7	69.7	16.1	81	63	3.66	0.83	23
February	-	-	68.1	77.9	57.6	56.0	86.0	12,15,23	58.9	4	81.4	63.2	72.3	18.2	69	48	0.89	0.38	17
March	-	-	66.0	73.9	59.7	59.3	82.0	Often	52.0	13	77.8	61.4	69.6	16.4	81	61	6.63	1.43	8
April	-	-	65.9	72.3	60.7	61.2	-	-	60.0	Often	-	61.7	-	-	84	69	8.27	1.50	16
May	-	-	65.9	74.3	[illegible]	60.2	-	-	58.0	30	-	60.9	-	-	80	61	3.29	0.77	4
June	-	-	64.8	77.2	55.2	55.2	-	-	58.0	2,5,28	-	61.4	-	-	71	47	1.26	1.12	24
July	-	-	63.1	75.9	51.5	54.0	82.0	26,28,29	52.0	15	78.6	57.9	68.3	20.7	66	47	0.00	0.00	-
August	-	-	66.2	77.8	51.0	50.3	82.0	Often	59.0	Often	79.5	61.8	70.7	17.7	58	39	1.60	1.25	30
September	-	-	66.4	76.7	55.6	54.2	85.0	11	58.0	6	78.9	61.7	70.3	17.2	68	47	0.79	0.27	17
October	-	-	68.5	76.1	58.1	56.6	87.0	6	59.0	12	79.0	62.6	70.8	16.4	70	51	2.27	0.80	11
November	-	-	66.8	71.9	60.6	60.3	83.0	12	59.0	26	76.3	61.8	69.1	14.5	81	68	5.03	0.70	25
December	-	-	66.8	71.9	61.3	62.1	80.0	30	60.0	28	75.4	61.9	68.7	13.5	83	72	2.06	0.35	12
Year	-	-	66.2	74.9	57.5	57.4	-	-	52.0	Mar.13 July 15	-	61.5	-	-	74	56	35.75	1.50	Apr. 16

Month	Prevailing Wind Direction (2)		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	CALM	NE/N	3	5	3.5	4.0	1.0	1.5	15	1	3	2	10	12	0	7	0	12	1	24	6	0	7	24	10	0
February	S	E/S/N	3	9	4.5	5.1	1.4	1.0	1	7	9	4	7	0	2	14	6	6	0	18	10	0	7	21	5	2
March	E	E/S	3	5	5.8	5.3	3.1	1.7	0	4	8	4	15	1	1	14	10	5	0	26	5	1	1	29	19	1
April	E-S	E-S	4	7	5.2	6.0	2.6	3.5	5	1	6	7	11	2	1	9	5	13	1	12	17	0	7	23	16	0
May	S	E	4	5	3.9	5.6	1.3	3.1	0	13	8	3	7	0	2	13	9	7	0	28	3	0	1	30	11	0
June	S	S	9	8	3.8	4.0	1.1	1.2	8	5	5	3	9	2	8	11	4	5	0	30	0	0	4	26	3	0
July	S	E-S	9	9	1.8	3.1	0.0	2.0	19	4	2	2	4	9	3	13	5	1	0	24	7	0	0	31	0	0
August	E-S	E/SE	6	8	3.4	4.2	0.6	1.2	8	5	7	7	4	3	4	13	7	4	0	23	8	0	0	31	4	1
September	SE/S	E-S	6	9	4.3	5.4	1.4	2.5	4	6	6	7	7	0	2	12	10	6	0	23	7	0	0	30	7	1
October	E/S	NE-SE	6	7	4.0	5.5	1.4	2.9	4	9	4	8	6	0	0	17	11	3	0	24	7	0	1	30	6	0
November	NE-E/S	NE	4	8	5.8	6.3	1.6	3.7	1	1	9	10	9	0	0	7	14	9	0	18	12	0	1	29	20	0
December	S-SE	NNE	3	7	4.6	6.4	2.5	2.6	4	3	7	8	9	0	0	7	16	8	0	27	4	0	1	30	12	0
Year	S	E/S	5	7	4.2	5.1	1.5	2.2	69	59	74	65	98	29	23	137	97	79	2	277	86	1	30	334	113	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 6½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT BUKOBA 2ND ORDER STATION IN 1953.

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	77.3	63.1	66.5	85.5	22	-	-	81.2	-	-	-	85	70	11.38	1.98	2
February	-	-	67.8	79.3	62.7	67.5	85.5	7	56.6	7	82.3	62.2	72.3	20.1	84	67	4.35	1.01	24
March	-	-	67.7	78.7	64.1	67.0	85.0	21	59.2	25	81.2	63.1	72.1	18.1	88	68	13.32	2.95	28
April	-	-	68.0	74.8	64.2	66.2	84.0	2	61.7	Often	78.6	63.6	71.1	15.0	88	75	18.31	2.50	22
May	-	-	70.7	77.4	64.6	66.3	82.5	23	58.7	19	79.0	63.2	71.1	15.8	81	69	12.58	2.32	7
June	-	-	68.8	76.9	61.5	63.5	82.0	24, 26	58.0	12	79.0	62.7	70.9	16.3	78	63	2.31	0.68	7,8
July	-	-	70.0	76.3	59.8	61.1	81.0	27,28, 29	52.0	23	77.9	58.9	68.4	19.0	70	60	1.61	1.38	12
August	-	-	69.7	76.4	61.7	62.1	82.5	3	56.0	23	78.5	61.7	70.1	16.8	76	62	4.08	1.32	30
September	-	-	69.4	77.5	62.5	63.3	84.0	11	56.0	26	79.5	60.9	70.2	18.6	79	62	5.88	2.30	19
October	-	-	68.5	75.4	63.9	64.5	83.5	24,25	58.0	8,9	79.0	61.5	70.3	17.5	85	70	9.30	1.70	18
November	-	-	68.8	76.4	64.0	65.5	83.5	6	61.0	Often	79.2	63.2	71.2	16.0	85	69	8.08	1.12	26
December	-	-	67.9	75.7	63.9	65.0	83.0	3,15,16	59.0	Often	79.0	62.1	70.5	16.9	87	70	5.06	0.96	14
Year	-	-	68.8	76.8	63.0	64.9	85.5	Jan. 22 Feb. 7	-	-	79.5	-	-	-	82	67	96.26	2.95	Mar. 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			Rain (4)	Thunder
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good		
			knots	knots																						
January	E/W	SE	4	6	6.5	5.5	5.8	4.5	0	1	6	10	14	0	2	13	12	4	0	0	31	0	0	31	15	2
February	W	SE	5	10	6.7	5.3	6.0	3.5	0	2	3	7	16	0	4	10	9	5	0	0	28	0	0	28	14	4
March	W	SE	5	10	7.4	5.9	6.8	2.9	0	0	4	5	22	0	2	8	16	5	1	1	29	0	0	31	23	6
April	W	SE	7	9	7.6	7.1	6.9	5.3	0	0	1	5	24	0	0	3	15	12	1	2	27	0	1	29	28	9
May	SE/W	SE	9	12	7.2	5.9	6.5	3.7	0	1	3	7	20	0	1	10	13	7	0	1	30	0	0	31	21	2
June	SE	SE	7	12	6.2	6.3	5.4	5.1	0	4	5	6	15	0	2	6	11	11	0	0	30	0		29	5	4
July	SE	SE	15	15	5.1	4.5	4.3	3.2	0	6	6	14	5	0	10	9	6	6	0	3	28	0	0	31	4	2
August	SE	SE	11	12	7.0	6.2	6.1	4.2	0	1	3	7	20	0	5	2	12	12	0	2	29	0	0	31	11	1
September	SE	NE	7	12	5.8	4.9	4.8	2.8	0	5	6	7	12	0	7	5	12	6	0	1	29	0	0	30	15	7
October	[illegible]	S	5	6	6.6	6.5	5.5	3.8	0	1	5	12	13	0	0	6	13	12	0	4	27	0	0	31	19	4
November	NW	E	7	5	6.9	6.5	6.1	2.9	0	1	5	7	17	0	1	5	15	9	0	1	29	0	0	30	20	4
December	NW	E	5	6	6.6	6.3	5.6	4.0	0	3	3	11	14	0	3	5	10	13	0	0	31	0	1	30	17	4
Year	SE/W	SE	7	10	6.6	5.9	5.8	3.8	0	25	50	98	192	0	37	82	144	102	2	15	348	0	3	362	192	49

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 CHUMYA IN 1953.

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		Max. + Min.	Mean				Max. Fall	
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Max.	Mean 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	-	-	66.2	75.9	60.8	61.7	85.0	16	57.5	14	79.7	61.7	70.7	18.0	82	62	8.93	1.50	28
February	-	-	66.5	78.4	59.3	59.2	86.0	27	60.4	27	81.1	62.5	71.8	18.6	78	52	3.60	0.70	27
March	-	-	65.6	77.6	59.6	61.9	84.0	23	56.5	7	80.4	61.8	71.1	18.6	81	59	4.70	1.45	6
April	-	-	65.5	78.1	59.6	60.1	83.0	3,13	56.5	24	79.8	60.4	70.1	19.4	82	54	2.38	1.45	4
May	-	-	64.1	79.2	56.9	56.0	86.0	23	55.0	15	80.8	58.9	69.9	21.9	77	45	0.00	0.00	-
June	-	-	59.8	78.5	51.0	53.5	85.5	30	50.0	11,15	80.7	54.4	67.5	26.3	73	42	0.00	0.00	-
July	-	-	59.0	75.3	49.7	52.1	84.0	1	43.0	22	77.3	53.2	65.3	24.1	71	45	0.00	0.00	-
August	-	-	61.1	77.4	52.6	53.6	83.0	25,29	51.0	4	79.4	56.5	67.9	22.9	74	44	0.00	0.00	-
September	-	-	63.5	79.1	53.2	52.8	85.0	29	55.0	2	81.0	58.7	69.9	22.3	69	40	0.17	0.17	16
October	-	-	65.9	82.3	54.7	53.5	87.0	28	51.0	8	83.4	61.1	72.3	22.3	68	37	0.20	0.20	29
November	-	-	69.1	85.8	58.8	58.5	90.5	22	61.0	4	87.4	64.5	75.9	22.9	70	40	0.24	0.09	21,29
December	-	-	66.8	78.8	60.5	59.5	90.0	4,6	59.0	30	82.2	63.1	72.7	19.1	81	52	6.08	0.96	24
Year	-	-	64.5	78.9	56.4	56.9	90.5	Nov. 22	43.0	July 22	81.1	59.7	70.4	21.4	75	48	26.30	1.50	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			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	CALM	2	1	7.0	6.6	4.8	4.5	0	0	5	8	18	0	0		1	11	1	0	30	0	1	30	17	2
February	E	E	5	3	5.4	5.8	3.8	4.3	3	3	5	5	12	0	0	15	7	6	1	1	26	0	0	28	12	2
March	CALM	E	4	4	6.0	6.3	3.8	4.6	2	1	8	4	16	3	0	4	8	16	1	0	30	0	1	30	9	4
April	E	E	5	6	4.3	6.2	2.7	5.0	3	4	13	5	5	1	0	5	19	5	0	0	30	0	0	30	7	1
May	E	E	7	7	2.0	5.6	1.3	4.3	21	0	4	1	5	0	0	15	12	4	0	0	31	0	0	31	0	0
June	E/W	E	4	5	0.1	2.9	0.0	2.4	28	2	0	0	0	6	6	14	4	0	0	0	30	0	0	30	0	0
July	E/W	W	7	8	0.0	1.7	0.0	1.5	31	0	0	0	0	17	3	8	3	0	0	0	31	0	0	31	0	0
August	E/W	E/W	8	7	0.1	2.4	0.1	1.8	29	1	1	0	0	11	4	14	2	0	0	0	31	0	0	31	0	0
September	E	E	8	5	2.8	4.6	1.9	3.8	18	1	4	2	5	2	6	11	5	6	0	0	30	0	0	30	1	0
October	E	E	8	7	1.4	2.9	0.7	1.9	18	4	8	1	0	9	7	9	2	4	0	0	31	0	0	31	1	0
November	E	E	6	6	2.2	5.8	1.3	3.7	17	1	6	4	2	1	1	11	6	11	0	0	30	0	0	30	3	0
December	CALM	E	2	3	6.8	7.2	5.0	5.7	0	1	5	6	19	0	0	3	12	16	0	0	31	1	0	30	19	0
Year	E	E	5	5	3.2	4.8	2.1	3.6	170	18	59	36	82	50	27	117	92	79	3	1	361	1	2	362	69	9

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 1953.

Latitude 06° 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	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	1009.8	1006.9	81.8	88.3	75.1	75.8	93.2	24	70.4	5	89.8	77.1	83.5	12.7	80	67	0.68	0.52	3
February	1009.4	1006.7	82.7	89.3	75.7	75.4	94.2	28	72.2	13,23	91.3	76.1	83.7	15.2	79	64	2.59	1.25	26
March	1009.5	1006.6	80.3	87.7	75.9	76.5	93.1	5	70.8	13	89.5	74.1	81.8	15.4	87	70	5.62	1.01	31
April	1010.0	1007.6	77.8	82.4	74.7	74.4	91.4	13	70.3	23	87.2	73.2	80.2	14.0	91	77	11.17	2.68	2
May	1012.4	1009.8	75.5	82.8	72.8	72.3	89.4	6,9	67.1	23	85.8	71.0	78.4	14.8	92	71	14.90	2.19	16
June	1013.8	1011.0	72.4	84.7	68.2	65.4	88.4	22	60.5	15	85.7	66.1	75.9	19.6	87	52	0.09	0.08	8
July	1015.7	1013.7	71.0	82.8	67.1	65.5	89.2	2	61.5	24	84.1	65.5	74.8	18.6	87	56	2.40	1.32	16
August	1016.0	1013.7	71.7	82.4	68.5	65.6	86.8	21	61.0	3	84.2	65.4	74.8	18.8	90	58	1.91	0.58	31
September	1014.8	1011.9	73.9	82.5	69.4	67.7	89.2	27	63.5	10	85.1	66.2	75.7	18.9	86	61	0.80	0.13	20
October	1013.5	1010.1	78.5	84.5	70.9	68.5	91.4	9	65.0	3	87.5	68.4	77.9	19.1	78	59	2.62	1.05	12
November	1011.5	1008.3	80.7	85.1	73.5	71.5	90.8	13	67.9	9	87.5	71.5	79.5	16.0	79	64	7.76	3.25	16
December	1011.7	1006.2	83.0	86.9	75.4	74.6	91.5	19	71.9	13	89.3	77.6	83.5	11.7	78	67	2.46	0.90	29
Year	1012.3	1009.4	77.4	84.9	72.3	71.1	94.2	Feb. 28	60.5	June 15	87.3	71.0	79.1	16.3	85	64	53.00	3.25	Nov. 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			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	NNE/NE	NE-E	7	11	5.5	4.5	4.0	2.5	0	3	10	13	5	0	10	8	6	7	0	0	31	0	0	31	3	3
February	NE	NE-E	5	11	5.0	4.2	4.3	3.0	0	4	10	10	4	0	10	7	8	3	0	0	28	0	0	28	4	1
March	SW/W	NE/E	2	7	4.9	5.2	3.1	3.3	0	4	13	12	2	0	5	10	12	4	0	0	31	0	1	30	10	10
April	SSW	SSE/S	5	7	5.0	6.8	3.3	4.4	0	1	16	8	5	0	0	3	17	10	0	0	30	1	0	29	20	12
May	SW-W	S	6	10	5.3	6.2	2.7	4.8	0	6	7	10	8	0	0	10	14	7	0	3	28	0	0	31	19	0
June	SW-W	S	6	11	3.5	3.8	1.4	2.9	0	13	14	2	1	0	10	15	4	1	0	1	29	0	0	30	2	0
July	SW-W	S	6	11	3.4	4.3	1.4	2.9	2	13	9	4	3	0	6	18	4	3	0	0	31	0	0	31	4	0
August	SW-W	SSE/S	4	9	3.8	5.0	2.5	3.8	0	14	8	4	5	0	2	18	9	2	0	1	30	0	0	31	11	0
September	S-W	SE-S	3	9	3.7	5.3	2.5	4.4	0	14	7	5	4	0	1	15	11	3	0	0	30	0	0	30	12	0
October	SE-SW	NE-SSE	4	10	4.6	4.4	3.6	3.8	0	5	12	9	5	0	4	17	7	3	0	1	30	0	0	31	10	0
November	E-SSW	NE-E	3	8	4.8	3.5	4.7	2.7	0	3	16	9	2	0	11	14	2	3	0	1	29	0	0	30	11	4
December	NNE/NE	NNE-ENE	5	8	5.5	4.5	4.4	3.0	0	2	11	12	6	0	3	18	6	4	0	0	31	0	0	31	7	3
Year	SW-W	NE-S	5	9	4.6	4.8	3.2	3.5	2	82	133	98	50	0	62	153	100	50	0	7	358	1	1	363	113	33

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

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT DAR ES SALAAM, KURASINI[1] IN 1953.

Latitude 06° 50'S Longitude 39° 18'E Altitude 47 feet. Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1) 0830	Atmospheric Pressure (1) 1430	Temperature Dry Bulb 0830	Temperature Dry Bulb 1430	Temperature Dew Point 0830	Temperature Dew Point 1430	Extremes of Temperature Max.	Date	Min.	Date	Mean Max.	Mean Min.	(Max. + Min.)/2	Mean Range	Relative Humidity 0830	Relative Humidity 1430	Rainfall Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	1009.8	1006.9	81.6	85.0	74.5	74.0	89.2	24	71.5	5	86.8	77.9	82.3	8.9	79	70	0.95	0.79	3
February	1009.4	1006.7	82.5	85.6	75.4	75.0	90.0	4	72.7	6	87.7	77.8	82.7	9.9	80	71	4.39	1.67	27
March	1009.5	1006.6	80.4	85.6	76.0	76.7	91.0	10	74.0	13	88.3	75.1	81.7	13.2	87	75	5.12	1.16	30
April	1010.0	1007.6	78.2	81.9	74.5	74.5	90.0	15,17	70.8	23	86.7	74.0	80.3	12.7	88	79	11.71	1.43	5
May	1012.4	1009.8	75.4	82.2	72.4	72.0	88.2	9	68.0	23	84.8	71.7	78.3	13.1	90	72	14.94	2.55	16
June	1013.8	1011.0	72.8	83.5	68.5	66.0	88.0	22	62.1	16	84.9	67.3	76.1	17.6	86	56	0.13	0.09	8
July	1015.7	1013.7	71.7	82.1	67.0	65.1	87.9	2	63.0	24	83.7	66.8	75.3	16.9	85	57	1.73	0.60	16
August	1016.0	1013.7	72.2	81.1	68.4	66.1	86.1	16	61.3	3	83.0	66.2	74.6	16.8	88	61	1.73	0.50	31
September	1014.8	1011.9	74.3	80.8	69.5	67.6	87.5	14	64.2	10	82.9	67.1	75.0	15.8	85	65	1.14	0.30	3
October	1013.5	1010.1	78.8	82.6	70.8	68.8	89.2	7	65.9	6	84.6	69.2	76.9	15.4	77	63	2.35	1.61	12
November	1011.5	1008.3	80.5	83.6	73.5	71.7	91.4	15	69.2	9	85.3	72.8	79.1	12.5	80	68	7.59	2.54	25
December	1011.7	1006.2	82.6	84.8	75.8	75.4	87.9	22	72.8	13	86.3	79.2	82.7	7.1	80	74	1.78	0.51	11
Year	1012.3	1009.4	77.6	83.2	72.2	71.1	91.4	Nov. 15	61.3	Aug. 3	85.4	72.1	78.7	13.3	84	68	53.56	2.55	May 16

Month	Prevailing Wind Direction (2) 0830	Prevailing Wind Direction (2) 1430	Mean Wind Speed 0830	Mean Wind Speed 1430	Cloud Amount (eighths) and Frequency of Total Cloud. Total 0830	Total 1430	Low 0830	Low 1430	0830: 0	1-2	3-5	6-7	8	1430: 0	1-2	3-5	6-7	8	Frequency of Visibility (3) 0830 Fog	Mist or Haze	Good	1430 Fog	Mist or Haze	Good	No. of days of Rain (4)	Thunder
			knots	knots																						
January	NE/N	NE-E	7	9	5.2	4.5	3.6	2.4	0	7	7	10	7	0	9	10	8	4	0	0	31	0	0	31	3	0
February	NNE/NE	NE	4	7	4.3	4.5	3.3	2.7	0	8	10	8	2	0	6	12	9	1	0	0	28	0	0	28	7	1
March	SW	NE	2	6	5.0	4.9	3.8	3.5	0	5	11	13	2	0	4	14	9	4	0	0	31	0	0	31	12	6
April	SW	NE/S	3	5	5.7	7.0	4.3	4.3	0	1	13	11	5	0	0	3	12	15	0	0	30	1	2	27	22	4
May	SW	SE-SW	4	7	5.1	5.6	3.6	4.5	0	8	5	9	9	0	2	10	10	9	0	0	31	0	8	31	19	1
June	S-SW	SE-SW	4	8	2.7	3.8	1.5	3.0	1	17	8	3	1	0	13	8	7	2	0	1	29	0	0	30	3	0
July	S-SW	SSE/S	5	11	3.7	3.9	2.0	2.9	2	12	7	7	3	0	8	14	7	2	0	0	31	0	0	31	6	0
August	SSW/SW	E-S	4	10	3.5	4.8	3.0	4.1	0	15	7	4	5	0	1	20	7	3	0	0	31	0	0	31	12	0
September	S-SW	E-S	2	11	3.9	4.6	3.3	4.1	0	12	8	7	3	0	3	16	7	4	0	0	30	0	0	30	18	0
October	E-S	E	3	11	4.4	3.6	4.1	3.1	0	7	12	11	1	0	10	15	4	2	0	0	31	0	0	31	8	0
November	E	NE-E	3	10	4.3	3.0	4.2	2.4	0	4	20	4	2	0	16	9	2	3	0	0	30	0	0	30	11	1
December	N	NE-E	6	8	5.4	4.0	4.6	2.6	0	2	10	17	2	0	13	8	8	2	0	0	31	0	0	31	8	0
Year	S-SW	NE-E	4	9	4.4	4.5	3.4	3.3	3	98	118	104	42	0	85	139	90	51	0	1	364	1	2	362	129	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 blew from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles; Good = Visibility 6½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT DODOMA IN 1953.

Latitude 6° 10'S Longitude 35° 46'E Altitude 3675 feet. Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1) 0830	Atmospheric Pressure (1) 1430	Temperature: Dry Bulb 0830	Temperature: Dry Bulb 1430	Temperature: Dew Point 0830	Temperature: Dew Point 1430	Extremes of Temperature: Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. 2	Mean Range	Relative Humidity 0830	Relative Humidity 1430	Rainfall: Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	890.8	887.1	70.6	84.9	63.5	60.0	91.5	25	63.1	5	87.2	65.7	76.5	21.5	78	44	6.59	1.18	8
February	890.0	886.8	70.6	87.3	62.6	57.4	93.1	28	63.2	12	89.9	65.4	77.7	24.5	76	36	0.04	0.04	17
March	890.5	887.1	71.0	85.9	63.2	59.2	94.0	4	61.4	26	89.4	66.2	77.8	23.2	76	41	1.04	0.43	25
April	891.4	888.2	69.8	83.1	64.0	61.2	89.8	13	62.0	24	84.9	65.2	75.1	19.7	82	48	2.48	1.12	14
May	892.8	890.0	67.5	80.8	61.4	58.7	88.1	22	59.0	30	82.8	62.5	72.7	20.3	81	47	0.02	0.01	6,7
June	893.4	890.5	64.4	80.2	56.8	56.5	86.5	28	54.9	12	82.5	58.3	70.4	24.2	77	45	0.00	0.00	-
July	894.7	892.3	62.5	77.3	55.5	54.6	85.2	1	49.0	20	79.5	56.3	67.9	23.2	78	46	0.00	0.00	-
August	894.5	891.7	63.2	78.5	55.1	53.0	83.7	9	53.0	1	80.6	58.0	69.3	22.6	75	42	0.00	0.00	-
September	893.4	890.0	65.3	80.8	57.8	56.5	86.8	27	57.1	10	83.0	60.0	71.5	23.0	77	43	0.02	0.02	15
October	892.7	888.6	67.9	83.7	60.5	60.0	89.4	31	59.0	2	85.2	61.7	73.5	23.5	78	45	0.00	0.00	-
November	891.6	887.4	71.4	88.0	63.1	59.7	94.1	22	62.8	8	89.7	65.1	77.4	24.6	76	40	0.00	0.00	-
December	890.3	886.4	71.7	84.8	66.1	64.8	97.5	9	62.0	19	88.0	67.1	77.5	20.9	82	52	6.86	2.30	18
Year	892.2	888.8	68.0	82.9	60.8	58.5	97.5	Dec. 9	49.0	July 20	85.2	62.6	73.9	22.6	78	44	16.25	2.30	Dec. 18

Month	Prevailing Wind Direction (2) 0830	Prevailing Wind Direction (2) 1430	Mean Wind Speed 0830	Mean Wind Speed 1430	Cloud Amount (eighths) and Frequency of Total Cloud: Total 0830	Total 1430	Low 0830	Low 1430	0830: 0	1-2	3-5	6-7	8	1430: 0	1-2	3-5	6-7	8	Frequency of Visibility (3) 0830: Fog	Mist or Haze	Good	1430: Fog	Mist or Haze	Good	No. of days of Rain (4)	Thunder
			knots	knots																						
January	E-SE	NE-SE	4	4	5.6	5.0	2.5	3.7	0	4	6	10	11	0	6	8	15	2	0	0	31	0	0	31	11	12
February	E	NE-ESE	9	8	4.0	3.9	1.4	2.5	0	12	3	13	0	0	9	12	6	1	0	0	28	0	0	28	1	1
March	E	E	8	8	4.7	4.9	2.3	4.0	0	8	9	8	6	0	4	13	12	2	0	1	30	0	0	31	6	3
April	E-SE	E-SE	8	8	6.3	5.6	4.7	4.5	0	2	4	11	13	0	0	13	16	1	0	0	30	0	0	30	5	3
May	E	E	9	11	4.5	4.5	3.6	4.4	0	11	5	9	6	0	9	9	8	5	0	0	31	0	0	31	2	0
June	E	ENE-SE	7	6	3.4	3.1	1.2	1.3	3	10	8	8	1	4	8	9	9	0	0	0	30	0	0	30	0	0
July	E/ESE	E-SE	9	10	2.1	2.5	1.2	2.4	7	15	3	4	2	5	14	7	5	0	0	0	31	0	0	31	0	0
August	E/ESE	E/ESE	11	11	3.4	2.9	2.4	2.5	5	8	9	7	2	2	14	10	5	0	0	0	31	0	0	31	0	0
September	E	E-SE	11	11	4.3	3.5	2.6	2.5	0	11	6	9	4	0	14	9	7	0	0	0	30	0	0	30	1	0
October	E	E	12	11	3.3	3.6	2.3	3.4	1	14	8	8	0	0	11	12	7	1	0	0	31	0	0	31	0	0
November	E/ESE	E-S	10	9	3.2	3.5	1.8	2.8	0	17	7	3	3	0	13	10	7	0	0	0	30	0	0	30	0	0
December	E-SE	E/ESE	7	6	5.6	5.3	3.7	4.1	0	5	5	12	9	0	0	14	15	2	0	0	31	0	0	31	10	3
Year	E	E-SE	9	9	4.2	4.0	2.5	3.2	16	117	73	102	57	11	102	126	112	14	0	1	364	0	0	365	36	22

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 IRINGA 2ND ORDER STATION IN 1953.

Latitude 07° 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	-	-	66.5	76.6	59.7	58.4	84.4	25	54.0	22	79.1	57.5	68.3	21.6	79	54	6.39	3.04	28
February	-	-	68.3	78.1	59.9	57.6	84.1	23	53.5	14	79.4	57.3	68.4	22.1	75	50	3.98	1.35	8
March	-	-	67.8	77.6	60.0	59.5	83.0	6	54.0	29	79.3	57.5	68.4	21.8	76	54	3.71	0.57	12
April	-	-	66.1	74.9	59.3	59.8	80.0	13,16	54.0	10	76.6	57.2	66.9	19.4	79	60	4.40	1.68	8
May	-	-	64.6	74.8	55.2	55.6	82.0	21,22	48.0	22	76.6	55.7	66.1	20.9	72	51	0.12	0.09	6
June	-	-	59.9	74.6	48.6	49.3	82.0	28	47.3	27	76.2	52.1	64.1	24.1	66	41	0.00	0.00	-
July	-	-	59.1	72.3	47.5	47.5	81.0	1	44.0	22	75.6	51.6	63.6	24.0	65	42	0.00	0.00	-
August	-	-	61.5	72.9	48.7	50.0	80.0	25	44.0	28	75.4	51.6	63.5	23.8	63	45	0.00	0.00	-
September	-	-	64.4	74.7	51.7	51.0	83.0	17	51.0	14	77.7	54.5	66.1	23.2	64	44	0.00	0.00	-
October	-	-	68.9	78.5	52.8	51.3	86.0	30	52.0	23	81.0	55.8	68.4	25.2	57	39	0.00	0.00	-
November	-	-	72.7	81.6	56.2	53.2	88.0	Often	54.0	28	85.3	58.9	72.1	26.4	57	38	0.30	0.22	20
December	-	-	67.9	73.4	59.6	57.7	88.0	3	57.0	24	78.5	60.8	69.7	17.7	75	61	5.43	1.17	19
Year	-	-	65.6	75.8	54.9	54.3	88.0	Nov. Dec. 3	44.0	July.22 Aug.28	78.4	55.9	67.1	22.5	69	48	24.33	3.04	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			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	CALM	CALM	0	1	5.3	6.6	2.2	3.2	1	7	6	7	10	0	0	4	19	8	0	0	31	0	0	31	17	0
February	CALM	CALM	0	1	2.7	5.8	1.5	2.8	8	8	6	5	1	0	2	9	12	5	0	0	28	0	0	28	9	0
March	CALM	CALM	1	1	4.5	6.4	2.5	3.5	2	6	9	11	3	0	0	5	23	3	0	0	31	0	0	31	17	0
April	CALM	CALM	2	1	4.4	6.1	2.5	3.5	0	7	12	7	4	0	0	8	20	2	0	0	30	0	0	30	12	0
May	S	SE	3	1	4.0	5.1	2.1	3.0	5	7	7	9	3	0	4	11	15	1	0	0	31	0	0	31	3	0
June	SE/S	SE/S	4	2	0.7	2.5	0.4	1.2	20	7	3	0	0	6	11	9	4	0	0	0	30	0	0	30	0	0
July	E/SE	E	7	3	1.9	2.8	0.8	1.0	16	8	2	1	4	8	5	11	7	0	0	0	31	0	0	31	0	0
August	E-S	E-S	6	5	1.5	3.5	0.3	0.5	9	16	4	2	0	5	4	15	7	0	0	0	31	0	0	31	0	0
September	E	E	4	3	1.9	5.1	0.3	1.2	5	20	1	3	1	0	5	12	8	5	0	0	30	0	0	30	0	0
October	E	E	4	4	1.8	4.6	0.6	1.9	6	18	5	1	1	0	8	15	8	0	0	0	31	0	0	31	0	0
November	NE/E	E	3	4	1.7	4.6	0.5	2.0	12	11	5	1	1	1	3	15	10	1	0	0	30	0	0	30	3	0
December	-	NW/N	1	2	5.0	6.5	3.0	4.2	0	4	11	11	5	0	0	7	13	11	1	0	30	0	1	30	20	0
Year	E	E	3	2	2.9	5.0	1.4	2.3	84	119	71	58	33	20	42	121	146	36	1	0	364	0	1	364	81	0

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

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT KIGOMA IN 1953.

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								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	914.3	912.3	70.6	77.2	65.6	67.6	85.6	24	62.4	17	80.2	66.9	73.5	13.3	85	73	4.47	1.77	3
February	912.8	911.3	71.2	77.9	66.2	68.5	85.5	15	62.2	4	81.0	67.5	74.3	13.5	84	73	8.97	3.06	3
March	913.5	911.8	70.5	77.8	66.1	68.6	88.2	15	60.1	20	80.6	66.4	3 5	14.2	86	73	5.82	1.24	19
April	914.3	912.4	70.8	78.2	66.2	68.7	87.8	1	65.0	3	82.1	67.4	74.7	15.7	85	73	5.10	2.14	6
May	914.8	912.8	71.7	81.6	64.2	65.8	89.4	17	64.1	30	85.1	67.4	76.3	17.7	78	59	0.73	0.29	2
June	915.7	914.2	68.9	80.3	62.4	61.2	88.3	1	59.9	10	82.8	65.3	74.1	17.5	80	52	0.30	0.30	28
July	916.7	914.8	67.2	80.4	54.0	58.0	88.5	17	55.7	22	83.3	61.9	72.6	21.4	63	47	0.31	0.31	1
August	915.9	913.9	70.4	81.5	55.0	59.0	89.8	20	59.6	6	85.6	65.5	75.5	20.1	59	47	0.05	0.05	29
September	914.8	912.5	72.1	81.1	59.6	63.1	91.2	26	64.4	25	85.1	67.8	76.5	17.3	65	55	0.66	0.30	18
October	914.3	911.5	73.8	81.2	62.3	65.1	89.2	3	66.2	13	84.6	68.6	76.6	16.0	69	58	1.73	0.73	15
November	914.5	912.0	71.6	77.5	66.0	67.7	83.4	22	62.7	22	80.0	67.7	73.9	12.3	82	72	2.74	0.71	26
December	913.9	911.8	70.9	75.6	66.2	68.0	82.2	1	63.5	4	79.4	67.4	73.4	12.0	85	77	7.90	2.71	6
Year	914.6	912.6	70.8	79.2	62.8	65.1	91.2	Sept. 26	55.7	July 22	82.5	66.7	74.6	15.8	77	63	38.78	3.06	Feb. 3

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	SE	W/NW	5	9	6.9	5.8	3.2	2.8	0	0	3	5	23	0	4	5	8	14	0	0	31	0	0	31	11	26
February	SE	W/NW	7	9	6.3	5.0	4.0	3.0	0	2	6	3	17	0	5	8	5	10	0	0	28	0	0	28	10	24
March	E/SE	W/NW	7	10	6.3	5.0	3.8	2.8	0	2	6	5	18	0	6	9	3	13	0	1	30	0	0	31	19	24
April	E-SE	W/NW	7	9	6.6	6.4	4.0	3.9	0	1	4	2	23	0	1	5	6	18	0	0	30	0	0	30	15	21
May	E	SW/W	8	10	5.2	4.7	3.2	3.3	0	3	12	4	12	0	3	15	8	5	0	0	31	0	0	31	4	10
June	E-SE	S-W	6	13	5.1	2.8	1.5	1.0	0	4	11	10	5	3	14	7	6	0	0	0	30	0	0	30	1	8
July	E	SSW-W	11	14	2.6	1.9	1.1	1.3	4	16	6	1	4	7	15	6	2	1	0	0	31	0	1	30	1	5
August	E	S-W	11	15	4.5	2.6	1.5	1.5	3	4	10	4	10	7	12	5	6	1	0	1	30	0	0	31	1	1
September	E	SW-W	9	14	6.3	5.3	3.0	2.3	0	2	6	7	15	0	4	8	10	8	0	0	30	0	0	30	3	9
October	E	SSW-W	7	14	6.9	6.0	2.2	2.5	0	1	2	4	24	0	2	7	8	14	0	0	31	0	0	31	6	13
November	E	W	7	9	7.2	6.7	3.8	3.2	0	0	2	3	25	0	1	3	6	20	0	0	30	0	0	30	16	29
December	E-SE	SW-NW	7	7	7.0	6.7	3.8	3.8	0	0	4	5	22	0	0	5	2	24	0	0	31	1	0	30	16	29
Year	E-SE	W/NW	8	11	5.9	4.9	2.9	2.6	7	35	72	53	198	17	67	83	70	128	0	2	363	1	1	363	103	199

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 KILWA 2ND ORDER STATION IN 1953.

Latitude 08° 56'S Longitude 39° 31'E Altitude 46 feet. Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature							Relative Humidity		Rainfall		
			Dry Bulb		Dew Point													
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. / 2	Mean Range	0830	1430	Total	Max. in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	82.3	85.1	75.4	74.4	95.0	28	-	-	89.7	-	-	-	80	71	3.50	1.77	3
February	-	-	83.9	88.0	75.2	74.9	95.5	1	-	-	90.8	-	-	-	75	66	1.14	0.60	24
March	-	-	82.8	87.0	76.4	76.0	98.0	21	-	-	90.4	-	-	-	81	70	5.56	1.47	30
April	-	-	81.2	85.3	75.9	77.1	93.0	12,13,14	-	-	88.8	-	-	-	84	77	9.94	3.32	20
May	-	-	79.6	84.2	73.1	73.3	93.0	16	-	-	87.1	-	-	-	80	70	2.37	0.90	10
June	-	-	77.4	82.6	67.1	69.7	89.5	7,15	-	-	85.8	-	-	-	71	65	0.00	0.00	-
July	-	-	76.2	81.9	64.5	67.8	86.0	5,20	65.0	23	84.0	69.8	76.9	14.2	67	63	0.17	0.17	16
August	-	-	77.8	81.9	67.7	69.4	90.0	18	65.0	3	84.1	70.7	77.4	13.4	71	66	0.26	0.22	29
September	-	-	78.0	81.1	69.2	70.7	85.5	29	68.5	5,10	83.1	71.5	77.3	11.6	75	70	2.29	1.33	4
October	-	-	80.9	84.1	71.9	71.7	88.0	29	70.5	9	86.1	75.0	80.5	11.1	75	67	0.37	0.20	1
November	-	-	83.9	87.3	72.9	73.7	91.0	23	74.0	3	89.0	77.2	83.1	11.8	70	64	0.00	0.00	-
December	-	-	82.1	85.7	75.4	76.6	92.5	10	72.0	21	88.5	77.7	83.1	10.8	81	74	8.56	5.34	20
Year	-	-	80.5	84.5	72.1	72.9	98.0	Mar. 21	-	-	87.3	-	-	-	76	69	34.16	5.34	Dec. 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			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	NW	NE/N	5	7	3.1	4.6	3.1	4.4	0	23	3	1	4	0	4	18	1	8		0	0	31	0	0	31	8	0
February	N	NE/N	4	5	2.5	3.3	2.5	3.3	0	20	7	1	0	0	9	17	1	1		0	0	28	0	0	28	9	0
March	SW	NE/E	2	3	3.4	3.5	3.4	3.5	0	22	1	4	4	0	19	4	3	5		0	0	31	0	0	31	15	1
April	SE	NE-SE	3	3	4.3	3.8	4.3	3.8	0	11	8	8	3	0	15	7	5	3		0	0	30	0	0	30	16	3
May	SE	E/SE	5	6	3.8	2.8	3.8	2.8	0	13	10	3	5	0	18	10	3	0		0	0	31	0	0	31	6	1
June	E-S	E	4	6	2.4	2.7	2.4	2.7	1	18	11	0	0	0	14	16	0	0		0	0	30	0	0	30	0	0
July	SE	E	6	6	2.7	2.5	2.6	2.5	1	17	10	2	1	0	22	8	0	1		0	0	31	0	0	31	1	0
August	SE	E	4	6	3.5	2.7	3.4	2.7	0	7	21	2	1	0	19	10	1	1		0	0	31	0	0	31	2	0
September	E/SE	E	4	4	4.0	3.1	3.6	2.8	0	6	20	4	0	0	18	10	2	0		0	0	30	0	0	30	4	0
October	E	E	3	5	3.6	2.6	3.6	2.6	0	5	22	4	0	0	20	9	2	0		0	0	31	0	1	30	3	0
November	E	NE/E	3	5	3.3	2.1	3.3	2.1	0	4	26	0	0	0	25	4	1	0		0	0	30	0	0	30	0	0
December	N/W	NE/N	4	5	3.8	3.4	3.8	3.4	2	2	20	6	1	2	10	12	7	0		0	0	31	0	0	31	8	4
Year	E/SE	NE/E	4	5	3.4	3.1	3.3	3.1	4	148	159	35	19	2	193	125	26	19		0	0	365	0	1	364	72	9

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

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT KONDOA IN 1953.

Latitude 04° 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	865.5	862.0	70.5	81.7	59.4	57.0	91.0	27	56.5	19	86.4	63.1	74.7	23.3	68	44	9.01	4.83	3
February	864.4	861.5	71.0	85.3	60.1	59.1	91.5	28	59.0	4	89.2	63.8	76.5	25.4	69	42	0.21	0.11	1
March	864.5	861.6	70.3	82.9	61.2	58.5	92.1	4	61.0	25	87.3	64.4	75.9	22.9	73	44	2.72	0.98	17
April	865.3	862.8	68.5	78.1	61.8	61.7	89.0	2,7	57.2	24	82.7	62.4	72.5	20.3	79	57	3.81	1.95	7
May	866.9	864.3	66.9	77.9	58.8	58.4	85.0	22	56.0	29	79.6	60.0	69.8	19.6	76	52	1.81	0.74	12
June	867.4	864.5	62.3	80.0	53.9	54.0	86.5	28	48.2	10	82.0	54.9	68.5	27.1	74	41	0.12	0.12	1
July	868.5	866.1	61.3	76.8	52.5	52.3	84.5	5	43.8	20	79.7	53.5	66.6	26.2	73	43	0.04	0.02	16,18
August	868.3	865.8	62.2	77.3	52.7	52.0	84.0	6,18	52.0	1,2,4	79.9	56.5	68.2	23.4	71	42	0.00	0.00	-
September	867.4	864.0	64.3	79.8	54.5	53.5	87.3	16	53.5	5	81.8	58.0	69.9	23.8	70	40	0.00	0.00	-
October	866.9	862.8	67.6	83.5	56.0	53.3	91.1	28	55.2	17	86.0	60.1	73.1	25.9	66	36	0.05	0.05	10
November	865.8	861.9	71.4	86.9	60.3	57.6	95.0	22	59.1	8	89.6	62.8	76.2	26.8	68	37	0.04	0.03	1
December	864.5	860.3	71.0	84.8	61.7	59.5	94.0	5,16	61.1	3	88.2	63.9	76.1	24.3	73	43	3.78	1.11	18
Year	866.3	863.1	67.3	81.3	57.7	56.4	95.0	Nov. 22	43.8	July 20	84.4	60.3	72.3	24.1	72	43	21.59	4.83	Jan. 3

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	N	4	4	4.4	4.6	3.5	3.6	1	12	4	9	5	0	8	13	9	1	0	1	30	0	0	31	10	0
February	NE	NE	7	6	3.4	3.7	1.9	3.0	0	16	4	7	1	0	12	10	6	0	0	0	28	0	0	28	2	0
March	NE	NE/N	6	5	4.7	4.6	2.9	3.7	0	12	4	12	3	0	6	14	9	2	0	0	31	0	0	31	5	0
April	NE/E	NE/S	4	4	5.7	5.4	4.3	3.7	0	4	6	10	4	0	3	9	8	4	0	0	24	0	0	24	13	0
May	NE	NE	5	4	5.4	5.1	2.8	3.6	0	7	6	15	3	0	9	7	7	8	0	0	31	0	0	31	6	0
June	NE	NE/SE	5	4	3.2	2.8	1.0	1.1	3	13	6	4	3	0	19	5	5	0	0	0	29	0	0	29	1	0
July	NE/E	NE	6	7	3.9	3.8	3.7	3.6	2	11	8	6	4	2	7	14	7	1	0	0	31	0	0	31	2	0
August	NE/E	NE/E	6	5	7.0	4.5	3.8	3.2	1	8	7	8	7	3	4	13	8	3	0	0	31	0	0	31	0	0
September	NE	NE/E	5	5	5.8	4.8	5.1	4.1	0	1	15	4	10	0	3	17	9	1	0	0	30	0	0	30	0	0
October	NE	NE/E	7	6	4.8	4.4	3.8	3.9	0	5	16	3	7	0	3	17	9	2	0	0	31	0	0	31	1	0
November	NE/N	NE/E	5	6	4.6	4.2	2.9	3.3	0	4	16	8	2	0	2	14	12	2	0	0	30	0	0	30	2	0
December	NE/N	NE/N	3	3	5.1	5.9	3.3	5.3	1	8	5	14	3	0	0	10	20	1	0	1	30	0	0	31	8	0
Year	NE	NE/E	5	5	4.8	4.5	3.3	3.5	8	101	97	100	52	5	76	143	109	25	0	2	356	0	0	358	50	0

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

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT KONGWA EXPT. IN 1953.

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								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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
April	-	-	70.6	82.1	66.6	67.5	88.0	Often	-	-	84.4	-	-	-	87	61	3.73	1.20	8
May	-	-	70.4	81.7	62.5	61.8	90.0	22	-	-	83.5	-	-	-	76	51	0.14	0.07	13
June	-	-	66.7	83.4	56.6	57.9	90.0	23,30	-	-	84.8	-	-	-	70	42	0.00	0.00	-
July	-	-	64.4	80.2	55.0	54.6	88.0	1,4	-	-	81.4	-	-	-	72	41	0.16	0.16	18
August	-	-	65.9	80.3	55.5	55.4	87.0	12	-	-	81.9	-	-	-	70	42	0.00	0.00	-
September	-	-	68.2	82.9	58.1	56.7	90.0	29	-	-	84.3	-	-	-	71	41	0.39	0.39	16
October	-	-	71.3	85.7	57.8	56.5	92.0	28,29	-	-	87.4	-	-	-	63	37	0.00	0.00	-
November	-	-	74.3	90.4	61.0	55.0	99.0	29	-	-	92.0	-	-	-	63	30	0.02	0.02	25
December	-	-	74.0	86.9	65.1	62.7	97.0	4	-	-	90.8	-	-	-	74	45	1.15	0.42	16
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			Rain	
	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	(4)	Thunder
			knots	knots																							
January	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-
April	SE	SE	6	10	5.3	5.1	4.0	3.8	0	4	7	19	0	0	0	16	14	0		0	1	29	0	2	28	7	6
May	SE	SE	9	16	3.4	4.0	2.5	3.2	5	7	11	8	0	0	7	18	6	0		0	1	30	0	1	30	3	0
June	NE-SE	SE	9	13	1.4	2.5	0.9	1.3	15	8	4	3	0	5	12	10	3	0		0	2	28	0	1	29	0	0
July	E/SE	SE	10	9	2.2	3.3	1.8	3.1	13	7	6	2	3	6	8	9	4	4		0	0	31	0	0	31	1	0
August	NE-SE	SE	10	13	2.9	3.0	2.5	2.9	5	11	9	5	1	3	12	12	2	2		0	0	31	0	0	31	0	0
September	NE-SE	SE	13	15	3.4	3.9	3.0	3.3	1	12	10	6	1	0	5	23	2	0		0	1	29	0	0	30	1	1
October	NE	NE/SE	17	19	2.3	3.2	1.9	3.0	2	18	9	1	1	0	13	14	4	0		0	0	31	0	0	31	0	0
November	NE	NE/SE	14	18	1.9	2.7	1.7	3.3	2	22	4	2	0	1	13	15	1	0		0	0	30	0	0	30	1	0
December	NE	NE/SE	12	15	4.6	5.0	4.2	4.5	0	8	12	5	6	0	2	14	12	3		0	2	29	0	0	31	8	3
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 LINDI METEOROLOGICAL STATION IN 1953.

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	1008.6	1005.1	80.2	86.3	74.9	74.8	92.2	12	72.3	2	88.8	75.1	81.9	13.7	84	69	7.12	2.43	7
February	1008.5	1005.4	80.8	87.0	75.0	74.8	91.4	6	71.0	27	89.3	75.1	82.2	14.2	83	68	1.84	0.50	24
March	1008.7	1005.4	79.1	85.4	75.1	76.1	91.8	13	71.0	27	88.6	74.1	81.3	14.5	88	74	8.44	2.09	25
April	1009.1	1006.2	78.4	83.7	74.5	74.9	90.8	14	70.8	22	87.9	73.5	80.7	14.4	88	75	5.81	1.53	3
May	1011.9	1008.8	75.4	84.9	71.0	71.8	88.8	5,18	66.5	25	87.3	70.7	79.0	16.6	86	65	1.51	0.62	1
June	1013.2	1009.4	71.3	84.8	65.7	66.4	89.6	22	59.8	15	87.0	66.1	76.5	20.9	83	54	0.00	0.00	-
July	1015.4	1012.4	70.6	84.0	65.3	67.5	89.2	3,14	61.0	24	86.7	65.5	76.1	21.2	83	59	0.45	0.45	18
August	1015.4	1012.7	72.8	82.7	66.5	66.8	88.5	20	62.4	2	85.7	67.0	76.3	18.7	80	59	0.05	0.04	5
September	1014.2	1010.9	74.3	82.7	67.5	68.2	89.2	1	64.6	10	85.3	67.7	76.5	17.6	80	62	0.12	0.12	4
October	1012.8	1009.7	77.8	83.8	69.5	68.8	90.5	13	67.0	9	85.9	70.5	78.2	15.4	76	61	0.35	0.27	12
November	1010.9	1007.9	81.0	85.7	71.7	70.9	90.8	25	71.0	2,7,23	88.1	73.4	80.7	14.7	74	61	0.48	0.37	12
December	1007.9	1005.4	80.9	84.1	74.6	74.4	91.0	6	71.8	8	88.2	75.8	82.0	12.4	82	73	7.80	1.77	6
Year	1011.4	1008.3	76.9	84.6	70.9	71.3	92.2	Jan. 12	59.8	June 15	87.4	71.2	79.3	16.2	82	65	33.97	2.43	Jan. 7

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Freque cy 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	SE-N	NE	8	13	5.4	4.5	3.6	2.3	0	3	10	9	9	0	8	10	6	7	0	1	30	0	0	31	10	10
February	NNE-SW	NE	8	15	5.4	4.0	3.6	2.0	0	1	11	5	11	0	10	8	6	4	0	0	28	0	0	28	10	10
March	S-SW	NE	7	10	4.9	5.4	2.6	3.7	0	5	11	5	10	0	3	13	4	11	0	0	31	1	0	30	13	23
April	SW	NE-SW	8	6	3.4	5.5	1.9	2.9	0	15	7	5	3	0	2	11	8	9	0	0	30	0	2	28	16	14
May	SSW/SW	E-SW	7	7	2.8	4.6	1.6	3.6	1	18	6	5	1	1	5	13	6	6	0	1	30	0	0	31	6	0
June	S-SW	NE-SW	8	11	2.2	3.2	0.7	2.6	2	20	5	2	1	1	12	13	4	0	0	0	30	0	0	30	0	0
July	S-SW	NE/S	9	13	1.6	3.8	0.9	3.4	6	19	5	0	1	0	11	10	8	2	0	0	31	0	0	31	1	0
August	SSW	NE-SE	7	14	3.7	4.3	2.6	3.4	0	12	11	6	2	0	8	11	10	2	0	0	31	0	0	31	2	0
September	S/SSW	NE	7	16	4.1	3.7	3.6	2.8	1	7	12	6	4	0	8	16	6	0	0	0	30	0	0	30	1	0
October	SE-SW	NNE-E	6	16	6.1	4.1	5.4	2.5	0	0	7	19	5	0	8	13	8	2	0	0	31	0	0	31	4	0
November	NNE-SSW	NNE-E	5	15	5.9	3.6	5.9	2.8	0	0	10	17	3	0	6	20	4	0	0	0	30	0	0	30	4	1
December	S/N	NE	3	11	6.7	5.8	5.0	3.7	0	0	4	21	6	0	3	7	11	10	0	1	30	0	1	30	18	11
Year	S-SW	NE	7	12	4.3	4.4	3.1	3.0	10	100	99	100	56	2	84	145	81	53	0	3	362	1	3	361	85	69

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions: two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = visibility less than 1100 yards; Mist or Haze = visibility 1100 yards to 6 miles; Good = Visibility 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 LOLIONDO IN 1953

Latitude 02° 03'S Longitude 35° 37'E Altitude 7000 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	-	-	61.0	73.0	51.9	50.0	77.0	Often	47.1	10	75.0	51.4	63.2	23.6	73	44	0.99	0.63	12
February	-	-	61.5	75.3	52.3	48.9	80.0	6	47.0	5	77.4	51.9	64.7	25.5	72	39	0.00	0.00	-
March	-	-	60.6	74.6	54.8	50.9	79.2	4	50.4	26	77.1	54.6	65.9	22.5	81	43	2.42	1.13	17
April	-	-	59.2	69.1	55.7	56.0	77.0	6	51.0	19	71.5	55.0	63.3	16.5	88	63	5.32	1.33	10
May	-	-	57.3	66.4	54.0	54.5	71.0	22	50.0	23	67.6	53.7	60.7	13.9	90	66	4.12	1.29	2
June	-	-	58.1	67.3	51.9	52.0	73.4	30	43.0	4,12	69.4	49.1	59.3	20.3	80	58	0.83	0.35	5
July	-	-	52.7	65.1	48.1	47.5	73.0	29	42.0	9,21	66.9	46.8	56.9	20.1	85	53	0.00	0.00	-
August	-	-	54.1	66.6	49.1	47.5	72.3	2	44.0	Often	68.2	48.7	58.5	19.5	83	51	0.19	0.19	14
September	-	-	55.9	67.4	50.8	48.8	77.0	27	48.0	5,27	70.6	50.5	60.5	20.1	83	51	0.50	0.40	14
October	-	-	57.6	70.3	51.1	49.0	77.0	31	49.0	8	72.7	52.1	62.4	20.6	79	47	0.10	0.10	18
November	-	-	59.9	67.8	52.3	49.2	76.0	1,5	49.0	5,21	70.6	52.9	61.7	17.7	76	52	2.37	0.97	24
December	-	-	60.9	70.3	52.9	51.3	78.0	16,27	46.0	15,29,30	71.6	51.3	61.5	20.3	75	51	3.25	1.09	18
Year	-	-	58.2	69.4	52.1	50.5	80.0	Feb. 6	42.0	July 9,21	71.5	51.5	61.5	20.0	80	51	20.09	1.33	April 10

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.															Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430						0830			1430			Rain (4)	Thunder
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good		
			knots	knots																						
January	NE/E	NE/E	6	6	5.1	5.5	5.0	5.0	1	2	14	12	2	0	0	12	17	2	0	2	29	1	1	29	5	0
February	E	E	7	7	5.2	4.5	5.2	4.2	0	0	18	8	2	0	0	22	6	0	1	1	26	0	0	28	0	0
March	NE/E	NE/E	6	7	6.0	5.3	6.0	5.0	1	0	9	16	5	0	0	18	12	1	0	4	27	1	0	30	5	0
April	NE/E	NE/E	5	6	7.0	5.9	6.9	5.5	0	0	4	12	14	0	0	9	20	1	1	4	25	0	0	30	11	0
May	E	E	7	8	7.2	5.5	7.1	5.1	0	0	2	16	13	0	0	16	14	1	4	7	20	0	1	30	7	0
June	NE	NE	2	3	6.4	5.9	6.0	5.2	0	0	9	13	8	0	0	11	18	1	2	1	27	0	0	30	4	0
July	NE	NE	5	7	6.9	5.0	5.3	4.0	0	0	4	13	14	0	2	16	13	0	0	1	30	0	0	31	0	0
August	E	E	5	7	7.0	6.1	5.9	5.1	0	0	3	17	11	0	0	13	15	3	1	4	26	0	0	31	1	0
September	E	E	7	8	6.4	5.9	6.0	5.2	0	0	3	20	6	0	0	9	19	2	0	1	29	0	1	29	2	0
October	NE	NE	8	10	6.7	5.4	6.2	5.0	0	0	1	27	3	0	2	9	20	0	0	2	29	0	0	31	1	0
November	E	E	8	9	6.7	6.1	6.0	5.0	0	0	5	16	9	0	0	8	19	3	0	3	27	0	0	30	6	0
December	NE	NE	5	7	6.2	5.9	5.7	5.0	0	0	9	19	3	0	0	8	23	0	1	0	30	0	0	31	4	0
Year	NE/E	NE/E	6	7	6.4	5.6	5.9	4.9	2	2	81	189	90	0	4	151	196	14	10	30	325	2	3	360	46	0

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

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT LYAMUNGU IN 1953.

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

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Dry Bulb		Dew Point						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	%	%	ins.	ins.	
January	-	-	67.9	82.3	60.1	59.6	89.8	19	52.2	21	85.1	57.6	71.3	27.5	76	47	1.39	0.44	29
February	-	-	67.1	84.1	58.4	60.5	89.6	4,28	53.2	25,27	86.6	55.6	71.1	31.0	74	45	0.60	0.60	2
March	-	-	67.2	81.5	62.5	61.0	90.0	4	54.5	8	84.6	59.2	71.9	25.4	85	50	1.07	0.44	27
April	-	-	65.8	76.3	62.7	64.9	86.2	7	56.8	18	78.8	60.7	69.7	18.1	90	68	14.59	3.85	20
May	-	-	62.7	71.3	61.1	64.1	77.0	3,22	51.6	23	72.9	59.7	66.3	13.2	94	78	14.06	1.59	2
June	-	-	61.4	70.3	57.5	60.0	76.6	23	48.9	27	72.7	55.5	64.1	17.2	87	70	1.67	0.85	4
July	-	-	58.7	68.7	55.6	56.8	76.1	1,2	46.4	23	70.4	53.7	62.1	16.7	90	66	2.34	1.03	18
August	-	-	58.9	68.8	56.8	58.0	75.0	5	50.0	22	70.1	55.4	62.7	14.7	94	69	2.63	0.85	30
September	-	-	60.8	71.4	57.8	58.6	79.3	29	50.8	29	73.8	56.2	65.0	17.6	90	65	1.79	0.50	2
October	-	-	63.0	74.8	59.3	59.1	84.0	26	50.0	5	76.2	52.9	64.5	23.3	88	58	2.24	0.51	13
November	-	-	66.1	77.0	61.7	62.7	85.1	4	50.9	10	80.1	57.0	68.5	23.1	87	62	4.90	1.17	13
December	-	-	68.0	80.0	63.5	68.3	86.2	15	53.2	29	82.5	57.6	70.1	24.9	86	68	1.29	0.46	9
Year	-	-	64.0	75.5	59.7	61.1	90.0	Mar. 4	46.4	July 23	77.8	56.8	67.3	21.0	87	62	48.57	3.85	April 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			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	CALM	SE/S	1	3	3.1	4.3	2.5	4.0	5	14	5	2	5	0	5	17	9	0	1	0	30	0	0	31	5	2
February	S	S	1	3	1.4	4.2	1.0	4.0	8	14	4	2	0	0	6	15	5	2	0	0	28	0	0	28	1	2
March	CALM	SE-SW	1	4	4.7	5.7	4.0	5.6	2	7	7	3	3	0	1	9	19	2	0	0	31	0	0	31	12	3
April	CALM	SE	1	3	6.8	6.0	6.4	6.0	0	1	6	9	14	0	1	7	21	1	2	0	28	0	0	30	22	2
May	SE	SE	2	4	7.1	5.8	7.1	5.8	1	2	1	4	23	0	1	11	15	4	5	0	26	0	1	30	24	1
June	CALM	SE	1	3	5.7	3.8	5.4	3.7	1	6	5	3	15	0	12	9	6	3	1	1	28	0	0	30	7	0
July	CALM	SE	1	3	6.7	4.8	6.5	4.7	2	1	3	2	23	1	7	7	9	7	3	2	26	1	0	30	13	0
August	SE	SE	2	3	7.2	5.9	7.2	5.6	0	2	1	5	23	0	4	6	14	7	2	4	25	0	1	30	12	0
September	SE	SE	1	3	7.0	5.6	6.7	5.2	1	0	1	11	17	0	2	11	12	5	2	3	25	0	1	29	14	0
October	SE	SE	3	4	6.4	4.9	6.1	4.9	1	2	5	6	17	0	5	12	10	4	6	0	25	0	1	30	10	0
November	SE/S	E-S	1	5	4.5	4.9	4.3	4.8	2	12	1	4	11	0	5	12	10	3	0	1	29	0	1	29	12	1
December	S	E/S	2	4	3.5	5.2	3.0	4.9	3	15	3	6	4	0	2	14	14	1	0	1	30	0	0	31	8	4
Year	SE	SE	1	3	5.3	5.1	5.0	4.9	26	76	42	63	158	1	51	130	144	39	22	12	331	1	5	359	140	15

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 MAFIA IN 1953.

Latitude 07° 55'S Longitude 39° 40'E Altitude 70 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	-	-	82.5	86.1	-	-	92.5	16	73.0	5	88.4	76.3	82.3	12.1	-	-	4.47	1.43	2
February	-	-	82.8	88.2	76.4	75.3	92.5	15	72.5	26	89.1	75.6	82.3	13.5	81	66	6.46	1.60	2
March	-	-	82.0	83.5	76.6	76.4	91.5	4	77.[illegible]	17	88.2	75.7	81.9	12.5	84	80	8.55	1.50	16
April	-	-	79.1	81.7	77.1	79.1	91.0	14	71.0	19,23	84.5	74.5	79.5	10.0	94	92	29.89	6.07	18
May	-	-	78.9	82.7	73.9	74.8	87.0	22	71.0	12	84.1	73.9	79.0	10.2	85	77	9.01	2.36	2
June	-	-	77.0	80.8	-	-	84.0	28	67.5	6	81.9	72.6	77.3	9.3	-	-	1.46	0.59	4
July	-	-	75.9	79.9	-	-	83.5	3	67.5	18	81.2	71.9	76.5	9.3	-	-	2.66	1.03	15
August	-	-	76.3	80.0	-	-	84.5	19	67.5	6	81.5	70.7	76.1	10.8	-	-	1.55	0.90	5
September	-	-	77.8	80.9	-	-	86.0	28,30	68.0	7,10	82.9	70.4	76.7	12.5	-	-	0.54	0.54	9
October	-	-	80.7	84.4	69.6	68.7	88.0	11,27,28	70.0	2,26	86.8	72.5	79.7	14.3	69	60	0.15	0.15	11
November	-	-	82.9	84.9	73.0	73.7	91.5	23	71.0	8	87.6	73.2	80.4	14.4	73	70	1.78	1.54	26
December	-	-	83.3	85.5	76.3	75.6	91.0	2	72.5	12	88.1	76.0	82.1	12.1	80	73	6.83	1.63	11
Year	-	-	79.9	83.2	-	-	92.5	Jan 16 Feb. 15	67.5	(*)	85.4	73.6	79.5	11.8	-	-	73.35	6.07	Apr. 18

(*) Several dates: 6th June, 18th July and 6th August, 1953.

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	N	6	6	4.7	4.0	3.7	3.1	0	2	18	10	1	0	9	15	7	0	0	0	31	0	0	31	5	0
February	N	N	5	6	4.1	4.0	3.5	3.1	0	5	19	4	0	0	5	18	5	0	0	0	28	0	0	28	8	0
March	NW/N	NE/N	5	5	4.2	5.0	3.5	3.5	0	4	21	4	2	0	2	19	9	1	0	1	30	0	0	31	12	0
April	S	S	6	6	5.9	5.6	3.9	4.0	0	2	12	10	6	0	1	14	11	4	0	6	24	0	3	27	23	0
May	S	S	8	9	4.8	4.8	3.4	4.1	0	4	16	8	3	0	1	23	5	2	0	2	29	0	2	29	9	1
June	S	S	9	10	3.3	2.7	3.0	2.6	2	9	14	4	1	5	11	13	1	0	0	0	30	0	0	30	3	0
July	S	S	11	11	4.1	3.4	3.5	3.0	1	6	17	6	1	2	5	23	1	0	0	2	29	0	1	30	5	0
August	SE/S	SE/S	9	10	3.9	4.2	3.4	3.5	0	7	16	8	0	1	1	23	5	1	0	0	31	0	0	31	4	0
September	SE	NE/SE	7	8	4.2	4.2	3.6	3.6	0	2	22	6	0	0	3	22	5	0	0	1	29	0	1	29	1	0
October	NE/N	NE/N	7	8	4.2	3.8	4.0	3.5	0	2	26	3	0	0	5	23	3	0	0	0	31	0	0	31	1	0
November	N	N	6	6	3.9	4.2	3.5	3.8	0	1	26	3	0	0	5	19	6	0	0	0	30	0	0	30	2	0
December	N	N	5	7	4.7	4.5	3.8	3.2	0	4	16	9	2	0	6	15	7	3	0	2	29	0	2	29	12	0
Year	S/N	S/N	7	8	4.3	4.2	3.6	3.4	3	48	223	75	16	8	54	227	65	11	0	14	351	0	9	356	85	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 MBEYA IN 1953

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														
	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	829.3	827.3	62.8	69.9	57.5	58.5	79.0	22	53.0	31	74.1	57.5	65.8	16.6	84	68	7.19	2.25	4
February	828.4	826.9	63.6	71.6	57.5	58.2	80.2	15	54.0	3,14	75.6	57.2	66.4	18.4	81	63	3.52	0.98	17
March	828.9	827.4	62.7	70.6	57.7	60.3	77.6	20	51.5	30	74.0	56.7	65.3	17.3	85	70	4.56	1.38	12
April	829.8	828.3	62.6	69.7	57.5	60.0	78.5	12	51.6	18	73.4	55.9	64.7	17.5	83	71	4.70	2.03	21
May	830.7	829.3	60.8	70.2	54.0	57.3	78.0	21	47.6	27	72.5	52.9	62.7	19.6	79	64	0.62	0.28	6
June	831.1	829.9	55.3	69.4	48.2	51.0	79.0	27	13.0	19	70.9	47.5	59.2	23.4	77	52	0.00	0.00	-
July	832.1	831.0	54.7	67.8	45.3	48.0	78.6	28	40.6	22	70.2	47.3	58.7	22.9	71	49	0.00	0.00	-
August	831.7	830.3	56.6	71.5	45.7	48.6	78.5	26	40.2	3	73.5	48.7	61.1	24.8	68	44	0.00	0.00	-
September	830.7	828.8	59.9	72.0	50.7	51.7	82.8	29	47.1	11	74.5	52.4	63.5	22.1	72	49	1.10	0.79	6
October	829.9	827.6	63.6	77.5	50.3	51.0	84.9	31	45.0	8	80.2	53.7	66.9	26.5	62	40	0.10	0.10	13
November	829.7	827.2	66.5	77.3	54.6	53.6	85.0	23	54.2	25	82.2	57.8	70.0	24.4	66	45	1.43	0.48	20
December	828.9	826.8	64.1	69.8	58.[illegible]	58.5	81.8	10,15	53.4	4	75.4	58.2	66.8	17.2	81	68	4.13	0.64	28
Year	830.1	828.4	61.1	71.4	52.7	54.7	85.0	Nov. 23	40.2	Aug. 3	74.7	53.8	64.3	20.9	75	57	27.35	2.25	Jan. 4

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.														Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430					0830			1430			Rain (4)	Thunder
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good		
			knots	knots																						
January	E	W	4	7	6.9	6.7	3.0	4.8	0	2	1	10	18	0	1	4	12	14	0	0	31	0	0	31	19	24
February	E	ENE-SE	5	8	5.3	6.0	2.6	4.7	0	8	2	4	14	0	1	7	13	7	1	1	26	0	0	28	13	21
March	E	E	4	6	6.1	6.7	3.1	5.3	0	2	6	8	15	0	0	3	13	15	0	0	31	0	0	31	18	15
April	E	E-S	3	6	5.1	6.8	2.0	6.1	0	5	8	10	7	0	0	5	11	14	0	0	30	0	0	30	14	13
May	E	SE/S	3	8	3.4	5.3	1.9	4.8	0	15	7	8	1	0	1	15	10	5	0	0	31	0	0	31	3	0
June	E/SE	SE-SW	4	12	2.4	3.6	1.0	2.0	1	19	6	4	0	0	12	10	8	0	0	0	30	0	0	30	0	0
July	E/SE	S	7	15	1.6	2.5	1.6	2.3	1	26	2	2	0	0	20	8	3	0	0	0	31	0	0	31	0	0
August	E	E-S	7	13	1.9	3.0	1.2	2.8	0	25	3	3	0	0	14	13	4	0	0	0	31	0	0	31	0	0
September	E	S	7	13	3.4	5.3	2.0	4.4	0	15	5	6	4	0	1	14	13	2	0	0	30	0	0	30	3	2
October	E	E-S	12	11	2.9	5.6	0.7	4.5	1	16	7	7	0	0	2	11	17	1	0	0	31	0	0	31	1	4
November	E	E-S	11	9	4.0	6.3	1.0	5.8	0	10	7	11	2	0	0	7	13	10	0	0	30	0	0	30	6	13
December	E	VARIABLE	3	9	6.7	7.4	3.7	6.3	0	0	5	10	16	0	0	1	8	22	0	0	31	0	0	31	22	20
Year	E	E-S	6	10	4.1	5.4	2.0	2.0	3	143	59	83	77	0	52	98	125	90	1	1	363	0	0	365	99	126

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 MBULU IN 1953.

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				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	-	-	61.6	76.7	56.6	56.7	81.0	15,18,25	45.0	20,21,26	78.5	55.2	66.9	23.3	84	50	5.49	2.89	3
February	-	-	60.5	77.5	55.3	53.3	82.0	4,15	46.0	4,8	79.7	54.3	67.0	25.4	83	43	0.00	0.00	-
March	-	-	61.1	78.1	57.3	56.4	83.0	5	54.0	6	80.3	57.3	68.8	23.0	88	47	2.81	0.70	17
April	-	-	60.0	73.5	-	57.7	81.0	3,4,15	55.0	2,20	78.9	56.8	67.9	22.1	-	58	3.35	0.98	10
May	-	-	58.8	68.8	55.0	57.3	79.0	Often	53.0	22,23	73.3	56.1	63.7	17.2	88	67	4.12	1.30	3
June	-	-	58.1	72.4	54.0	56.5	81.0	9	42.0	15	75.5	53.4	64.5	22.1	86	58	0.00	0.00	-
July	-	-	55.3	67.6	49.8	53.0	76.0	2,3	44.0	26	69.6	51.4	60.5	18.2	82	59	0.04	0.04	18
August	-	-	55.1	69.0	-	-	72.0	5	50.0	27,29	69.6	51.9	60.7	17.7	-	-	0.28	0.12	30
September	-	-	55.6	69.7	51.6	53.2	77.0	28	46.0	29	70.0	50.7	60.3	19.3	86	56	0.00	0.00	-
October	-	-	57.0	71.7	52.8	55.5	80.0	15,29	50.0	11	73.1	52.4	62.7	20.7	87	57	1.10	0.55	14
November	-	-	61.9	74.2	56.0	56.6	81.0	9,21,22	49.0	1	76.7	57.2	66.9	19.5	82	55	5.19	1.50	11
December	-	-	63.6	74.1	58.0	57.0	79.0	4,6,15	43.0	19	76.4	55.9	66.1	20.5	82	55	4.22	1.18	17
Year	-	-	59.1	72.8	-	-	83.0	Mar. 5	42.0	June 15	75.1	54.4	64.7	20.7	-	-	26.60	2.89	Jan. 3

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	SE	SE	11	13	5.1	4.2	5.8	4.2	2	5	7	11	6	0	9	12	10	0	0	1	30	0	0	31	10	0
February	SE	SE	13	15	4.5	3.3	4.5	3.3	3	5	8	9	3	2	7	16	3	0	0	0	28	0	0	28	0	0
March	SE	SE	15	15	7.0	4.3	7.0	4.3	0	0	3	10	17	0	1	26	3	0	0	0	30	0	0	30	9	0
April	SE	SE	15	15	7.9	5.8	7.9	5.8	0	0	0	2	28	0	0	12	15	3	0	1	29	0	0	30	13	0
May	SE	SE	12	15	7.9	6.6	7.9	6.6	0	0	0	2	29	0	1	2	19	9	1	3	27	0	0	31	14	0
June	SE	SE	14	15	6.3	3.5	6.3	3.5	1	1	6	7	13	2	6	15	5	0	0	2	26	0	0	28	0	0
July	SE	SE	15	15	7.6	4.9	7.6	4.9	0	0	0	10	21	0	3	18	8	2	1	2	28	0	0	31	1	0
August	SE	SE	15	15	7.7	5.1	7.7	5.1	0	0	1	3	25	0	0	16	12	1	0	1	28	0	0	29	4	0
September	SE	SE	15	15	7.8	4.9	7.8	4.9	0	0	0	5	25	0	0	20	10	0	0	0	30	0	0	30	0	0
October	SE	SE	15	15	7.6	4.5	7.6	4.5	0	0	2	4	19	0	2	17	6	0	0	1	24	0	0	25	4	0
November	SE	SE	14	15	7.5	5.2	7.5	5.2	0	0	2	5	23	1	5	4	19	1	0	6	24	0	0	30	9	1
December	SE	SE	13	16	5.2	4.7	5.2	4.6	8	1	0	10	12	3	3	9	15	1	0	2	29	0	0	31	11	2
Year	SE	SE	14	15	6.8	4.7	6.8	4.7	14	12	29	78	221	8	37	167	125	17	2	19	333	0	0	354	75	3

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

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT MOROGORO IN 1952.

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						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	-	-	75.6	88.7	69.2	66.6	94.8	18	67.0	20	90.4	69.7	80.1	20.7	81	49	1.64	0.72	3
February	-	-	77.0	91.8	68.8	64.1	98.0	22	66.2	12,25	93.5	70.5	82.0	23.0	76	40	0.13	0.05	23
March	-	-	76.8	90.0	70.4	66.5	96.0	3,8	66.5	27	91.5	69.7	80.6	21.8	80	46	3.24	0.91	26
April	-	-	74.4	83.2	71.9	70.7	90.0	14	65.7	20	84.8	69.5	77.1	15.3	92	67	8.27	1.01	8
May	-	-	71.5	79.5	69.3	69.8	85.0	20	60.5	29	81.2	67.2	74.2	14.0	93	72	5.23	1.44	11
June	-	-	67.7	80.5	63.5	63.5	85.5	22	55.0	Often	81.5	59.1	70.3	22.4	86	57	0.10	0.10	1
July	-	-	66.7	79.9	62.4	59.8	85.5	28	51.0	24	81.5	59.4	70.5	22.1	86	51	0.79	0.42	16
August	-	-	67.1	80.2	62.7	60.3	85.0	5,24	51.0	3	81.7	60.8	71.3	20.9	86	51	0.78	0.28	16
September	-	-	68.9	80.8	64.5	62.0	89.7	27	58.5	10	83.6	64.2	73.9	19.4	85	53	0.47	0.23	7
October	-	-	71.8	85.2	63.[illegible]	61.7	90.8	26	61.2	22	86.9	64.5	75.7	22.4	80	46	1.11	0.35	10
November	-	-	75.4	88.6	67.9	65.1	92.9	24	63.2	14	90.4	67.3	78.9	23.1	78	46	0.41	0.18	26
December	-	-	77.3	88.9	71.0	67.9	93.6	4	68.5	13	90.0	72.0	81.0	18.0	81	50	2.93	0.87	11
Year	-	-	72.5	84.8	67.2	64.8	98.0	Feb. 22	51.0	July 24 Aug. 3	86.4	66.2	76.3	20.2	84	52	25.10	1.44	May 11

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.														Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430					0830			1430			Rain (4)	Thunder
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good		
			knots	knots																						
January	NE	NE/SE	1	2	4.7	4.5	4.0	3.6	1	3	15	10	2	1	2	22	6	0	0	0	31	0	0	31	7	8
February	NE	NE	2	3	5.4	5.3	4.6	4.3	0	0	15	10	3	0	0	18	10	0	0	0	28	0	0	28	3	6
March	CALM	NE	1	3	5.0	5.7	4.2	5.0	0	1	18	10	2	0	0	19	8	4	0	0	31	0	1	30	15	15
April	CALM	CALM	0	1	6.5	6.9	5.9	6.5	0	0	8	16	6	0	0	2	22	6	0	2	28	0	2	28	26	12
May	"	"	0	1	6.7	6.9	6.3	6.3	0	0	8	9	14	0	0	2	18	11	3	6	22	2	2	27	20	1
June	"	"	0	1	3.0	5.2	2.5	4.4	7	5	14	4	0	0	2	12	16	0	1	7	22	0	0	30	1	0
July	"	SE/NW	1	2	4.5	5.0	3.7	4.0	4	1	15	9	2	0	1	17	12	0	1	2	28	0	0	30	7	0
August	"	SE	0	2	4.8	5.5	4.0	4.6	1	3	15	12	0	0	0	13	18	0	0	0	31	0	0	31	11	0
September	"	SE	1	5	5.6	5.9	4.6	4.4	0	2	9	10	4	0	1	6	14	3	0	0	25	0	0	24	4	0
October	SW	SE/S	2	10	4.9	5.2	3.8	4.0	0	4	14	9	4	0	0	16	14	1	0	0	31	0	0	31	6	0
November	NE/E	E/SE	3	9	5.0	4.7	4.1	3.4	0	2	14	12	2	0	4	15	9	2	0	0	30	0	0	30	5	1
December	NE/E	NE-SE	5	13	5.5	5.6	3.5	3.3	0	1	17	9	4	0	1	17	9	4	0	0	31	0	0	31	14	3
Year	CALM	SE	1	4	5.1	5.5	4.3	4.5	13	22	162	120	43	1	11	159	156	31	5	17	338	2	5	351	119	46

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

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT MOSHI IN 1953.

Latitude 03° 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	920.6	916.1	72.0	89.5	60.5	56.5	97.3	19	59.0	20,21	92.8	64.5	78.7	28.3	67	33	0.66	0.46	26
February	920.3	916.0	72.2	91.4	59.9	55.0	98.1	5	59.8	4	94.9	64.8	79.9	30.1	65	29	0.00	0.00	-
March	920.3	916.4	72.5	87.9	64.0	60.5	96.9	4	62.0	8	91.7	67.1	79.4	24.6	75	40	2.70	1.93	18
April	920.7	918.1	71.3	83.8	65.7	63.7	93.0	5	64.0	18	86.3	67.8	77.1	18.5	83	51	7.00	2.87	20
May	923.3	920.5	68.4	78.4	64.1	65.1	87.5	11	59.6	24	80.6	65.3	72.9	15.3	86	64	6.93	2.85	4
June	924.3	921.3	67.3	78.4	59.3	58.4	86.0	28	55.0	16	80.9	60.6	70.7	20.3	76	51	0.03	0.02	4
July	926.2	923.2	65.0	76.6	57.7	55.2	84.8	1	51.0	23,24	79.2	59.0	69.1	20.2	78	48	0.65	0.40	18
August	925.8	923.0	64.5	76.6	58.6	56.6	83.4	24	52.0	3	79.1	60.3	69.7	18.8	82	50	1.31	0.53	6
September	924.5	921.5	66.5	80.0	60.0	57.7	89.0	29	57.9	29	82.7	62.0	72.3	20.7	80	47	0.79	0.35	25
October	923.9	920.0	68.2	82.9	61.0	58.2	90.5	12	57.0	16	85.6	63.0	74.3	22.6	78	44	1.93	0.91	18
November	922.4	918.2	72.0	87.6	64.1	60.0	93.6	22	58.6	10	89.7	63.8	76.7	25.9	77	40	3.07	2.16	16
December	920.7	916.7	72.8	88.0	63.6	61.2	95.1	28	60.4	27	92.0	64.2	78.1	27.8	73	41	0.78	0.31	1
Year	922.7	919.3	69.4	83.4	61.5	59.0	98.1	Feb. 5	51.0	July 23,24	86.3	63.5	74.9	22.8	77	45	25.85	2.87	May 4

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.															Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430						0830			1430			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-S	3	9	3.1	4.0	2.6	3.5	0	19	4	2	6	0	6	19	5	1	0	1	30	0	0	31	3	4
February	SW-NW	E-S	4	11	2.1	3.0	1.9	2.9	0	20	6	2	0	0	10	16	2	0	0	0	28	0	0	28	0	3
March	W	NE-SE	2	9	5.6	5.4	4.9	5.2	0	3	10	7	11	0	2	16	7	6	0	0	31	0	0	31	7	10
April	E-S	NE-SE	3	5	7.2	6.2	6.6	5.5	0	2	1	3	24	0	0	8	15	7	0	0	30	0	0	30	18	19
May	SE/N	NE-S	1	5	7.0	5.4	6.9	4.6	0	3	0	6	22	0	2	17	5	7	0	2	29	0	0	31	18	2
June	VARIABLE	NE/E	1	2	5.6	4.1	4.0	2.5	2	5	4	4	15	0	10	9	5	6	0	0	30	0	0	30	2	0
July	E/N	E/SE	2	5	6.3	5.5	5.0	3.9	1	4	2	4	20	0	6	6	6	13	0	0	31	0	0	31	5	0
August	VARIABLE	SE	3	5	7.3	6.1	6.5	4.9	0	2	0	5	24	0	4	5	8	14	0	0	31	0	0	31	10	0
September	SE-SW	E-S	1	6	7.0	5.7	5.6	4.2	0	1	2	8	19	0	1	12	6	11	0	1	29	0	0	30	8	0
October	E-SW	E-SE	3	6	6.5	4.6	5.8	3.9	0	2	6	5	18	0	5	15	3	8	0	1	30	0	0	31	9	0
November	E-SE	E/SE	3	12	5.2	4.4	4.7	3.7	0	7	5	8	10	0	3	18	9	0	0	0	30	0	0	30	9	6
December	SW/W	NE-SE	3	7	3.7	5.2	2.3	4.7	0	18	2	5	6	0	2	13	16	0	0	0	31	0	0	31	6	9
Year	E/SW	E/SE	2	7	5.5	4.9	4.7	4.1	3	86	42	59	175	0	51	154	87	73	0	5	360	0	0	365	95	53

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 MPWAPWA IN 1953.

Latitude 06° 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	-	-	69.1	82.5	64.4	60.9	92.5	22	-	-	86.0	-	-	-	85	49	4.53	1.65	4
February	-	-	70.8	86.1	62.8	59.5	91.0	22	-	-	87.9	-	-	-	76	41	1.51	0.61	13
March	-	-	69.8	83.5	63.4	61.1	91.5	2,4	-	-	85.8	-	-	-	80	47	4.30	0.95	12
April	-	-	69.2	80.0	64.0	62.1	87.0	14	-	-	82.3	-	-	-	83	55	1.93	0.66	18
May	-	-	67.6	76.2	61.5	60.6	83.5	22	-	-	78.0	-	-	-	81	59	1.94	0.55	12
June	-	-	67.0	77.9	54.5	54.8	85.1	28	-	-	79.3	-	-	-	64	45	0.00	0.00	-
July	-	-	64.0	74.4	53.6	52.9	81.5	1	-	-	76.0	-	-	-	69	48	0.19	0.12	16
August	-	-	63.4	75.4	55.0	52.6	80.0	18,24	-	-	77.3	-	-	-	74	46	0.03	0.02	6
September	-	-	66.2	77.7	56.9	54.8	85.0	14	-	-	80.0	-	-	-	72	45	0.00	0.00	-
October	-	-	69.3	81.4	57.4	54.5	87.5	22	-	-	83.5	-	-	-	66	40	0.01	0.01	13
November	-	-	73.0	86.2	59.4	56.0	93.0	22	-	-	88.4	-	-	-	63	36	0.09	0.09	29
December	-	-	71.9	81.2	64.6	61.6	93.0	6	-	-	86.2	-	-	-	78	52	3.90	0.71	18
Year	-	-	68.4	80.2	59.8	57.6	93.0	Nov. 22 Dec. 6	-	-	82.6	-	-	-	74	47	18.43	1.65	Jan. 4

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.														Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430					0830			1430			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	S/SW	3	3	5.9	6.0	5.8	5.9	0	6	3	9	13	0	3	4	22	2	0	2	29	0	2	29	11	1
February	VARIABLE	NE-SE	2	3	3.3	5.5	3.1	5.5	0	16	5	6	1	0	2	8	16	2	0	4	24	0	1	27	5	0
March	E-W	E/SE	2	4	5.7	6.1	5.7	6.1	0	4	8	1	8	0	1	5	23	2	0	5	26	0	1	30	10	0
April	NE-SE	NE-SE	2	4	7.2	7.0	7.2	7.0	0	1	1	13	15	0	0	1	22	7	0	1	29	0	0	30	15	0
May	NE-SE	E/SE	3	5	7.2	6.5	7.2	6.4	0	0	3	13	15	0	1	7	12	11	0	6	25	0	2	29	14	0
June	NE/E	SE	3	4	3.2	3.5	3.1	3.5	3	12	7	7	1	3	7	13	7	0	0	1	29	0	0	30	0	0
July	NE/E	E-S	4	5	5.7	4.8	5.7	4.8	0	4	7	13	7	1	5	12	9	4	0	10	21	0	3	28	3	0
August	NE-SE	E-S	4	7	6.6	5.6	6.6	5.6	0	1	4	17	9	0	1	10	19	1	0	8	23	0	1	30	2	0
September	E/SE	SE	3	7	6.2	5.2	6.2	5.2	0	1	8	12	9	0	1	12	15	2	0	8	22	0	2	28	0	0
October	SE	SE	3	6	4.9	5.5	4.9	5.8	0	4	11	15	1	0	0	15	13	3	0	0	31	0	0	31	1	0
November	SE/S	SE	4	7	4.5	5.2	4.4	5.1	0	6	12	11	1	0	2	12	15	1	0	0	30	0	0	30	1	0
December	SE-W	SE/SW	4	6	6.3	7.0	6.3	7.0	0	1	6	17	7	0	0	0	22	9	0	14	17	0	4	27	16	0
Year	NE-SE	SE	3	5	5.6	5.7	5.5	5.7	3	56	75	144	87	4	23	99	195	44	0	59	306	0	16	349	78	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 MTWARA IN 1953.

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

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Dry Bulb		Dew Point														
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. 2	Mean Range	0830	1430	Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	81.8	86.2	77.3	80.3	89.0	9,10	71.0	2,5,13	87.5	75.2	81.3	12.3	86	82	15.84	7.86	13
February	-	-	83.4	88.2	77.9	79.9	90.0	Often	71.0	2	88.7	75.6	82.1	13.1	84	77	0.69	0.31	24
March	-	-	82.4	86.2	76.9	78.6	91.0	Often	70.0	27	88.5	73.6	81.1	14.9	84	78	8.70	3.27	26
April	-	-	81.6	86.3	77.0	79.1	99.0	17,18,30	67.5	23	91.1	72.9	82.0	18.2	86	79	4.15	1.42	21
May	-	-	78.2	85.0	72.1	74.4	90.0	Often	66.5	28,29	88.7	70.3	79.5	18.4	81	71	1.32	0.60	2
June	-	-	76.1	85.3	66.8	66.2	99.0	11	58.5	23	89.9	66.4	78.1	23.5	73	53	0.00	0.00	-
July	-	-	74.8	85.5	64.6	64.3	92.0	29	63.0	1,7,22	87.9	66.4	77.1	21.5	71	50	0.95	0.95	18
August	-	-	76.6	84.7	68.3	69.2	92.0	2	62.5	4,10	87.5	65.9	76.7	21.6	76	60	0.09	0.03	13,25,29
September	-	-	78.5	83.5	71.5	72.6	95.0	22	62.0	29	86.8	67.4	77.1	19.4	79	70	0.34	0.34	4
October	-	-	82.6	84.4	75.4	-	97.0	15	60.0	26	86.8	68.5	77.7	18.3	79	-	0.03	0.02	4
November	-	-	84.6	86.7	74.3	74.9	97.0	12	69.0	1,2,17	90.0	71.8	80.9	18.2	71	68	0.00	0.00	-
December	-	-	83.2	86.2	-	-	93.0	2	70.5	28	88.8	76.1	82.5	12.7	-	-	11.91	7.00	31
Year	-	-	80.3	85.7	-	-	99.0	(*)	58.5	June 23	88.5	70.8	79.7	17.7	-	-	44.02	7.86	Jan. 13

(*) Max. on several dates: 17th, 18th and 30th April and June 11th, 1953.

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.														Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430					0830			1430			Rain (4)	Thunder
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good		
			Knots	Knots																						
January	NE/N	NE	4	10	5.3	4.7	4.6	3.4	0	3	11	10	7	0	7	12	7	5	1	6	24	1	9	21	9	1
February	NE	NE	6	10	5.1	4.4	4.2	3.8	0	6	7	7	8	0	6	13	6	3	0	0	28	0	4	24	3	0
March	S-NW	NE	4	7	4.8	6.2	4.8	6.0	2	6	10	3	10	0	3	6	12	10	0	0	31	0	0	31	12	1
April	S/SW	NE/S	7	8	3.4	5.7	3.1	5.4	4	11	7	3	5	0	2	12	12	4	0	2	28	0	2	28	10	0
May	SW	S	10	9	5.1	5.1	5.1	4.8	0	11	3	4	13	0	3	17	8	3	0	7	24	0	24	7	3	0
June	SW	S	13	12	1.1	3.2	1.1	3.2	19	6	3	2	0	2	7	17	3	0	0	14	16	5	23	1	0	0
July	SW	S	12	11	2.5	4.0	2.2	4.0	13	6	5	2	5	1	9	13	2	5	0	5	26	7	6	17	1	0
August	SE-SW	SE	9	12	3.4	4.2	3.3	4.2	6	9	6	8	2	1	3	20	2	3	0	0	31	0	4	25	3	0
September	SE/S	NE/SE	5	10	4.3	3.6	3.8	3.9	3	5	8	14	0	1	8	14	4	3	0	0	30	0	3	27	1	0
October	NE-SE	NE	9	15	5.0	4.2	4.7	3.8	0	4	14	12	1	0	4	18	9	0	0	7	24	0	16	15	2	0
November	NE	NE/E	9	12	4.8	3.6	3.9	3.4	0	2	14	11	1	0	10	11	5	0	0	0	28	0	4	22	0	0
December	NE/N	NE/N	6	12	5.7	5.0	4.9	4.5	0	3	10	10	6	0	4	10	6	7	0	0	29	0	0	27	10	1
Year	NE/SW	NE	8	11	4.2	4.5	3.8	4.2	47	72	98	86	58	5	66	163	76	43	1	41	319	13	95	245	54	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 yr s to 6 miles; Good = Visibility 6½ miles or over.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT MUSOMA IN 1953.

Latitude 01° 30'S Longitude 33° 48'E Altitude 3764 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. in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	887.4	884.4	71.5	80.0	62.0	64.2	89.0	29	62.0	20	82.5	66.3	74.4	16.2	72	59	1.51	0.72	6
February	885.5	883.0	74.9	82.0	61.1	66.7	92.0	15,21, 22	66.0	26	86.6	69.8	78.2	16.8	62	60	0.09	0.05	24
March	886.4	883.4	73.8	81.8	63.3	66.0	95.0	15	62.0	19	85.3	67.7	76.5	17.6	70	59	1.81	0.85	23
April	886.0	885.0	71.9	78.5	66.2	67.6	89.0	1	63.0	Often	81.2	66.2	73.7	15.0	83	69	6.04	1.25	6
May	887.7	885.2	71.5	81.2	63.0	64.9	88.0	Often	63.0	2,31	83.7	65.1	74.4	18.6	75	58	2.85	1.50	1
June	888.4	886.3	71.3	79.2	63.9	65.8	87.0	1	60.0	29	80.9	65.2	73.1	15.7	78	64	0.49	0.06	6
July	889.1	886.7	69.0	80.0	57.5	63.0	86.0	16,17, 26	58.0	21	82.4	62.2	72.3	20.2	67	56	1.13	0.59	3
August	888.6	887.1	71.1	79.2	59.1	63.4	87.0	20	62.0	22	82.2	65.5	73.9	16.7	66	59	0.22	0.16	15
September	887.5	885.0	71.8	79.8	60.6	65.3	89.0	25	62.0	2	83.5	65.7	74.6	17.8	68	62	0.38	0.16	29
October	886.9	884.2	73.0	79.9	61.8	66.6	91.0	8	63.0	14	83.1	66.7	74.9	16.4	68	65	2.61	0.71	20
November	887.4	884.1	72.9	79.5	64.1	67.1	88.0	2,12	64.0	Often	82.1	66.6	74.3	15.5	74	66	4.18	1.05	15
December	886.9	884.5	72.4	79.0	64.1	64.7	85.0	9	63.0	29	81.1	66.0	73.5	15.1	75	61	3.14	0.79	18
	887.3	884.9	72.1	80.0	62.2	65.4	95.0	Mar. 15	58.0	July 21	82.9	66.1	74.5	16.8	71	61	24.15	1.50	May 1

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.														Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430					0830			1430			Rain (4)	Thunder
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good		
			knots	knots																						
January	SE	N	2	3	6.1	6.0	3.7	3.7	0	0	11	18	2	0	0	4	27	0	0	1	30	0	0	31	8	0
February	SE	NW	3	5	5.8	5.9	3.4	3.4	0	0	12	16	0	0	0	3	25	0	0	0	28	0	0	28	2	0
March	SE	NW	3	8	5.7	6.1	3.2	3.4	0	0	13	18	0	0	0	1	30	0	0	0	31	0	0	31	9	1
April	SE	NW	2	2	6.4	6.4	3.8	3.7	0	0	4	22	4	0	0	0	29	1	0	0	30	0	0	30	20	2
May	SE	NW	3	2	5.9	6.1	3.3	3.6	0	0	11	18	2	0	0	2	28	1	0	0	31	0	1	30	11	1
June	SE	NW	2	2	6.3	6.2	3.4	3.5	0	0	7	20	3	0	0	1	28	1	0	0	30	0	0	30	5	3
July	SE	NW	4	3	5.5	5.8	3.2	3.3	0	0	19	12	0	0	0	9	22	0	0	0	31	0	0	31	4	0
August	SE	NW	4	3	6.1	6.1	3.3	3.3	0	0	6	25	0	0	0	3	28	0	0	0	31	0	0	31	3	0
September	SE	NW	4	4	5.6	6.1	3.4	3.4	0	0	16	14	0	0	0	2	28	0	0	0	30	0	0	30	6	0
October	SE	NW	4	3	6.1	6.0	3.6	3.5	0	0	7	23	1	0	0	4	27	0	0	0	31	0	0	31	11	0
November	SE	NW	3	4	5.9	6.3	3.6	3.7	0	0	11	18	1	0	0	0	29	0	0	0	30	0	1	29	17	2
December	SE	NW	3	3	5.8	6.1	3.8	3.6	0	0	9	19	3	0	0	3	26	2	0	2	29	0	1	30	15	0
Year	SE	NW	3	3	5.9	6.1	3.5	3.5	0	0	126	223	16	0	0	32	327	6	0	3	362	0	3	362	111	9

Notes (1) Pressure is given at Station [illegible].
(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 MWANZA AIRFIELD IN 1953.

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	-	-	71.2	80.1	62.4	64.8	87.0	19,21,23	59.0	22	83.2	65.2	74.2	18.0	74	60	3.57	1.80	28
February	-	-	73.5	85.1	61.4	62.1	90.5	14, 19, 23	64.0	6	86.9	67.5	77.2	19.4	66	46	0.66	0.28	19
March	-	-	72.8	82.7	63.9	65.0	91.0	21	63.0	24	84.7	66.6	75.7	18.1	74	56	4.90	1.67	23
April	-	-	71.6	80.8	64.3	65.4	89.0	11	62.0	4,15, 27	83.5	65.8	74.7	17.7	78	60	2.00	0.90	9
May	-	-	72.0	82.4	62.6	63.9	88.0	24	57.0	4	84.1	65.2	74.7	18.9	73	54	4.25	1.76	4
June	-	-	70.8	80.5	61.5	61.4	87.0	12,13	-	-	82.8	-	-	-	73	53	0.95	0.46	24
July	-	-	68.7	82.8	57.1	59.2	88.0	16	-	-	84.4	-	-	-	67	45	0.00	0.00	-
August	-	-	70.3	82.9	54.0	57.9	89.0	20, 23	54.0	4	84.8	62.0	73.4	22.8	56	43	0.66	0.58	29
September	-	-	72.4	82.5	57.5	59.5	90.0	24,28, 29	61.0	4,18, 25	85.0	64.2	74.6	20.8	60	46	0.42	0.22	18
October	-	-	74.6	82.5	59.6	61.3	91.0	8	60.0	21	85.1	65.3	75.2	19.8	60	49	2.53	1.40	29
November	-	-	73.9	80.2	64.3	64.7	89.0	12	64.0	Often	82.3	66.3	74.3	16.0	72	59	3.38	0.86	28
December	-	-	71.7	77.6	64.9	65.1	86.2	28	59.0	19	81.1	65.2	73.1	15.9	80	65	4.20	1.27	7
Year	-	-	72.0	81.7	61.1	62.5	91.0	Mar. 21 Oct. 8	-	-	84.0	-	-	-	69	53	27.52	1.80	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			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	6	9	4.9	3.8	1.6	1.9	1	7	7	9	7	0	10	14	4	3	0	1	30	0	2	29	6	9
February	SE	NW	7	13	4.1	2.7	1.2	1.2	0	7	11	9	1	0	14	12	2	0	0	0	28	0	0	28	5	6
March	SE/S	NW	6	9	4.5	3.5	1.9	1.3	0	7	12	7	5	0	11	16	3	1	0	1	30	0	0	31	12	8
April	SE	NW	6	9	3.8	5.2	1.2	2.4	0	6	8	12	4	0	1	20	6	3	0	0	30	0	0	30	11	13
May	SE	SE/NW	7	9	4.0	3.7	1.9	2.3	0	11	10	7	3	0	8	16	7	0	0	1	30	0	0	31	13	4
June	SE	NW	6	9	3.9	4.4	1.9	2.0	2	11	5	10	2	2	6	10	9	2	0	3	27	0	1	28	5	8
July	SE	NW	9	13	1.6	2.5	0.7	1.0	11	14	3	2	1	7	11	9	4	0	0	0	31	0	0	31	0	2
August	SE	NW	8	11	4.5	4.5	2.2	1.6	1	9	7	10	4	3	3	13	10	2	0	1	30	0	2	29	2	2
September	SE	NW	11	12	4.1	4.0	1.3	1.9	0	11	7	8	4	0	10	11	6	3	0	0	30	0	0	30	2	5
October	SE	NW	10	13	4.5	4.4	1.3	1.6	0	6	14	9	2	0	5	15	10	1	0	0	31	0	0	31	5	8
November	SE	NW	7	10	5.2	4.7	1.4	1.6	0	6	9	11	4	0	2	15	13	0	0	0	30	0	0	30	11	13
December	SE	NW	8	10	4.6	4.8	1.5	2.0	0	7	9	14	1	0	10	13	5	3	0	2	29	0	3	28	16	16
Year	SE	NW	8	11	4.1	4.0	1.5	1.7	15	102	102	108	38	12	91	164	79	18	0	9	356	0	8	356	88	94

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 MACHINGWEA IN 1953.

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		
			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	-	-	76.6	87.1	69.6	66.8	95.2	23	68.0	30	90.5	71.6	81.1	18.9	79	51	1.90	0.39	8
February	-	-	76.7	87.7	69.8	66.8	95.0	20	67.0	10	90.4	70.7	80.5	19.7	78	50	2.93	2.05	4
March	-	-	75.6	84.0	71.8	71.0	95.0	4	67.0	13	87.8	70.4	79.1	17.4	88	66	8.53	2.30	6
April	-	-	74.1	84.5	70.7	69.8	90.6	10	66.0	27	86.5	69.2	77.9	17.3	89	62	2.54	2.41	13
May	-	-	71.7	83.7	66.0	63.0	89.2	21	62.0	25	85.7	66.3	76.0	19.4	82	50	0.22	0.10	1
June	-	-	67.3	82.3	59.8	55.0	88.3	28	57.5	15	84.0	61.2	72.6	22.8	77	39	0.00	0.00	-
July	-	-	66.7	81.7	57.8	52.9	87.8	2	54.5	23	83.5	60.7	72.1	22.8	73	37	0.00	0.00	-
August	-	-	69.4	82.7	60.1	53.5	88.8	24	55.0	2	85.6	62.6	74.1	23.0	73	36	0.08	0.08	28
September	-	-	71.4	84.2	61.1	54.5	91.2	27	60.0	10	86.6	63.9	75.3	22.7	70	36	0.11	0.11	5
October	-	-	75.3	89.0	62.9	56.5	94.8	27	63.8	26	91.2	66.9	79.1	24.3	66	34	0.00	0.00	-
November	-	-	77.5	92.0	65.7	60.5	98.1	18	65.8	14	94.5	69.2	81.9	25.3	67	35	0.20	0.20	13
December	-	-	77.9	87.9	70.3	68.0	98.2	4	68.2	19	90.7	72.4	81.5	18.3	78	53	5.28	1.58	29
Year	-	-	73.3	85.6	65.5	61.5	98.2	Dec. 4	54.5	July 23	88.1	67.1	77.6	21.0	77	46	21.84	2.41	Apr. 13

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.															Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430						0830			1430			Rain	
	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	(4)	Thunder
			knots	knots																							
January	N	NE/N	9	8	6.1	5.8	4.7	3.9	0	1	7	19	4	0	2	8	19	2		0	0	31	0	3	28	10	12
February	NE	NE/N	7	6	4.9	5.7	3.6	3.7	0	4	13	8	3	0	0	11	17	0		0	1	27	0	0	28	11	8
March	E/S	SW/N	3	4	5.9	6.3	5.1	5.6	0	1	10	15	5	0	0	11	14	6		0	7	24	1	3	27	16	24
April	S	S/SW	4	5	5.3	5.7	4.5	5.4	0	5	7	13	5	0	0	11	17	2		0	5	25	0	0	30	12	13
May	E/S	SE/S	4	6	3.4	5.5	2.2	4.9	9	5	6	10	1	1	1	11	17	1		0	0	31	0	0	31	4	0
June	S/SW	S/SW	5	6	1.6	4.2	1.4	3.8	18	6	1	3	2	3	6	10	11	0		0	2	28	0	0	30	0	0
July	S/SW	E-SW	6	5	1.3	4.8	0.6	4.5	18	7	3	3	0	1	5	9	15	1		0	3	28	0	0	31	0	0
August	NE/E	NE-S	3	5	3.5	6.1	2.3	5.9	8	7	3	10	3	2	0	4	20	5		0	1	30	0	1	30	1	0
September	NE-SE	SE	4	5	4.2	5.9	3.6	5.4	3	6	11	4	6	0	1	9	18	2		0	0	30	0	0	30	1	0
October	NE/E	NE-SE	5	6	5.0	6.0	4.3	5.6	1	4	12	13	1	0	0	9	21	1		0	0	31	0	0	31	0	0
November	NE/E	NE/E	6	6	5.0	5.8	4.8	5.3	1	6	6	14	3	0	0	11	18	1		0	1	29	0	0	30	1	0
December	NE/N	NE/N	4	5	6.6	6.8	5.5	6.0	0	1	5	13	12	0	0	5	16	10		0	5	26	0	0	31	19	1
Year	NE/E	NE/N	5	6	4.4	5.7	3.5	5.0	58	53	84	125	45	7	15	109	203	31		0	25	340	1	7	357	75	58

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 NJOMBE IN 1953.

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							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	-	-	61.8	71.7	57.7	55.4	80.5	21,23	53.0	5,17	75.7	56.2	65.9	19.5	86	57	8.18	1.87	3
February	-	-	60.6	71.8	58.5	58.2	79.0	14	54.5	12	74.1	56.9	65.5	17.2	93	63	4.99	1.64	7
March	-	-	60.6	69.9	58.6	60.2	76.5	23,24	50.5	25,26	72.7	55.7	64.2	17.0	94	72	10.31	1.74	10
April	-	-	59.9	69.0	57.9	58.7	77.0	14	52.0	29	70.5	56.0	63.3	14.5	94	70	4.23	0.75	1
May	-	-	57.1	65.9	54.5	54.5	73.5	22	47.0	31	68.0	52.2	60.1	15.8	91	68	1.03	0.44	12
June	-	-	52.9	69.4	49.5	50.6	77.5	28	42.0	13,15,16	70.2	45.8	58.0	24.4	89	52	0.00	0.00	-
July	-	-	52.2	66.4	46.7	47.5	74.5	1	37.5	22	67.0	45.3	56.1	21.7	82	51	0.00	0.00	-
August	-	-	52.6	67.2	49.0	48.7	73.0	3	41.5	1	68.5	46.9	57.7	21.6	87	51	0.03	0.03	30
September	-	-	54.3	68.3	50.7	47.4	77.0	22,29	45.5	2,9	69.6	49.6	59.6	20.0	88	48	0.22	0.11	5
October	-	-	56.0	72.5	53.7	48.9	79.0	11,31	48.0	3,9,10	73.5	50.8	62.1	22.7	92	44	0.04	0.04	7
November	-	-	61.1	78.6	54.0	50.5	85.5	22	49.5	11	79.8	54.2	67.0	25.6	78	38	0.07	0.07	30
December	-	-	61.2	70.4	58.2	57.2	82.0	3	55.0	24	74.9	56.6	65.7	18.3	90	64	9.19	1.79	24
Year	-	-	57.5	70.1	54.1	53.1	85.5	Nov. 22	37.5	July 22	72.0	52.2	62.1	19.8	88	56	38.29	1.87	Jan. 3

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/W	3	7	6.4	5.9	3.5	2.3	1	1	6	8	15	0	1	9	17	4	2	0	29	1	0	30	20	0
February	E	E	4	7	7.2	5.3	6.1	4.4	0	0	1	14	13	0	1	13	14	0	0	7	21	0	2	26	12	3
March	E	E	2	3	6.7	6.5	6.4	6.4	0	1	5	14	11	0	0	3	23	5	0	11	20	0	4	27	21	1
April	E	E	5	4	7.5	6.4	7.4	6.4	0	1	0	9	20	0	0	2	23	5	2	15	13	0	2	28	18	1
May	E	E	4	4	7.3	6.1	7.3	6.1	0	1	0	12	18	0	1	4	23	3	2	17	12	0	3	28	7	0
June	SE	SE	2	3	3.1	4.4	2.3	4.4	9	6	6	5	3	0	1	22	5	0	0	3	26	0	0	28	0	0
July	E/SE	E/SE	6	7	4.5	3.9	4.1	3.8	6	5	4	6	10	8	0	12	10	1	0	0	31	0	0	31	0	0
August	SE	SE	3	4	6.3	4.1	6.3	4.1	3	1	5	0	22	4	1	18	4	4	11	2	18	0	0	31	1	0
September	SE/S	SE/S	5	5	7.0	5.9	7.0	5.8	2	1	0	4	23	0	1	4	23	[illegible]	6	7	17	0	0	30	5	0
October	S	S	2	4	7.4	5.1	7.2	5.0	0	1	3	0	27	0	3	8	20	0	0	15	16	0	1	30	2	0
November	SE/S	SE/S	3	4	5.7	4.0	5.3	3.8	1	6	5	1	17	0	1	24	5	0	0	4	26	0	0	30	1	0
December	SE	SE	2	4	7.3	6.8	6.9	6.5	0	1	2	5	23	0	0	5	11	15	0	17	14	0	11	20	20	4
Year	E/SE	E/SE	3	4	6.4	5.4	5.8	4.9	22	25	37	78	202	12	10	124	178	39	23	98	243	1	23	339	107	9

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 1953.

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	889.5	887.1	68.5	78.1	64.0	64.3	86.0	23	61.0	17	81.0	64.4	72.7	16.6	86	63	11.19	2.70	3
February	889.6	887.5	68.1	78.8	64.3	[illegible]	[illegible].4	26	62.4	27	80.7	64.6	72.7	16.1	88	61	4.46	1.30	8
March	890.0	887.8	67.8	76.2	65.0	65.3	84.5	25	61.0	8	79.5	64.4	71.9	15.1	91	69	9.20	1.15	10
April	891.1	888.5	67.6	75.9	63.6	63.3	83.6	12	59.4	23	78.0	63.7	70.9	14.3	87	65	4.25	2.25	4
May	892.8	891.2	64.9	72.8	58.6	59.2	80.2	21,22	54.0	25,29	75.2	59.7	67.5	15.5	80	63	0.16	0.16	12
June	893.5	892.0	60.3	71.9	52.9	52.1	81.2	28	48.8	13	73.5	53.6	63.5	19.9	77	50	0.00	0.00	-
July	894.9	893.9	59.7	70.3	50.6	50.3	78.0	29	49.4	23,25	72.3	54.9	63.6	17.4	72	49	0.00	0.00	-
August	894.7	893.0	60.9	72.6	52.9	58.6	79.2	19	49.0	2	74.8	56.2	65.5	18.6	75	46	0.00	0.00	-
September	893.2	891.0	62.8	74.0	54.8	52.7	82.2	27	55.1	10	76.5	58.2	67.3	18.3	75	48	0.09	0.09	3
October	892.3	889.4	67.5	80.5	56.8	52.7	86.0	31	58.2	2	82.4	61.9	72.1	20.5	69	38	0.00	0.00	-
November	890.9	887.9	71.7	85.6	59.8	55.2	91.4	23	62.4	19	87.5	65.6	76.5	21.9	66	36	0.00	0.00	-
December	889.4	886.7	69.7	77.0	64.3	63.5	89.3	3	62.0	30	80.3	65.7	73.0	14.6	83	64	12.52	1.90	29
Year	891.8	889.7	65.8	76.1	59.0	57.8	91.4	Nov. 23	48.8	June 13	78.5	61.1	69.8	17.4	79	54	41.87	2.70	Jan. 3

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	NNE-E	NNE-SE	4	5	7.1	6.8	4.6	5.7	0	1	2	8	20	0	0	3	17	11	0	0	31	0	0	31	23	18
February	NE-SE	NE-SE	5	7	7.0	6.6	5.9	6.4	0	0	4	7	17	0	0	2	22	4	0	0	28	0	0	28	11	5
March	NE-SE	NE-SE	4	7	7.0	6.8	5.6	6.3	0	1	3	7	20	0	0	2	19	10	0	1	30	0	0	31	23	11
April	SE	E-SE	5	7	6.2	6.6	5.2	5.8	0	0	8	14	8	0	0	3	17	10	0	0	30	0	0	30	9	5
May	SE	NE-S	7	6	4.3	6.5	4.1	6.4	2	9	6	3	11	0	0	6	8	17	0	0	31	0	0	31	1	0
June	SE	SE	6	7	3.0	5.3	2.1	5.1	3	12	11	2	2	1	4	5	17	3	0	0	30	0	0	30	0	0
July	SE	SE	9	7	4.0	5.3	4.0	5.2	5	8	3	9	6	1	2	10	15	3	0	0	31	0	0	31	0	0
August	NE-SE	NE-S	7	8	4.5	5.8	4.2	5.6	3	7	5	11	5	2	0	5	19	5	0	0	31	0	0	31	0	0
September	E/SE	NE-SE	9	9	5.3	6.4	4.6	5.9	1	6	6	5	12	0	1	4	16	9	0	0	30	0	0	30	1	0
October	NE	NE-SE	10	11	4.4	5.1	3.4	4.6	2	8	7	6	8	0	2	12	14	3	0	0	31	0	0	31	0	0
November	NNE-E	NE-SE	10	11	4.5	5.1	2.9	4.7	0	9	5	13	3	0	2	14	14	0	0	0	30	0	0	30	0	1
December	NNE-SE	NE-SE	5	7	7.3	6.9	5.5	5.2	0	0	0	9	22	0	0	2	13	16	0	0	31	0	0	31	22	18
Year	SE	NE-SE	7	8	5.4	6.1	5.2	5.6	16	61	60	94	134	4	11	68	191	91	0	1	364	0	0	365	90	58

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 SUMBAWANGA IN 1953.

Latitude 07° 57'S Longitude 31° 36'E Altitude 5650 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	-	-	61.3	72.0	58.4	58.1	82.0	24	51.0	9,22	75.1	54.4	64.7	20.7	91	62	7.02	1.67	27
February	-	-	62.7	76.2	58.4	58.0	80.0	16,22,27	50.0	2	76.9	54.8	65.9	22.1	86	54	2.55	0.87	6
March	-	-	61.8	73.3	58.7	59.4	79.8	21	52.0	Often	75.0	55.2	65.1	19.8	90	62	5.19	1.21	4
April	-	-	61.1	72.8	57.9	58.0	78.0	2,11	49.0	11	75.1	54.6	64.9	20.5	89	60	3.59	2.04	13
May	-	-	59.3	74.1	54.2	54.6	78.8	28	46.0	21,30	75.5	51.3	63.4	24.2	83	51	0.08	0.08	26
June	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
July	-	-	53.7	74.0	46.7	47.2	80.0	4,29	36.0	22	75.6	43.2	59.4	32.4	78	39	0.00	0.00	-
August	-	-	57.6	76.5	47.5	47.6	81.0	8	40.0	3,4	78.2	46.9	[illegible]	31.3	69	37	0.00	0.00	-
September	-	-	62.6	74.2	52.0	54.3	83.0	28	42.0	7	77.4	51.7	64.5	25.7	68	50	1.44	1.36	17
October	-	-	66.7	79.9	53.0	54.3	85.0	18,20	50.0	23	82.0	54.7	68.3	27.3	61	42	0.03	0.03	29
November	-	-	68.6	79.8	54.3	53.1	86.0	7,8	52.0	2,9	79.9	55.3	67.6	24.6	61	40	1.14	0.67	21
December	-	-	62.5	70.1	58.9	57.7	84.0	5	52.0	2	73.4	56.8	65.1	16.6	88	65	8.38	1.14	15
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			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	E/W	3	8	4.9	5.3	-	-	0	4	10	17	0	0	0	16	15	0	1	2	28	0	0	31	14	17
February	SE	E	3	11	3.3	4.5	-	-	3	9	8	8	0	0	3	18	7	0	1	0	27	0	0	28	10	11
March	E/SE	E	4	9	4.1	4.5	-	-	1	7	13	10	0	0	4	19	8	0	1	0	30	0	2	29	13	11
April	SE	E	6	11	3.4	4.6	-	-	0	12	12	4	2	0	0	25	4	1	1	3	26	0	1	29	12	11
May	E/SE	E	8	11	2.0	3.9	-	-	7	15	6	3	0	1	2	26	2	0	0	0	31	0	0	31	1	3
June	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
July	E/SE	E	8	10	0.9	1.6	-	-	23	1	2	1	0	10	9	8	0	0	0	0	27	0	0	27	0	0
August	E/SE	E	7	9	0.7	2.9	-	-	24	3	2	2	0	7	6	15	3	0	0	7	24	0	8	23	0	0
September	E	E	8	8	2.6	5.1	-	-	12	5	4	9	0	0	2	12	16	0	0	6	24	0	3	27	3	4
October	E	E	9	10	1.4	3.3	-	-	13	11	7	0	0	0	8	20	3	0	9	10	12	0	7	24	1	4
November	E	E	7	8	1.9	3.3	-	-	6	14	9	1	0	0	6	22	2	0	4	3	23	0	0	30	6	4
December	CALM	E	1	3	5.4	5.3	-	-	0	2	12	13	3	0	0	14	15	0	0	6	24	0	0	29	21	17
Year	E/SE	E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT TABORA OBSERVATORY IN 1953.

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

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Dry Bulb		Dew Point														
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. 2	Mean Range	0830	1430	Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F		°F	%	%	ins.	ins.	
January	875.9	873.3	67.6	80.2	62.9	62.1	88.0	24	57.0	16	81.8	62.6	72.2	19.2	85	55	4.51	1.29	2
February	874.4	871.8	70.5	86.3	60.5	57.5	92.2	14,15	61.0	5,20	88.1	64.5	76.3	23.6	71	38	1.62	0.98	4
March	874.8	873.0	68.4	81.7	63.3	62.9	88.9	4	60.0	6,25	83.9	63.1	73.5	20.8	84	53	6.86	1.40	5
April	875.6	873.3	67.3	79.4	62.9	64.0	85.4	2	59.9	15	81.7	62.6	72.1	19.1	86	60	5.66	1.96	3
May	876.4	873.8	67.6	83.0	58.8	58.5	88.0	17,21	58.0	29	84.6	61.7	73.1	22.9	74	44	0.18	0.08	7
June	877.1	874.7	65.6	83.3	53.7	54.1	88.5	30	51.0	11	84.7	59.8	72.3	24.9	65	37	0.00	0.00	-
July	878.4	875.9	64.1	81.4	50.8	50.8	88.0	28	51.9	21	83.2	58.4	70.8	24.8	61	35	0.00	0.00	-
August	877.8	875.5	65.6	82.9	53.3	52.0	88.0	24,25	58.0	1,10	85.0	61.1	73.1	23.9	65	35	0.00	0.00	-
September	877.0	873.9	68.2	84.2	55.4	53.7	90.6	11	61.3	2	86.1	63.4	74.7	22.7	64	35	0.67	0.25	16
October	876.2	872.5	72.3	87.4	57.0	53.3	92.2	27	62.7	2	89.5	65.5	77.5	24.0	59	32	0.23	0.20	29
November	876.0	872.6	73.9	86.9	60.0	56.0	93.8	8	63.2	20	89.9	66.9	78.4	23.0	62	35	1.45	0.72	30
December	875.4	872.4	67.8	79.9	64.0	62.9	89.4	3,4	61.0	1	82.3	63.8	73.1	18.5	88	57	8.11	1.05	16
Year	876.3	873.6	68.2	83.1	58.5	57.3	93.8	Nov. 8	51.0	June 11	85.1	62.8	73.9	22.3	72	43	29.29	1.96	Apr. 3

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-W	NNE-S	5	7	6.1	6.1	2.6	4.3	1	2	6	11	11	0	1	6	20	4	0	1	30	0	0	31	16	8
February	E-S	NNE-SSE	8	7	4.0	5.3	1.0	4.1	2	2	15	7	2	0	0	13	14	1	0	0	28	0	0	28	7	1
March	E-SSW	E	6	5	5.4	6.2	1.9	5.0	1	6	4	12	8	0	0	6	23	2	0	0	31	0	0	31	19	4
April	E-S	CALM	4	2	5.2	6.4	2.4	5.5	0	10	2	9	9	0	0	3	24	3	1	1	28	0	0	30	12	2
May	E/ESE	E-SE	8	4	4.4	5.3	1.1	4.7	3	5	8	13	2	0	2	13	11	5	0	0	31	0	0	31	4	0
June	E-SE	SE-SW	11	5	2.5	2.7	0.1	1.9	5	15	6	4	0	7	5	14	4	0	0	0	30	0	0	30	0	0
July	E/ESE	E-SSW	17	10	1.0	2.5	0.1	1.8	16	12	1	2	0	7	12	8	2	2	0	0	31	0	1	30	0	0
August	ESE	NNE-SW	17	8	1.8	3.0	0.1	2.6	16	5	4	4	2	7	8	9	5	2	0	0	31	0	0	31	0	0
September	E/ESE	E	13	6	4.4	5.4	0.6	4.2	4	4	9	9	4	0	0	12	15	3	0	0	30	0	0	30	4	1
October	E	E-S	13	7	4.8	5.5	0.9	4.4	1	4	11	14	1	0	1	11	16	3	0	0	31	0	0	31	2	1
November	E	NE-E	6	5	5.5	5.8	1.0	5.1	1	2	9	18	0	0	0	11	17	2	0	0	30	0	0	30	10	6
December	CALM	CALM	2	1	6.9	6.4	4.3	4.5	0	1	2	16	12	0	0	4	25	2	0	0	31	0	0	31	22	3
Year	E/ESE	E	9	6	4.3	5.1	1.3	4.0	50	68	77	119	51	21	29	110	176	29	1	2	362	0	1	364	96	26

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

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT TABORA AIRFIELD IN 1953.

Latitude 05° 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 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	875.9	873.3	66.9	81.0	63.6	62.2	88.6	23	57.2	22	83.8	62.9	73.3	20.9	89	53	6.67	1.41	15
February	874.4	871.8	70.1	86.8	61.5	59.4	94.0	15	60.0	27	89.6	64.1	76.9	25.5	74	40	0.85	0.36	28
March	874.8	873.0	68.3	82.2	64.0	63.8	89.5	4	60.0	25	85.6	63.6	74.6	22.0	86	54	8.05	1.76	11
April	875.6	873.3	68.0	80.4	63.5	64.5	95.0	1	58.9	27	84.0	62.7	73.3	21.3	85	59	[illegible]	2.88	3
May	876.4	873.8	68.3	83.5	59.4	59.3	90.7	22	56.0	22	86.1	60.9	73.5	25.2	73	44	0.04	0.02	6,13
June	877.1	874.7	64.7	83.0	55.0	55.2	90.0	28	52.8	4	86.1	57.8	71.9	28.3	71	39	0.00	0.00	-
July	878.4	875.9	63.5	81.5	52.4	53.9	90.0	28	48.0	20	84.3	57.1	70.7	27.2	67	39	0.00	0.00	-
August	877.8	875.5	66.2	83.3	54.5	55.0	89.0	24,27	56.5	10	86.2	61.6	73.9	24.6	66	38	0.00	0.00	-
September	877.0	873.9	68.7	84.8	57.7	56.0	92.0	11	62.3	9	87.1	64.3	75.7	22.8	68	40	0.81	0.32	15
October	876.2	872.5	72.2	87.4	57.9	56.0	92.7	28	61.2	16	90.0	66.1	78.1	23.9	61	35	0.28	0.17	29
November	876.0	872.6	73.6	86.8	60.3	57.4	93.4	9	62.2	10	90.3	65.9	78.1	24.4	64	37	1.24	0.35	27
December	875.4	872.4	68.4	79.3	64.7	63.6	90.2	3	61.8	31	83.0	64.8	73.9	18.2	88	59	7.49	1.18	30
Year	876.3	873.6	68.2	83.3	59.5	59.0	95.0	Apr. 1	48.0	July 20	86.3	62.6	74.5	23.7	74	45	32.48	2.88	Apr. 3

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	CALM	E/N	2	5	6.0	6.4	2.4	4.5	1	3	3	13	11	0	1	3	24	3	0	1	30	0	0	31	16	16
February	E-S	NNE-ESE	5	6	4.3	5.8	1.3	4.7	1	10	3	14	0	0	1	8	18	1	0	0	28	0	0	28	5	10
March	ESE	E-SSW	5	5	5.6	6.1	1.4	5.0	0	4	6	14	7	0	0	8	18	5	0	0	31	0	0	31	15	15
April	E/ESE	E	7	5	5.0	6.7	1.8	5.7	0	9	6	7	8	0	0	5	21	4	0	2	28	0	0	30	11	7
May	E	E	12	10	4.3	5.9	1.0	5.1	3	6	6	15	1	0	2	8	16	5	0	0	31	0	0	31	2	0
June	E	E-S	7	8	2.0	2.8	0.0	1.9	9	12	4	5	0	5	10	10	5	0	0	0	30	0	0	30	0	1
July	E/ESE	E-S	10	9	1.0	2.3	0.0	1.8	16	13	1	1	0	8	12	4	5	2	0	0	31	0	0	31	0	0
August	E	E-S	13	11	2.0	3.0	0.4	2.6	10	11	5	5	0	7	7	9	8	0	0	0	31	0	0	31	0	0
September	E	E/SE	13	7	3.5	5.6	1.0	4.3	3	9	9	6	3	0	1	11	17	1	0	0	30	0	0	30	5	3
October	E	E	14	6	3.4	5.5	0.4	4.4	1	15	7	5	3	0	2	11	18	0	0	0	31	0	0	31	3	1
November	E	E	7	5	4.9	6.3	1.3	5.6	0	7	8	13	2	0	0	4	25	1	0	0	30	0	0	30	7	7
December	CALM	CALM	1	1	6.6	6.5	3.7	4.9	0	3	1	13	14	0	0	4	26	1	0	1	30	0	0	31	21	6
Year	E	E	8	7	4.1	5.2	1.2	4.2	44	102	59	111	49	20	36	85	201	23	0	4	361	0	0	365	85	66

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 1953.

Latitude 05° 05'S Longitude 39° 04'E Altitude 175 feet. Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Dry Bulb		Dew Point														
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. 2	Mean Range	0830	1430	Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	82.2	87.1	74.0	74.0	92.0	15,20	73.0	25	88.5	76.3	82.4	12.2	76	65	1.13	0.45	4
February	-	-	83.4	88.8	76.7	75.[illegible]	[illegible]	22	75.0	26	89.7	76.9	83.3	12.8	80	60	0.56	0.39	23
March	-	-	83.8	89.9	-	-	93.5	3	74.0	17,29	90.8	76.9	83.9	13.9	-	-	4.85	1.25	16
April	-	-	81.4	86.8	79.1	-	92.0	8,10	74.0	24,29,30	88.2	75.9	82.0	12.3	93	-	6.87	1.18	28
May	-	-	78.3	82.7	75.0	-	88.5	8	70.0	22	84.3	73.7	79.0	10.6	90	-	15.94	3.44	13
June	-	-	77.5	85.5	72.4	76.4	88.5	22,23	66.0	12	85.8	70.6	78.2	15.2	85	75	0.38	0.35	1
July	-	-	76.0	83.2	71.6	76.4	87.0	2,3	66.5	22	83.8	70.2	77.0	13.6	86	80	1.67	0.72	15
August	-	-	75.2	81.1	71.6	77.2	86.0	13	66.5	3,10	82.2	69.8	76.0	12.4	89	88	7.48	1.68	26
September	-	-	76.0	80.5	72.0	74.7	85.0	14,27	67.5	14	82.3	70.4	76.3	11.9	87	83	6.18	1.52	18
October	-	-	78.1	83.1	73.3	75.1	87.0	11,31	69.5	9	84.4	71.9	78.1	12.5	85	77	12.54	2.74	12
November	-	-	81.8	87.0	76.5	78.6	91.0	20	70.0	9	88.1	77.7	82.9	10.4	84	76	1.70	0.68	30
December	-	-	84.1	89.1	76.8	79.9	92.0	Often	73.5	6	90.6	77.6	84.1	13.0	79	74	0.17	0.14	9
Year	-	-	79.8	85.4	-	-	93.5	Mar. 3	66.0	June 12	86.6	74.0	80.3	12.6	-	-	59.47	3.44	May 13

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.															Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430						0830			1430			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	9	16	4.1	2.9	2.8	2.0	4	3	13	11	0	3	13	12	2	1	0	0	31	0	0	31	6	0
February	N	NE/E	7	17	3.3	2.7	1.9	1.8	1	11	14	2	0	1	15	9	3	0	0	0	28	0	0	28	4	0
March	SW-N	E/SE	5	13	3.8	3.5	2.4	2.3	3	5	16	7	0	0	11	13	6	0	0	0	31	0	0	30	10	2
April	SW	S	8	13	4.3	5.2	2.5	3.5	0	7	12	8	2	0	3	9	12	4	0	0	29	0	0	28	14	0
May	SW	S	8	12	5.3	4.7	3.6	3.7	3	2	7	12	7	2	5	7	8	9	0	1	30	0	5	26	18	0
June	SW	S	7	16	2.7	3.0	1.5	2.1	8	8	9	4	1	2	12	13	3	0	0	0	30	0	0	30	2	0
July	SW	S	10	15	4.4	4.4	2.9	2.7	3	7	8	9	4	0	10	10	7	4	0	0	31	0	0	31	9	0
August	SW	SE/S	7	13	4.6	4.7	3.2	3.2	2	6	10	9	4	0	7	11	11	2	0	3	28	0	0	31	18	0
September	SW	SE/S	5	11	4.6	4.4	3.4	3.6	0	4	15	9	1	0	8	10	7	2	0	1	28	0	2	25	18	0
October	SW	SE	5	12	5.4	3.7	4.5	3.0	0	4	11	10	6	2	13	6	8	2	0	3	28	0	1	30	18	0
November	W-N	E/SE	4	11	4.2	2.5	3.5	2.0	1	6	13	9	1	0	10	8	5	7	0	0	30	0	0	30	10	0
December	N	NE	9	12	2.8	3.9	2.2	3.6	4	14	6	7	0	9	14	8	0	0	0	0	31	2	0	29	2	0
Year	SW/N	SE/S	7	13	4.1	3.8	2.9	2.8	29	77	134	97	26	19	121	116	72	31	0	8	355	2	8	349	129	2

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.