E A S T AFRICAN

METEOROLOGICAL DEPARTMENT

SUMMARY OF METEOROLOGICAL OBSERVATIONS

FOR

1950.

PART II - T A N G A N Y I K A.

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September 14, 1999

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SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT AMANI, IN 1950.

Latitude 05°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	910.3	907.2	71.5	82.6	67.0	67.8	88.2	15	60.6	21	84.8	63.5	74.1	21.3	86	61	0.10	0.03	11,29
February	911.1	908.2	71.7	84.7	65.7	66.7	91.0	10	60.9	20	86.4	64.3	75.3	22.1	81	55	0.31	0.21	14
March	911.6	908.7	70.1	77.9	67.9	69.6	87.0	2	60.4	2	80.6	64.6	72.6	15.9	93	77	15.40	3.02	17
April	911.5	909.4	70.2	74.1	67.7	69.0	81.7	4	60.0	21	77.5	64.1	70.8	13.4	92	85	15.26	1.66	12
May	914.0	911.9	66.4	71.1	62.8	65.0	76.7	5	58.0	24	73.6	62.1	67.9	11.5	89	81	7.89	2.01	6
June	915.2	913.4	64.4	69.9	60.5	62.2	75.2	25,27	54.0	28	71.4	59.5	65.5	11.8	88	77	3.06	0.68	27
July	915.7	914.1	62.9	67.8	60.1	61.8	72.8	4	53.6	9	70.1	57.7	63.9	12.4	91	82	4.92	0.90	21
August	915.1	913.5	62.6	68.2	60.7	62.0	73.2	4	52.6	25	70.2	58.0	64.1	12.2	94	81	4.94	0.83	22
September	916.2	913.8	64.0	70.3	62.0	63.8	75.1	23	55.6	14	72.1	59.0	65.5	13.1	93	80	6.31	1.44	25
October	914.6	911.6	66.4	73.1	63.6	64.0	79.6	24	54.8	12	75.1	59.0	67.1	16.1	91	73	3.37	1.03	4
November	912.5	909.2	70.3	78.1	66.1	67.1	83.4	26	57.8	14	79.8	61.7	70.7	18.1	87	69	2.38	1.43	22
December	912.4	908.8	70.8	77.7	66.8	68.3	84.8	3	60.1	4	80.8	63.1	71.9	17.8	88	73	5.25	0.76	7
Year	913.3	910.8	67.6	74.6	64.2	65.6	91.0	Feb. 10	52.6	Aug. 25	76.9	61.4	69.1	15.5	89	75	69.19	3.02	Mar. 17

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/N	7	16	4.3	4.5	3.3	4.2	1	4	16	8	2	0	2	21	8	0		0	27	4	0	0	31	6	1
February	E	E	9	16	4.6	5.1	4.0	4.7	0	6	13	6	3	0	2	14	11	1		0	22	6	0	0	28	4	0
March	W	E	6	14	6.2	6.5	5.3	6.3	0	1	7	18	5	0	0	4	22	5		0	15	16	0	4	27	26	5
April	W	E	8	10	6.0	6.7	5.4	6.3	0	0	10	12	8	0	0	5	13	12		1	14	15	0	10	20	27	0
May	SW/W	S-W	16	15	6.5	6.5	6.2	6.3	0	2	5	11	13	0	1	7	9	14		1	12	18	0	8	23	22	0
June	SW/W	SW	13	14	5.8	6.5	5.1	6.2	0	1	8	17	4	0	0	7	17	6		0	3	27	0	4	26	20	0
July	SW	SW	9	13	6.2	6.7	5.7	6.5	0	1	8	13	9	0	0	6	16	9		2	9	20	1	2	28	23	1
August	S	SE	9	11	6.5	6.7	6.4	6.5	0	2	5	10	14	0	1	5	13	12		2	11	18	1	2	28	23	0
September	E-S	E-S	13	18	7.3	6.7	7.3	6.7	0	0	2	12	16	0	0	3	19	8		4	20	6	0	4	26	17	0
October	E	E	12	23	6.6	5.9	6.6	5.9	0	0	6	16	9	0	1	11	14	5		1	21	9	0	3	28	14	1
November	E	E/SE	10	21	5.8	5.3	5.6	5.2	0	0	10	16	4	0	0	16	13	1		0	12	18	0	0	30	11	2
December	E	E/SE	13	20	5.7	5.9	5.3	5.5	0	0	13	10	8	0	0	13	11	7		0	16	15	0	3	28	16	7
Year	E	E	10	16	5.9	6.1	5.5	5.9	1	17	103	149	95	0	7	112	166	80		11	182	172	2	40	323	209	17

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidius (/) 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 ARUSHA, IN 1950.

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	-	-	65.7	78.0	60.6	58.5	86.0	11	51.0	7	82.6	56.2	69.4	26.1	84	52	3.42	1.12	1
February	-	-	65.1	79.5	60.1	57.7	87.5	12	50.0	5,10	83.6	55.9	69.7	27.7	84	48	1.61	0.89	5
March	-	-	64.7	72.9	61.6	61.6	84.0	1	56.0	28	77.7	61.0	69.3	16.7	90	68	13.56	1.83	15
April	-	-	63.7	71.7	61.4	62.0	80.0	22,23	57.0	12	76.2	60.8	68.5	15.4	92	72	26.22	4.20	12
May	-	-	61.2	68.9	58.4	60.8	79.6	30	53.0	3	72.8	57.1	64.9	14.9	91	76	10.54	1.81	2
June	-	-	58.5	67.0	55.5	56.5	76.5	10	47.5	3	69.6	54.7	62.1	14.9	90	69	0.70	0.29	28
July	-	-	57.3	64.3	52.7	53.6	72.2	10	52.5	4	68.4	54.9	61.7	13.5	85	69	0.63	0.24	21
August	-	-	57.8	66.1	52.4	53.0	74.0	14,31	49.0	15	69.4	54.8	62.1	14.6	83	63	0.35	0.10	8
September	-	-	60.6	70.1	54.4	55.8	78.0	8,29	52.0	27,29	73.1	55.5	64.3	17.5	81	61	0.02	0.02	12
October	-	-	61.3	74.6	55.9	52.6	83.0	23,27	51.5	6	77.8	56.5	67.1	21.3	83	47	0.21	0.10	24
November	-	-	63.5	76.1	57.8	56.5	84.0	Often	52.0	9	80.6	58.6	69.6	22.0	82	51	1.31	0.50	2
December	-	-	64.2	75.6	59.0	58.2	87.0	28,29	50.0	17	81.6	56.8	69.2	24.8	83	55	0.97	0.45	14
Year	-	-	62.0	72.1	57.5	57.2	87.5	Feb. 12	47.5	June 3	76.1	56.9	66.5	19.1	86	61	59.54	4.20	April 12

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.														Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430					0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			knots	knots																						
January	E	NE	3	7	4.2	5.4	4.2	5.4	5	5	5	5	7	0	1	11	11	1	0	0	27	0	0	24	10	3
February	E	NE	3	7	4.7	5.5	4.1	5.2	4	5	5	5	8	0	1	12	10	4	0	0	27	0	0	27	5	2
March	E	NE	3	5	6.7	6.9	6.3	6.9	0	1	6	9	15	0	0	4	12	14	0	3	28	0	1	29	23	5
April	E	NE/E	5	6	7.4	6.0	7.2	5.2	0	0	2	5	18	0	0	8	11	4	0	1	24	0	0	23	23	3
May	E	NE	4	5	7.8	7.2	7.8	7.0	0	0	1	1	19	0	0	0	10	10	5	4	12	1	0	19	20	0
June	E	NE/E	4	6	7.3	6.2	7.1	5.3	0	1	3	3	23	0	1	9	11	9	0	2	28	0	0	30	8	0
July	E	NE/E	3	4	6.8	4.6	6.6	4.6	0	2	5	3	21	0	4	18	5	4	0	4	27	0	0	31	8	0
August	E	E	3	3	6.3	4.0	6.3	4.0	0	5	5	2	19	0	7	18	4	2	0	11	20	0	2	29	6	0
September	E	NE/E	4	6	6.0	5.0	5.7	4.6	0	6	4	7	13	0	5	8	14	3	0	0	30	0	0	30	1	0
October	E	NE/E	4	5	5.9	4.8	5.5	4.0	0	3	8	7	13	0	4	13	11	1	1	1	29	0	0	29	4	1
November	E	E	2	3	5.1	4.1	5.1	4.1	0	5	12	5	7	0	6	18	5	0	0	1	28	0	0	29	6	1
December	E	E	2	2	4.6	5.0	4.6	4.8	1	5	12	7	6	0	2	17	8	4	0	3	28	0	1	30	7	0
Year	E	NE/E	3	5	6.1	5.4	5.9	5.1	10	38	68	59	169	0	31	136	112	56	6	30	308	1	4	330	121	15

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidius (/) 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 1950.

Latitude 02° 38'S Longitude 31° 19'E Altitude 4850 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 24hrs.	Date
	mb.	mb.	F	F	F	F	F		F		F	F	F	F	%	%	ins.	ins.	
January	-	-	67.1	73.7	62.5	69.2	83.4	6	57.0	29	78.1	62.1	70.1	16.0	85	87	2.41	1.00	18
February	-	-	65.9	71.2	60.8	67.3	83.8	4	57.5	6	78.5	61.2	69.9	17.3	84	88	3.40	0.90	21
March	-	-	66.4	72.1	60.3	64.0	84.6	4	57.6	26	76.3	61.3	68.8	15.0	81	76	6.90	1.38	10
April	-	-	67.0	73.0	60.8	63.7	81.0	6	58.0	9	76.3	61.5	68.9	14.8	81	72	6.11	1.92	14
May	-	-	65.7	72.8	58.3	62.5	80.5	14	56.0	29	76.1	60.3	68.2	15.8	77	71	1.30	0.58	8
June	-	-	66.7	71.9	52.8	56.3	85.0	27	54.2	2	78.7	59.9	69.3	18.8	61	57	0.00	0.00	0
July	-	-	65.2	68.1	50.1	51.8	88.4	1, 3	58.0	24	79.9	60.6	70.3	19.3	59	56	0.00	0.00	0
August	-	-	66.3	68.5	53.5	55.7	83.4	25	57.5	18	80.1	60.3	70.2	19.8	64	64	1.52	1.24	29
September	-	-	67.5	70.1	60.1	61.9	83.2	10	58.2	29	79.6	61.4	70.5	18.2	78	75	1.20	0.35	14
October	-	-	68.4	72.2	56.5	57.3	86.4	2	57.2	5	79.8	61.3	70.5	18.5	66	60	1.80	0.70	3
November	-	-	67.1	72.4	60.3	61.4	82.5	14,21	58.0	often	78.8	61.1	69.9	17.6	79	69	2.99	0.62	22
December	-	-	65.0	68.4	59.4	60.5	85.0	18	-	-	76.8	-	-	-	83	76	2.88	0.61	10
Year	-	-	66.5	71.2	57.9	61.0	88.4	July 1, 3	-	-	78.3	-	-	-	75	71	30.51	1.92	April 14

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eights) and Frequency of Total Cloud														Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430					0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunde-
			Knots	Knots																						
January	E/SE	E/SE	2	4	6.3	6.7	2.9	3.8	0	0	14	4	13	0	0	4	13	14	0	31	0	0	24	7	10	0
February	SE	SE	5	7	6.2	6.5	2.1	3.9	0	0	9	10	9	0	0	4	16	8	0	27	1	0	21	7	10	0
March	SE	SE	6	7	6.1	5.3	4.3	3.8	0	0	10	12	9	0	0	19	7	5	0	27	4	0	17	14	13	2
April	S	S	3	3	5.4	4.9	2.9	3.0	0	1	17	9	3	0	2	19	5	4	0	16	14	0	10	20	12	0
May	S	S	6	4	4.3	4.8	2.0	2.5	1	1	22	5	2	0	1	22	8	0	0	21	10	0	14	17	8	0
June	S	SE	19	7	2.7	5.0	0.2	2.6	2	16	9	3	0	0	0	19	9	2	0	29	1	0	28	2	0	0
July	SE/S	SE	15	7	2.8	4.8	0.0	1.5	0	21	8	1	1	0	5	12	11	3	1	30	0	0	31	0	0	0
August	SE/S	SE	11	7	4.2	6.2	0.5	1.8	0	13	6	9	3	0	0	7	17	7	0	31	0	0	31	0	2	0
September	SE	SE	5	6	5.0	6.2	0.8	2.2	0	1	19	7	3	0	0	3	22	5	0	27	3	0	26	4	6	0
October	SE	SE	5	5	5.3	6.3	0.8	1.7	0	0	18	7	6	0	1	5	18	7	0	6	25	0	1	30	9	0
November	NE-S	E/S	3	3	5.7	5.5	3.9	4.1	1	0	12	10	7	0	0	16	8	6	0	8	22	0	7	23	12	0
December	NE/SE	SE	5	9	6.5	6.1	6.2	5.8	0	0	8	15	8	0	0	11	13	7	0	21	10	0	22	9	18	1
Year	SE	SE	7	6	5.0	5.7	2.2	3.1	4	53	152	92	64	0	9	141	147	68	1	274	90	0	232	133	100	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 followinf definitions are used in this table: Fog = Visibility less than 1100 yards; Mist or Haze = Visibility 1100 yards to 6 miles; Good = Visibility over 6½ miles.
(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 1950.

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
			°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	67.6	75.8	63.9	68.6	84.0	31	-	-	80.2	-	-	-	88	79	5.88	1.00	29
February	-	-	69.8	77.9	64.3	66.4	85.0	27,28	-	-	80.9	-	-	-	83	68	1.25	0.36	18
March	-	-	69.3	77.5	64.2	65.6	85.0	5,6,7	57.0	23	80.5	59.9	70.2	18.8	85	67	14.51	2.45	20
April	-	-	70.4	77.4	65.5	67.1	83.0	5	57.0	7	80.3	60.4	70.3	19.9	85	71	12.51	2.75	16
May	-	-	68.4	75.6	63.5	66.3	82.1	11,14	57.3	25	77.9	60.4	69.1	17.5	85	73	14.11	2.82	17
June	-	-	69.5	78.2	61.4	65.0	82.5	11,13	56.9	22	80.5	60.0	70.3	20.5	75	64	3.08	2.06	25
July	-	-	66.3	75.7	60.8	64.1	83.2	12	55.2	23	77.1	58.4	67.7	18.7	83	68	3.25	2.15	22
August	-	-	67.6	75.7	63.0	64.2	83.2	27	54.3	8	77.9	59.2	68.5	19.1	85	68	3.44	2.16	29
September	-	-	65.9	73.9	62.2	66.5	82.0	24	54.1	17	78.2	59.2	68.7	19.0	88	78	4.25	1.25	2
October	-	-	67.0	76.9	62.9	66.6	83.2	2,31	55.3	13	80.5	59.3	69.9	21.2	86	71	3.50	0.80	7
November	-	-	68.0	78.2	62.4	67.1	86.4	11	56.0	29	82.1	59.4	70.7	22.7	83	69	4.09	0.73	19
December	-	-	67.0	75.5	63.0	66.5	85.0	17	56.0	5,9	81.5	58.4	69.9	23.0	87	74	10.34	1.75	12
Year	-	-	68.1	76.5	63.1	66.2	86.4	Nov. 11	-	-	79.8	-	-	-	84	71	80.21	2.82	May. 17

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud														Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430					0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			knots	knots																						
January	E	E	4	5	7.3	5.9	7.2	5.8	0	0	2	14	15	0	2	8	17	4	0	0	31	0	0	31	13	3
February	SE	E	1	3	6.1	3.6	5.6	2.9	0	1	8	11	8	6	4	9	8	1	0	0	28	0	0	28	8	5
March	E/SE	E/SE	4	5	6.7	4.5	5.9	3.5	0	2	6	6	17	1	1	19	6	4	0	0	31	0	0	31	19	0
April	SE	SE/NW	3	5	6.7	5.3	5.9	4.3	0	1	4	15	10	0	0	14	13	3	0	1	29	0	0	30	20	0
May	SE	NW	2	3	6.7	5.6	6.3	5.0	1	0	4	15	10	0	0	15	12	2	0	0	30	0	0	29	16	4
June	SE	NW	3	5	5.4	4.7	5.2	4.3	2	0	12	13	3	1	0	20	9	0	0	0	30	0	0	30	5	4
July	SE	NW	1	3	6.4	5.1	6.2	4.6	0	0	9	14	8	0	1	17	12	1	0	1	30	0	0	31	9	8
August	E	NW	4	4	5.8	5.0	5.4	4.2	2	0	7	13	8	2	0	15	10	2	0	0	30	0	0	29	11	5
September	SE	NW	1	3	6.9	5.9	6.8	5.5	0	0	1	21	8	0	0	14	13	3	0	0	30	0	0	30	10	18
October	CALM	NW	0	3	7.0	5.6	6.7	5.3	0	0	0	22	9	0	0	16	14	1	0	0	31	0	0	31	10	2
November	SE	NW	2	3	7.0	5.5	6.9	5.4	0	0	3	15	12	0	0	14	15	1	0	0	30	0	0	30	11	11
December	CALM	NW	0	2	7.1	5.5	7.1	5.5	0	0	1	17	10	0	0	13	13	1	0	0	28	0	0	27	14	7
Year	SE	NW	2	4	6.6	5.2	6.3	4.7	5	4	57	176	118	10	8	174	142	23	0	2	358	0	0	357	146	67

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidius (/) 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 CHUNYA, IN 1950.

Latitude 08° 32'S Longitude 33° 26'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														
	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 24hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	65.3	75.0	60.5	60.3	85.2	7	58.6	25	77.9	62.1	70.0	15.7	84	60	11.41	2.56	3
February	-	-	65.1	74.1	60.2	60.2	83.0	2	59.0	6	77.5	61.7	69.6	15.8	85	62	5.66	1.36	5
March	-	-	65.6	75.9	59.6	59.3	82.2	3	59.8	21,28	78.0	61.7	69.9	16.3	81	57	4.09	0.97	21
April	-	-	66.2	77.4	56.0	57.6	81.9	20	57.0	29	78.8	60.0	69.4	16.8	75	51	0.27	0.12	21
May	-	-	62.5	75.2	53.0	52.0	81.0	14,17	49.6	27	777.3	56.5	66.9	20.8	71	45	0.15	0.15	1
June	-	-	59.3	75.6	47.7	45.9	80.8	13	49.6	2	77.7	52.7	65.2	25.0	66	35	0.00	0.00	0
July	-	-	58.5	74.0	46.6	45.4	78.7	7	51.0	13	76.1	53.8	64.9	22.2	65	36	0.07	0.07	23
August	-	-	60.6	76.6	49.0	47.8	83.0	24	49.8	14	79.1	54.9	67.0	24.1	65	36	0.00	0.00	0
September	-	-	64.0	79.7	51.5	53.1	85.9	16	55.8	20	82.2	58.5	70.3	23.7	64	40	0.40	0.40	27
October	-	-	66.7	80.6	52.1	49.4	88.8	2	57.8	7	83.0	61.4	72.2	21.5	60	34	2.60	1.40	23
November	-	-	68.7	80.3	55.8	52.2	87.4	19	60.6	9	83.1	63.0	73.1	20.1	63	38	0.52	0.22	6,21
December	-	-	66.8	77.3	56.8	57.0	85.0	15	58.6	5	80.1	62.0	71.1	18.1	76	50	6.09	1.52	4
Year	-	-	64.1	76.8	54.4	53.3	88.8	October 2	49.6	May 27 June 2	79.2	59.0	69.1	20.2	71	45	31.26	2.56	Jan. 3

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eights) and Frequency of Total Cloud															Frequency of Visibility						No. of days of	
					Total		Low		0830					1430						0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8		Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			Knots	Knots																							
January	E	SW/W	1	4	7.2	6.7	3.2	3.7	0	1	2	8	20	0	0	7	16	6		1	2	28	0	0	31	16	6
February	E	E	2	7	6.9	6.3	2.0	3.6	0	0	4	12	12	0	0	8	11	9		1	0	27	0	1	27	15	8
March	E	E	5	9	6.5	6.0	2.6	3.2	0	2	6	11	12	0	0	11	14	6		0	1	30	0	1	30	12	0
April	E	E	6	8	4.1	5.5	1.1	3.3	0	6	13	9	0	0	1	14	13	2		0	0	30	0	0	30	4	5
May	E	E	5	4	3.4	5.0	1.0	3.3	5	11	4	6	3	0	6	6	14	3		0	0	31	0	0	31	1	0
June	E	E	7	4	0.7	2.6	0.1	1.8	22	4	4	0	0	0	17	11	2	0		0	0	30	0	0	30	0	0
July	E	E	6	2	1.7	3.2	0.3	2.2	9	16	3	3	0	0	14	11	4	2		0	0	31	0	0	31	1	0
August	E	E	6	3	1.5	4.0	0.3	2.5	11	13	6	1	0	0	9	14	8	0		0	0	31	0	0	31	0	0
September	E	E	10	4	2.1	4.3	0.3	2.3	15	6	4	2	3	1	7	11	8	3		0	0	30	0	0	30	1	0
October	E	E	8	3	3.7	5.3	1.8	2.8	5	11	2	5	8	0	3	10	15	3		0	0	31	0	0	31	3	1
November	E	E	8	4	4.3	5.7	0.9	3.3	0	13	2	12	3	0	0	13	14	3		0	0	30	0	0	30	3	6
December	E	E	2	2	5.5	6.4	2.1	4.1	1	7	4	4	15	0	0	7	16	6		0	1	30	0	1	30	15	5
Year	E	E	5	5	4.0	5.1	1.3	3.0	68	92	54	75	76	1	57	125	137	45		2	4	359	0	3	362	73	31

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 over 6 miles.
(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 1950.

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														
	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	1007.6	1004.8	82.5	87.6	76.9	77.6	91.5	29	69.5	6	89.7	77.1	83.4	12.5	84	73	1.06	0.68	3
February	1008.6	1005.9	80.9	86.9	75.4	75.4	91.7	7	70.5	6	88.9	75.3	82.1	13.6	84	69	6.87	2.88	15
March	1008.8	1006.0	78.7	85.3	75.5	75.4	91.7	24	71.1	2	88.5	73.5	81.0	15.1	90	73	3.41	0.67	30
April	1009.1	1006.7	77.3	83.1	74.7	76.0	91.8	3	71.0	23	86.8	72.2	79.5	14.6	92	79	13.72	2.14	9
May	1012.3	1009.8	74.9	84.1	70.7	70.2	89.9	4,5	64.0	27	85.9	70.0	78.0	15.9	87	64	2.64	1.06	6
June	1014.1	1011.9	72.3	83.5	68.9	67.8	88.0	25	63.9	17	85.3	65.6	75.5	19.6	90	60	0.61	0.23	30
July	1014.8	1012.7	71.1	83.2	67.9	65.9	86.4	5	62.0	7	84.8	65.0	74.9	19.8	90	56	0.32	0.19	8
August	1014.3	1011.9	72.5	82.6	68.7	66.0	89.3	11	61.8	14	85.0	65.8	75.4	19.2	88	57	1.05	0.69	22
September	1015.1	1012.2	75.3	83.9	69.6	68.4	90.0	22	61.5	21	85.8	66.6	76.2	19.2	83	60	2.50	1.28	25
October	1012.8	1009.3	77.9	83.8	71.6	70.5	88.7	30	64.5	19	85.9	68.1	77.0	17.8	81	65	1.02	0.40	5
November	1010.3	1007.0	80.7	86.9	74.1	73.2	92.3	17	68.0	4	88.7	71.0	79.9	17.6	80	64	0.38	0.16	12
December	1009.7	1006.8	81.6	86.5	76.0	76.1	91.2	3	71.0	13	88.4	74.8	81.6	13.6	83	71	2.88	0.94	8
Year	1011.4	1008.7	77.1	84.8	72.5	71.9	92.3	Nov. 17	61.5	Sept. 21	87.0	70.4	78.7	16.5	86	66	36.46	2.88	Feb. 15

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.														Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430					0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			Knots	knots																						
January	NNE/N	NE	10	13	5.4	5.1	4.2	3.8	0	2	12	7	10	0	4	14	7	6	0	0	31	0	0	31	6	1
February	N	NNE/E	9	11	6.1	5.2	3.3	3.4	0	3	2	15	8	0	3	12	9	4	0	1	27	0	0	28	7	4
March	S-E	E-S	5	7	5.7	6.3	2.2	3.7	0	4	8	8	11	0	2	6	11	12	0	0	31	0	0	31	14	15
April	SSW/SW	E/S	7	9	5.3	6.8	3.6	5.0	0	3	13	8	6	0	0	2	13	15	0	0	30	0	2	28	22	7
May	SW	S	8	12	4.9	6.0	2.8	3.8	0	8	9	3	11	0	1	9	12	9	0	0	31	0	0	31	12	1
June	S-SW	S	7	11	3.5	5.4	2.1	4.3	0	16	6	4	4	0	0	12	14	4	0	0	30	0	0	30	4	0
July	SW	S	6	9	4.6	5.5	2.3	3.5	0	3	18	6	4	0	0	12	14	5	0	0	31	0	0	31	4	0
August	S-W	S	7	12	4.2	5.2	2.6	3.7	0	7	16	4	4	0	5	7	14	5	0	0	31	0	0	31	6	0
September	S/SW	E-SE	5	11	4.4	4.8	3.0	4.0	0	10	7	11	2	0	2	16	10	2	0	1	29	0	0	30	6	0
October	NE/S	NE/E	4	12	4.3	3.7	3.7	3.3	0	9	8	10	4	0	12	11	7	1	0	0	31	0	0	31	8	0
November	NE	NE-E	3	11	5.1	3.5	4.6	2.6	0	1	15	12	2	0	10	16	4	0	0	1	29	0	0	30	6	2
December	N	NE-E	6	10	6.0	5.2	4.6	3.2	0	2	6	19	4	0	3	10	15	3	0	0	31	0	0	31	8	9
Year	S-W	S	6	11	4.9	5.2	3.3	3.7	0	68	120	107	70	0	42	127	130	66	0	3	362	0	2	363	103	39

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

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT DAR ES SALAAM, (KURASINI), IN 1950.

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

Moonth	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Dry Bulb		Dew Point														
	0830 mb.	1430 mb.	0830 °F	1430 °F	0830 °F	1430 °F	Max. °F	Date	Min. °F	Date	Mean Max. °F	Mean Min. °F	Max. + Min. 2 °F	Mean Range °F	0830 %	1430 %	Total ins.	Max. Fall in 24 hrs. ins.	Date
January	-	-	82.2	65.2	75.3	75.7	88 5	17	72.6	5	86.8	78.8	82.8	7.9	79	74	0.72	0.25	3
February	-	-	80.7	84.9	74.2	74.4	88.5	4	69.6	28	86.5	76.6	81.5	9.9	81	71	6.76	2.55	15
March	-	-	78.9	84.1	75.0	74.9	90.0	20,27	71.8	10	87.4	74.2	80.8	13.2	88	74	4.83	1.22	9
April	-	-	77.3	82.5	74.1	75.0	91.0	3,5	71.6	13	86.7	72.8	79.7	13.9	90	79	13.19	1.89	9
May	-	-	74.9	83.0	69.3	68.8	89.2	5	65.2	27	85.2	70.8	78.0	14.4	83	63	3.36	1.37	6
June	-	-	72.5	82.7	67.8	66.1	87.6	25	64.3	17	84.5	66.4	75.5	18.1	86	58	0.54	0.26	30
July	-	-	71.7	81.9	67.7	65.7	86.5	4	62.2	7	83.8	65.6	74.7	18.2	87	58	0.89	0.24	24
August	-	-	72.7	81.8	68.5	66.5	88.0	11	62.8	16	83.9	66.2	75.1	17.7	87	60	0.98	0.60	22
September	-	-	75.1	81.7	69.2	68.4	88.3	7	63.4	5	83.7	66.8	75.3	17.0	82	65	2.01	1.14	28
October	-	-	77.9	81.8	72.0	70.9	85.5	5,28	64.9	13	83.5	68.8	76.1	14.7	82	71	1.35	0.32	4,31
November	-	-	81.1	83.9	74.4	73.5	91.5	17	68.6	4	85.9	72.0	78.9	14.2	80	71	1.10	0.49	2
December	-	-	81.9	84.7	75.9	75.7	89.0	2	72.1	6	86.7	76.4	81.5	10.3	82	74	2.35	0.82	6
Year	-	-	77.2	83.2	71.9	71.3	91.5	Nov. 17	62.2	July 7	85.4	71.3	78.3	14.1	84	68	38.10	2.55	Feb. 15

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud														Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430					0830			1430				
	0830	1430	0830 knots	1430 knots	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
January	NE/N	NE/N	12	12	5.6	4.6	4.4	3.5	0	2	12	8	9	0	7	10	10	4	0	1	30	0	0	31	7	0
February	NE/N	NE	10	10	5.7	4.4	4.2	3.2	0	4	5	9	10	0	7	11	4	6	0	0	28	0	0	28	8	2
March	SW	NE/E	2	5	5.1	5.8	1.9	3.3	0	4	11	9	7	0	1	8	15	7	0	0	31	0	2	29	16	2
April	SW	SE/S	5	5	4.9	6.4	4.1	5.4	0	8	6	10	6	0	0	10	7	13	0	3	27	0	2	28	21	6
May	S/SW	S	7	8	5.0	6.3	4.1	5.5	0	8	6	7	10	0	2	7	8	14	0	2	29	0	0	31	10	0
June	SW	SE/S	6	10	2.7	5.2	1.8	4.3	0	18	8	0	4	0	2	13	12	3	0	0	30	0	0	30	6	0
July	SW	SE-S	4	8	3.9	5.2	2.0	3.3	0	9	15	4	3	0	0	17	10	4	0	0	31	0	0	31	11	0
August	SW	SE/S	5	10	3.7	4.9	2.6	4.5	0	14	6	9	2	0	5	12	10	4	0	0	31	0	1	30	9	0
September	SE-SW	NE-SE	4	11	4.1	4.0	3.3	3.5	0	12	5	11	2	0	13	8	7	2	0	0	30	0	0	30	8	0
October	NE/SE	NE/E	3	11	5.0	3.5	4.6	3.1	0	5	13	10	3	0	10	15	5	1	0	0	31	0	0	31	10	0
November	NE-SE	NE/E	3	9	5.5	3.4	5.0	2.7	0	0	14	14	1	0	11	13	5	0	0	0	29	0	0	29	5	1
December	NE/N	NE	6	9	5.5	5.0	4.4	3.2	0	3	10	13	5	0	3	12	11	3	0	0	31	0	0	29	12	7
Year	NE/SW	NE	5	9	4.7	4.9	3.5	3.8	0	87	111	104	62	0	61	136	104	61	0	6	358	0	5	357	123	18

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

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT DODOMA METEOROLOGICAL STATION IN 1950.

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

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Dry Bulb		Dew Point														
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. / 2	Mean Range	0830	1430	Total	Max. Fall in 24hrs.	Date
	mb.	mb.	oF	oF	oF	oF	oF		oF		oF	oF	oF	oF	%	%	ins.	ins.	
January	889.0	885.9	69.3	82.4	64.2	62.9	91.0	6, 9	62.5	28	85.1	65.1	75.1	19.9	84	52	4.71	1.22	27
February	890.0	887.1	68.5	81.7	64.3	62.8	89.7	4	61.0	22	84.9	64.0	74.5	20.9	87	54	5.71	1.69	13
March	890.3	887.1	67.7	81.8	63.9	62.3	89.3	4	60.8	2	84.0	63.9	73.9	20.1	87	52	6.00	3.38	19
April	890.0	887.6	68.3	81.3	63.4	61.5	86.5	2, 7	59.5	27	83.3	62.9	73.1	20.4	85	52	0.36	0.16	16
May	892.3	889.6	66.3	80.4	58.9	56.6	85.5	14	52.2	27	81.4	60.2	70.8	21.2	77	45	0.05	0.04	8
June	893.4	890.5	63.5	79.1	55.0	53.0	85.2	5	50.0	3	80.3	55.2	67.7	25.1	74	41	0.00	0.00	0
July	893.6	891.1	61.6	78.3	54.7	52.2	81.8	11	52.4	24	79.4	55.7	67.5	23.6	78	41	0.00	0.00	0
August	893.0	890.2	63.4	79.9	55.0	51.0	84.0	28	50.0	14	80.9	56.7	68.8	24.3	75	37	0.00	0.00	0
September	893.7	890.1	65.5	82.9	56.1	52.0	89.2	30	56.5	9, 20	86.1	59.0	72.5	26.8	72	35	0.00	0.00	0
October	891.9	887.7	68.2	85.6	57.9	52.0	91.5	23, 24	57.0	4	88.0	61.0	74.5	27.1	70	32	0.19	0.08	25
November	890.1	886.1	70.7	87.9	59.0	52.1	93.8	25	61.0	11	90.4	64.1	77.3	26.3	67	30	0.07	0.05	27
December	890.3	886.5	71.2	85.8	62.1	56.6	91.7	6	61.0	24	89.3	65.7	77.5	23.6	73	37	1.79	1.15	23
Year	891.5	888.3	67.0	82.3	59.5	56.3	93.8	Nov. 25	50.0	Jun. 3 Aug. 14	84.4	61.1	72.8	23.3	77	42	18.88	3.38	March 19

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eights) and Frequency of Total Cloud															Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430						0830			1430			Rain (4)	Thunder
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8		Fog	Mist or Haze.	Good	Fog	Mist or Haze	Good		
			Knots	Knots																							
January	E	E	7	6	6.0	5.3	2.2	2.9	0	4	5	10	12	0	3	12	8	6		0	0	31	0	0	31	12	12
February	E	E/W	7	7	5.5	5.3	2.8	3.6	0	4	6	5	13	0	1	14	6	7		0	0	28	0	0	28	9	14
March	E	E	9	9	6.2	5.4	3.4	3.5	0	2	5	5	19	0	2	12	11	6		0	0	31	0	0	31	10	10
April	E/ESE	E/SE	14	15	5.3	5.3	4.5	4.7	0	3	8	6	13	0	1	15	7	7		0	1	29	0	0	30	5	1
May	E/ESE	E-SE	15	14	3.9	5.1	2.6	4.0	1	13	5	1	11	0	5	8	11	7		0	0	31	0	0	31	2	0
June	E	NE-SE	13	10	3.2	3.3	2.1	2.9	1	16	5	5	3	0	11	15	3	1		0	0	30	0	0	30	0	0
July	E	E-SE	15	11	4.6	4.7	3.7	4.1	0	6	10	11	4	0	3	21	7	0		0	0	31	0	0	31	0	0
August	E	E	15	13	3.4	4.2	2.6	3.7	2	12	9	7	1	1	6	13	9	2		0	0	31	0	0	31	0	0
September	E/ESE	E-SE	15	15	3.9	4.0	3.3	3.0	0	12	7	5	6	0	11	8	6	3		0	0	30	0	0	30	0	0
October	E	E-SE	15	13	3.9	3.6	2.3	2.9	0	8	14	7	2	0	6	20	2	1		0	0	31	0	0	31	4	1
November	E	E/ESE	16	14	4.0	4.4	3.0	3.7	0	10	10	3	7	0	3	21	5	1		0	0	30	0	0	30	2	2
December	E	E	12	10	4.9	4.8	3.2	4.3	0	6	9	6	6	0	1	20	8	2		0	0	31	0	0	31	5	13
Year	E	E-SE	13	11	4.6	4.6	3.0	3.6	4	96	93	73	99	1	55	179	85	45		0	1	364	0	0	365	49	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 over 6½ miles.
(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 1950.

Latitude: 07° 47'S Longitude 35° 42'E Altitude 5330 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 24hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	64.5	72.5	59.8	60.5	81.0	8	56.0	23	75.9	56.4	67.1	17.5	85	66	4.94	0.76	13
February	-	-	63.6	73.5	59.3	60.1	81.0	4	55.5	1,4,27	76.3	57.1	66.7	19.2	86	63	4.12	1.28	16
March	-	-	64.3	72.8	56.7	59.7	80.2	1	54.0	27,31	75.6	57.8	66.7	17.8	81	64	6.98	1.46	19
April	-	-	64.9	73.4	57.3	56.2	78.5	3	52.0	27	75.0	57.3	66.1	17.7	77	60	0.96	0.29	5
May	-	-	61.3	69.9	55.3	55.2	80.5	15	48.5	28	72.4	54.5	63.5	17.9	61	60	1.04	0.28	19
June	-	-	58.9	70.0	48.4	47.0	76.5	21	49.0	21	71.9	52.1	62.0	19.9	68	44	0.00	0.00	0
July	-	-	56.5	68.6	48.4	46.1	77.0	7	46.0	9, 4	70.5	50.3	60.4	20.2	69	45	0.00	0.00	0
August	-	-	60.1	70.5	48.1	46.7	81.0	28	46.0	14	72.2	52.3	62.3	19.9	65	43	0.00	0.00	0
September	-	-	63.4	72.1	49.4	48.6	80.0	9	48.0	16	75.2	53.3	64.3	21.7	61	44	0.52	0.31	27
October	-	-	66.7	75.8	51.4	49.5	84.0	1	50.5	2	79.1	56.2	67.7	22.8	58	40	0.15	0.12	25
November	-	-	68.8	75.2	54.2	52.9	84.0	often	55.5	6,7,8	80.0	58.4	69.2	21.7	60	46	1.64	0.64	26
December	-	-	66.6	72.0	58.3	57.3	82.0	29	54.5	16	77.5	56.6	68.1	18.7	75	60	2.78	0.70	1
Year	-	-	63.5	72.2	54.1	53.5	84.0	Oct. 1 /	46.0	July 9, 4	75.1	55.5	65.3	19.5	72	53	23.15	1.46	March 19

/ Often in November.

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eights) and Frequency of Total Cloud														Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430					0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			Knots	Knots																						
January	SE	NW	2	2	5.3	6.2	4.6	5.5	0	3	13	11	4	0	0	8	17	6	0	0	31	0	0	31	16	0
February	SE	NW/N	2	4	5.4	5.8	4.7	4.8	0	8	4	6	10	0	0	9	15	4	0	0	28	0	0	28	13	0
March	SE	NW	3	4	5.3	5.9	3.3	3.6	0	6	7	10	8	0	2	8	14	7	0	0	31	0	0	31	19	0
April	SE	SE	4	4	3.5	5.1	2.7	3.5	0	12	11	4	3	0	2	14	12	2	0	0	30	0	0	30	10	0
May	SE	SE	6	4	3.4	4.6	2.5	3.2	0	13	10	6	2	0	6	12	11	2	0	0	31	0	0	31	7	0
June	SE	SE	6	3	1.6	2.7	1.5	2.1	0	27	1	1	1	0	14	14	2	0	0	0	30	0	0	30	0	0
July	E-S	SE	8	4	1.5	3.9	1.3	2.6	0	28	2	0	1	0	10	13	8	0	0	0	31	0	0	31	0	0
August	SE/S	SE/S	12	5	2.4	4.8	1.8	3.4	3	18	6	4	0	1	5	9	16	0	0	0	31	0	0	31	0	0
September	SE-SW	SE/S	5	4	2.3	5.0	1.5	3.9	10	9	4	4	1	0	6	6	13	3	0	0	28	0	0	28	2	0
October	SE-SW	E-S	5	3	3.2	5.6	1.9	3.7	3	12	10	6	0	0	2	11	17	1	0	0	31	0	0	31	2	1
November	E	E	3	3	2.4	5.6	0.5	3.5	0	21	6	3	0	0	1	11	16	2	0	0	30	0	0	30	9	0
December	E	E	1	2	4.9	6.9	2.9	4.3	0	7	10	8	6	0	0	1	24	6	0	0	31	0	0	31	17	0
Year	SE	SE	5	3	3.4	5.2	2.4	3.7	16	164	84	63	36	1	48	116	165	33	0	0	363	0	0	363	95	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 over 6½ miles.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT KIGOMA METEOROLOGICAL STATION IN 1950.

Latitude 04° 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														
	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 24hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	912.5	910.6	70.7	76.8	66.3	68.0	84.0	8	63.2	30	79.6	67.0	73.3	12.6	87	74	12.40	3.81	18
February	913.3	911.3	71.4	78.6	65.7	68.0	89.4	27	62.8	1	81.5	66.7	74.1	14.7	83	70	2.72	0.95	20
March	913.3	911.3	70.6	77.3	65.9	67.3	89.4	3	64.4	13	81.0	67.0	74.0	14.0	85	72	9.64	1.92	21
April	912.9	910.9	72.0	79.2	66.2	68.0	86.5	25	64.1	26	82.2	67.4	74.8	14.9	82	69	2.70	0.37	12
May	914.6	912.7	70.6	80.2	63.2	63.5	88.2	6	60.9	28	83.0	65.8	74.4	17.2	78	57	2.67	1.10	20
June	915.6	913.8	68.0	80.1	59.6	60.8	88.2	23	59.5	3	82.7	63.2	72.9	19.5	75	52	0.00	0.00	0
July	915.5	913.7	67.1	79.9	56.1	57.7	85.5	22	60.4	21	82.8	63.1	72.9	19.6	68	47	0.00	0.00	0
August	915.0	912.7	69.2	81.1	56.4	59.4	86.9	23	61.5	19	84.1	65.1	74.6	19.0	64	48	0.02	0.02	30
September	915.2	912.8	72.3	82.1	56.1	62.6	89.8	26	63.1	21	86.6	67.7	77.1	18.9	57	52	0.04	0.04	27
October	914.2	911.3	73.5	79.9	62.0	64.8	91.8	11	64.5	30	84.0	68.4	76.2	15.5	68	60	4.50	2.89	27
November	913.2	910.8	70.1	76.7	64.9	67.2	88.8	12	60.0	13	79.1	66.1	72.6	13.0	83	73	4.87	1.49	15
December	913.8	911.8	70.0	75.3	65.4	67.0	82.0	17	62.0	2	78.2	66.0	72.1	12.2	85	76	6.20	1.15	1
Year	914.1	912.0	70.5	78.9	62.3	64.5	91.8	Oct. 11	59.5	June 3	82.1	66.1	74.1	15.9	76	63	45.76	3.81	Jan. 18

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud															Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430						0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8		Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			Knots	Knots																							
January	E/SE	S-NW	5	8	6.8	6.2	3.6	2.5	0	0	3	3	25	0	2	7	4	18		0	0	31	0	1	30	15	20
February	SE	SW-NW	6	9	6.5	6.0	2.3	2.6	0	1	3	9	15	0	1	6	3	16		0	0	28	0	0	28	8	13
March	SE	SW-NW	5	8	7.0	6.1	3.7	3.1	0	0	3	5	23	0	1	8	2	20		0	2	29	0	2	29	23	18
April	SE	SSW-NW	6	9	6.6	6.3	3.8	3.5	0	1	4	4	21	0	0	6	5	19		0	0	30	0	0	30	16	11
May	SE	SSW-NW	7	10	5.8	5.6	3.0	3.1	0	5	2	3	21	0	5	5	6	15		0	0	31	0	0	31	7	6
June	SE	SSW-W	8	10	3.6	2.5	1.4	1.3	0	14	4	3	9	0	18	10	1	1		0	0	30	0	0	30	0	0
July	SE	SW/W	9	11	4.8	3.0	2.3	1.3	0	9	5	7	10	0	18	6	1	6		0	0	31	0	1	30	0	2
August	SE	SW/W	7	11	4.9	3.3	2.2	1.1	0	6	11	7	7	1	12	10	5	3		0	12	19	0	13	18	1	0
September	SE	W	7	11	4.4	4.1	2.5	2.1	1	9	7	1	12	0	12	6	4	8		0	3	27	0	3	27	1	3
October	SE	W	5	9	6.3	6.0	3.4	2.9	0	2	4	7	18	0	4	5	6	16		0	1	30	0	0	31	10	14
November	E/SE	W/NW	4	5	7.3	6.6	5.5	3.7	0	0	3	0	27	0	2	3	8	17		0	1	29	0	0	30	20	25
December	NE-SE	W	5	5	6.6	7.0	4.5	4.9	0	1	6	5	19	0	0	2	9	20		0	2	29	0	0	31	14	19
Year	SE	SW-NW	6	9	5.9	5.2	3.2	2.7	1	48	55	54	207	1	75	76	54	159		0	21	344	0	20	345	115	131

Notes: (1) Pressure is given at station level.
(2) The 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 over 6½ miles.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT KILWA METEOROLOGICAL STATION IN 1950.

Latitude 08° 45'S Longitude 39° 25'E Altitude 30 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 24hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	81.9	84.9	80.0	82.8	90.0	2, 25	72.0	10	87.2	76.7	81.9	10.5	94	93	3.10	1.10	3
February	-	-	80.3	84.3	78.1	81.6	90.0	5	72.7	6	86.7	76.5	81.6	10.2	93	92	9.30	4.00	4
March	-	-	76.9	83.8	76.5	79.3	89.0	2, 24	73.4	6,7,20	86.0	75.4	80.7	10.7	93	87	12.49	2.49	19
April	-	-	78.8	84.2	75.4	77.3	89.0	2	70.5	27	86.4	74.6	80.5	11.8	89	80	13.51	4.00	16
May	-	-	76.9	84.0	70.5	72.6	88.3	7	66.2	often	85.6	71.8	78.7	13.8	83	70	2.32	1.82	15
June	-	-	74.9	81.5	68.1	70.3	86.0	27	66.2	8,22	83.9	68.7	76.3	15.1	80	69	0.07	0.07	2
July	-	-	73.8	81.7	68.1	71.0	86.0	4, 23	66.2	often	83.7	68.4	76.1	15.4	83	70	0.17	0.10	8
August	-	-	74.7	81.4	68.7	71.3	87.0	12,13,26	68.0	often	83.5	69.0	76.3	14.5	82	72	1.87	1.35	21
September	-	-	76.2	82.6	71.1	72.7	87.0	16	68.2	20	84.4	71.1	77.7	13.3	84	72	0.06	0.06	11
October	-	-	79.7	84.4	72.6	74.5	89.0	4,25,31	68.0	9	86.1	73.4	79.7	12.7	79	73	0.00	0.00	0
November	-	-	82.5	86.4	75.3	77.5	91.0	24,26,27	72.5	29	88.5	76.4	82.5	12.1	79	75	4.71	3.31	28
December	-	-	81.0	84.8	76.0	77.2	88.5	3,4,6	73.4	1,10,13	87.1	75.7	81.4	11.5	85	78	5.05	2.54	8
Year	-	-	78.3	83.7	73.4	75.7	91.0	Nov. 24,26,27	66.2	Often	85.7	73.1	79.5	12.6	85	77	52.57	4.00	Feb. 4 Apr.16

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eights) and Frequency of Total Cloud													Frequency of Visibility						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	NW/N	12	14	7.6	7.3	6.6	6.3	0	0	1	8	22	0	0	1	9	21	0	6	25	0	2	29	8	0
February	N	N	5	7	6.4	5.1	5.4	4.1	0	1	7	10	10	0	2	15	8	3	0	3	25	0	1	27	10	1
March	S	E-S	2	3	5.6	4.7	4.6	3.7	0	1	13	11	5	0	3	17	8	1	0	2	28	0	0	29	15	1
April	S	E	2	3	4.7	4.2	3.7	3.2	0	4	16	6	2	0	4	18	5	0	0	0	28	0	0	27	14	0
May	S	E/S	2	2	3.4	3.7	2.5	2.6	3	6	16	5	1	0	6	23	1	1	0	0	31	0	0	31	3	0
June	S	S	2	3	2.4	2.9	1.8	2.3	9	7	11	3	0	1	7	22	0	0	0	0	30	0	0	30	1	0
July	S	E	2	2	3.3	3.0	2.6	2.3	4	5	18	3	0	0	11	18	1	0	0	0	30	0	0	30	2	0
August	S	E	3	6	3.2	3.0	2.5	2.3	4	9	14	3	1	2	12	13	3	1	0	0	31	0	0	31	6	0
September	S	E	3	7	4.1	3.3	3.9	3.1	0	4	21	5	0	0	6	23	1	0	0	0	30	0	0	30	1	0
October	E	E	4	7	5.0	2.9	4.8	2.7	0	0	18	13	0	0	15	14	2	0	0	0	31	0	0	31	0	0
November	E	E	3	9	5.2	3.9	5.1	3.7	0	1	16	12	1	0	4	23	3	0	0	0	30	0	0	30	4	0
December	E	E	3	7	5.2	3.8	5.1	3.6	0	0	6	6	1	0	4	6	4	0	1	0	14	0	0	14	7	0
Year	S	E	4	6	4.7	4.0	4.1	3.3	20	38	159	65	43	3	74	193	45	27	1	11	333	0	3	339	71	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 over 6 miles.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT KONDOA 2ND ORDER STATION IN 1950.

Latitude 04° 55'S Longitude 35° 47'E Altitude 4547 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 24hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	862.0	859.6	66.6	84.2	61.2	60.3	90.1	8	60.6	6	83.9	63.1	73.5	20.8	83	49	4.83	1.65	18
February	862.8	860.3	65.9	81.7	60.4	58.6	90.9	11	56.1	10	85.2	62.5	73.9	22.8	83	46	1.56	0.57	15
March	863.0	860.7	65.7	78.1	60.9	59.2	86.0	9,10	59.5	23	81.4	63.0	72.2	18.4	85	53	9.11	2.82	19
April	862.8	861.3	65.5	77.1	60.4	60.7	87.1	5	57.4	26	79.7	61.7	70.7	18.0	84	58	2.53	0.77	12
May	865.0	863.5	62.5	74.0	56.7	57.0	78.8	13	50.4	27	76.3	56.9	67.6	17.4	81	56	1.10	0.75	7
June	866.2	864.4	59.9	75.1	53.5	53.6	84.0	5	48.6	3	77.6	54.8	66.2	22.8	80	47	0.00	0.00	0
July	866.3	864.9	59.2	73.8	52.3	51.5	80.1	11	50.0	19	76.5	54.0	65.3	22.5	78	46	0.00	0.00	0
August	865.3	864.0	60.0	75.6	53.6	53.0	82.9	25	52.2	17	77.9	56.1	67.0	21.8	80	46	0.00	0.00	0
September	866.7	863.9	62.8	79.4	54.6	54.2	86.0	30	54.7	20	81.3	57.8	69.5	23.5	75	42	0.00	0.00	0
October	865.2	861.7	64.8	81.2	56.0	53.7	88.9	23	54.9	2	83.9	59.2	71.5	24.7	74	39	2.82	2.28	25
November	863.6	860.4	68.0	83.5	59.0	59.0	89.1	26	59.0	18	86.1	62.8	74.5	23.3	73	44	0.08	0.05	22
December	863.6	860.7	68.5	81.5	60.4	59.0	90.3	2	59.9	24	85.4	63.1	74.3	22.2	76	47	2.93	1.95	7
Year	864.4	862.9	64.1	78.5	57.4	56.7	90.9	Feb. 11	46.6	June 3	81.3	59.7	70.5	21.5	79	48	24.96	2.82	March 19

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eights) and Frequency of Total Cloud														Frequency of Visibility (3)						No.of days of	
					Total		Low		0830					1430					0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			Knots	Knots																						
January	NE	SE	4	8	5.5	6.0	3.5	5.6	0	6	7	9	9	0	2	6	15	6	0	1	30	0	1	30	12	2
February	NE	NE	7	10	5.0	5.8	2.7	4.9	3	3	7	7	8	0	4	5	12	7	0	0	28	0	0	28	7	0
March	NE	NE	9	10	7.3	6.6	4.8	5.5	0	0	2	10	19	0	0	3	21	6	1	1	29	0	1	29	17	0
April	NE	NE	7	10	6.8	6.2	4.6	5.7	0	1	3	15	11	0	0	9	15	6	0	0	30	0	0	30	12	0
May	NE	NE/SE	6	7	5.9	6.3	4.5	5.1	2	3	4	8	14	1	3	1	12	13	0	1	30	0	0	30	5	0
June	NE	NE/SE	5	8	4.8	5.2	2.8	4.7	2	5	8	10	5	0	5	7	13	4	0	0	30	0	0	29	0	0
July	NE	NE	10	13	5.5	5.5	3.2	4.2	0	7	3	14	7	0	5	5	15	6	0	0	31	0	0	31	0	0
August	NE	NE/SE	9	12	5.7	5.6	4.2	4.2	1	5	3	11	11	0	2	9	19	1	0	0	31	0	0	31	0	0
September	NE	NE	15	12	4.6	4.6	3.4	3.4	0	11	4	9	6	0	6	10	12	2	0	0	30	0	0	30	0	0
October	NE	NE/E	10	10	4.7	4.6	3.3	3.5	0	7	10	7	7	0	5	17	7	2	0	0	31	0	1	30	3	2
November	NE	NE/E	14	10	4.7	4.4	3.4	3.3	0	6	12	8	4	0	2	20	8	0	0	0	30	0	0	30	3	0
December	NE	NE	8	10	4.1	5.4	2.4	3.7	0	6	17	5	3	0	1	16	11	3	0	0	31	0	1	30	11	2
Year	NE	NE	9	10	5.4	5.5	3.6	4.5	6	60	60	113	104	1	35	110	160	56	1	3	361	0	4	358	70	6

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 tha 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 over 6 miles.
(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 1950.

Latitude 10° 00'S Longitude 39° 42'E Altitude 127 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 24hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F.	°F	°F	°F	%	%	ins.	ins.	
January	1006.1	1003.2	78.5	85.2	74.8	77.1	93.3	16	71.0	31	86.5	74.9	81.7	13.6	89	77	3.90	1.18	3
February	1007.1	1004.3	77.9	84.3	74.1	74.8	92.8	7	70.5	12	87.5	74.2	80.9	13.3	88	73	5.54	1.37	17
March	1008.0	1005.1	76.6	84.1	73.9	75.6	89.5	5	71.2	7	87.0	73.3	80.1	13.7	91	76	8.70	1.65	5
April	1008.2	1005.6	76.6	83.3	73.1	74.3	90.0	23	70.8	23,29	87.9	72.9	80.4	15.0	89	75	7.03	1.13	16
May	1011.4	1009.1	73.2	83.2	67.4	67.8	88.8	4, 7	62.5	26	86.1	68.6	77.3	17.4	82	60	0.94	0.28	1
June	1013.5	1010.7	71.1	83.9	64.7	63.6	88.2	21	60.6	8	86.0	65.1	75.5	20.9	80	51	0.14	0.14	14
July	1014.1	1011.7	71.1	81.6	64.5	64.4	88.8	13	61.8	18	85.4	65.0	75.2	20.4	80	57	0.92	0.65	21
August	1013.7	1010.6	72.3	83.2	65.3	63.8	91.4	26	62.4	24	86.6	66.2	76.4	20.5	79	53	0.15	0.09	21
September	1014.2	1011.3	74.4	83.2	66.7	65.9	92.0	10	63.5	6	85.8	67.3	76.5	18.5	77	56	0.04	0.02	25
October	1011.9	1008.3	78.4	83.3	68.7	69.4	93.8	4	66.0	13	86.5	70.2	78.3	16.3	73	63	1.73	1.18	26
November	1009.3	1006.2	80.8	84.7	72.0	71.4	91.8	17	71.7	11	87.7	73.4	80.5	14.3	75	64	0.38	0.30	21
December	1008.4	1005.6	81.2	86.1	74.8	74.2	92.4	23	69.6	24, 25	89.4	74.0	81.7	15.4	81	68	4.93	1.66	24
Year	1010.5	1007.6	76.0	83.8	70.0	70.2	93.8	Oct. 4	60.6	June 8	87.0	70.4	78.7	16.6	82	64	34.40	1.66	Dec. 24

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eights) and Frequency of Total Cloud														Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430					0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			knots	knots																						
January	SW/NW	NE	2	6	6.9	6.3	5.3	4.3	0	0	5	13	13	0	2	4	10	15	1	0	30	0	0	31	16	12
February	SW/NW	NE	2	5	7.0	6.9	4.9	5.1	0	0	4	9	15	0	1	2	14	11	0	0	28	0	0	28	15	14
March	S/SW	NE/N	6	8	6.2	6.4	4.3	4.9	0	1	7	10	13	0	1	6	12	12	0	0	31	0	0	31	22	20
April	S/SW	NE-S	7	8	4.3	5.9	3.6	5.2	0	8	11	9	2	0	0	10	17	3	0	0	30	0	0	30	22	13
May	S	SE/S	10	9	3.5	5.3	3.1	4.9	0	17	5	7	2	0	3	11	13	4	0	0	31	0	0	31	9	0
June	S/SW	SE	9	10	3.4	4.8	3.2	4.3	1	14	7	4	4	0	3	16	8	3	0	0	30	0	0	30	1	0
July	S	NE-SE	8	12	3.1	5.7	2.7	5.3	0	16	6	7	2	0	0	11	17	3	0	0	31	0	0	31	5	0
August	S/SW	NE/SE	9	13	3.3	4.7	2.7	4.3	2	15	5	7	2	0	5	11	13	2	0	0	31	0	0	31	3	1
September	S/SW	NE	9	14	4.1	3.6	3.3	3.2	0	9	9	11	1	0	12	11	7	0	0	0	30	0	0	30	3	0
October	SE-SW	NE/N	6	15	4.0	3.2	3.6	2.5	0	6	16	9	0	0	16	9	6	0	0	0	31	0	0	31	3	1
November	NE/SW	NE	9	14	5.4	3.4	4.9	2.8	0	1	14	12	3	0	16	7	5	2	0	0	30	0	0	30	5	4
December	SE/S	NE/N	6	15	5.7	5.1	3.7	3.1	0	2	8	17	4	0	6	6	12	5	0	0	31	0	0	31	11	14
Year	S/SW	NE	7	12	4.7	5.1	3.8	4.1	3	89	97	115	61	0	67	104	134	60	1	0	364	0	0	365	115	79

Notes: (1) Pressure is given at station level.
(2) Two wind directions separated by a solidus (/) mean that there were these two predominant directions; two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = Visibility less than 1100 yards; Mist or Haze = Visibility 1100 yards to 6 miles; Good = Visibility over 6½ miles.
(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 1950.

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	0630	1430	Total	Max.Fall in 24hrs.	Date
	mb.	mb.	oF	oF	oF	oF	oF		oF		oF	oF	oF	oF	%	%	ins.	ins.	
January	-	-	60.4	69.3	52.6	50.6	76.2	15	48.0	9	73.2	51.5	62.3	21.6	76	52	-	-	-
February	-	-	60.8	69.5	52.7	51.1	76.2	15	48.0	9	73.7	51.2	62.5	22.4	75	53	-	-	-
March	-	-	59.2	68.4	-	-	75.5	4, 8	47.0	3	71.1	54.2	62.7	16.9	-	-	-	-	-
April	-	-	57.9	65.1	55.1	57.5	71.5	5	51.0	4	68.0	54.9	61.5	13.0	91	77	6.92	1.56	12
May	-	-	55.8	63.7	53.2	55.4	69.5	15	45.0	28	65.9	52.4	59.1	13.5	91	75	3.97	0.98	1
June	-	-	54.1	62.9	51.0	52.8	69.5	12	46.0	3	65.1	49.7	57.4	15.3	90	70	0.71	0.26	16
July	-	-	53.0	62.9	48.8	49.2	68.5	7,11	44.0	2,21	64.8	47.5	56.1	17.3	86	62	0.00	0.00	0
August	-	-	53.2	64.4	49.2	48.5	69.5	15,25	45.0	16	66.5	48.9	57.7	17.5	86	57	2.11	0.95	27
September	-	-	55.3	67.3	50.1	48.0	73.0	17,18	46.5	9	69.5	50.1	59.8	19.4	83	50	0.00	0.00	0
October	-	-	58.4	70.0	50.0	45.7	78.5	23	46.5	2,12	72.5	50.0	61.3	22.5	74	44	3.66	1.56	23
November	-	-	58.7	69.8	52.6	50.4	76.2	26	49.0	often	72.1	51.6	61.9	20.4	81	50	0.64	0.15	15,29
December	-	-	60.4	70.8	52.5	49.7	77.5	3	42.5	1	73.1	51.6	62.3	21.6	76	48	4.17	2.07	6
Year	-	-	57.3	67.0	-	-	78.5	Oct. 23	42.5	Dec. 1	69.6	51.1	60.4	18.5	-	-	-	-	-

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eights) and Frequency of Total Cloud														Frequency of Visibility (3)						No.of days of	
					Total		Low		0830					1430					0830			1430			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	14	17	4.2	4.0	2.5	2.5	3	5	13	7	3	1	4	19	6	1	0	0	31	0	0	31	-	0
February	NE/E	NE/E	14	16	3.9	3.9	2.1	2.6	3	5	13	5	2	1	4	16	5	1	0	0	28	0	0	27	-	0
March	NE	NE	10	11	6.5	6.0	4.6	3.5	0	2	5	8	16	0	2	10	11	6	4	1	26	0	0	31	-	3
April	NE	NE	11	11	7.5	6.6	6.4	4.9	0	0	1	11	18	0	1	3	16	10	6	3	21	1	0	29	14	0
May	NE	NE	8	9	7.5	6.4	7.0	4.6	0	1	1	6	23	0	0	6	15	8	6	4	21	0	0	31	14	0
June	NE	NE	9	9	6.7	6.4	4.8	4.3	1	3	2	5	19	0	1	9	7	13	3	6	21	0	0	30	6	1
July	NE	NE	11	11	7.3	6.5	6.0	3.1	0	0	3	5	22	0	2	6	9	13	0	0	30	0	0	30	0	0
August	NE	NE	10	10	7.3	6.0	5.8	3.0	1	0	2	6	22	0	1	10	8	11	1	8	22	0	0	30	9	0
September	NE	E	12	13	6.8	5.9	5.7	2.7	0	2	4	5	19	0	1	10	11	8	0	5	25	0	0	30	0	0
October	NE	E	12	12	6.4	5.7	3.9	3.1	0	2	4	13	12	0	1	13	6	9	1	2	26	0	0	31	6	1
November	NE	NE	10	10	6.9	6.3	5.0	3.1	0	1	4	10	15	0	1	9	7	13	5	0	25	0	0	30	7	1
December	NE	NE	11	10	6.0	5.8	3.3	2.9	1	1	9	8	9	0	2	9	6	9	1	1	24	0	0	26	5	0
Year	NE	NE	11	12	6.4	5.8	4.7	3.3	9	22	61	67	160	2	20	122	109	104	27	30	302	1	0	356	-	6

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 over 6¼ miles.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT LYAMUNGU, MOSHI IN 1950.

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

Month	Atmospheric Pressure (1) 0830 mb.	Atmospheric Pressure (1) 1430 mb.	Temperature Dry Bulb 0830 F	Temperature Dry Bulb 1430 F	Temperature Dew Point 0830 F	Temperature Dew Point 1430 F	Extremes of Temperature Max. F	Date	Min. F	Date	Mean Max. F	Mean Min. F	Max. + Min / 2 F	Mean Range F	Relative Humidity 0830 %	Relative Humidity 1430 %	Rainfall Total ins.	Max. Fall in 24hrs. ins.	Date
January	-	-	68.4	81.0	60.4	60.5	88.2	27	53.6	6	84.7	57.8	71.3	27.0	76	50	1.96	0.81	1
February	-	-	66.5	81.5	59.4	59.8	89.8	3, 5	52.9	2	84.7	57.3	71.0	27.4	76	48	2.13	2.14	5
March	-	-	65.9	75.5	62.1	63.5	86.0	1, 7	54.1	3	79.7	60.1	69.9	19.7	87	67	7.37	1.70	17
April	-	-	64.8	72.6	62.6	64.9	82.2	3	55.0	27	75.1	59.9	67.5	15.3	93	77	17.83	4.30	12
May	-	-	60.9	68.4	59.6	61.1	73.4	1, 14	54.1	27	69.8	58.5	64.1	11.3	96	76	25.65	8.10	6
June	-	-	59.7	67.1	57.3	58.1	73.4	13,25	51.2	14	66.9	56.5	62.7	12.3	92	73	5.55	1.35	10
July	-	-	58.1	66.9	55.9	56.5	72.0	5	50.4	21	66.6	55.2	61.9	13.5	93	70	2.34	0.44	4
August	-	-	58.9	68.2	56.4	57.1	73.8	28	48.6	18	70.1	56.0	63.1	14.0	92	68	1.81	0.66	31
September	-	-	60.3	71.9	57.3	57.4	83.5	29	48.6	24	73.7	55.1	64.4	18.5	90	61	2.05	0.51	26
October	-	-	64.2	77.3	58.2	57.9	84.2	26	47.7	12	79.3	54.2	66.7	25.1	81	52	0.60	0.45	7
November	-	-	66.5	79.0	60.2	59.3	86.0	14,27	51.8	16,18	81.7	55.4	68.5	26.4	80	51	0.87	0.45	3
December	-	-	67.5	79.0	60.3	60.3	88.2	27	53.8	1,25	83.2	56.6	69.9	26.6	78	53	0.79	0.63	4
Year	-	-	63.5	74.0	59.1	59.7	89.8	Feb. 3, 5	47.7	Oct. 12	76.6	56.9	66.7	19.7	86	62	69.95	8.10	May 6

Month	Prevailing Wind Direction (2) 0830	Prevailing Wind Direction (2) 1430	Mean Wind Speed 0830 Knots	Mean Wind Speed 1430 Knots	Cloud Amount (eights) and Frequency of Total Cloud: Total 0830	Total 1430	Low 0830	Low 1430	0830: 0	1-2	3-5	6-7	8	1430: 0	1-2	3-5	6-7	8	Frequency of Visibility (3) 0830: Fog	Mist or Haze	Good	1430: Fog	Mist or Haze	Good	No. of days of Rain (4)	Thunder
January	NE-SE	SE/S	2	4	2.6	5.4	2.3	5.1	5	17	1	6	2	0	2	13	14	2	0	0	31	0	0	31	9	3
February	NE/SE	SE/S	2	5	2.5	5.3	2.0	5.1	3	16	3	5	1	0	1	14	11	2	0	0	28	0	0	28	5	2
March	SE	SE	1	4	6.5	6.7	6.3	6.1	0	3	4	9	15	0	0	4	21	6	0	3	28	0	0	31	21	2
April	SE	SE/S	2	4	6.8	6.7	6.7	6.5	0	0	8	6	16	0	1	3	20	6	6	3	19	2	0	28	25	0
May	SE	SE	3	3	7.7	7.0	7.7	6.9	0	1	0	1	29	0	1	4	8	18	11	4	16	1	0	30	28	0
June	SE	SE	2	3	7.3	6.4	7.1	5.8	0	1	3	4	22	0	1	7	13	9	2	3	25	0	0	30	20	0
July	E/SE	SE	3	5	7.3	6.7	7.3	6.5	0	0	4	5	22	0	1	6	13	11	2	3	26	0	0	31	17	0
August	SE	SE	3	6	7.9	6.8	7.5	6.7	0	2	0	2	26	0	1	2	20	6	3	3	24	0	0	31	16	0
September	SE	SE	3	5	6.7	6.1	6.3	5.7	0	2	5	2	21	0	1	7	16	6	2	5	23	0	0	30	12	0
October	SE	SE/S	2	5	4.5	3.9	4.4	3.8	1	7	11	6	6	0	11	9	8	3	1	0	30	0	0	31	3	2
November	NE-SE	SE	2	5	4.4	5.2	4.0	5.1	1	5	13	7	4	0	1	16	9	3	0	0	30	0	0	29	10	3
December	E	SE	1	4	4.1	5.8	3.4	5.5	3	9	6	6	7	0	2	10	13	6	0	0	31	0	0	31	6	3
Year	SE	SE	2	4	5.7	6.0	5.4	5.7	13	63	58	59	171	0	23	95	166	80	29	24	31	3	0	361	172	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 over 6½ miles.
(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 1950.

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														
	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 24hrs.	Date
	mb.	mb.	F	F	F	F	F		F		F	F		F	%	%	ins.	ins.	
January	-	-	82.5	86.7	75.5	75.7	89.8	30	71.5	10	88.0	76.8	82.4	11.2	80	70	1.13	0.88	9
February	-	-	81.2	85.2	74.9	74.7	89.0	3, 7	71.5	13	86.8	75.5	81.1	11.3	81	71	4.36	1.35	15
March	-	-	79.7	81.5	76.1	76.1	88.4	23	72.0	19	83.5	75.4	79.5	8.1	89	84	22.59	5.05	18
April	-	-	79.2	80.2	75.1	74.4	87.9	2	71.3	17	83.3	74.2	78.7	9.1	88	83	21.40	3.64	9
May	-	-	77.4	80.8	70.0	70.9	85.7	5	70.2	28	82.1	73.4	77.7	8.7	78	73	10.85	1.93	5
June	-	-	75.8	79.9	69.5	68.0	82.0	10,30	69.8	3	80.7	71.8	76.3	8.9	81	67	1.74	0.47	28
July	-	-	75.6	79.8	67.9	67.4	82.5	6	66.5	19	80.9	70.5	75.7	10.4	77	66	1.09	0.65	16
August	-	-	76.1	79.3	68.2	67.3	82.4	11,12	68.0	21,23	80.6	70.7	75.7	9.9	77	67	2.25	0.85	21
September	-	-	76.9	81.6	68.3	67.2	86.0	27	68.0	5	82.8	70.2	76.5	12.6	75	62	0.12	0.12	21
October	-	-	79.0	82.0	70.2	69.5	86.0	14	69.4	13	83.8	71.5	77.7	12.3	75	66	2.05	1.65	23
November	-	-	81.1	83.3	73.1	72.6	88.0	7, 8	70.0	23	85.3	73.0	79.1	12.3	77	70	6.71	1.88	28
December	-	-	82.5	84.1	75.0	73.7	89.0	4,31	69.6	7	86.1	75.8	80.5	11.1	78	71	4.98	1.55	6
Year	-	-	78.9	82.0	72.0	71.5	89.8	Jan. 30	66.5	July 9	83.7	73.2	78.4	10.5	80	71	79.27	5.05	March 18

Month	Prevailing Wind Direction (1)		Mean Wind Speed		Cloud Amount (eights) and Frequency of Total Cloud														Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430					0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			Knots	Knots																						
January	N	N	7	9	5.6	3.3	4.0	2.0	0	1	12	16	2	0	18	7	5	1	0	0	31	0	0	31	3	1
February	N	N	5	7	5.6	3.7	4.1	2.4	0	0	14	5	9	0	14	6	7	1	0	0	28	0	0	28	8	0
March	S	S	2	3	6.5	6.7	4.9	4.6	0	0	10	9	12	0	0	7	5	11	0	0	31	0	0	23	22	0
April	S	S	4	5	5.4	5.9	4.2	3.6	0	2	14	9	5	0	1	12	11	6	0	6	24	0	4	26	19	1
May	S	S	6	8	4.9	4.9	3.4	3.1	1	4	12	11	3	0	7	8	14	2	0	2	29	0	0	31	12	2
June	S	S	6	7	5.2	3.8	4.3	3.1	0	2	14	12	2	0	7	18	4	1	0	1	29	0	0	30	6	0
July	S	SE/S	5	7	4.6	4.2	3.6	3.3	0	3	17	11	0	0	3	23	5	0	0	0	31	0	0	31	2	0
August	S	S	8	9	4.7	3.9	3.9	3.2	0	3	16	10	2	0	8	18	5	0	0	1	30	0	0	31	5	0
September	S	SE	6	7	3.1	3.5	3.6	2.9	0	5	20	5	0	0	7	21	2	0	0	0	30	0	0	30	1	0
October	N	NE/N	5	6	4.3	3.7	3.8	3.3	0	3	23	5	0	1	5	19	6	0	0	0	31	0	0	31	3	0
November	N	N	4	6	4.2	3.9	3.6	3.0	0	3	23	3	1	0	3	22	5	0	0	0	30	0	1	29	9	0
December	N	N	4	5	4.3	3.6	3.0	2.8	0	4	20	7	0	0	6	22	3	0	0	0	31	0	0	31	8	1
Year	S/N	S/N	5	7	4.9	4.3	3.9	3.1	1	30	195	103	36	1	79	183	72	22	0	10	355	0	5	352	98	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 over 6½ miles.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

Latitude 08° 56'S Longitude 33° 28'E Altitude 5696 feet Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Dry Bulb		Dew Point														
	0630	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. / 2	Mean Range	0630	1430	Total	Max. Fall in 24hrs.	Date
	mb.	mb	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	828.0	825.7	62.0	69.8	57.8	59.0	78.0	10	54.0	31	72.7	57.9	65.3	14.7	86	69	12.33	1.87	12
February	828.8	826.9	62.2	68.0	57.4	58.5	77.8	2	54.0	4	72.3	57.6	64.9	14.7	84	72	6.30	1.46	5
March	828.8	826.8	62.1	70.1	57.8	60.2	77.8	3	53.8	3	72.5	57.5	65.0	15.1	86	71	9.09	2.09	10
April	828.6	827.3	62.7	68.1	56.8	60.1	75.0	5	51.2	30	72.5	54.8	63.7	17.7	81	76	7.02	1.10	21
May	830.1	829.0	59.3	67.1	52.7	55.6	74.9	4, 14	42.6	29	69.3	51.4	60.3	17.9	79	67	0.12	0.08	19
June	830.9	829.9	55.0	67.7	47.4	51.5	71.8	13,23	39.8	13	68.9	44.7	56.8	24.2	76	56	0.00	0.00	0
July	830.9	829.7	54.6	67.9	47.1	51.8	74.8	7	40.6	14	69.3	45.8	57.5	23.6	76	57	0.21	0.13	22
August	830.6	829.0	57.2	68.1	46.1	50.7	77.4	28	41.8	14	70.2	46.2	59.2	22.0	72	53	0.07	0.07	21
September	831.0	828.9	61.0	74.3	46.9	49.1	83.2	30	45.5	16	76.4	51.3	63.9	25.0	64	41	0.02	0.02	5
October	829.9	827.3	63.8	73.9	51.0	51.5	86.4	1	50.2	9	77.1	54.6	65.9	22.5	64	46	1.59	0.75	27
November	828.5	826.5	65.7	71.6	55.0	55.6	81.6	6	52.0	26	77.0	55.6	66.3	21.4	69	57	3.20	1.62	6
December	828.9	826.8	64.0	71.0	58.2	58.6	81.1	15	53.7	21	75.4	56.3	65.9	19.1	82	66	4.34	1.39	29
Year	829.6	827.8	60.8	69.6	53.2	55.2	86.4	Oct. 1	39.8	June 13	72.6	53.0	62.9	19.6	77	61	44.29	2.09	March 10

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eights) and Frequency of Total Cloud																	No. of days of	
					Total		Low		0630					1430									
	0830	1430	0630	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			Knots	Knots																						
January	E/W	W	4	9	7.3	7.0	4.7	5.6	0	1	1	2	27	0	0	3	12	16	0	6	25	0	1	30	20	17
February	E/SW	E/W	6	9	7.1	6.9	3.5	5.6	0	0	4	3	21	0	0	5	10	13	0	0	28	0	3	25	20	21
March	E	E/W	7	11	6.4	6.1	4.3	5.3	0	2	4	6	19	0	3	4	10	14	0	1	30	0	0	31	16	13
April	E	E/SW	6	7	4.9	6.7	2.9	5.8	0	6	11	7	6	0	0	4	12	14	0	0	30	0	4	26	19	17
May	E/SE	S	4	9	4.3	5.4	2.7	4.9	0	12	5	7	7	0	4	10	10	7	0	0	31	0	0	31	3	3
June	ENE/S	S	4	9	1.6	3.0	1.1	2.7	0	25	4	1	0	0	12	16	2	0	0	0	30	0	0	30	0	0
July	E	S	3	6	3.5	4.0	1.5	2.9	0	16	5	3	7	0	10	13	5	3	0	0	31	0	0	31	2	0
August	E-S	S	4	11	3.6	4.5	2.3	3.8	0	15	6	5	5	0	5	16	7	3	0	0	31	0	0	31	1	0
September	E	E/S	9	9	3.6	5.6	1.5	4.7	3	13	3	3	8	0	5	5	12	8	0	0	30	0	0	30	1	3
October	E	E-S	8	7	5.7	6.3	1.6	4.3	0	4	8	7	12	0	1	7	10	13	0	0	31	0	0	31	8	8
November	E	E-S	7	6	5.9	7.3	1.3	5.6	0	1	10	9	10	0	0	2	8	20	0	0	30	0	0	30	14	23
December	E/SE	E/SE	5	5	6.0	7.2	1.8	5.0	0	4	6	4	17	0	0	2	12	17	0	0	31	0	0	31	15	18
Year	E	E-S	6	8	5.0	5.8	2.4	4.7	3	99	67	57	139	0	40	87	110	126	0	7	356	0	8	357	119	123

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 over 6½ miles.
(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 1950.

Latitude 03° 52S 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														
	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 24hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	64.4	72.2	57.9	57.7	80.0	8	51.0	9	75.6	56.4	66.0	19.2	80	61	7.74	1.95	10
February	-	-	64.5	75.0	57.2	56.0	81.0	10	48.5	10	77.6	55.9	66.7	21.8	77	52	1.63	0.70	15
March	-	-	61.9	71.3	58.5	57.9	79.0	8	53.0	23	74.4	58.2	66.3	16.2	89	63	14.91	3.26	9
April	-	-	60.7	70.0	58.0	59.0	75.0	6	55.5	10,29	71.0	57.8	64.4	13.2	91	66	7.18	1.99	16
May	-	-	57.4	66.7	54.9	57.1	71.0	14	49.0	29	67.9	54.5	61.2	13.4	92	72	3.24	1.13	7
June	-	-	55.1	64.7	52.2	53.6	70.5	18	48.0	3	66.7	51.7	59.2	15.1	90	68	0.00	0.00	0
July	-	-	54.1	65.2	50.9	52.2	69.0	often	47.0	5,11	66.6	51.0	58.8	15.6	89	63	0.00	0.00	0
August	-	-	54.4	67.0	51.2	52.7	72.0	14,30	47.0	18	68.6	51.9	60.3	16.7	90	60	0.01	0.01	31
September	-	-	57.3	70.2	51.6	51.3	76.0	29,30	50.0	10	72.9	53.1	63.0	19.9	82	51	0.33	0.33	25
October	-	-	59.9	74.1	53.3	52.0	79.0	2, 23	52.0	often	76.3	54.9	65.5	21.4	79	46	2.52	1.24	25
November	-	-	61.5	75.1	56.0	53.9	79.0	often	52.0	8	77.1	56.9	67.0	20.2	82	48	1.32	0.90	22
December	-	-	63.5	75.4	56.6	55.9	81.0	27,30	53.0	11	77.0	57.8	67.4	19.2	79	51	2.64	1.03	6
Year	-	-	59.5	70.6	54.9	54.9	81.0	Feb.10 Dec.27,30	47.0	Jul.5,11 Aug.18	72.6	55.0	63.8	17.7	85	59	41.12	3.26	March 9

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eights) and frequency of Total Cloud														Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430					0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			Knots	Knots																						
January	SE	E	4	7	5.0	5.0	5.0	5.0	2	2	12	7	6	0	4	14	8	5	0	0	31	0	0	31	20	9
February	SE	E/SE	5	8	4.3	4.7	4.2	4.7	5	5	4	10	4	0	3	15	8	2	0	1	27	0	0	28	5	5
March	SE	E/SE	7	9	7.1	5.4	7.1	5.4	0	0	3	12	16	0	0	19	8	4	0	5	26	0	0	31	20	5
April	SE	E/SE	9	13	7.2	5.3	7.2	5.3	0	0	4	9	17	0	0	17	12	1	0	7	23	0	0	30	18	2
May	SE	E/SE	12	12	7.6	5.9	7.6	5.8	0	1	0	5	25	0	2	10	13	6	1	8	22	0	0	31	12	0
June	SE	E/SE	13	14	7.4	4.3	7.4	4.3	0	0	3	7	20	0	3	23	2	2	0	3	27	0	0	30	0	0
July	SE	E/SE	13	15	7.9	4.7	7.9	4.7	0	0	0	3	28	0	0	25	5	1	0	1	30	0	0	31	0	0
August	SE	E/SE	13	15	7.3	4.5	7.3	4.5	0	2	1	5	23	0	2	22	7	0	0	11	20	0	0	31	1	0
September	SE	SE	14	15	6.9	3.7	6.9	3.7	1	1	3	5	19	0	7	19	3	0	0	1	28	0	0	29	1	0
October	SE	E/SE	13	14	5.8	3.4	5.8	3.4	2	3	5	8	12	0	9	18	2	0	0	0	30	0	0	29	4	2
November	SE	E/SE	13	13	6.7	4.0	6.7	4.0	0	0	3	17	10	0	1	29	0	0	0	0	30	0	0	30	7	0
December	SE	SE	9	12	5.7	4.1	5.7	4.1	0	3	8	12	8	0	4	23	4	0	0	0	31	0	0	31	6	0
Year	SE	E/SE	10	12	6.6	4.6	6.6	4.6	10	17	46	100	190	0	35	234	72	21	1	37	325	0	0	362	94	23

Notes: (1) Pressure is given at station level.
(2) Two 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 over 6¼ miles.
(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 1950.

Latitude 06° 57'S Longitude 37° 40'E Altitude 1900 feet Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Dry Bulb		Dew Point														
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. / 2	Mean Range	0830	1430	Total	Max. Fall in 24 hrs.	Date
	mb	mb	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	75.9	87.2	70.0	70.8	93.5	16	67.2	31	89.4	70.6	80.0	18.6	82	58	3.40	0.77	2
February	-	-	75.5	86.7	69.9	70.0	93.7	1	66.2	1	88.6	69.9	79.3	18.7	83	58	3.93	1.95	5
March	-	-	74.2	83.0	71.5	71.8	91.8	31	65.0	31	85.9	68.6	77.3	17.3	91	69	8.66	1.53	21
April	-	-	73.5	82.5	71.3	71.6	89.0	3	64.5	27	84.6	68.1	76.3	16.5	93	70	8.61	1.40	9
May	-	-	70.8	79.8	67.7	68.1	85.9	12	57.0	30	81.8	64.9	73.3	16.9	90	68	3.65	1.51	20
June	-	-	67.2	79.3	63.3	62.2	84.3	13	54.0	23	80.9	59.6	70.3	21.3	87	56	0.35	0.14	3
July	-	-	65.8	77.9	62.5	60.6	84.0	3	54.0	28	80.0	59.3	69.7	20.7	90	56	0.34	0.06	21
August	-	-	67.9	80.1	62.9	60.1	86.5	30	53.6	14	81.9	60.6	71.3	21.4	85	51	0.24	0.05	1,17,29
September	-	-	69.5	83.0	64.2	61.0	89.0	28	56.0	14	84.5	60.9	72.7	23.7	83	48	0.93	0.72	2
October	-	-	72.2	85.0	65.9	62.7	91.3	31	59.0	2	87.3	64.3	75.8	23.0	81	46	1.46	0.83	25
November	-	-	75.8	88.1	67.4	64.0	93.0	28	63.5	6	89.6	66.6	78.1	23.0	75	45	1.23	1.00	29
December	-	-	76.2	86.3	69.3	68.0	92.1	23	64.0	20	89.0	69.3	79.1	19.7	79	55	1.22	0.46	7
Year	-	-	72.0	83.2	67.2	65.9	93.7	Feb. 1	53.6	Aug. 14	85.3	65.2	75.3	20.1	85	57	34.24	1.95	Feb. 5

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eights) and Frequency of Total Cloud															Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430						0830			1430			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	2	3	6.0	5.5	5.3	4.7	0	1	13	7	10	0	0	18	11	2	0	1	30	0	1	30	12	19
February	NE	NE/SE	1	2	6.2	5.5	5.5	4.6	0	1	9	9	9	0	1	13	12	2	0	1	27	0	0	28	8	14
March	Calm	N	0	2	6.6	6.8	6.0	6.4	0	0	8	10	13	0	0	6	11	14	0	1	30	1	2	28	22	17
April	Calm	NE	0	1	6.8	7.0	6.2	6.5	0	0	8	8	14	0	0	3	15	12	0	3	27	0	2	28	21	8
May	NE/NW	SW/NW	1	1	6.0	6.7	5.3	5.9	0	2	8	11	10	0	0	3	21	7	0	3	28	0	0	31	17	1
June	NE	SE	1	2	4.8	6.3	3.8	5.3	1	3	15	8	3	0	0	6	22	2	0	0	30	0	0	30	6	0
July	Calm	SE	0	2	5.6	6.3	5.0	5.5	0	0	16	9	6	0	0	9	16	6	0	2	29	0	0	31	8	0
August	SW/NW	SE	1	3	5.4	5.9	4.7	4.9	1	1	16	6	6	0	0	12	17	1	0	2	28	0	0	30	7	0
September	Calm	SE	0	2	5.9	5.4	5.0	4.4	0	0	13	13	4	0	0	20	9	1	0	1	29	0	0	30	7	0
October	NE	SE	1	3	6.2	4.6	5.3	3.8	0	0	11	16	4	0	0	26	5	0	0	1	30	0	0	31	7	2
November	NE	NE/SE	1	2	5.4	5.2	4.4	4.2	0	0	20	10	0	0	0	23	6	1	0	0	30	0	0	30	6	10
December	NE	NE/SE	1	2	5.8	5.6	4.9	4.9	0	0	14	14	3	0	0	17	11	3	0	0	31	0	1	30	11	15
Year	NE	SE	1	2	5.9	5.9	5.1	5.1	2	8	151	121	62	0	1	156	156	51	0	15	349	1	6	357	132	86

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 over 6½ miles.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

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

Latitude 03° 21'S Longitude 37° 20'E Altitude 2666 feet Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure		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 24hrs.	Date
	mb	mb	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	73.5	90.1	61.9	59.0	96.4	11	61.0	6	92.7	64.2	78.5	28.5	67	35	0.34	0.14	1
February	-	-	72.8	90.1	62.1	59.0	96.5	8	61.0	25	93.1	64.9	79.0	28.2	69	36	1.37	0.66	14
March	-	-	72.0	85.2	65.3	63.5	94.4	1	62.1	6	87.5	66.8	77.1	20.7	79	49	8.61	2.52	15
April	-	-	70.3	81.3	66.3	67.6	87.7	8	61.6	27	82.5	65.9	74.2	16.6	88	63	8.01	2.02	10
May	-	-	66.6	75.8	63.0	64.3	81.8	13	56.6	29	77.7	63.6	70.7	14.1	89	68	10.07	2.90	7
June	-	-	65.5	75.3	60.5	59.2	81.5	25	55.2	23	76.7	61.2	68.9	15.5	84	58	0.67	0.27	29
July	-	-	64.0	74.7	59.0	57.3	78.9	5,13	53.5	21	76.4	59.8	68.1	16.6	83	55	0.71	0.41	22
August	-	-	64.6	76.4	59.4	57.5	81.8	16,25	49.0	17	78.4	60.0	69.2	18.4	83	52	1.04	0.39	31
September	-	-	66.5	80.5	59.6	57.4	88.8	29	53.4	9	82.1	60.1	71.1	22.0	79	46	0.33	0.16	12
October	-	-	70.5	86.2	60.4	56.2	92.0	23	54.0	12	86.1	60.5	74.3	27.6	71	36	0.09	0.07	7
November	-	-	72.7	88.4	62.6	57.2	93.4	27	58.5	18	90.8	63.1	76.9	27.7	71	35	0.45	0.24	3
December	-	-	72.6	87.1	63.3	61.5	94.7	28	60.6	29	90.5	63.6	77.1	27.0	72	42	2.44	1.47	4
Year	-	-	69.3	82.6	61.9	60.0	96.5	Feb. 8	49.0	Aug. 17	84.7	62.8	73.8	21.9	78	48	34.13	2.52	March 15

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eights) and Frequency of Total Cloud														Frequency of Visibility (3)						No.of days of	
					Total		Low		0830					1430					0830			1430			Rain (4)	Thunder
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good		
			Knots	Knots																						
January	SE-NW	ENE-SSW	3	9	3.5	5.3	2.7	4.3	0	17	3	6	5	0	1	15	13	2	0	0	31	0	0	31	4	4
February	W-N	NE-SW	4	6	3.6	5.2	2.5	4.3	2	13	3	6	4	0	1	15	9	3	0	0	28	0	0	28	6	11
March	E-SSE	NE-SE	4	6	6.3	6.4	5.8	5.5	0	0	7	8	16	0	0	3	17	11	0	0	31	0	0	31	17	6
April	NE-SSE	NNE-SE	3	4	7.0	5.9	6.9	5.4	0	0	1	5	24	0	0	11	13	6	0	0	30	0	0	30	19	0
May	NE	NE-SE	3	5	7.3	6.4	7.2	6.1	0	0	1	2	28	0	2	4	13	12	0	3	28	0	0	31	22	0
June	NNE-SSE	NNE-SE	3	5	7.0	6.7	6.9	6.2	0	0	2	7	21	0	1	2	16	11	0	0	30	0	0	30	7	0
July	NNE-SSE	NE	3	5	6.9	6.6	6.6	6.2	0	0	3	3	25	0	1	1	11	16	0	0	31	0	0	31	5	0
August	N-SE	NE-SE	3	6	6.9	6.5	6.8	6.5	0	1	2	2	26	0	0	4	7	20	0	0	31	0	0	31	7	0
September	E-SSE	ENE-SE	4	7	6.5	5.8	6.3	5.4	0	1	3	3	23	0	2	8	10	10	0	0	30	0	0	30	5	1
October	E-SSE	E-SSE	3	7	5.3	4.2	5.0	3.7	0	2	12	9	8	0	7	15	7	2	0	0	31	0	0	31	3	3
November	E-SE	NE-SE	3	8	5.2	4.3	4.9	3.9	0	5	10	10	5	0	0	24	6	0	0	0	30	0	0	30	6	2
December	E-SW	NE-SSE	2	5	4.2	4.9	3.4	4.7	0	10	8	7	6	0	0	21	7	1	0	0	31	0	0	29	5	5
Year	NE-SSE	NE-SSE	3	6	5.8	5.7	5.4	5.2	2	49	55	68	191	0	15	123	129	96	0	3	362	0	0	363	106	34

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 have been used in this table: Fog = Visibility less than 1100 yards; Mist or Haze = Visibility 1100 yards to 6 miles; Good = Visibility over 6½ miles.
(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 1950.

Latitude 06° 20'S Longitude 36° 30'E Altitude 3700 feet Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1) 0830	Atmospheric Pressure (1) 1430	Temperature: Dry Bulb 0830	Dry Bulb 1430	Dew Point 0830	Dew Point 1430	Extremes of Temperature: Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. / 2	Mean Range	Relative Humidity 0830	Relative Humidity 1430	Rainfall: Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	68.1	79.0	63.3	63.1	89.6	6, 9	57.2	31	83.6	61.0	72.4	22.7	85	59	6.56	2.58	3
February	-	-	68.2	80.2	63.3	64.1	90.0	1	55.8	1	84.1	60.3	72.2	23.7	84	59	3.50	1.39	12
March	-	-	68.7	78.2	63.9	63.3	85.3	8	54.3	2	81.6	60.9	71.3	22.4	85	61	3.07	0.91	25
April	-	-	67.9	76.1	63.0	62.6	86.0	5	59.5	27	79.2	63.8	71.5	14.2	85	63	6.18	2.75	17
May	-	-	65.3	73.9	57.9	57.9	79.5	14	59.0	28	75.6	62.4	69.1	13.4	77	57	0.37	0.20	5
June	-	-	64.3	74.6	53.8	52.6	80.2	13	58.5	3	76.3	61.2	68.7	15.1	69	47	0.00	0.00	0
July	-	-	61.6	73.7	54.5	51.1	77.4	22	52.0	4	75.5	58.2	66.9	17.3	77	46	0.00	0.00	0
August	-	-	63.3	75.1	54.5	52.2	82.0	28	52.0	17	77.0	56.5	67.7	16.5	74	45	0.00	0.00	0
September	-	-	65.5	78.1	55.8	52.7	85.3	29	53.1	29	80.6	58.1	69.3	22.5	71	41	0.00	0.00	0
October	-	-	68.8	81.0	57.7	54.8	90.7	24	55.0	11	84.0	59.9	71.9	24.0	68	41	0.46	0.44	26
November	-	-	71.2	83.9	59.5	56.7	90.5	8, 9	57.6	7	86.8	61.3	74.1	25.5	67	40	1.09	0.68	29
December	-	-	70.7	82.3	61.9	59.0	90.0	29	59.1	5,15	85.9	62.4	74.1	23.5	74	46	2.28	0.96	2
Year	-	-	67.0	78.0	59.1	57.5	90.7	Oct. 24	52.0	July 4 Aug. 17	80.9	60.7	70.8	20.2	76	50	23.51	2.75	April 17

Month	Prevailing Wind Direction (2) 0830	Prevailing Wind Direction (2) 1430	Mean Wind Speed 0830	Mean Wind Speed 1430	Cloud Amount (eights) and Frequency of Total Cloud: Total 0830	Total 1430	Low 0830	Low 1430	0830: 0	1-2	3-5	6-7	8	1430: 0	1-2	3-5	6-7	8	Frequency of Visibility (3) 0830: Fog	Mist or Haze	Good	1430: Fog	Mist or Haze	Good	No. of days of Rain (4)	Thunder
			Knots	Knots																						
January	NE/E	SE	2	3	6.0	6.0	0.9	1.1	1	0	9	16	5	0	0	11	16	4	0	0	31	0	0	31	17	0
February	E	SE	2	3	6.1	6.1	1.3	1.3	0	0	6	16	6	0	0	10	17	1	0	0	28	0	0	28	9	0
March	NE/SE	SE	2	3	6.0	6.0	0.8	0.5	0	1	11	10	9	0	0	8	19	4	0	0	31	0	0	31	17	1
April	NE-SE	NE/SE	2	4	6.0	6.0	1.1	1.2	0	2	6	14	8	0	0	10	16	3	0	1	29	0	1	28	14	0
May	NE	NE-SE	3	4	5.2	4.4	0.6	0.0	4	0	9	10	8	6	1	11	12	0	0	0	31	0	0	30	3	0
June	NE/E	SE	3	4	3.1	2.7	0.4	0.1	13	2	2	8	4	13	2	9	4	1	0	0	29	0	2	27	0	0
July	NE/E	SE	3	5	5.6	4.2	1.2	1.8	1	1	6	15	8	3	5	17	6	0	0	0	31	0	0	31	0	0
August	NE-SE	SE	2	4	5.2	4.3	0.9	0.4	3	0	7	14	7	5	4	12	9	1	0	0	31	0	0	31	0	0
September	SE	SE	2	5	4.4	3.3	2.0	1.3	5	3	8	8	6	6	6	9	7	0	0	0	30	0	0	30	0	0
October	SE	SE	2	4	3.1	3.2	0.8	1.2	14	0	5	9	3	10	1	16	4	0	0	0	31	0	0	31	2	1
November	SE	SE	2	5	3.1	4.8	1.0	2.9	8	4	8	7	3	3	3	9	15	0	0	0	30	0	0	30	6	0
December	SE	SE	2	3	3.6	5.7	1.0	2.5	10	0	10	7	4	0	3	8	20	0	0	0	31	0	0	31	8	0
Year	NE/SE	SE	2	4	4.8	4.7	1.0	1.2	59	13	67	134	71	46	27	130	145	14	0	1	363	0	3	359	76	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 over 6½ miles.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT MTWARA POST OFFICE, IN 1950.

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 24hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	•	-
February	-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-		-		-	-	-	-	-	-	-	-	-
April	-	-	79.9	85.7	76.3	77.4	91.5	18	67.0	23	88.6	70.5	79.5	18.1	90	77	7.06	1.62	13
May	-	-	76.5	85.7	70.0	72.9	90.2	6	59.0	23	86.8	65.5	76.1	21.3	81	66	0.71	0.51	1
June	-	-	73.7	85.1	69.5	71.3	88.0	5,17,22	57.0	3	86.1	61.7	73.9	24.4	87	64	0.17	0.09	14
July	-	-	73.5	83.5	69.6	71.8	89.0	16	59.0	6	86.1	64.0	75.1	21.6	88	68	0.21	0.09	25
August	-	-	75.1	81.9	68.9	71.2	91.0	16	66.6	13	86.9	73.6	80.3	13.2	81	71	0.42	0.25	21
September	-	-	78.4	83.5	72.2	74.3	91.0	16	72.5	29	87.2	75.2	81.2	10.8	82	75	0.00	0.00	0
October	-	-	79.9	84.4	74.0	76.2	93.5	4	70.5	6	86.9	74.6	80.8	12.2	83	82	1.09	1.03	25
November	-	-	82.1	84.9	76.3	77.5	93.5	18	69.0	23,24	87.4	72.3	79.9	15.1	83	79	1.44	0.59	27
December	-	-	83.4	86.0	79.0	80.3	90.5	23	70.0	often	88.0	72.8	80.4	15.2	87	84	2.85	1.40	25
Year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eights) and Frequency of Total Cloud															Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430						0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8		Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			Knots	Knots																							
January	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-
April	S	SE	7	7	3.6	5.4	1.9	3.5	1	10	13	6	0	0	0	13	11	1		0	0	30	0	1	24	18	0
May	S	S	15	14	3.4	5.0	2.0	3.5	5	11	4	10	0	0	0	17	7	1		0	0	30	0	0	25	2	0
June	S	S	17	21	3.0	5.1	2.4	4.2	10	8	4	4	4	0	1	14	11	0		0	0	30	0	0	26	3	0
July	S	S	16	21	3.0	5.3	1.9	4.4	10	5	6	5	3	0	0	13	13	0		0	0	31	0	0	26	3	0
August	SE-SW	SE	13	12	3.1	3.2	3.1	3.2	0	8	10	3	0	0	2	16	0	0		0	0	21	0	0	18	4	0
September	NE-SW	NE/SE	7	12	3.6	2.6	3.0	2.5	0	8	14	3	0	0	12	9	1	0		0	0	25	0	0	22	0	0
October	NE	NE-SE	6	9	4.4	2.7	4.0	1.7	0	4	19	5	2	0	15	7	2	0		0	0	30	0	0	24	2	0
November	NE	NE	4	6	3.6	3.1	3.6	3.1	0	7	19	4	0	0	13	12	1	0		0	0	30	0	0	26	5	0
December	NE	NE	3	5	4.1	2.8	4.1	2.8	0	0	29	2	0	0	11	13	0	0		0	0	31	0	0	24	7	0
Year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-

Notes: (1) Pressure is given at station level.
(2) Two wind directions separated by a solious (/) mean that there were these two predominant directions; two directions separated by a hyphen (-) mean that the wind was from between these two directions.
(3) The following definitions are used in this table: Fog = Visibility less than 1100 yards; Mist or Haze = Visibility 1100 yards to 6 miles; Good = Visibility over 6½ miles.
(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 1950.

Latitude 01° 30'S Longitude 33° 40'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. Fall in 24hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	70.0	78.1	-	-	85.3	8,25,29	62.3	17	81.8	65.4	73.6	16.4	-	-	1.86	1.12	1
February	-	-	70.9	79.5	-	-	90.0	26	58.3	5	82.3	65.5	73.9	16.5	-	-	2.11	1.68	4
March	-	-	70.4	76.5	63.7	66.2	93.1	7	61.0	28	81.8	64.6	73.3	17.2	80	66	10.24	3.22	18
April	-	-	70.1	80.3	64.0	64.5	87.1	3	62.0	3	82.3	65.0	73.7	16.9	81	59	7.38	3.00	12
May	-	-	70.2	74.1	63.3	-	89.6	5	60.0	30	82.1	64.3	73.2	17.8	79	-	3.16	1.05	21
June	-	-	69.2	76.5	60.4	63.2	84.8	30	61.0	17	81.7	63.5	72.6	17.7	73	64	1.34	0.86	27
July	-	-	67.9	75.4	58.0	62.7	85.5	9	57.8	17	80.0	61.3	70.7	18.5	71	65	7.12	5.60	16
August	-	-	69.1	76.2	57.9	61.6	86.8	6	59.0	6, 18	81.5	63.5	72.5	18.0	67	61	0.94	0.82	29
September	-	-	70.0	79.6	59.1	61.5	89.5	24	60.5	21	82.5	64.0	73.3	18.4	69	54	0.22	0.22	12
October	-	-	71.0	80.4	61.4	61.8	86.6	2	61.2	4	84.3	64.4	74.3	19.7	72	54	0.69	0.43	3
November	-	-	72.7	81.5	59.7	62.6	94.5	15	62.0	16,23	85.7	64.9	75.3	20.7	64	53	1.60	1.00	17
December	-	-	72.2	79.9	60.4	63.3	89.0	16	62.5	6	83.5	65.9	74.7	17.6	66	57	0.71	0.25	7
Year	-	-	70.3	78.3	-	-	94.5	Nov. 15	57.8	July 17	82.5	64.4	73.4	17.9	-	-	37.57	5.60	July 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		0630					1430						0630			1430				
	0630	1430	0830	1430	0830	1430	0630	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8		Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			knots	knots																							
January	SE	NW	2	9	5.7	5.0	5.5	5.0	0	0	13	11	5	2	0	15	11	1		0	12	17	0	12	17	5	11
February	SE	NW	2	8	6.2	5.2	5.6	5.1	0	0	10	11	6	0	0	16	11	0		0	6	21	0	6	21	4	6
March	SE	NW	4	9	6.2	5.9	5.1	5.0	0	0	11	12	6	0	0	10	15	3		0	7	22	0	7	21	16	10
April	SE	E/SE	2	2	4.9	4.8	3.2	3.7	0	2	14	9	1	0	3	6	9	0		0	0	26	0	0	20	9	5
May	SE	NW	2	2	5.0	5.5	1.9	3.2	0	0	18	9	1	0	0	11	11	1		0	0	28	0	0	23	9	2
June	SE	NW	2	2	4.5	5.3	0.5	0.3	1	2	16	6	0	0	0	11	12	0		0	1	24	0	0	23	3	1
July	SE	NW	2	2	4.1	5.0	1.9	2.6	2	0	24	2	1	0	1	22	5	0		0	0	29	0	0	28	4	1
August	SE	NW	2	2	4.7	4.9	1.1	1.0	0	1	16	6	0	0	0	22	6	0		0	0	27	0	0	28	3	3
September	SE	NW	2	2	5.0	5.1	2.1	2.2	0	0	18	7	1	0	0	23	1	1		0	0	26	0	0	25	1	1
October	SE	NW	2	2	4.6	4.6	2.0	2.2	0	0	21	5	1	0	0	24	1	0		0	0	27	0	0	25	2	4
November	SE	NW	2	2	4.7	5.2	2.7	2.0	0	0	25	4	0	0	0	20	7	0		0	0	29	0	1	26	4	0
December	SE	NW	2	2	5.2	4.6	2.6	2.1	0	1	21	9	0	0	3	24	3	0		0	0	31	0	0	30	6	1
Year	SE	NW	2	4	5.1	5.1	2.9	2.9	3	6	209	93	22	2	7	206	92	6		0	26	307	0	26	287	66	45

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 tha 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 over 6½ miles.
(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 1950.

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	0630	1430	0630	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max.+ Min. 2	Mean Range	0830	1430	Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F.	°F.	°F.	°F.	°F.		°F.		°F.	°F.	°F.	°F	%	%	ins.	ins.	
January	-	-	70.6	78.3	63.7	64.2	87.2	10	61.0	16	81.1	65.4	73.3	15.6	79	62	1.91	0.54	18
February	-	-	70.3	79.6	63.7	64.8	92.0	26	62.0	6	83.0	64.9	73.9	18.1	80	61	2.67	1.20	5
March	-	-	70.3	80.3	63.6	63.4	90.6	2	63.0	3, 31	82.3	65.0	73.7	17.3	80	57	6.22	1.42	14
April	-	-	71.7	79.8	63.3	64.8	87.0	5	-	-	82.5	-	-	-	75	60	5.77	1.50	14
May	-	-	69.5	80.6	61.0	62.6	89.0	6	-	-	82.0	-	-	-	75	55	2.76	0.70	7
June	-	-	68.9	82.0	57.1	59.0	87.0	10,12	56.9	6	83.6	60.7	72.1	22.9	67	46	0.39	0.39	16
July	-	-	67.3	79.9	55.4	58.6	85.0	3	55.0	12	80.2	60.1	70.1	21.9	66	49	3.66	2.03	14
August	-	-	68.6	80.7	56.4	59.1	86.5	22	56.0	25	81.6	61.7	71.7	19.9	66	49	1.04	0.71	26
September	-	-	71.4	82.1	57.6	59.3	86.0	15,23	60.0	23	83.4	63.4	73.4	20.0	62	46	2.24	2.14	21
October	-	-	72.0	80.9	59.4	61.5	87.0	12	61.0	27	82.3	63.6	73.1	18.5	65	52	1.68	0.52	23
November	-	-	74.9	82.2	61.4	60.6	94.0	2	60.0	20	84.9	64.7	74.8	20.3	63	49	1.59	1.15	3
December	-	-	71.8	80.8	63.0	62.7	87.0	18	61.0	2	83.2	65.5	74.3	17.8	74	55	1.94	0.50	2
Year	-	-	70.6	80.6	60.5	61.7	94.0	Nov. 2	-	-	82.5	-		-	71	53	31.89	2.14	Sept. 21

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eights) and Frequency of Total Cloud													Frequency of Visibility (3)						No. of days of	
					Total		Low		0630					1430				0630			1430			Rain (4)	Thunder
	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/SE	W/N	3	6	5.6	5.3	3.4	3.3	2	3	6	7	13	1	5	9	6	10	0	1	30	1	0	30	4	1
February	SE	W	3	3	5.1	4.9	3.6	3.6	3	4	4	10	7	2	4	8	9	5	0	0	28	0	0	28	6	2
March	SE	W	3	6	6.4	5.8	4.1	3.6	0	4	3	9	15	0	2	10	12	7	0	1	30	0	0	31	8	1
April	SE	NW/N	5	6	5.0	6.3	2.4	4.5	0	6	8	12	4	0	0	11	12	7	0	1	29	0	0	30	9	3
May	SE	E	7	5	5.2	5.6	2.6	3.0	3	6	5	7	10	0	5	6	13	7	0	1	30	0	0	31	7	0
June	SE	SE/NW	7	7	3.3	4.4	1.3	1.9	6	7	10	7	0	1	6	13	8	2	0	0	30	0	0	30	1	0
July	SE	NW	6	8	4.7	5.2	1.2	1.6	1	8	9	4	9	1	6	7	12	5	0	1	30	0	0	31	4	2
August	SE	NW	5	9	4.6	5.4	1.5	2.1	1	6	7	11	4	1	4	5	20	1	0	0	31	0	0	31	2	3
September	SE	NW	8	10	4.7	5.2	2.2	2.2	0	6	9	12	1	0	2	12	16	0	0	0	30	0	0	30	2	3
October	SE	NW	8	10	5.3	5.1	3.4	2.7	0	3	14	7	7	0	2	16	11	2	1	0	30	1	0	30	8	8
November	SE	NW	8	10	5.3	5.7	3.3	3.9	0	3	12	12	3	0	0	12	17	1	0	0	30	0	0	30	5	6
December	SE	NW	6	7	5.7	5.2	4.2	3.3	0	1	11	16	3	0	0	19	10	2	0	1	30	0	1	30	10	6
Year	SE	NW	6	7	5.1	5.3	2.8	3.0	16	61	98	114	76	6	36	128	146	49	1	6	358	2	1	362	66	35

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

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT NACHINGWEA IN 1950.

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														
	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 24hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	73.0	87.1	-	-	-	-	-	-	-	-	-	-	-	-	12.07	2.95	12
February	-	-	76.1	83.8	70.2	66.8	93.3	22	65.0	1	68.7	69.0	78.9	19.7	82	57	10.75	2.64	18
March	-	-	76.0	82.4	71.7	72.8	93.0	1, 2	60.0	9	69.2	65.2	77.2	24.1	87	73	6.26	1.00	15
April	-	-	74.2	82.6	70.3	72.0	94.0	1	62.0	29	88.4	65.9	77.1	22.4	86	70	6.70	1.36	12
May	-	-	72.7	80.6	66.4	66.7	93.0	31	56.0	26	83.7	61.6	72.7	21.9	81	63	0.00	0.00	0
June	-	-	67.7	80.1	62.0	60.5	87.0	1	55.0	often	82.2	58.8	70.5	23.4	82	51	0.00	0.00	0
July	-	-	67.7	80.5	62.0	60.6	86.0	10	56.0	20,31	82.6	59.7	71.1	22.9	82	51	0.00	0.00	0
August	-	-	68.3	82.7	61.2	56.2	87.0	28	58.0	23,27	84.5	61.3	72.9	23.2	79	41	0.20	0.12	20
September	-	-	71.8	85.3	62.4	58.2	92.6	23	58.6	20	88.1	62.7	75.4	25.4	73	40	0.00	0.00	0
October	-	-	74.3	87.8	63.7	59.4	96.0	1	59.8	21	90.9	64.8	77.9	26.1	70	39	0.04	0.04	31
November	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.90	3.90	21
December	-	-	76.1	84.9	70.4	69.0	93.4	23	66.0	14	89.0	69.5	79.3	19.4	82	60	2.05	0.39	20,25
Year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43.97	3.90	Nov. 21.

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eights) and Frequency of Total Cloud															Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430						0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8		Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			Knots	Knots																							
January	E.	E/N	13	9	6.5	5.3	6.5	5.3	0	4	3	9	15	0	9	2	9	10		0	0	31	0	0	30	16	2
February	E	E/N	10	9	6.5	5.3	6.5	5.3	0	6	0	2	20	0	10	0	4	13		0	0	28	0	0	27	15	2
March	E	NE/N	4	4	7.3	7.6	7.2	7.6	0	0	4	3	21	0	0	0	9	16		1	1	26	0	1	24	19	3
April	E-S	S	3	3	5.6	6.4	5.6	6.3	3	3	5	5	14	0	0	6	16	7		0	0	30	0	0	29	18	1
May	S	S/SW	6	7	3.8	6.0	3.4	5.8	4	5	12	9	1	0	0	9	19	3		0	0	31	0	0	31	0	0
June	S/SW	S	4	5	2.7	5.5	2.4	5.5	8	10	7	2	3	0	1	10	17	2		0	0	30	0	0	30	0	0
July	S	SE/S	5	7	3.0	6.1	2.5	6.0	5	6	15	4	1	0	0	9	19	3		0	0	31	1	0	30	0	0
August	S	S	5	6	3.1	5.2	2.8	4.9	9	7	7	3	5	0	1	16	12	2		0	0	31	0	1	30	2	1
September	S	S	5	6	3.2	5.6	2.8	5.0	6	6	13	5	0	0	3	5	21	1		0	0	30	0	0	30	0	0
October	NE-S	E/S	4	5	5.0	5.8	4.3	4.5	0	6	8	13	4	1	1	5	21	2		0	0	31	0	0	30	1	0
November	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	6	-
December	NE/N	NE/N	4	4	6.4	6.8	5.4	5.2	0	1	6	15	9	0	0	6	14	11		0	0	31	0	0	31	13	0
Year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	90	-

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 over 6½ miles.
(4) A day of rain is one on which 0.01 inch or more of rain falls.

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT SAO-HILL IN 1950.

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

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Dry Bulb		Dew Point														
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. / 2	Mean Range	0830	1430	Total	Max.Fall in 24 hrs.	Date.
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	60.0	66.8	57.3	57.6	76.8	8	53.0	7,28	71.5	55.7	63.6	15.8	91	72	7.25	2.02	12
February	-	-	59.5	67.9	56.4	57.5	76.0	20	50.0	16	71.7	54.9	63.3	16.8	90	70	6.01	0.83	16
March	-	-	58.7	67.5	56.9	57.7	75.0	1	52.6	12	71.2	55.1	63.1	16.1	94	71	7.26	1.11	29
April	-	-	58.1	66.7	56.1	55.7	75.0	24	50.5	27	69.4	53.8	61.6	15.6	93	68	1.84	0.80	24
May	-	-	53.9	63.5	51.2	51.9	70.5	12	43.0	28	64.8	49.7	57.3	14.5	91	66	1.23	0.52	19
June	-	-	51.5	63.2	48.2	46.1	70.0	22	42.0	22	66.3	46.0	56.1	20.3	89	54	0.08	0.01	often
July	-	-	51.0	62.3	47.6	44.5	70.0	7	43.0	14,15	65.3	45.5	55.4	19.9	90	53	0.02	0.01	9, 23
August	-	-	52.7	64.7	47.6	44.3	76.0	28	42.2	19	67.6	47.1	57.3	20.7	83	48	0.00	0.00	0
September	-	-	56.4	67.7	48.8	45.7	81.0	30	44.0	18	71.8	48.5	60.1	23.4	77	46	1.28	1.22	27
October	-	-	60.3	70.1	50.5	46.6	81.4	1	46.5	8	73.3	51.3	62.3	23.4	71	44	0.77	0.47	15
November	-	-	61.3	67.7	54.5	52.7	78.5	7	51.0	often	75.2	53.2	64.2	22.2	79	59	4.05	0.86	9
December	-	-	61.7	66.3	57.4	55.8	-	-	51.5	23	-	54.2	-	-	86	70	7.49	1.72	22
Year	-	-	57.1	66.2	52.7	51.3	-	-	42.0	June 22	-	51.3	-	-	86	60	37.28	2.02	Jan. 12

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eights) and Frequency of Total Cloud														Frequency of Visibility (3)						No.of days of	
					Total		Low		0830					1430					0830			1430			Rain (4)	Thunder
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good		
			Knots	Knots																						
January	NW	NW	4	5	7.0	6.9	3.3	4.8	0	1	2	13	15	0	0	4	16	10	3	2	26	1	1	28	24	14
February	SE/NW	NW	5	6	6.7	7.0	3.6	5.1	0	3	3	7	15	0	0	2	16	7	3	1	24	0	0	25	20	12
March	SE	SE/NW	6	6	7.5	7.0	5.1	5.7	0	0	1	8	22	0	0	2	19	8	2	2	27	0	0	29	26	4
April	SE	SE	11	8	7.0	5.9	6.0	5.0	0	0	6	7	17	0	0	9	15	3	0	4	26	0	0	27	19	5
May	SE	SE	13	5	6.7	5.6	6.2	4.9	0	0	6	13	12	0	2	9	13	2	0	1	30	0	0	26	13	0
June	SE	SE	9	6	5.8	5.5	4.1	4.0	0	2	8	10	8	0	2	9	6	7	0	0	28	0	0	24	8	0
July	SE	SE	10	7	6.5	5.1	5.1	3.6	0	0	8	16	7	0	2	14	11	2	0	1	30	0	0	29	2	0
August	SE	SE	12	8	5.5	5.3	4.2	3.6	0	4	9	11	7	0	0	18	3	6	0	0	31	0	0	27	0	0
September	E/SE	E/SE	8	5	4.9	5.5	3.3	4.0	0	7	9	11	3	0	3	8	11	4	0	1	29	0	1	25	5	1
October	SE	SE	7	5	6.0	5.8	2.8	4.1	0	0	12	13	6	0	1	12	13	3	0	0	31	0	0	29	3	2
November	SE	SE	5	5	5.6	6.1	3.3	4.3	0	3	10	14	2	0	2	6	13	6	0	0	29	0	0	27	13	12
December	NE-SE	NE-SE	3	4	5.7	6.8	2.7	5.0	0	3	7	17	4	0	0	5	17	8	0	0	31	0	1	29	23	17
Year	SE	SE	8	6	6.2	6.0	4.1	4.5	0	23	81	140	118	0	12	98	153	66	8	12	342	1	3	325	156	67

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 over 6¼ miles.
(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 1950.

Latitude 10° 41'S Longitude 35° 40'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	887.9	885.3	68.3	75.7	64.8	64.5	84.3	31	62.0	31	78.6	64.9	71.9	13.9	69	68	13.78	2.24	8
February	888.9	886.2	67.8	76.9	64.0	64.4	85.6	11	56.9	21	79.3	63.6	71.5	15.7	69	66	8.26	2.17	5
March	889.9	887.3	66.6	75.2	64.2	65.4	83.4	3	61.5	15,17	78.3	63.7	71.0	14.5	92	72	9.78	1.83	13
April	890.2	888.1	66.9	75.0	63.1	63.3	80.7	6	56.9	27	76.7	62.4	69.5	14.4	88	67	3.58	1.38	3
May	892.8	891.1	63.1	70.2	57.2	56.7	79.0	5,6	48.2	28	72.2	57.1	64.7	15.1	82	62	0.65	0.35	17
June	893.9	892.1	60.9	69.8	53.0	51.5	75.0	13	48.8	23	71.9	54.5	63.2	17.3	76	53	0.00	0.00	0
July	894.1	892.5	60.3	70.1	52.9	52.2	78.2	4	50.0	15	71.9	55.0	63.5	16.9	77	53	0.07	0.07	22
August	893.9	892.0	60.5	70.7	52.5	51.6	77.6	15	50.3	3	72.5	55.5	64.0	17.0	75	52	1.31	0.74	29
September	894.0	891.7	63.3	75.4	55.1	52.5	82.5	23	55.0	15	77.5	58.5	68.0	19.0	75	45	0.02	0.02	9
October	891.9	888.5	66.8	79.0	57.0	53.5	86.4	2	56.9	9	81.2	61.2	71.2	20.0	71	42	1.49	1.05	26
November	890.0	887.1	68.1	79.7	61.1	58.1	87.5	26	60.1	17	81.7	63.5	72.6	16.2	79	48	1.70	0.85	16
December	889.7	887.2	68.3	77.4	63.6	63.0	84.8	4	61.9	31	80.1	64.0	72.1	16.0	85	62	7.50	1.45	30
Year	891.4	889.1	65.1	74.6	59.0	58.1	87.5	Nov. 26	48.2	May 28	76.6	60.3	68.6	16.5	81	57	48.14	2.24	Jan. 8

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eights) and Frequency of Total Cloud														Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430					0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			Knots	Knots																						
January	NNE-SE	W	2	3	7.5	7.3	5.5	5.7	0	0	2	6	23	0	0	1	14	16	0	1	30	0	1	30	20	19
February	NNE-SE	W	3	6	6.5	6.9	4.2	5.3	0	2	6	5	15	0	1	1	15	11	0	1	27	0	1	27	16	10
March	E	E	3	4	7.4	7.1	6.4	6.7	0	1	1	7	22	0	0	1	21	9	0	3	28	0	1	30	27	8
April	NE-SE	E-SE	4	5	6.4	6.9	5.8	6.2	0	3	5	12	10	0	0	3	16	9	0	0	30	0	0	30	21	4
May	ESE/SE	E/SE	5	4	5.2	7.0	4.8	7.0	0	7	7	9	8	0	0	1	23	7	0	0	31	0	0	31	7	0
June	SE	SE	5	4	4.2	6.5	3.6	6.5	1	9	8	6	6	0	1	2	24	3	0	0	30	0	0	30	0	0
July	E/SE	E/SE	5	6	5.2	6.6	4.3	6.3	0	5	10	10	6	0	0	4	23	4	0	0	31	0	0	31	1	0
August	SE	SE	6	5	4.9	6.7	4.3	6.7	2	7	4	9	9	0	0	4	21	6	0	0	31	0	0	31	3	0
September	NE-SE	ENE-SE	5	6	4.4	5.6	4.1	5.5	3	7	8	2	10	0	1	14	12	3	0	1	29	0	0	30	1	0
October	NNE/ENE	NE-ESE	7	7	4.3	6.1	3.5	5.5	3	8	6	8	6	0	3	3	22	3	0	0	31	0	0	31	4	5
November	NE	NE/E	6	6	6.1	6.1	5.8	5.8	0	6	2	8	14	0	0	7	20	3	0	0	30	0	0	30	9	13
December	NE	NE-SE	5	6	7.3	6.9	6.7	6.5	0	0	2	10	19	0	0	2	22	7	0	0	31	0	0	31	13	18
Year	NE-SE	NE-SE	5	5	5.6	6.6	4.9	6.1	9	55	61	92	148	0	6	43	235	61	0	6	359	0	3	362	122	77

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 over 6½ miles.
(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 1950.

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

Month	Atmospheric Pressure		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	873.7	871.5	67.1	78.6	62.8	62.6	87.4	8	60.1	30	81.3	63.9	72.6	17.4	86	58	4.21	1.01	20
February	874.9	872.8	66.5	78.9	62.2	62.9	86.6	4	59.7	5	80.9	63.1	72.0	17.8	86	58	5.59	1.28	15
March	874.7	872.3	67.0	77.9	62.5	63.0	86.4	6	59.5	13	80.8	63.7	72.3	17.1	85	61	8.38	1.91	24
April	874.3	872.2	67.5	80.4	61.8	61.9	84.8	5	58.8	29	82.2	62.5	72.3	19.7	82	54	2.05	0.83	7
May	876.2	874.0	65.5	80.6	57.2	57.3	87.2	14	52.1	26	82.2	60.9	71.5	21.3	75	45	1.50	1.38	20
June	877.0	874.7	63.4	80.9	51.5	51.0	84.4	29	52.5	11	82.5	58.3	70.4	24.2	66	35	0.00	0.00	0
July	876.8	874.8	62.6	80.9	49.6	48.9	84.8	7	56.0	20	82.7	58.3	70.5	24.4	63	33	0.00	0.00	0
August	876.7	873.9	64.8	82.3	51.0	49.7	86.5	29	58.2	20	84.5	60.7	72.6	23.8	62	33	0.00	0.00	0
September	877.1	873.9	68.1	85.0	52.7	50.4	91.4	9	60.5	30	87.3	63.2	75.3	24.1	58	30	0.02	0.02	26
October	875.9	872.2	70.3	84.8	55.0	51.9	93.6	2	62.3	9	87.2	64.9	76.1	22.3	61	33	1.98	0.84	26
November	874.8	871.9	72.6	85.6	57.0	54.3	91.2	19	62.6	9,24	87.8	66.1	76.9	21.7	58	34	1.19	0.34	21
December	875.3	872.3	67.3	80.2	62.5	61.1	87.2	18	60.5	3,29	82.7	63.6	73.2	19.1	85	52	9.26	2.99	2
Year	875.6	873.0	66.9	81.3	57.1	56.3	93.6	Oct. 2	52.1	May 26	83.5	62.4	73.0	21.1	72	44	34.18	2.99	Dec. 2

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.															Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430						0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8		Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			knots	knots																							
January	ENE-SE	SSE	6	8	5.6	5.9	2.3	3.5	0	5	7	7	12	0	3	8	11	9		0	5	26	0	0	31	18	16
February	E-S	E-WSW	7	7	5.8	5.2	3.6	3.6	0	1	9	9	9	0	3	9	13	3		0	0	28	0	0	28	13	14
March	E/ESE	NE-ESE	9	10	5.6	5.4	3.0	4.5	0	6	5	9	11	0	1	14	8	8		0	0	31	0	0	31	14	12
April	E/ESE	E/ESE	13	10	3.9	5.1	2.1	4.6	0	12	8	9	1	0	0	16	12	2		0	0	30	0	0	30	9	6
May	ESE	E/ESE	14	10	4.2	4.5	2.1	3.7	0	12	5	11	3	0	7	11	11	2		0	0	31	0	0	31	3	2
June	ESE	SE-S	16	9	1.8	2.8	0.6	2.1	4	19	4	2	1	0	17	9	4	0		0	0	30	0	0	30	0	0
July	E/ESE	E-S	17	10	2.7	3.6	0.1	1.7	2	14	11	4	0	0	11	14	6	0		0	0	31	0	0	31	0	0
August	E-SE	E-S	15	10	2.3	3.6	0.1	2.3	2	18	9	2	0	0	10	14	7	0		0	0	31	0	0	31	0	0
September	E/ESE	E-S	15	7	2.9	4.6	0.5	2.8	4	11	7	5	3	0	7	10	10	3		0	0	30	0	0	30	1	0
October	E/ESE	NE-SE	10	7	3.8	5.1	1.8	3.6	2	9	10	5	5	0	2	17	7	5		0	0	31	0	0	31	7	6
November	E	NE-SSE	8	8	4.3	5.7	1.8	5.1	0	9	10	7	4	0	1	10	15	4		0	0	30	0	0	30	9	11
December	E-SSE	E-SE	5	5	5.8	5.4	3.4	3.9	0	1	11	7	12	0	1	16	10	4		0	0	31	0	0	31	24	16
Year	E/ESE	E-S	11	8	4.1	4.7	1.8	3.5	14	117	96	77	61	0	63	148	114	40		0	5	360	0	0	365	98	83

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidius (/) 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 1950.

Latitude 05°05'S Longitude 39°04'E Altitude 160 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	-	-	83.5	87.5	75.0	76.0	91.0	Often	70.0	16,17	89.7	74.7	82.2	14.9	76	69	0.21	0.21	2
February	-	-	83.4	88.0	74.9	76.0	93.5	9	72.0	12	90.8	75.0	82.9	15.8	76	68	0.05	0.05	1
March	-	-	82.2	88.2	76.8	76.3	93.1	3	71.0	Often	90.0	74.3	82.1	15.7	84	68	5.31	3.34	14
April	-	-	80.6	84.8	76.7	78.0	91.0	6	68.0	13	86.7	72.7	79.7	13.9	88	80	20.47	3.46	22
May	-	-	77.2	83.9	72.3	74.1	89.0	2	69.0	23	84.3	71.7	78.3	13.1	85	73	11.49	2.13	1
June	-	-	76.3	83.0	70.9	71.1	89.0	4	67.0	23	84.6	69.7	77.1	14.9	83	68	1.20	0.33	29,30
July	-	-	74.8	81.3	68.9	68.1	85.0	10	66.0	20	82.1	68.5	75.3	13.6	82	65	3.88	1.03	20
August	-	-	75.0	81.1	70.6	70.8	84.8	30	61.7	28	82.1	67.0	74.5	15.0	86	71	5.35	1.70	19
September	-	-	76.4	82.1	71.6	70.2	86.0	29	65.0	9	83.1	68.0	75.6	15.1	85	68	2.57	0.59	1
October	-	-	78.4	84.0	71.7	69.6	88.5	24	64.0	26	85.0	68.7	76.8	16.3	80	63	3.02	0.86	4
November	-	-	81.7	86.7	74.0	72.4	90.0	Often	69.6	12	87.7	71.9	79.8	15.9	78	63	1.75	0.42	2
December	-	-	82.3	86.9	73.9	74.1	91.1	3	72.0	Often	89.0	73.4	81.2	15.6	76	66	1.43	0.42	17
Year	-	-	79.3	84.8	73.1	73.1	93.5	Feb. 9	61.7	Aug. 28	86.3	71.3	78.8	15.0	81	69	56.73	3.46	April 22

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.															Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430						0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8		Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			knots	knots																							
January	NE/E	E	8	18	2.8	2.4	2.1	1.8	4	10	14	2	1	0	16	15	0	0		0	0	31	0	0	31	1	0
February	NE	E	8	15	3.8	2.4	2.9	2.0	2	7	12	2	5	2	15	8	3	0		0	0	28	0	0	28	1	0
March	W	SE/S	5	12	4.3	3.9	3.5	2.9	0	4	19	6	2	0	3	23	5	0		0	1	30	0	0	31	11	0
April	W	S	6	11	5.2	5.0	3.8	3.7	0	3	13	7	7	0	2	16	7	4		0	1	29	0	1	28	17	0
May	W	S	9	14	5.3	4.8	4.2	3.5	0	3	12	7	9	0	5	15	5	6		0	1	30	0	1	30	14	0
June	W	S	12	17	3.5	4.6	2.2	3.1	0	15	8	5	2	0	6	13	5	6		0	0	30	0	0	30	7	0
July	W	S	7	13	5.1	4.6	3.9	3.1	0	6	11	6	8	0	4	17	8	2		0	2	29	0	0	31	15	0
August	SW-NW	SE-SW	6	10	5.1	4.6	3.9	3.6	0	5	9	14	3	0	8	11	7	5		0	0	31	0	1	30	13	0
September	SW-NW	SE/S	5	10	5.5	4.1	4.6	3.1	0	4	10	8	8	0	10	9	11	0		0	2	28	0	0	30	8	0
October	SW-NW	SE/S	4	10	5.1	2.3	4.2	1.7	0	3	17	8	3	4	16	8	2	1		0	1	30	0	0	31	8	0
November	NW	E/SE	3	10	4.5	2.4	3.8	1.6	0	3	18	8	1	4	11	13	1	1		0	0	30	0	0	30	9	0
December	N	E	5	11	3.9	3.5	2.8	2.7	1	4	20	6	0	2	6	20	1	2		0	0	31	0	0	31	12	0
Year	SW-NW	S	7	13	4.5	3.7	3.5	2.7	7	67	163	79	49	12	102	168	55	27		0	8	357	0	3	361	116	0

Notes: (1) Pressure is given at Station Level.
(2) Two wind directions separated by a solidius (/) 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.