BRITISH EAST AFRICAN METEOROLOGICAL SERVICE.

SUMMARY OF METEOROLOGICAL OBSERVATIONS

IN TANGANYIKA

FOR

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SUMMARY OF METEOROLOGICAL OBSERVATIONS AT AMANI 1946.

Lat.: 5° 06'S Long.: 38° 38'E Alt.: 2989 ft. Standard Time 3h 00m East. Reference Number 95.38/03.

Month	Atmospheric Pressure @ 8.30 h ins.	Atmospheric Pressure @ 14.30 h ins.	Temperature Dry Bulb 8.30 h F.	Temperature Dry Bulb 14.30 h F.	Temperature Dew Point 8.30 h F.	Temperature Dew Point 14.30 h F.	Vapour Pressure 8.30 h ins.	Vapour Pressure 14.30 h ins.	Saturation Deficit 8.30 h ins.	Saturation Deficit 14.30 h ins.	Relative Humidity 8.30 h %	Relative Humidity 14.30 h %	Total Cloud Amt. 8.30 h	Total Cloud Amt. 14.30 h	Number of Occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total mm.	Rainfall Total ins.	Rainfall Max. Fall in 24hrs. ins.	Date	Number of Days of Rain	Number of Days of Thunder.
January	26.928	26.834	70.0	81.3	65.1	64.4	.623	.611	.115	.467	84	57	6.0	6.0	0	6	11	10	4	51.6	2.03	0.75	2	7	2
February	26.911	26.807	70.3	83.9	64.0	63.7	.602	.594	.145	.575	81	51	6.1	5.4	1	5	7	11	4	2.3	0.09	0.05	27	2	0
March	26.917	26.813	71.3	83.4	65.5	64.9	.635	.620	.136	.535	82	54	6.3	6.3	1	5	10	8	7	73.9	2.91	1.08	31	6	4
April	26.945	26.690	70.6	77.8	67.9	68.7	.665	.709	.068	.246	91	74	6.1	8.2	0	2	3	17	8	383.8	15.11	2.76	19	27	0
May	27.008	26.937	67.6	73.3	64.8	66.6	.617	.659	.065	.165	90	80	8.2	8.0	0	2	2	11	13	332.0	13.07	2.55	1	18	1
June	27.064	26.993	65.5	71.3	61.7	63.1	.555	.582	.077	.189	87	75	8.2	8.2	0	2	2	16	10	34.6	1.37	0.56	5	8	0
July	27.052	26.999	63.6	69.1	60.0	61.5	.540	.552	.054	.162	91	76	8.6	8.7	0	1	3	13	14	71.4	2.81	0.77	29	19	0
August	27.061	26.993	63.5	69.3	61.3	63.0	.546	.579	.045	.142	92	80	8.7	8.7	0	1	3	10	17	139.7	5.50	2.23	24	23	0
September	27.044	26.967	64.9	66.2	62.4	63.9	.567	.597	.053	.097	91	86	8.4	8.9	0	1	5	9	15	474.7	18.69	6.56	20	23	0
October	26.984	26.896	66.9	72.8	63.9	65.1	.597	.626	.067	.189	90	77	8.2	7.7	0	1	5	11	14	304.3	11.98	3.04	25	16	0
November	26.934	26.837	70.1	77.1	66.4	67.8	.653	.666	.09	.254	86	73	6.5	6.1	0	4	10	11	5	61.2	2.41	0.46	11	16	0
December	26.905	26.822	72.0	79.6	66.9	68.0	.664	.691	.127	.325	84	68	4.5	6.1	3	10	10	6	2	49.3	1.94	0.83	9	11	1
Year	26.980	26.899	68.0	75.6	64.2	65.1	.607	.626	.087	.279	88	71	7.3	7.4	5	40	74	133	113	1979.0	77.91	6.56	Sep. 20	176	8

@ At Station level: corrected for Temperature and to Standard Gravity.

Month	Frequency of Wind Direction at 8.30h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h 1-3	4-7	≥	Mean Wind Velocity 8.30 h m.p.h.	14.30 h m.p.h.	Extremes of Temperature of the Air Max. F.	Date	Min. F.	Date	Mean Max. F.	Mean Min. F.	Mean Max. - Mean Min. F.	Range Max. F.	Range Min. F.	Range Mean F.	Frequency of Visibility at 8.30h Fog.	Mist	Good Vis.
January	8	2	16	0	1	0	3	1	0	24	7	0	9.4	23.5	85.3	29	58.0	26	82.5	64.0	73.3	24.5	12.6	18.5	0	3	8
February	5	2	10	3	2	1	5	0	0	24	4	0	8.1	23.3	88.9	23	60.5	8	85.3	63.9	74.6	27.5	12.6	21.5	1	12	15
March	2	8	10	0	0	0	8	3	0	25	6	0	9.4	18.8	91.0	19	60.0	26	85.3	64.1	74.7	28.8	10.0	21.1	0	7	24
April	1	0	5	1	5	5	11	2	0	29	1	0	5.6	9.8	86.0	6	60.5	26	79.6	64.7	72.1	20.4	9.2	14.9	0	6	24
May	0	0	2	0	4	9	16	0	0	25	6	0	8.5	7.8	79.2	2[illegible]	58.2	24	74.8	63.0	68.9	17.8	4.0	11.8	1	12	18
June	0	0	0	0	5	6	19	0	0	21	9	0	13.2	10.1	77.0	5	58.[illegible]	14	73.0	61.1	67.1	15.7	7.5	11.9	1	15	14
July	0	0	0	0	7	7	17	0	0	24	7	0	10.1	12.3	74.5	7	56.0	8	70.9	58.7	64.8	18.4	1.9	12.3	0	9	22
August	1	0	6	0	10	7	7	0	0	24	7	0	11.2	11.0	75.0	6	53.5	31	71.7	59.0	65.1	20.1	6.9	12.0	1	10	20
September	0	0	9	2	10	3	6	0	0	25	5	0	8.7	11.4	77.0	10	55.3	10	70.7	59.9	65.3	21.7	4.2	10.8	0	13	17
October	3	0	13	0	4	8	2	1	0	27	4	0	7.6	16.3	79.2	21	54.0	8	74.7	60.1	67.4	21.7	4.3	14.5	3	2	26
November	11	1	13	2	0	0	3	0	0	30	0	0	3.6	7.2	82.1	23	54.0	2	78.5	62.9	70.7	21.8	9.3	15.7	3	2	25
December	9	0	14	3	1	0	3	1	0	31	0	0	3.8	8.3	84.5	30	58.0	7	81.3	64.0	72.7	23.5	9.5	17.3	0	4	27
Year	40	13	98	11	49	46	100	8	0	309	56	0	8.3	13.3	91.0	Mar. 19	53.5	Aug. 31	77.3	62.1	69.7	28.8	1.9	15.2	10	105	250

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT BUKOBA 2ND ORDER STATION 1946.

Lat.: 1° 20'S Long.: 31° 49'E Alt.: 3753 ft. Standard Time 3h 00m East. Reference Number 91.31/02.

Month	Atmospheric Pressure @ 8.30 h ins.	Atmospheric Pressure @ 14.30 h ins.	Temperature Dry Bulb 8.30 h F.	Temperature Dry Bulb 14.30 h F.	Temperature Dew Point 8.30 h F.	Temperature Dew Point 14.30 h F.	Vapour Pressure 8.30 h ins.	Vapour Pressure 14.30 h ins.	Saturation Deficit 8.30 h ins.	Saturation Deficit 14.30 h ins.	Relative Humidity 8.30 h %	Relative Humidity 14.30 h %	Total Cloud Amt. 8.30 h	Total Cloud Amt. 14.30 h	Number of Occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total mm.	Rainfall Total ins.	Rainfall Max. Fall in 24hrs. ins.	Date	Number of Days of Rain	Thunder.
January	-	-	69.4	80.2	64.2	66.9	.605	.664	.121	.376	83	64	7.8	6.4	0	1	1	27	2	37.3	1.47	0.42	23	15	0
February	-	-	70.1	83.0	63.7	68.0	.594	.691	.150	.446	80	61	4.9	1.6	7	5	4	7	5	36.1	1.42	0.70	7	6	0
March	-	-	70.3	78.5	64.9	66.6	.620	.659	.127	.321	83	67	6.7	2.1	2	5	5	10	9	122.9	4.84	0.97	4	18	1
April	-	-	68.6	74.8	64.9	66.7	.620	.661	.083	.210	88	76	8.4	5.5	0	1	3	16	10	383.0	15.08	2.58	27	28	0
May	-	-	69.2	76.4	63.9	66.6	.597	.659	.124	.259	83	72	8.2	6.1	0	2	5	11	13	257.0	10.12	2.65	4	20	0
June	-	-	68.5	74.3	60.8	64.2	.537	.605	.166	.251	76	71	6.4	7.0	3	4	5	9	9	125.0	4.92	1.10	4	9	0
July	-	-	69.1	76.2	61.5	62.8	.552	.576	.166	.337	77	63	6.3	3.6	5	2	6	8	10	105.9	4.17	1.60	25	6	0
August	-	-	66.6	71.6	61.7	63.9	.555	.597	.104	.183	84	77	7.8	7.9	1	4	2	9	15	171.2	6.74	2.50	4	19	0
September	-	-	67.9	75.4	63.9	64.9	.599	.620	.086	.266	87	70	7.1	6.0	0	4	6	9	9	166.6	6.56	1.45	22	14	0
October	-	-	69.6	76.7	63.7	65.1	.594	.626	.135	.298	81	68	6.7	6.1	3	4	3	11	10	99.6	3.92	0.58	26	15	0
November	-	-	68.1	75.6	63.9	66.0	.597	.647	.097	.245	86	73	8.7	6.9	1	2	1	8	18	157.2	6.19	1.10	12	18	0
December	-	-	68.1	76.8	64.4	66.7	.608	.661	.086	.269	88	71	8.6	6.3	0	0	5	12	14	150.9	5.94	1.53	5	18	0
Year	-	-	68.8	76.6	63.5	65.7	.590	.639	.120	.289	83	69	7.3	5.5	22	34	48	137	124	1812.7	71.37	2.65	May 4	186	1

@ At Station level: corrected for temperature and to Standard gravity.

Month	Frequency of Wind Direction at 6.30h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h 1-3	4-7	>7	Mean Wind Velocity 8.30 h m.p.h.	14.30 h m.p.h.	Extremes of Temperature of the Air. Max. F.	Date	Min. F.	Date	Mean Max. F.	Mean Min. F.	½ Max - Min F.	Range Max. F.	Range Min. F.	Range Mean F.	Frequency of Visibility at 8.30 Fog	Mist	Good Vis.
January	0	0	2	0	0	0	0	0	29	2	0	0	0.2	3.8	87.0	29	56.0	1	82.4	59.6	71.0	28.0	15.0	22.8	0	0	31
February	0	0	0	6	6	0	0	0	22	3	3	0	3.6	12.3	87.8	24,27	56.2	13	84.7	60.3	72.5	29.3	13.0	24.5	0	18	10
March	0	1	7	12	0	0	0	0	11	16	4	0	5.1	8.7	85.2	3	56.0	24	81.5	60.1	70.8	29.0	9.9	21.5	0	1	30
April	0	0	1	8	0	0	0	1	20	10	.0	0	1.6	4.5	82.0	14	59.0	3,14,18	78.8	60.8	69.6	23.0	8.0	18.0	0	0	30
May	0	0	0	13	1	0	0	0	17	8	6	0	5.6	11.4	82.0	11,12,13	59.0	27	78.9	61.5	70.2	21.8	11.5	17.4	0	0	31
June	0	0	0	9	1	0	0	0	20	4	6	0	5.1	10.1	81.5	2	55.0	3	77.6	58.3	67.9	26.0	10.0	19.3	0	15	15
July	0	0	0	12	0	0	0	0	19	3	9	0	5.9	13.9	82.0	3	55.0	21	78.5	59.1	68.8	26.0	11.0	19.4	0	23	5
August	0	0	1	9	1	1	1	1	17	10	4	0	4.3	6.9	80.5	27,28	54.0	27	75.4	59.3	67.6	26.5	9.8	16.0	0	19	12
September	1	1	0	6	0	0	1	0	21	6	3	0	3.1	12.8	82.5	28	56.2	25	78.9	59.8	69.3	25.0	12.5	19.1	0	19	11
October	0	0	1	6	1	0	0	3	20	9	2	0	2.5	6.3	83.0	30	57.0	15	80.1	60.9	70.5	23.8	13.0	19.1	0	18	13
November	0	0	1	3	0	1	1	1	23	6	1	0	1.1	7.4	82.5	15,19,23	57.0	10,15	79.5	60.8	70.1	25.5	9.5	18.6	0	12	18
December	1	0	1	3	0	1	0	3	22	8	1	0	1.1	3.4	84.0	31	57.0	13,22	80.5	59.9	70.2	25.0	13.0	20.5	0	3	28
Year	2	2	14	81	10	4	2	9	241	85	39	0	3.3	8.5	87.8	Feb. 24,27	54.0	Aug. 27	79.7	60.0	69.9	29.3	4.8	19.7	0	126	237

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT CHUNYA 1946.

Lat.: 8° 32'S Long.: 33° 25'E Alt.: 4900 ft. Standard Time 3h 00m East Reference Number 98.33/02.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall					Number of Days of	
	h	h	Dry Bulb		Dew Point		h	h	h	h	h	h	h	h						Total		Max. Fall			Thun	
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm.	ins.	in 24hrs.	Date	Rain	der.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January		-	68.7	77.7	59.2	58.5	.508	.493	.201	.464	72	52	5.9	7.3	0	9	10	3	9	146.0	5.75	1.85	19	13	5
February		-	66.6	78.5	59.2	59.0	.508	.505	.195	.481	72	51	6.2	8.0	3	5	6	5	9	152.4	6.00	1.30	27	14	5
March	-	-	68.6	77.5	60.3	59.7	.526	.517	.177	.437	75	54	6.1	7.9	1	10	4	4	12	133.1	5.24	1.19	13	13	10
April	-	-	66.4	77.1	58.5	58.6	.493	.496	.160	.446	76	53	4.9	7.7	1	8	9	2	6	66.8	2.63	1.05	19	14	1
May	-	-	64.0	76.9	54.9	54.3	.434	.425	.168	.505	72	46	2.5	6.7	8	15	4	2	2	22.4	0.88	0.79	9	3	2
June	-	-	60.3	76.1	46.2	48.2	.340	.340	.186	.567	65	37	0.5	4.1	18	12	0	0	0	0.0	0.00	0.00	-	0	0
July	-	-	58.6	74.8	47.1	46.6	.325	.319	.171	.552	65	37	1.6	3.5	18	6	5	2	0	0.0	0.00	0.00	-	0	0
August	-	-	60.6	75.9	47.3	46.6	.328	.319	.207	.585	61	35	1.7	3.8	12	14	3	2	0	0.0	0.00	0.00		0	0
September	-	-	61.8	78.6	52.0	50.9	.390	.375	.166	.611	70	38	0.6	3.7	20	9	1	0	0	0.0	0.00	0.00		0	0
October	-	-	67.6	84.1	53.4	50.5	.410	.369	.272	.806	60	31	1.5	4.5	15	12	2	2	0	0.5	0.02	0.02	10	1	0
November	-	-	68.7	80.1	57.0	55.0	.470	.437	.239	.597	66	42	6.1	8.0	3	4	9	5	9	160.3	6.31	1.90	26	12	5
December	-	-	67.6	77.0	60.4	59.0	.529	.505	.153	.431	77	54	6.7	6.0	0	5	8	11	7	193.0	7.60	1.81	13	17	0
Year	-	-	65.1	77.9	54.8	53.9	.438	.425	.191	.540	69	44	3.7	6.1	99	109	61	38	54	874.5	34.43	1.90	Nov-26	87	28

@ At Station level: corrected for Temperature and to Standard Gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air									Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	1	0	25	0	0	0	7	0	0	28	3	0	4.7	4.9	85.5	9	50.0	8,11,22	80.8	62.2	71.5	23.5	9.5	16.5	0	7	24
February	0	0	26	0	0	0	1	0	1	27	0	0	3.6	3.4	86.5	5	60.0	16	81.5	62.8	72.1	23.5	9.0	16.9	0	8	20
March	0	0	21	0	0	0	9	0	1	29	1	0	4.3	4.9	86.0	24	59.0	28	80.9	62.2	71.5	25.5	11.0	18.7	0	5	26
April	0	0	26	0	0	0	0	0	0	23	3	0	6.3	6.9	83.5	6	57.0	29	79.6	61.3	70.5	23.0	8.0	18.3	0	4	22
May	0	0	31	0	0	0	0	0	0	19	12	0	6.9	8.7	83.0	25	51.5	29	79.6	58.1	68.9	28.0	11.0	21.5	1	11	19
June	0	0	30	0	0	0	0	0	0	21	9	0	8.3	8.5	83.0	2	47.5	30	79.0	53.2	66.1	30.5	21.0	25.7	0	30	0
July	0	0	31	0	0	0	0	0	0	12	19	0	11.9	7.6	82.5	7	48.0	1	78.0	53.7	65.9	30.5	17.0	24.3	0	31	0
August	0	0	31	0	0	0	0	0	0	6	25	0	16.8	12.5	82.0	10	51.0	27	78.3	55.3	66.9	27.0	18.0	22.8	0	24	7
September	0	0	30	0	0	0	0	0	0	30	0	0	20.4	14.5	85.0	4	55.0	19	81.7	58.8	70.3	27.0	17.0	22.9	0	9	21
October	0	0	31	0	0	0	0	0	0	3	28	0	19.9	11.9	89.0	11,16	59.0	3,4	86.2	62.9	74.5	28.0	20.0	23.5	0	26	5
November	0	0	24	1	1	0	4	0	0	19	11	0	10.3	8.7	89.0	16	60.0	14	83.9	64.1	74.0	24.5	10.5	19.8	0	11	19
December	0	0	27	0	0	0	4	0	0	27	4	0	5.8	7.2	84.0	often	59.0	19	80.4	62.6	71.5	22.0	5.0	17.8	0	2	29
Year	1	0	333	1	1	0	23	0	2	214	145	0	10.1	8.5	89.0	(1)	47.5	June 30	80.8	59.8	70.3	30.5	5.0	21.1	1	168	192

(1) Several dates. October 11th & 16th. November 16th.

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT DAR ES SALAAM 1946.

Lat.: 6° 50'S Long.: 39° 18'E Alt.: 47 feet Standard Time 3h 00m East Reference Number 96.39/18

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of occasions at 8.30h of Cloud Amounts					Rainfall					Number of Days of
	h 8.30	h 14.30	Dry Bulb 8.30	Dry Bulb 14.30	Dew Point 8.30	Dew Point 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	Total mm.	Total ins.	Max. Fall in 24hrs ins.	Date	Rain	Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	29.849	29.772	81.5	84.4	74.3	74.5	.856	.862	.228	.328	79	72	7.0	5.3	0	3	9	15	4	3.6	0.14	0.09	19	5	0
February	29.828	29.746	80.5	84.3	73.9	73.8	.845	.839	.203	.351	81	70	6.2	4.7	0	5	10	8	5	10.4	0.41	0.39	27	2	1
March	30.118	29.734	81.4	85.1	75.2	75.0	.880	.877	.198	.340	82	72	6.1	5.4	0	6	13	14	1	44.7	1.76	0.73	1	6	2
April	29.861	29.778	78.4	84.9	74.5	74.3	.859	.856	.121	.355	87	71	6.0	7.2	0	6	11	11	2	159.6	6.28	1.94	4	16	4
May	29.937	29.864	75.6	82.6	72.0	71.1	.791	.765	.101	.357	89	68	5.5	6.8	0	12	4	10	5	420.9	16.57	5.99	19	15	6
June	30.017	29.940	73.4	83.6	68.4	66.6	.700	.656	.130	.508	84	57	5.1	5.6	0	12	6	11	1	3.6	0.14	0.07	24	4	0
July	30.017	29.949	71.2	83.1	67.3	65.5	.673	.635	.098	.508	87	56	4.2	6.2	0	13	10	8	0	0.8	0.03	0.01	often	3	0
August	30.014	29.937	73.7	83.0	69.4	67.6	.724	.682	.115	.455	86	60	5.2	7.1	0	9	11	11	0	18.5	0.73	0.38	12	8	0
September	29.994	29.908	75.7	82.2	69.6	67.8	.729	.685	.169	.425	81	62	5.8	5.8	0	8	9	12	1	75.4	2.97	1.46	20	20	0
October	29.926	29.831	78.2	83.5	71.4	69.8	.777	.732	.198	.423	80	63	6.3	5.0	0	6	5	18	2	141.5	5.57	4.64	29	11	0
November	29.861	29.763	81.5	85.0	73.8	73.0	.842	.818	.242	.393	78	68	6.5	4.5	0	0	1.7	12	1	32.3	1.27	0.66	26	6	1
December	29.822	29.748	82.1	84.3	75.7	75.6	.895	.892	.209	.298	81	73	6.5	5.7	0	4	10	16	1	88.6	3.49	1.11	9	12	3
Year	29.937	29.831	77.8	83.8	72.1	71.2	.798	.775	.168	.395	83	66	5.9	5.8	0	84	112	146	23	999.3	39.34	5.99	May 19	108	11

@ At station level: corrected for temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h								Calm	Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.									Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW		1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max.	Range Min.	Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.			
January	7	22	1	0	0	0	0	0	1	16	14	0	11.6	14.8	87.5	12	72.9	11	85.8	78.3	82.1	14.3	4.3	7.5	0	0	31
February	19	9	0	0	0	0	0	0	0	23	5	0	9.6	11.0	86.3	27	71.8	28	85.7	77.8	81.7	12.9	5.9	7.9	0	0	28
March	9	11	2	0	0	6	2	1	0	29	2	0	7.2	11.2	94.4	27	70.6	2	87.3	76.8	82.1	22.0	5.4	10.4	0	0	31
April	0	0	1	1	2	24	0	0	2	28	0	0	3.8	9.2	90.8	17	71.5	26,29	87.9	73.8	80.9	18.7	5.4	14.1	0	1	29
May	0	1	0	0	2	26	0	0	2	28	1	0	4.7	8.1	89.3	3	66.2	30	84.9	70.8	77.9	20.0	1.0	14.1	0	1	30
June	0	0	0	1	5	24	0	0	0	28	2	0	7.4	12.8	87.0	4, 6	62.3	9	84.7	68.0	76.3	23.7	11.8	16.7	0	0	30
July	0	0	0	0	1	30	0	0	0	30	1	0	6.3	12.8	86.6	26	61.8	4	84.3	66.1	75.2	24.1	6.1	18.1	0	0	31
August	0	0	0	1	8	21	0	0	1	30	0	0	3.4	13.9	88.4	9	64.2	30	84.6	67.5	76.1	22.2	13.0	17.1	0	0	31
September	0	0	2	7	3	16	0	0	2	28	0	0	4.3	13.0	87.8	1,17	64.6	7	84.3	67.7	76.0	22.0	9.5	16.5	0	0	30
October	0	0	8	8	2	5	0	0	8	22	1	0	2.7	11.9	90.0	26	64.4	15	85.2	69.0	77.1	23.0	9.1	16.2	0	0	31
November	0	10	5	4	0	3	0	2	6	23	1	0	4.0	11.4	90.0	29	66.9	8	86.5	73.3	79.9	20.8	6.8	13.2	0	0	30
December	3	18	0	1	0	4	0	0	5	21	5	0	7.6	11.0	89.7	16	71.4	11	86.4	77.1	81.7	16.0	5.0	9.3	0	0	31
Year	38	71	19	23	23	159	2	3	27	306	32	0	6.1	11.8	94.4	March 27	61.8	July 4	85.6	72.2	78.9	24.1	1.0	13.4	0	2	363

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT DODOMA METEOROLOGICAL STATION 1946.

Lat.: 6° 10'S Long.: 35° 46'E Alt.: 3675 feet Standard Time 3h 00m East Reference Number 96.35/01.

Month	Atmospheric Pressure ❀ h 8.30	Atmospheric Pressure ❀ h 14.30	Temperature Dry Bulb h 8.30	Temperature Dry Bulb h 14.30	Temperature Dew Point h 8.30	Temperature Dew Point h 14.30	Vapour Pressure h 8.30	Vapour Pressure h 14.30	Saturation Deficit h 8.30	Saturation Deficit h 14.30	Relative Humidity h 8.30	Relative Humidity h 14.30	Total Cloud Amt. h 8.30	Total Cloud Amt. h 14.30	Number of occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total mm.	Rainfall Total ins.	Max.Fall in 24hrs	Rainfall Max.Fall in 24hrs Date	Number of Days of Rain	Number of Days of Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%	8	8							ins.	ins.			
January	26.285	26.190	69.4	83.6	63.1	60.3	.582	.526	.134	.638	80	45	5.6	5.6	0	11	4	13	3	54.1	2.13	0.70	19	8	10
February	26.264	26.158	70.4	87.4	62.4	57.6	.570	.478	.177	.833	76	36	5.9	4.1	0	10	2	14	2	50.6	1.99	1.41	22	6	7
March	26.279	26.181	69.4	83.8	63.9	61.2	.599	.543	.127	.635	83	49	5.8	5.3	1	11	2	7	10	84.8	3.34	1.35	9	10	14
April	26.308	26.220	69.1	83.2	63.3	62.8	.588	.576	.130	.567	82	50	7.5	6.8	0	2	4	21	3	57.1	2.25	2.20	17	5	4
May	26.353	26.276	67.5	81.4	59.9	57.2	.520	.473	.159	.605	77	44	5.6	6.1	1	8	7	15	0	2.5	0.10	0.08	5	2	0
June	26.409	26.326	64.3	79.3	53.4	50.7	.410	.372	.195	.638	68	37	2.9	3.4	5	16	3	6	0	0.0	0.00	0.00	–	0	0
July	26.388	26.314	61.9	78.0	53.2	49.8	.408	.360	.150	.609	73	37	4.1	3.8	2	13	5	11	0	0.0	0.00	0.00	–	0	0
August	26.388	26.305	63.1	79.2	54.3	49.5	.425	.354	.157	.650	73	35	3.8	4.0	0	16	6	9	0	0.0	0.00	0.00	–	0	0
September	26.370	26.264	65.2	81.2	55.4	51.3	.443	.381	.183	.691	71	36	4.3	4.5	0	14	7	8	1	1.0	0.04	0.04	24	1	0
October	26.314	26.202	68.4	86.0	57.4	52.0	.475	.390	.225	.862	68	31	4.9	4.7	0	13	3	15	0	1.5	0.06	0.06	30	1	1
November	26.279	26.155	71.7	87.6	61.5	56.3	.549	.458	.237	.862	70	35	6.0	5.9	0	5	9	16	0	19.0	0.75	0.75	29	1	3
December	26.264	26.158	71.2	86.1	63.3	59.0	.588	.502	.183	.759	76	40	6.0	5.9	0	10	4	16	1	37.8	1.48	0.43	13	9	11
Year	26.325	26.229	67.6	83.1	59.3	55.6	.513	.451	.172	.696	75	40	5.2	5.0	9	129	56	151	20	307.7	12.12	2.20	Apr. 17	43	50

❀ At station levels corrected for temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h 1-3	4-7	>7	Mean Wind Velocity h 8.30	Mean Wind Velocity h 14.30	Extremes of Temperature of the Air Max	Date	Min.	Date	Mean Max.	Mean Min.	Absolute Max.	Absolute Min.	Range + Mean	Range Max.	Range Min.	Range Mean	Frequency of Visibility ≤18.30 Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.	F.			
January	1	0	27	2	0	0	0	1	0	13	18	0	11.9	7.6	92.6	14	61.6	26	87.0	64.7	75.9	28.0	12.7	22.4	0	1	30
February	0	1	24	0	0	0	2	1	0	17	11	0	10.3	5.6	96.8	21	61.8	8	91.5	65.5	78.5	31.6	16.0	26.0	0	1	27
March	0	3	22	2	0	1	1	2	0	26	5	0	8.1	5.4	91.9	14	63.4	25	86.7	65.2	75.9	27.0	9.8	21.5	0	0	31
April	0	1	29	0	0	0	0	0	0	20	10	0	11.6	9.6	89.7	16, 7	59.6	29	85.7	64.7	75.2	27.4	13.0	21.1	0	0	30
May	0	0	31	0	0	0	0	0	0	19	12	0	11.2	10.7	87.9	10	56.0	31	83.4	61.9	72.7	27.6	13.3	21.5	0	0	31
June	0	0	24	5	0	0	0	1	0	23	6	0	9.6	8.7	85.0	3, 4	48.7	30	81.5	56.2	68.9	31.3	20.3	25.3	0	0	30
July	0	0	30	1	0	0	0	0	0	11	20	0	12.5	11.4	83.4	2	50.1	3	80.1	56.6	68.3	31.9	12.9	23.5	0	0	31
August	0	0	31	0	0	0	0	0	0	8	23	0	14.1	12.5	84.4	10	54.0	14	81.4	58.1	69.7	26.3	18.0	23.3	0	0	31
September	0	0	30	0	0	0	0	0	0	5	25	0	16.3	13.0	86.8	2	58.4	1	83.3	60.0	71.7	27.8	17.3	23.3	0	1	29
October	0	1	30	0	0	0	0	0	0	8	23	0	13.6	10.5	93.4	16	58.6	2	88.2	62.3	75.2	31.5	21.1	25.9	0	0	31
November	1	3	25	1	0	0	0	0	0	12	18	0	12.3	8.3	95.0	18	62.6	1	90.6	65.7	78.1	29.0	17.2	24.9	0	0	30
December	1	2	22	5	0	0	1	0	0	27	4	0	8.5	5.1	94.0	12	64.0	2	89.3	66.9	78.1	26.1	14.0	22.4	0	0	31
Year	3	11	325	16	0	1	4	4	1	189	175	0	11.7	9.0	96.8	Feb. 21	48.7	June 30	85.7	62.3	74.0	31.9	9.8	23.4	0	3	362

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT IRINGA 2ND ORDER STATION, 1946.

Est.: 7° 47'S Long.: 35° 42'E Alt.: 5380 feet Standard Time 3h 00m East Reference Number 97.35/00.

Month	Atmospheric Pressure @ h 8.30	h 14.30	Temperature Dry 8.30	Bulb 14.30	Dew 8.30	Point 14.30	Vapour Pressure h 8.30	14.30	Saturation Deficit h 8.30	14.30	Relative Humidity h 8.30	14.30	Total Cloud Amt. h 8.30	h 14.30	Number of Occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total mm.	ins.	Max. Fall in 24hrs. mm.	ins.	Date	Number of Days of Rain	Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%														
January	24.776	24.711	63.7	75.0	59.0	58.6	.505	.495	.089	.384	85	56	5.1	7.2	-	11	6	8	5	62.5	2.46	0.6	4	11	0
February	24.764	24.699	63.3	78.6	59.4	56.3	.511	.461	.083	.525	86	47	5.4	6.6	1	10	3	10	4	45.5	1.79	0.67	2	12	0
March	24.764	24.714	63.6	75.0	59.7	60.3	.517	.526	.072	.351	87	60	5.3	7.4	2	12	0	12	5	121.4	4.78	0.73	8	14	0
April	24.799	24.749	63.9	71.9	57.9	60.4	.484	.529	.115	.257	81	67	5.4	8.0	0	13	4	8	5	98.5	3.88	0.89	6	23	0
May	24.846	24.787	61.6	72.3	54.3	56.7	.425	.464	.124	.336	77	58	3.5	5.7	0	22	1	6	2	26.2	1.03	0.64	3	6	0
June	24.885	24.838	57.3	71.5	48.6	49.8	.343	.360	.132	.417	72	46	1.3	3.6	4	24	1	1	0	0.0	0.00	0.00	-	0	0
July	24.864	24.817	55.6	69.9	47.1	47.5	.325	.331	.121	.407	74	45	1.6	4.0	8	19	2	2	0	0.0	0.00	0.00	-	0	0
August	24.873	24.820	57.3	70.9	47.8	47.9	.334	.331	.141	.143	70	43	2.0	5.5	7	18	3	3	0	0.0	0.00	0.00	-	0	0
September	24.849	24.790	61.4	72.7	50.7	49.8	.372	.360	.174	.449	68	45	2.2	5.4	3	22	2	3	0	0.0	0.00	0.00	-	0	0
October	24.819	24.690	66.2	78.3	50.7	49.8	.372	.360	.278	.615	57	37	1.4	4.8	8	22	0	1	0	0.0	0.00	0.00	-	0	0
November	24.811	24.678	67.6	78.0	55.0	55.8	.437	.449	.245	.520	64	46	3.0	7.0	2	19	5	4	0	20.1	0.79	0.31	30	7	0
December	24.755	24.666	63.7	76.1	59.0	60.8	.502	.537	.092	.370	85	59	3.8	7.5	0	19	7	3	2	163.6	6.44	0.93	16	20	0
Year	24.820	24.747	62.1	74.2	54.1	54.5	.427	.433	.159	.422	75	51	3.3	6.1	36	211	34	61	23	537.8	21.17	0.93	Dec. 16	93	0

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h 1-3	4-7	>7	Mean Wind Velocity h 8.30	h 14.30	Extremes of Temperature of the Air. Max.	Date	Min.	Date	Mean Max.	Mean Min.	Mean Max. + Min	Ranges Max.	Min.	Mean	Frequency of Visibility at 8.30 Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	0	0	11	1	7	0	2	10	21	0	0	1.3	2.0	83.6	27	52.3	27	77.7	57.7	67.7	31.3	7.1	19.9	0	0	31
February	0	0	0	11	0	4	0	1	12	16	0	0	1.1	2.5	87.6	21	55.0	8	81.9	59.0	70.5	29.2	15.2	23.0	0	3	25
March	0	1	0	14	0	4	0	2	10	21	0	0	1.6	2.5	83.8	14	54.3	5	77.8	58.7	68.3	26.8	6.0	19.1	0	3	28
April	0	3	0	10	0	11	0	2	4	26	0	0	2.9	2.5	79.4	5	55.2	26	75.5	59.1	67.3	23.1	9.7	16.4	0	0	30
May	0	1	0	17	0	13	0	0	0	30	1	0	4.5	2.9	78.3	3	52.9	29	73.7	57.5	65.6	22.0	9.1	16.3	0	0	31
June	0	0	0	20	0	9	0	0	1	25	5	0	8.3	4.3	79.1	6	47.9	30	72.9	53.4	63.1	27.8	11.7	19.5	0	0	30
July	0	0	0	22	0	8	0	0	1	26	4	0	6.7	5.4	77.1	2	48.0	14	71.7	52.4	62.1	28.0	13.3	19.3	0	0	31
August	0	0	0	25	0	4	0	0	2	24	5	0	7.4	4.9	78.8	10	45.2	10	73.0	53.1	63.1	33.6	11.9	19.9	0	0	31
September	0	0	0	23	0	6	0	0	1	29	0	0	3.8	6.3	80.7	28	51.4	1	75.3	55.0	65.2	27.4	11.2	20.5	0	0	30
October	0	2	0	18	0	10	0	1	0	31	0	0	3.8	3.8	85.4	18	51.2	1	80.7	57.5	69.1	30.9	16.1	23.3	0	0	31
November	0	6	0	9	0	10	0	5	0	30	0	0	2.5	2.7	87.2	15	56.3	17	81.5	59.9	70.7	30.7	14.0	21.5	0	0	30
December	0	2	0	6	0	17	0	6	0	31	0	0	2.7	2.7	84.2	14	56.1	19	78.2	59.5	68.9	24.5	11.0	18.7	0	0	31
Year	0	15	0	186	1	103	0	20	40	310	15	0	3.9	3.5	87.8	Feb. 21	45.2	Aug. 10	76.7	56.9	66.8	33.6	6.0	19.8	0	6	359

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KIGOMA METEOROLOGICAL STATION, 1946.

Lat.: 4° 53'S Long.: 29° 38'E Alt.: 2903 feet Standard Time 3h 00m East Reference Number 94.29/04

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall					Number of Days of		
	h		Dry Bulb		Dew Point		h		h		h		h							Total		Max. Fall					Thun
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm.	ins.	in 24hrs.	Date	Rain	der.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%									ins.						
January	26.973	26.920	71.7	79.0	66.0	69.4	.647	.725	.139	.283	82	72	8.5	7.4	0	1	4	8	18	61.2	2.41	0.92	7	12	23
February	26.958	26.908	71.5	79.2	66.6	69.6	.659	.729	.121	.284	84	73	7.3	7.0	0	4	3	18	3	96.8	3.81	1.23	8	13	23
March	26.967	26.917	71.9	77.7	66.9	68.7	.664	.709	.127	.248	84	74	7.9	8.0	0	3	4	14	10	194.3	7.65	1.56		17	26
April	26.996	26.949	69.8	75.5	66.6	68.2	.656	.697	.079	.195	89	78	9.3	9.1	0	1	0	9	20	3.2.7	2.31	3.70	18	25	20
May	27.023	26.979	71.4	78.3	66.0	67.1	.647	.670	.130	.305	85	69	8.	7.2	0	3	3	15	10	58.4	2.30	0.72	8	10	15
June	27.070	27.032	67.7	79.8	61.7	61.0	.555	.540	.127	.488	81	53	4.0	2.9	0	18	2	10	0	0.0	0.00	0.00		0	5
July	27.044	26.996	66.2	79.7	58.3	59.2	.490	.508	.160	.514	75	50	5.9	2.9		11	3	7	9	0.0	0.00	0.00		0	4
August	27.041	26.982	69.2	81.1	56.8	60.6	.467	.535	.254	.557	65	50	5.3	4.6	0	13	6	3	9	0.0	0.00	0.00		0	4
September	27.005	26.922	73.4	82.9	57.9	63.3	.484	.588	.346	.549	58	52	6.4	4.5	0	7	8	9	6	6.6	0.26	0.25	24	2	6
October	26.976	26.899	73.7	80.8	63.9	68.0	.599	.691	.240	.369	71	65	7.1	6.4	0	5	6	11	9	40.4	1.59	0.50	17	13	1
November	26.975	26.911	70.3	76.4	65.5	67.1	.632	.676	.115	.248	85	73	8.9	7.7	0	1	1	12	16	118.9	4.68	0.76	24	20	26
December	26.967	26.917	70.2	75.3	65.5	67.1	.635	.667	.109	.219	85	75	8.0	7.3	0	4	3	11	13	205.7	8.10	1.86	7	19	27
Year	26.999	26.944	70.6	78.8	63.5	66.6	.595	.643	.162	.353	79	65	7.2	6.3		71	43	127	123	1095.0	43.11	3.70	Apr. 18	151	180

@ At station level: corrected for temperature and to standard gravity

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.												Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	1	5	14	13	0	0	0	0	0	29	2	0	6.9	7.8	88.7	1	61.0	31	82.3	66.7	74.5	22.7	7.1	15.7	0	0	31
February	1	3	10	14	0	0	0	0	0	28	0	0	5.6	0.3	85.6	24	62.7	9	82.7	67.0	74.9	21.3	6.9	15.7	0	0	28
March	0	2	13	15	0	0	0	1	0	28	3	0	7.8	8.9	88.1	3	63.7	27	81.9	67.5	74.7	20.3	11.1	14.5	0	0	31
April	0	6	10	11	1	1	0	1	0	26	4	0	9.2	8.9	86.4	9	64.2	8	79.2	66.5	72.9	20.4	4.5	12.7	0	1	29
May	0	1	14	15	1	0	0	0	0	24	7	0	8.5	9.4	87.5	17	64.5	30,31	82.2	66.9	74.5	20.5	4.9	15.2	0	1	30
June	0	0	10	19	1	0	0	0	0	21	9	0	10.3	12.5	84.0	20	59.5	30	81.9	63.3	72.6	22.4	13.8	18.5	0	0	30
July	0	0	12	18	1	0	0	0	0	19	12	0	11.6	13.4	85.1	18	59.2	10	82.5	62.7	72.6	24.9	14.8	19.8	0	0	31
August	0	1	12	18	0	0	0	0	0	23	8	0	9.8	17.2	88.3	24	60.4	14	84.0	65.0	74.5	23.9	12.2	19.0	0	1	30
September	0	1	14	14	1	0	0	0	0	14	16	0	12.8	17.0	91.9	21	64.8	6	86.8	68.1	77.5	24.5	11.2	18.7	0	0	30
October	1	4	15	10	0	0	1	0	0	27	4	0	8.3	12.3	86.9	3, 4	64.4	18	83.9	68.7	76.3	20.4	4.3	15.3	0	0	31
November	0	3	14	12	0	0	0	1	0	22	8	0	10.1	11.2	84.2	10	63.0	14	79.3	66.8	73.1	18.2	1.7	12.5	0	1	29
December	2	3	6	17	1	0	1	0	0	28	3	0	7.4	9.6	83.1	31	63.9	8	79.2	66.7	72.9	17.7	5.9	12.6	0	1	30
Year	5	27	144	176	5	2	2	4	0	289	76	0	9.0	11.5	91.9	Sept. 21	59.2	July 10	82.2	66.3	74.3	24.5	1.7	15.9	0	5	360

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KONDOA 2ND ORDER STATION 1946.

Lat.: 4° 55'S Long.: 35° 47'E Alt.: 4547 feet Standard Time 3h 00m East Reference Number 94.35/01.

Month	Atmospheric Pressure @ h 8.30	h 14.30	Temperature Dry Bulb h 8.30	14.30	Dew Point h 8.30	14.30	Vapour Pressure h 8.30	14.30	Saturation Deficit h 8.30	14.30	Relative Humidity h 8.30	14.30	Total Cloud Amt. h 8.30	14.30	Number of occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total mm.	Max.Fall in 24hrs. Date	Rain	Number of Days of Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%								ins.	ins.		
January	25.493	25.393	68.7	83.5	61.3	59.0	.546	.505	.166	.650	77	44	3.5	4.8	0	23	2	3	3	31.0	1.22	16	3	2
February	25.475	25.369	69.4	88.2	59.7	54.0	.517	.419	.209	.925	71	31	3.3	3.7	0	19	5	3	1	28.2	1.11	26	3	0
March	25.481	25.390	68.0	83.6	61.3	58.6	.546	.496	.145	.668	79	43	4.5	4.6	0	15	7	5	4	111.5	4.39	2.03	16	9	7
April	25.514	25.428	67.9	79.9	61.7	60.6	.555	.535	.130	.493	81	52	6.8	5.7	0	4	7	17	2	84.8	3.34	1.76	18	6	0
May	25.573	25.499	65.8	76.1	58.5	58.3	.493	.490	.148	.417	77	54	6.8	6.4	0	6	5	11	8	15.7	0.62	0.27	20	4	1
June	25.611	25.529	62.2	77.4	53.4	51.3	.410	.381	.154	.567	72	40	2.3	4.1	1	24	4	1	0	0.0	0.00	0.00	-	0	0
July	25.597	25.514	61.5	76.2	52.3	51.8	.396	.387	.156	.526	72	42	4.0	5.8	1	14	10	6	0	0.0	0.00	0.00	-	0	0
August	25.597	25.505	61.9	76.4	53.8	53.8	.416	.416	.142	.562	75	45	4.9	5.8	0	13	7	10	1	0.0	0.00	0.00	-	0	0
September	25.579	25.475	63.0	79.0	56.1	57.4	.455	.475	.124	.523	79	48	5.9	5.3	0	10	4	15	1	5.6	0.22	0.11	23	3	0
October	25.546	25.428	67.4	84.3	58.5	58.6	.493	.496	.186	.694	73	42	5.1	4.9	0	12	8	2	7	0.0	0.00	0.00	-	0	0
November	25.487	25.372	69.2	86.3	63.1	65.7	.585	.638	.136	.629	81	50	4.5	5.6	0	13	10	7	0	27.9	1.10	0.74	29	2	0
December	25.475	25.381	70.3	85.0	62.4	61.5	.570	.552	.177	.659	76	46	3.9	5.6	0	15	10	5	1	112.0	4.41	3.00	1	7	4
Year	25.536	25.440	66.3	81.8	58.6	57.5	.499	.483	.156	.604	76	45	4.6	5.2	2	168	80	85	28	416.7	16.41	3.00	Dec. 1	37	14

@ At station level: corrected for temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h 1-3	4-7	>7	Mean Wind Velocity h 8.30	h 14.30	Extremes of Temperature of the Air. Max.	Date	Min.	Date	Mean Max.	Mean Min.	Range Max. Min.	Range Mean	Frequency of Visibility at 8.30 Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.			
January	4	17	2	1	4	0	2	1	0	23	8	0	11.4	13.9	90.0	16	58.8	27	85.7	62.9	74.3	28.2	11.4	22.9	0	0	31
February	1	17	6	0	1	1	2	0	0	17	11	0	12.1	15.9	93.4	21	58.6	13	89.9	62.9	76.4	32.4	10.0	26.9	0	1	27
March	2	15	6	1	2	2	1	2	0	15	16	0	12.8	14.8	89.8	8	58.8	23	85.1	62.6	73.9	28.6	13.4	22.5	0	1	30
April	0	9	19	0	2	0	0	0	0	9	21	0	14.3	15.0	86.2	6	60.8	29	81.8	64.0	72.9	21.8	13.5	17.8	0	0	30
May	2	13	11	5	0	0	0	0	0	8	23	0	14.8	14.1	82.2	1	53.1	31	77.7	60.5	69.1	26.6	10.1	17.2	0	0	31
June	5	12	11	2	0	0	0	0	0	9	21	0	13.6	14.3	82.8	3	51.8	16	78.5	63.2	66.9	27.9	18.2	23.3	0	0	30
July	2	11	14	1	1	1	0	1	0	12	19	0	12.5	14.1	81.9	3	50.2	1	77.5	54.7	66.1	30.9	14.8	22.8	0	0	31
August	2	13	16	0	0	0	0	0	0	4	27	0	15.4	14.8	82.4	10	52.5	10,31	77.6	56.7	67.1	29.9	11.9	20.9	0	0	31
September	0	15	14	0	1	0	0	0	0	5	25	0	15.0	15.0	85.1	2	56.1	3	80.5	58.7	69.6	27.9	14.7	21.8	0	0	30
October	1	17	10	0	0	0	0	1	0	8	21	0	15.2	14.5	90.0	16	56.7	15	85.5	60.5	73.0	31.9	16.4	25.0	0	0	29
November	3	13	11	0	0	2	1	0	0	10	20	0	14.3	14.8	93.4	23	59.4	2	87.9	63.7	75.8	29.4	16.2	24.2	0	0	30
December	2	20	6	0	0	1	1	1	0	25	6	0	10.5	13.9	89.2	30,31	61.2	21,23	86.5	64.1	75.3	27.0	16.0	22.4	0	0	31
Year	24	172	126	10	11	7	7	6	0	145	218	0	13.5	14.6	93.4	Feb.23 Nov.23	50.2	July	82.9	60.5	71.7	32.4	10.1	22.3	0	2	361

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT LINDI METEOROLOGICAL STATION 1946.

Lat.: 10° 00'S Long.: 39° 42'E Alt.: 127 feet Standard Time 3h 00m East Reference Number 100.39/06.

Month	Atmospheric Pressure @ h 8.30	Atmospheric Pressure @ h 14.30	Temperature Dry 8.30	Temperature Dry 14.30	Temperature Wet 8.30	Temperature Wet 14.30	Temperature Dew Point 8.30	Temperature Dew Point 14.30	Vapour Pressure h 8.30	Vapour Pressure h 14.30	Saturation Deficit h 8.30	Saturation Deficit h 14.30	Relative Humidity h 8.30	Relative Humidity h 14.30	Total Cloud Amt. h 8.30	Total Cloud Amt. h 14.30	Number of occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total mm.	Rainfall Total ins.	Rainfall Max. Fall in 24hrs mm.	Rainfall Max. Fall in 24hrs ins.	Rainfall Date	Number of Days of Rain	Number of Days of Thunder.
	ins.	ins.	F.	F.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%											ins.			
January	29.775	29.627	80.1	86.0	74.1	75.2	70.1	71.1	.850	.883	.184	.369	82	71	6.1	6.1	0	7	8	13	3	50.5	1.99	0.52	0.52	20	10	10
February	29.740	29.645	81.1	88.7	75.0	77.7	70.4	72.7	.874	.957	.198	.404	82	70	5.5	4.8	0	6	13	9	0	18.5	0.73	0.37	0.37	25	3	5
March	29.746	29.651	80.0	87.7	74.3	76.8	69.6	71.8	.856	.871	.178	.449	83	66	5.5	5.6	0	11	5	14	1	56.4	2.22	0.99	0.99	9	9	10
April	29.805	29.725	77.7	84.9	73.6	75.4	69.8	71.1	.833	.886	.124	.325	86	73	5.4	6.9	0	9	8	12	1	205.2	8.08	2.50	2.50	8	16	11
May	29.884	29.793	75.0	85.0	69.8	71.1	65.7	68.1	.735	.768	.142	.443	84	63	2.0	5.3	1	22	4	4	0	36.1	1.42	0.98	0.98	5	7	0
June	29.964	29.867	72.2	86.5	66.4	68.4	61.8	65.3	.653	.700	.141	.576	82	55	3.9	5.4	0	17	6	7	0	6.9	0.27	0.27	0.27	18	1	0
July	29.964	29.875	71.3	84.0	65.7	68.7	60.8	66.0	.638	.706	.133	.469	83	60	2.7	4.7	3	21	2	5	0	1.5	0.06	0.06	0.06	23	1	0
August	29.958	29.864	72.9	85.0	66.7	69.8	61.8	66.1	.661	.732	.154	.479	81	60	3.8	5.5	1	17	7	5	1	0.0	0.00	0.00	0.00	-	0	0
September	29.935	29.855	74.2	82.8	69.8	71.6	65.1	67.3	.732	.783	.118	.348	86	69	5.5	5.9	0	9	8	11	2	35.3	1.39	8.30	8.30	21	11	0
October	29.864	29.775	77.9	84.5	72.3	73.9	69.0	69.5	.800	.845	.163	.351	83	71	5.7	3.1	0	5	11	15	0	17.0	0.67	0.50	0.50	29	4	0
November	29.793	29.695	81.2	86.2	72.9	73.0	69.1	69.3	.815	.818	.257	.443	76	65	5.6	2.6	0	6	14	10	0	20.3	0.80	0.79	0.79	20	2	3
December	29.748	29.669	81.3	86.1	75.4	75.7	70.8	70.7	.889	.895	.189	.366	82	71	5.6	5.5	0	9	8	13	1	189.7	7.47	3.34	3.34	12	15	18
Year	29.848	29.754	77.1	85.6	71.3	72.9	67.8	69.2	.778	.820	.165	.419	83	66	4.8	5.1	5	139	94	118	9	637.4	25.10	3.34	3.34	Dec. 12	79	57

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h 1-3	4-7	>7	Mean Wind Velocity h 8.30	h 14.30	Extremes of Temperature of the Air. Max.	Date	Min.	Date	Mean Max.	Mean Min.	Range ½ Max + Min	Max.	Min.	Mean	Frequency of Visibility at 8.30h Fog	Mist	Good Vis.
									*				m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	6	0	0	3	7	2	0	10	3	28	0	0	5.6	9.4	92.0	30,31	71.7	30	88.9	74.8	81.9	20.3	7.5	14.1	0	0	31
February	8	0	0	3	6	3	0	8	0	28	0	0	4.9	11.9	94.2	23	71.2	24	91.8	75.1	83.5	20.9	9.9	16.7	0	0	28
March	6	2	0	3	11	5	1	1	2	29	0	0	3.6	8.9	96.0	28	71.8	3,19	90.6	74.6	82.6	22.0	9.5	16.1	0	0	31
April	0	0	0	0	7	22	0	0	1	29	0	0	6.7	7.4	94.7	2	69.7	28	89.2	73.7	81.5	20.3	7.1	15.5	0	0	30
May	0	0	0	0	10	21	0	0	0	30	1	0	8.5	9.4	91.8	15	65.7	29	88.5	70.7	79.6	24.3	12.1	17.8	0	0	31
June	0	0	0	0	16	14	0	0	0	28	2	0	8.7	10.1	92.0	3	64.6	29	88.8	67.9	78.3	24.5	17.1	20.9	0	0	30
July	0	0	0	0	16	15	0	0	0	28	3	0	8.7	11.0	90.6	4	62.2	2,31	87.5	66.6	77.1	27.4	17.5	20.9	0	0	31
August	0	0	0	0	19	12	0	0	0	29	2	0	8.1	13.6	92.5	20	64.2	1, 5	88.1	67.9	78.0	25.3	15.8	20.2	0	0	31
September	0	0	0	2	14	13	0	0	1	29	0	0	6.9	12.8	91.7	18	66.3	7	85.2	68.9	77.1	23.8	9.6	16.3	0	0	30
October	2	2	3	5	14	3	1	0	1	29	1	0	5.8	13.9	90.2	29	67.0	18	87.0	71.3	79.1	21.8	9.7	15.7	0	0	31
November	1	10	0	5	8	4	0	0	2	28	0	0	5.6	13.6	91.8	24	70.0	2	88.9	74.7	81.8	18.0	8.4	14.1	0	0	30
December	2	1	0	2	10	6	0	4	6	22	3	0	4.3	12.3	93.1	8	72.2	13	89.5	75.6	82.5	19.1	8.9	13.9	0	0	31
Year	25	15	3	23	138	120	2	23	16	337	12	0	6.5	11.2	96.0	March 28	62.2	July 2,31	88.7	71.8	80.3	27.4	7.1	16.9	0	0	365

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT LYAMUNGU, MOSHI 1946.

Lat.: 3° 14'S Long.: 37° 15'E Alt.: 4100 feet Standard Time 3h 00m East Reference Number 93.37/21

Month	Atmospheric Pressure @ h 8.30	Atmospheric Pressure @ h 14.30	Temperature Dry Bulb 8.30	Temperature Dry Bulb 14.30	Temperature Dew Point 8.30	Temperature Dew Point 14.30	Vapour Pressure h 8.30	Vapour Pressure h 14.30	Saturation Deficit h 8.30	Saturation Deficit h 14.30	Relative Humidity h 8.30	Relative Humidity h 14.30	Total Cloud Amt. h 8.30	Total Cloud Amt. h 14.30	Number of Occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total mm.	Rainfall Total ins.	Rainfall Max. Fall in 24hrs. mm.	Rainfall Max. Fall in 24hrs. ins.	Days Rain	Number of Days of Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	-	-	68.8	83.8	59.0	59.0	.502	.502	.207	.667	71	43	1.6	5.8	13	10	3	3	0	0.3	0.01	0.01	18	1	1
February	-	-	68.8	86.9	58.1	56.8	.487	.467	.222	.824	69	36	1.0	4.4	15	12	0	0	1	29.7	1.17	0.82	17	6	1
March	-	-	69.0	84.1	59.9	58.8	.520	.499	.198	.676	72	42	3.4	5.8	12	6	5	5	3	14.7	0.58	0.50	1	3	2
April	-	-	66.3	76.6	62.6	63.5	.573	.591	.080	.333	88	64	7.8	8.0	0	4	5	6	15	508.8	20.03	7.43	11	22	0
May	-	-	63.1	70.8	60.6	62.4	.535	.570	.047	.192	92	75	9.4	8.0	0	1	0	9	21	550.9	21.69	5.86	20	24	0
June	-	-	60.6	68.7	57.2	58.6	.473	.496	.062	.213	88	70	9.3	6.5	0	1	0	9	20	65.3	2.57	0.96	7	14	0
July	-	-	59.0	68.7	55.8	56.8	.449	.467	.056	.242	89	66	6.9	6.4	6	2	2	4	17	17.0	0.67	0.12	11	11	0
August	-	-	59.1	68.9	56.8	57.4	.467	.475	.041	.237	92	67	9.4	8.8	0	1	1	4	25	29.2	1.15	0.36	12	17	0
September	-	-	59.8	70.5	58.1	58.6	.487	.496	.030	.257	94	66	9.0	8.0	0	2	2	2	24	201.2	7.92	2.58	20	21	0
October	-	-	63.4	76.1	59.5	60.4	.514	.532	.074	.375	87	59	7.6	5.8	2	2	3	14	10	138.2	5.44	1.82	27	14	0
November	-	-	67.6	77.5	62.4	62.4	.567	.567	.115	.387	83	59	6.2	6.4	2	8	3	10	7	14.0	0.55	0.43	5	5	0
December	-	-	68.4	79.4	61.7	61.3	.555	.546	.145	.464	79	54	3.6	6.3	5	14	3	3	5	63.0	2.48	1.09	9	8	0
Year	-	-	64.5	76.0	59.3	59.7	.511	.517	.106	.406	84	58	6.3	6.7	55	63	27	69	148	1632.3	64.26	7.43	Apr. 11	146	4

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30 1-3	4-6	>7	Mean Wind Velocity h 8.30 m.p.h.	h 14.30 m.p.h.	Extremes of Temperature of the Air. Max. F.	Date	Min. F.	Date	Mean Max. F.	Mean Min. F.	Max. F.	Min. F.	Range Max. F.	Range Min. F.	Range Mean F.	Frequency of Visibility at 8.30 Fog	Mist	Good Vis.
January	8	4	2	2	1	0	2	3	7	22	0	0	1.6	6.7	91.6	29	51.4	25	87.1	55.3	71.2	37.4	21.4	31.9	0	0	29
February	7	2	4	3	0	3	0	4	5	23	0	0	1.8	7.2	92.3	24	51.6	13	89.5	55.5	72.5	39.4	23.4	34.0	0	0	28
March	3	4	6	7	0	3	1	2	5	26	0	0	2.7	6.5	92.5	15,20	52.0	17	87.4	57.2	72.3	39.6	15.7	30.2	0	0	31
April	2	3	4	17	0	0	0	0	4	26	0	0	3.1	5.1	88.2	6	55.9	6	78.6	60.1	69.3	32.3	8.6	18.5	4	4	22
May	0	0	1	23	1	0	0	0	6	25	0	0	2.7	3.1	77.0	10	55.0	8	71.8	59.4	65.6	18.2	4.9	12.3	5	6	20
June	0	0	4	26	0	0	0	0	0	30	0	0	3.6	3.6	75.8	6	56.3	29	70.2	58.0	64.1	16.6	8.3	12.2	1	5	24
July	0	0	5	20	4	0	0	0	2	29	0	0	4.5	5.1	74.1	27	49.6	3, 4	69.7	54.8	62.3	23.7	6.5	14.9	1	7	23
August	0	1	0	20	3	0	0	0	7	24	0	0	2.9	4.0	75.2	26	54.9	26	70.1	56.7	63.4	20.3	6.3	13.3	4	11	16
September	0	0	1	19	4	0	0	0	6	24	0	0	2.9	5.4	79.0	14	51.1	4	72.5	56.3	64.4	24.1	8.2	16.2	9	8	13
October	0	1	4	21	1	0	0	0	4	27	0	0	2.9	5.8	83.1	16	48.2	21	77.6	55.8	66.7	33.3	10.2	21.8	4	5	22
November	2	6	3	6	1	6	0	0	6	24	0	0	2.2	5.8	86.0	23	54.0	3	80.3	57.2	68.7	30.1	14.2	23.1	1	2	27
December	1	7	3	10	4	2	0	0	3	27	0	0	2.5	5.6	86.0	21	53.4	30	82.6	57.0	69.8	31.5	13.9	25.6	0	1	29
Year	23	28	37	174	19	14	3	9	55	307	0	0	2.8	5.3	92.5	Mar. 15,20	48.2	Oct. 21	78.1	56.9	67.5	@ 39.6	4.9	21.2	29	49	284

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MBEYA METEOROLOGICAL STATION 1946.

Lat.: 8° 56'S Long.: 33° 28'E Alt.: 5768 feet Standard Time 3h 00m East Reference Number 98.33/01.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of		
	h 8.30	h 14.30	Dry Bulb 8.30	Dry Bulb 14.30	Dew Point 8.30	Dew Point 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	Total mm.	Total ins.	Max.Fall in 24hrs mm.	Max.Fall in 24hrs ins.	Date	Rain	Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%														
January	24.463	24.404	63.8	70.9	57.4	59.0	.475	.505	.124	.257	79	86	7.9	8.4	1	2	2	19	7	112.5	4.43	0.83		19	17	25
February	24.448	24.395	63.8	71.9	58.3	59.4	.490	.511	.109	.280	82	65	7.7	8.3	0	1	4	21	2	160.5	6.32	0.91		3	19	23
March	24.451	24.398	62.8	71.2	58.8	60.4	.499	.532	.077	.239	87	69	7.4	8.6	0	5	5	17	4	84.6	3.33	0.94		12	18	25
April	24.480	24.442	63.4	68.8	57.9	60.4	.484	.529	.104	.186	82	75	6.5	8.6	0	6	6	17	1	111.3	4.38	1.18		17	17	21
May	24.519	24.483	60.1	69.5	54.0	57.4	.419	.475	.104	.251	80	65	4.1	6.5	1	17	5	7	1	7.1	0.28	0.21		20	4	7
June	24.563	24.528	55.9	67.1	48.6	52.0	.343	.390	.109	.280	76	57	2.2	3.2	0	24	5	1	0	0.0	0.00	0.00		-	0	0
July	24.539	24.501	53.5	68.3	46.8	51.1	.322	.376	.088	.322	78	54	2.6	3.2	0	24	4	2	1	2.0	0.08	0.08		30	1	0
August	24.542	24.495	56.3	68.4	47.3	51.3	.328	.381	.130	.319	72	54	2.9	4.6	1	23	2	5	0	0.0	0.00	0.00		-	0	0
September	24.522	24.451	60.0	75.6	50.4	53.1	.366	.405	.157	.487	70	45	3.0	4.5	2	17	7	3	1	0.0	0.00	0.00		-	0	2
October	24.477	24.401	65.7	79.7	52.3	54.7	.396	.431	.242	.591	63	42	4.1	6.6	3	15	3	9	1	0.3	0.01	0.01		11	1	7
November	24.463	24.386	65.9	76.0	56.5	57.0	.461	.470	.180	.934	72	52	7.0	7.4	2	4	4	10	10	141.7	5.58	1.97		18	12	18
December	24.457	24.395	64.3	70.2	59.0	60.3	.502	.526	.103	.218	83	71	8.3	8.9	0	4	1	13	13	154.7	6.09	0.84		4	27	28
Year	24.494	24.440	61.3	71.5	53.9	56.3	.424	.461	.127	.321	77	60	5.3	6.6	10	142	48	124	41	774.3	30.50	1.97		Nov. 18	116	156

@ At station level: corrected for temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.										Frequency of Visibility at 8.30h		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max.	Range Min.	Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.			
January	1	0	19	1	0	1	3	0	6	24	1	0	4.9	7.4	78.8	10	51.3	14	75.2	57.1	66.1	24.6	11.0	18.2	1	3	27
February	0	0	19	2	0	0	3	0	4	23	1	0	4.5	6.5	79.7	8	50.0	10	75.8	56.9	66.3	26.5	11.0	18.9	0	1	27
March	0	0	16	0	0	1	3	0	11	20	0	0	2.7	6.3	80.3	24	53.5	31	74.8	56.7	65.7	25.3	12.7	18.1	1	0	30
April	0	0	19	3	0	0	0	0	8	22	0	0	3.1	6.0	79.8	7	52.2	30	73.4	56.2	64.8	26.5	11.8	17.3	1	0	29
May	0	0	20	4	0	0	0	0	7	23	1	0	4.7	8.1	75.6	10,25	42.8	30,31	71.8	52.3	62.1	28.8	13.0	19.5	1	0	30
June	0	3	13	13	0	0	0	0	1	27	2	0	6.0	11.0	74.5	6	37.0	30	68.1	46.6	57.3	29.8	12.0	21.5	0	0	30
July	0	4	16	9	0	0	0	0	2	27	2	0	5.8	12.1	74.7	7	37.5	1	69.3	45.0	57.1	33.6	11.6	24.3	0	0	31
August	0	4	10	15	0	0	0	0	2	24	5	0	6.7	12.3	77.8	10	41.1	6	71.0	47.2	59.1	33.1	12.8	23.7	0	0	31
September	0	1	24	5	0	0	0	0	0	18	12	0	11.0	13.0	82.0	28	44.8	2	77.4	50.4	63.9	34.9	18.2	27.2	0	0	30
October	0	2	26	3	0	0	0	0	0	8	23	0	16.8	12.3	86.2	17	47.5	9	82.2	54.0	68.1	33.2	21.0	28.2	0	2	29
November	0	3	20	2	0	1	1	0	3	22	5	0	8.7	10.1	85.1	16	54.7	2	79.0	57.1	68.0	28.9	12.2	21.9	0	0	30
December	0	3	18	3	0	1	3	1	2	28	1	0	4.9	5.8	79.3	3	53.0	6	75.0	57.3	66.2	25.2	5.2	17.7	0	2	29
Year	1	20	220	60	0	4	13	1	46	266	53	0	6.7	9.2	86.2	Oct. 17	37.0	June 30	74.4	53.1	63.7	34.9	5.2	21.4	4	8	353

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT LYAMUNGU, MOSHI 1946.

Lat.: 3° 14'S Long.: 37° 15'E Alt.: 4100 feet Standard Time 3h 00m East Reference Number 93.37/21

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts						Rainfall				Number of Days of Thun-der.
	h 8.30	h 14.30	Dry Bulb 8.30	Dry Bulb 14.30	Dew Point 8.30	Dew Point 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7	9	10	Total mm.	Total ins.	Max. Fall in 24hrs. ins.	Date	Rain	
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	-	-	68.8	83.8	59.0	59.0	.502	.502	.207	.667	71	43	1.6	5.8	13	10	3	3	0		0.3	0.01	0.01	18	1	1
February	-	-	68.8	86.9	58.1	56.8	.487	.467	.222	.824	69	36	1.0	4.4	15	12	0	0	1		29.7	1.17	0.82	17	6	1
March	-	-	69.0	84.1	59.9	58.8	.520	.499	.198	.676	72	42	3.4	5.8	12	6	5	5	3		14.7	0.58	0.50	-	3	2
April	-	-	66.3	76.6	62.6	63.5	.573	.591	.080	.333	88	64	7.8	8.0	0	4	5	6	15		508.8	20.03	7.43	11	22	0
May	-	-	63.1	70.8	60.6	62.4	.535	.570	.047	.192	92	75	9.4	8.0	0	1	0	9	21		550.9	21.69	5.86	20	24	0
June	-	-	60.6	68.7	57.2	58.6	.473	.496	.062	.213	88	70	9.3	6.5	0	1	0	9	20		65.3	2.57	0.96	7	14	0
July	-	-	59.0	68.7	55.8	56.8	.449	.467	.056	.242	89	66	6.9	6.4	6	2	2	4	17		17.0	0.67	0.12	11	11	0
August	-	-	59.1	68.9	56.8	57.4	.467	.475	.041	.237	92	67	9.4	8.8	0	1	1	4	25		29.2	1.15	0.36	12	17	0
September	-	-	59.8	70.5	58.1	58.6	.487	.496	.050	.257	94	66	9.0	8.0	0	2	2	2	24		201.2	7.92	2.58	20	21	0
October	-	-	63.4	76.1	59.5	60.4	.514	.552	.034	.375	87	59	7.6	5.8	2	2	3	14	10		138.2	5.44	1.82	27	14	0
November	-	-	67.6	77.5	62.4	62.4	.567	.567	.115	.387	83	59	6.2	6.4	2	8	3	10	7		14.0	0.55	0.43	5	5	0
December	-	-	68.4	79.4	61.7	61.3	.555	.546	.145	.464	79	54	3.6	6.3	5	14	3	3	5		63.0	2.48	1.09	9	8	0
Year	-	-	64.5	76.0	59.3	59.7	.511	.517	.106	.406	84	58	6.3	6.7	55	63	27	69	148		1632.3	64.26	7.43	Apr. 11	146	4

@ At station level: corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30			Mean Wind Velocity		Extremes of Temperature of the Air.								Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	>7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + ½ Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	8	4	2	2	1	0	2	3	7	22	0	0	1.6	6.7	91.6	29	51.4	25	87.1	55.3	71.2	37.4	21.4	31.9	0	0	29
February	7	2	4	3	0	3	0	4	5	23	0	0	1.8	7.2	92.3	24	51.6	13	89.5	55.5	72.5	39.4	23.4	34.0	0	0	28
March	3	4	6	7	0	3	1	2	5	26	0	0	2.7	6.5	92.5	15,20	52.0	17	87.4	57.2	72.3	39.6	15.7	30.2	0	0	31
April	2	3	4	17	0	0	0	0	4	26	0	0	3.1	5.1	88.2	6	55.9	6	78.6	60.1	69.3	32.3	8.6	18.5	4	4	22
May	0	0	1	25	1	0	0	0	6	25	0	0	2.7	3.1	77.0	10	55.0	8	71.8	59.4	65.6	18.2	4.9	12.3	5	6	20
June	0	0	4	26	0	0	0	0	0	30	0	0	3.6	3.6	75.8	6	56.3	29	70.2	58.0	64.1	16.6	8.3	12.2	1	5	24
July	0	0	5	20	4	0	0	0	2	29	0	0	4.5	5.1	74.1	27	49.6	3, 4	69.7	54.8	62.3	23.7	6.5	14.9	1	7	23
August	0	1	0	20	3	0	0	0	7	24	0	0	2.9	4.0	75.2	26	54.9	26	70.1	56.7	63.4	20.3	6.3	13.3	4	11	16
September	0	0	1	19	4	0	0	0	6	24	0	0	2.9	5.4	79.0	14	51.1	4	72.5	56.3	64.4	24.1	8.2	16.2	9	8	13
October	0	1	4	26	1	0	0	0	4	27	0	0	2.9	5.8	83.4	16	48.2	21	77.6	55.8	66.7	33.3	10.2	21.8	4	5	22
November	2	6	3	6	1	6	0	0	6	24	0	0	2.2	5.8	86.0	23	54.0	3	80.3	57.2	68.7	30.1	14.2	23.1	1	2	27
December	1	7	3	10	4	2	0	0	3	27	0	0	2.5	5.6	86.0	21	53.4	30	82.6	57.0	69.8	31.5	13.9	25.6	0	1	29
Year	23	28	37	174	19	14	3	9	55	307	0	0	2.8	5.3	92.5	Mar. 15,20	48.2	Oct. 21	78.1	56.9	@ 67.5	39.6	4.9	21.2	29	49	284

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MBEYA METEOROLOGICAL STATION 1946.

Lat.: 8° 56'8 Long.: 33° 28'E Alt.: 5768 feet Standard Time 3h 00m East Reference Number 98.33/01.

Month	Atmospheric Pressure @ h 8.30	h 14.30	Temperature Dry Bulb h 8.30	14.30	Dew Point h 8.30	14.30	Vapour Pressure h 8.30	h 14.30	Saturation Deficit h 8.30	h 14.30	Relative Humidity h 8.30	h 14.30	Total Cloud Amt. h 8.30	h 14.30	Number of occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total mm.	Max.Fall in 24hrs ins.	Date	Days of Rain	Thun-der.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%												
January	24.463	24.404	63.8	70.9	57.4	59.0	.475	.505	.124	.257	79	86	7.9	8.4	1	2	2	19	7	112.9	4.43	0.83	19	17	25
February	24.448	24.395	63.8*	71.9	58.3	59.4	.490	.511	.109	.280	82	65	7.7	8.3	0	1	4	21	2	160.5	6.32	0.91	3	19	23
March	24.451	24.398	62.8	71.2	58.8	60.4	.499	.532	.077	.239	87	69	7.4	8.6	0	5	5	17	4	84.6	3.33	0.94	12	18	25
April	24.480	24.442	63.4	68.8	57.9	60.4	.484	.529	.104	.180	82	75	6.5	8.6	0	6	6	17	1	111.3	4.38	1.18	17	17	21
May	24.519	24.483	60.1	69.5	54.0	57.4	.419	.475	.104	.251	80	65	4.1	6.5	1	17	5	7	1	7.1	0.28	0.21	20	4	7
June	24.563	24.528	55.9	67.1	48.6	52.0	.343	.390	.109	.280	75	57	2.2	3.2	0	24	5	1	0	0.0	0.00	0.00	-	0	0
July	24.539	24.501	53.5	68.3	46.8	51.1	.322	.378	.088	.322	78	54	2.6	3.2	0	24	4	2	1	2.0	0.08	0.08	30	1	0
August	24.542	24.495	56.3	68.4	47.3	51.3	.328	.381	.130	.319	72	54	2.9	4.6	1	23	2	5	0	0.0	0.00	0.00	-	0	0
September	24.522	24.451	60.0	75.6	50.4	53.1	.366	.405	.157	.487	70	45	3.0	4.5	2	17	7	3	1	0.0	0.00	0.00	-	0	2
October	24.477	24.401	65.7	79.7	52.3	54.7	.396	.431	.242	.591	63	42	4.1	6.6	3	15	3	9	1	0.3	0.01	0.01	11	1	7
November	24.463	24.386	65.9	76.0	56.5	57.0	.461	.470	.180	.434	72	52	7.0	7.4	2	4	4	10	10	141.7	5.58	1.97	18	12	18
December	24.457	24.395	64.3	70.2	59.0	60.3	.502	.526	.103	.218	83	71	8.3	8.9	0	4	1	13	13	154.7	6.09	0.84	4	27	28
Year	24.494	24.440	61.3	71.5	53.9	56.3	.424	.461	.127	.321	77	60	5.3	6.6	10	112	48	124	41	774.3	30.50	1.97	Nov. 18	116	156

@ At station level: corrected for temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h 1-3	4-7	>7	Mean Wind Velocity h 8.30 m.p.h.	h 14.30 m.p.h.	Extremes of Temperature of the Air. Max.	Date	Min	Date	Mean Max.	Mean Min	Max	Min	Range Mean	Mean	Frequency of Visibility at 8.30h Fog	Mist	Good Vis.
															F.		F.		F.	F.	F.	F.	F.	F.			
January	1	0	19	1	0	1	3	0	6	24	1	0	4.9	7.4	78.2	10	51.7	14	75.2	57.1	66.1	24.6	11.0	18.2	1	3	27
February	0	0	19	2	0	0	3	0	4	23	1	0	4.5	6.5	79.7	8	50.0	10	75.8	56.9	66.3	26.5	11.0	18.9	0	1	27
March	0	0	16	0	0	1	3	0	11	20	0	0	2.7	6.3	80.3	24	53.5	31	74.8	56.7	65.7	25.3	12.7	18.1	1	0	30
April	0	0	19	3	0	0	0	0	8	22	0	0	3.1	6.0	79.8	7	52.2	30	73.4	56.2	64.8	26.5	11.8	17.3	1	0	29
May	0	0	20	4	0	0	0	0	7	23	1	0	4.7	8.1	75.6	10,25	42.8	30,31	71.8	52.3	62.1	28.8	13.0	19.5	1	0	30
June	0	3	13	13	0	0	0	0	1	27	2	0	6.0	11.0	74.5	6	37.0	30	68.1	46.6	57.3	29.8	12.0	21.5	0	0	30
July	0	4	16	9	0	0	0	0	2	27	2	0	5.8	12.1	74.7	7	37.5	1	69.3	45.0	57.1	33.6	11.6	24.3	0	0	31
August	0	4	10	15	0	0	0	0	2	24	5	0	6.7	12.3	77.8	10	41.1	6	71.0	47.2	59.1	33.1	12.8	23.7	0	0	31
September	0	1	24	5	0	0	0	0	0	18	12	0	11.0	13.0	82.0	28	44.8	2	77.4	50.4	63.9	34.9	18.2	27.2	0	0	30
October	0	2	26	3	0	0	0	0	0	8	23	0	16.8	12.3	86.2	17	47.5	9	82.2	54.0	68.1	33.2	21.0	28.2	0	2	29
November	0	3	20	2	0	1	1	0	3	22	5	0	8.7	10.1	85.1	16	54.7	2	79.0	57.1	68.0	28.9	12.2	21.9	0	0	30
December	0	3	18	3	0	1	3	1	2	28	1	0	4.9	5.8	79.3	3	53.0	6	75.0	57.3	66.2	25.2	5.2	17.7	0	2	29
Year	1	20	220	60	0	4	13	1	46	266	53	0	6.7	9.2	86.2	Oct. 17	37.0	June 30	74.4	53.1	63.7	34.3	5.2	21.4	4	8	353

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MBULU, 1946.

Lat.: 3° 52'S Long.: 35° 33'E Alt.: 5700 feet. Standard Time 3h 00m East Reference Number 93.35/01

Month	Atmospheric Pressure @ h 8.30	h 14.30	Temperature Dry Bulb 8.30	Dry Bulb 14.30	Dew Point 8.30	Dew Point 14.30	Vapour Pressure h 8.30	h 14.30	Saturation Deficit h 8.30	h 14.30	Relative Humidity h 8.30	h 14.30	Total Cloud Amt. h 8.30	h 14.30	Number of Occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total mm.	Total ins.	Max. Fall in 24hrs. ins.	Date	Rain	Number of Days of Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	-	-	65.8	77.4	55.2	52.0	.440	.390	.159	.558	73	41	4.5	4.0	0	14	8	9	0	56.1	2.21	0.70	19	9	.
February	-	-	66.1	81.3	54.5	46.6	.428	.319	.216	.759	67	30	2.6	3.0	3	20	5	1	1	16.3	0.64	0.40	27	3	3
March	-	-	64.6	75.1	57.9	54.7	.484	.451	.150	.446	79	49	5.7	5.6	1	9	7	7	7	160.5	6.32	3.68	1	9	3
April	-	-	61.9	73.0	59.0	60.8	.502	.557	.056	.284	90	65	9.4	7.0	0	0	1	8	21	300.0	11.81	3.81	11	18	4
May	-	-	58.7	67.0	56.1	58.1	.455	.487	.041	.177	92	73	9.2	6.8	0	0	1	12	18	53.6	2.11	0.67	5	15	0
June	-	-	55.8	66.0	51.8	54.7	.387	.431	.062	.235	86	67	8.3	5.5	1	0	7	8	14	0.0	0.00	0.00	-	0	0
July	-	-	54.9	66.5	50.0	50.9	.363	.375	.071	.284	84	57	7.5	5.2	1	5	4	6	15	0.0	0.00	0.00	-	0	0
August	-	-	55.4	66.4	51.3	52.0	.381	.390	.062	.263	86	60	9.3	6.5	0	0	3	6	22	0.3	0.01	0.01	3	1	0
September	-	-	56.1	68.4	52.2	52.7	.402	.402	.053	.298	88	57	9.8	6.5	0	0	0	5	25	25.7	1.01	0.36	23	7	0
October	-	-	60.2	74.0	55.2	56.8	.440	.467	.086	.378	84	55	8.0	5.1	0	3	5	12	11	44.4	1.75	0.65	31	6	1
November	-	-	63.6	76.1	59.0	60.1	.502	.523	.092	.384	85	58	8.4	7.2	0	2	4	10	14	44.7	1.76	0.54	12	9	2
December	-	-	64.3	76.2	59.7	60.8	.517	.537	.088	.376	85	59	6.7	5.6	1	7	5	11	7	78.2	3.08	1.43	9	9	0
Year	-	-	60.5	72.3	55.2	55.0	.442	.441	.095	.368	83	56	7.5	5.7	7	60	48	95	155	779.8	30.70	3.81	Apr. 11	86	14

@ At station level: corrected for temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30 1-3	4-7	>7	Mean Wind Velocity h 8.30	h 14.30	Extremes of Temperature of the Air. Max.	Date	Min.	Date	Mean Max.	Mean Min.	Range Max.	Range Min.	Range Mean	Frequency of Visibility at 8.30 Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.			
January	0	11	5	11	2	2	0	0	0	28	3	0	5.8	8.5	83.0	10,11	52.0	16	79.5	57.6	68.5	30.0	10.0	21.9	0	0	31
February	0	5	9	8	3	0	1	2	0	24	4	0	6.7	12.8	88.0	26	51.0	2,20,21	83.6	56.1	69.9	36.0	15.0	27.5	0	0	28
March	0	0	1	15	7	0	0	0	4	15	12	0	8.5	12.8	83.0	12,25	52.0	25	79.1	57.7	68.4	29.0	11.0	21.5	0	1	30
April	0	0	1	24	5	0	0	0	0	17	13	0	8.9	10.3	80.0	7	56.0	2,15,16	74.6	58.8	66.7	21.0	11.0	15.8	0	25	5
May	0	0	0	25	6	0	0	0	0	20	11	0	8.9	10.3	73.0	1	54.0	25,30	68.8	56.5	62.7	15.0	8.5	13.2	0	21	10
June	0	0	0	24	6	0	0	0	0	8	22	0	15.7	16.1	72.0	6	47.0	30	68.0	52.5	60.3	22.0	12.0	15.5	0	4	26
July	0	0	3	22	6	0	0	0	0	14	17	0	11.9	15.7	73.0	2	40.0	3	68.1	50.1	59.1	31.0	11.0	18.0	0	2	29
August	0	0	1	25	5	0	0	0	0	10	21	0	13.6	15.4	74.0	22	50.0	6	69.2	53.1	61.1	22.0	9.0	16.1	0	2	29
September	0	0	3	23	4	0	0	0	0	12	17	1	13.4	15.7	75.0	14	51.0	26	71.2	53.3	62.3	22.0	11.0	18.0	0	5	25
October	0	0	2	25	3	0	0	1	0	16	15	0	10.3	15.7	83.0	16	51.0	20	77.1	55.6	66.3	28.0	13.0	21.5	0	3	28
November	0	1	6	14	9	0	0	0	0	25	5	0	6.5	11.9	83.0	19,23	51.0	15	78.1	58.0	68.0	28.0	16.0	20.1	0	0	30
December	0	2	3	23	2	1	0	0	0	23	8	0	7.4	14.6	81.0	30,31	51.0	often	78.4	56.2	67.3	29.0	15.0	22.1	0	0	31
Year	0	19	34	239	58	3	1	7	4	212	148	1	9.8	13.1	88.0	Feb. 26	40.0	July 3	74.6	55.5	65.1	36.0	14.5	19.2	0	63	302

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MOROGORO 1946.

Lat.: 6° 51'S Long.: 37° 40'E Alt.: 1900 feet Standard Time 3h 00m East Reference Number 96.37/00

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h 8.30	h 14.30	Dry Bulb 8.30	Dry Bulb 14.30	Dew Point 8.30	Dew Point 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	1-3	4-6	7-9	10	Total mm.	Total ins.	Max. Fall in 24hrs. ins.	Date	Rain	Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%													
January	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.0	0.71	0.32	20	4	
February	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.8	0.07	0.04	22	3	
March	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	110.7	4.36	2.34	1	6	
April	-	-	73.7	82.7	71.4	72.7	.774	.809	.065	.329	92	72	7.8	8.0	0	0	11	6	10	198.1	7.80	1.46	8	21	11
May	-	-	70.2	79.8	68.4	70.5	.700	.753	.044	.275	94	75	7.2	7.9	0	4	8	8	11	77.5	3.05	1.20	19	15	0
June	-	-	65.7	79.9	62.2	65.1	.564	.623	.074	.405	88	61	4.1	6.4	1	2	13	3	1	0.0	0.00	0.00	-	0	0
July	-	-	65.5	79.7	61.5	61.7	.552	.555	.080	.467	87	54	4.7	6.2	6	5	10	7	3	13.5	0.53	0.50	29	3	0
August	-	-	67.1	80.9	63.5	63.0	.591	.579	.079	.487	88	54	4.2	7.0	2	14	9	4	2	14.7	0.58	0.27	7	6	0
September	-	-	69.2	82.3	64.0	63.0	.602	.579	.119	.531	84	52	6.1	6.9	0	5	14	9	2	21.1	0.83	0.40	20	6	0
October	-	-	71.6	86.5	65.7	64.0	.638	.602	.142	.674	82	47	5.3	4.5	0	9	15	4	3	52.8	2.08	0.91	29	7	2
November	-	-	75.6	87.8	68.9	67.5	.712	.679	.180	.647	80	51	6.2	5.3	0	8	8	7	5	13.7	0.54	0.27	26	3	4
December	-	-	76.2	88.1	70.3	69.	.750	.718	.163	.626	82	53	5.8	6.3	0	7	14	9	0	45.2	1.78	0.73	19	9	10
Year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	567.1	22.33	2.34	Mar. 1	83	

@ At station level: corrected for temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30			Mean Wind Velocity		Extremes of Temperature of the Air.										Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	3	4-7	>7	h 8.30	h 14.30	Max	Date	Min.	Date	Mean Max.	Mean Min.	Mean	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F	F.	F.	F.	F.	F.			
January	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
April	0	2	0	0	0	0	1	4	20	7	10	0	0.4	2.2	-	-	65.3	30		69.2	-				1	4	22
May	1	1	0	1	0	5	2	1	20	11	0	0	0.9	1.8	-	-	57.3	30		65.4					0	1	30
June	2	0	0	0	0	0	1	3	23	7	0	0	0.4	2.0	-	-	52.0	30		59.1					0	0	30
July	0	2	0	0	0	2	2	2	23	8	0	0	0.4	2.5	86.0	28	50.0	4	81.6	58.0	69.8	32.0	7.2	23.5	0	0	31
August	1	0	0	0	1	3			25	6	0	0	0.4	2.7	90.0	21	53.2	6	84.3	60.5	72.4	31.8	2.0	23.7	0	0	31
September	0	0	0	0	0	3	4	0	23	7	0	0	0.4	2.7	89.2	13	58.2	9	84.8	63.2	74.0	28.0	9.5	21.6	0	0	30
October	1	2	0	0	0	4	4	2	18	13	0	0	0.9	2.5	94.7	23	60.0	2	88.8	64.3	76.5	31.2	14.0	24.5	0	1	30
November	1	13	2	1	0	1	1	0	9	19	0	0	2.5	5.1	95.7	23	61.0	7	89.9	68.0	79.0	31.0	14.7	21.8	0	0	28
December	3	14	6	1	0	1	0	1	4	26	0	0	4.0	5.4	93.0	often	67.0	5	90.7	70.8	80.7	26.0	15.0	20.1	0	0	30
Year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MOSHI METEOROLOGICAL STATION 1946.

Lat.: 3° 21'S Long.: 37° 20'E Alt.: 2668 ft. Standard Time 3h 00m East. Reference Number 93.37/04.

Month	Atmospheric Pressure ●		Temperature						Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
			Dry Bulb		Dew Point																	Total		Max. Fall			
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm.	ins.	in 24 hrs.	Date	Rain	Thunder.
	ins.	ins.	F.	F.	°F.	F.	ins.	ins.	ins.	ins.	%	%												ins.			
January	27.215	27.067	73.0	92.0	61.2	57.7	.543	.481	.278	1.031	66	32	2.2	4.3	0	24	6	1	0			1.0	0.04	0.04	28	1	7
February	27.194	27.044	72.7	93.9	61.0	57.4	.540	.475	.269	1.132	67	30	2.1	3.5	1	23	2	1	1			10.9	0.43	0.33	27	2	7
March	27.206	27.055	73.8	92.3	63.3	59.0	.566	.505	.251	1.022	70	33	4.1	4.8	0	17	4	10	0			13.7	0.54	0.39	1	4	6
April	27.235	27.117	72.5	85.9	66.0	63.5	.647	.591	.159	.655	80	47	7.2	6.1	0	5	5	17	3			328.9	12.95	5.11	17	15	6
May	27.303	27.212	68.6	77.9	64.4	64.9	.608	.620	.095	.343	87	64	9.0	6.9	0	0	0	24	7			124.7	4.91	2.06	6	17	0
June	27.368	27.271	67.0	77.0	61.3	60.8	.546	.537	.118	.399	82	57	8.5	7.0	0	1	3	19	7			0.8	0.03	0.02	18	2	0
July	27.360	27.262	64.8	77.3	58.5	58.6	.493	.496	.124	.452	80	52	7.9	5.9	0	5	1	15	10			7.4	0.29	0.11	30	4	0
August	27.357	27.256	65.6	76.9	59.9	59.2	.520	.506	.121	.422	81	55	8.8	8.3	0	1	2	15	13			7.1	0.28	0.16	24	4	0
September	27.336	27.218	65.9	78.3	60.3	59.5	.526	.514	.115	.461	82	53	8.8	7.5	0	3	0	14	13			157.0	6.18	1.31	21	12	0
October	27.274	27.135	69.0	82.9	62.8	61.3	.576	.546	.142	.59:	80	48	7.7	5.2	0	4	2	19	6			118.4	4.66	3.28	27	7	1
November	27.221	27.076	73.0	85.7	65.1	63.3	.623	.586	.198	.652	76	47	6.4	5.8	0	7	5	18	0			6.6	0.26	0.16	3	2	8
December	27.200	27.070	73.9	88.4	64.4	63.1	.608	.582	.237	.768	72	43	3.9	5.5	0	18	5	8	0			53.1	2.09	1.38	8	5	9
Year	27.272	27.149	70.0	84.0	62.3	60.7	.568	.537	.176	.661	77	47	6.4	5.9	1	108	35	161	60			829.6	32.66	5.11	April 17	75	44

● At Station level: corrected for Temperature and to Standard Gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of Air.												Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	> 7	8.30	14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	½ Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	2	1	1	7	4	4	10	1	1	30	0	0	2.7	9.4	99.0	30	59.8	26	94.5	63.5	79.0	37.0	21.8	31.0	0	0	31
February	0	1	5	3	3	4	11	1	0	28	0	0	3.1	9.4	100.0	20	59.0	20	96.6	62.8	79.7	41.0	12.7	33.8	0	0	28
March	2	1	3	4	7	7	4	3	0	31	0	0	2.7	9.6	100.2	20	61.8	24	95.0	65.5	80.3	36.4	15.5	29.6	0	0	31
April	2	1	11	8	3	1	0	3	1	28	1	0	4.3	9.6	96.1	7	64.6	6	88.2	67.9	78.1	31.1	10.5	20.3	0	2	28
May	7	3	7	6	2	1	3	1	1	30	0	0	3.4	4.7	84.0	13	61.6	8	79.5	65.5	72.5	19.6	4.8	14.0	0	4	27
June	6	4	7	4	1	1	0	4	3	27	0	0	2.7	3.8	83.7	21	53.4	30	78.8	63.6	71.2	26.0	8.8	15.2	0	0	30
July	5	2	11	4	4	3	0	0	2	29	0	0	2.5	4.9	84.4	19	51.5	3	78.9	60.2	69.5	29.2	7.2	18.7	0	0	31
August	5	3	3	10	4	2	1	1	2	29	0	0	2.5	4.7	83.6	27	58.4	31	79.1	62.4	70.7	24.5	6.8	16.6	0	1	30
September	3	1	3	12	9	0	1	0	1	28	1	0	3.4	6.9	86.2	14	56.4	4	80.5	62.8	71.3	27.7	9.5	18.5	1	7	22
October	2	1	4	13	7	2	2	0	0	31	0	0	4.9	6.9	89.3	18	53.4	21	84.9	62.2	73.5	34.2	14.2	22.7	0	1	30
November	1	1	9	6	5	3	3	2	0	28	2	0	4.7	8.8	93.0	23	59.1	16	87.6	63.1	75.3	32.4	13.6	24.5	0	0	30
December	0	0	2	4	8	5	10	2	0	31	0	0	3.8	7.4	94.6	22	58.9	17	90.8	62.8	76.8	33.3	17.8	28.0	0	0	31
Year	35	19	66	81	57	33	45	18	11	350	4	0	3.4	7.3	100.2	Mar. 20	51.9	July 3	86.2	63.5	74.8	41.0	4.8	22.7	1	15	349

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MPWAPWA, 1946.

Lat.: 6° 20'S Long.: 36° 30'E Alt.: 3700 feet Standard Time 3h 00m East Reference Number 96.36/00

Month	Atmospheric Pressure @ 8.30 h (ins.)	Atmospheric Pressure @ 14.30 h (ins.)	Temperature Dry Bulb 8.30 h (F.)	Temperature Dry Bulb 14.30 h (F.)	Temperature Dew Point 8.30 h (F.)	Temperature Dew Point 14.30 h (F.)	Vapour Pressure 8.30 h (ins.)	Vapour Pressure 14.30 h (ins.)	Saturation Deficit 8.30 h (ins.)	Saturation Deficit 14.30 h (ins.)	Relative Humidity 8.30 h (%)	Relative Humidity 14.30 h (%)	Total Cloud Amt. 8.30 h (%)	Total Cloud Amt. 14.30 h (%)	Number of Occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total (ins.)	Rainfall Max. Fall in 24hrs. (ins.)	Date	Number of Days of Rain	Thunder
January	-	-	69.6	83.2	63.7	61.5	.594	.549	.135	.594	81	48	4.5	4.8	7	6	9	6	3	137.7	5.42	2.40	19	8	1
February	-	-	70.0	86.9	63.5	59.9	.591	.520	.142	.771	80	40	3.6	5.1	11	4	6	5	2	45.7	1.80	0.90	22	5	1
March	-	-	69.7	82.3	64.9	64.9	.620	.620	.109	.490	85	56	4.2	6.0	7	9	4	6	4	216.9	8.54	2.69	30	14	1
April	-	-	69.9	78.3	63.9	64.0	.597	.602	.141	.373	81	62	7.1	6.6	2	3	6	12	7	55.9	2.20	0.60	15	7	0
May	-	-	67.5	75.8	60.6	60.4	.535	.529	.144	.369	79	59	7.0	6.6	2	2	9	10	8	20.6	0.81	0.42	19	7	0
June	-	-	66.4	76.3	52.7	54.0	.402	.419	.251	.494	62	46	3.5	4.4	8	8	8	6	0	0.0	0.00	0.00	-	0	0
July	-	-	63.9	75.4	53.6	51.8	.415	.387	.186	.499	69	44	4.7	3.7	9	4	6	7	5	0.0	0.00	0.00	-	0	0
August	-	-	64.4	76.5	55.0	52.3	.437	.396	.171	.592	72	43	5.3	5.3	3	7	8	9	4	0.0	0.00	0.00	-	0	0
September	-	-	66.3	78.2	56.3	54.3	.458	.425	.203	.550	69	44	5.5	5.3	4	5	8	10	3	2.5	0.10	0.06	24	2	0
October	-	-	70.1	83.1	57.6	53.8	.478	.416	.266	.727	64	36	3.0	4.1	6	11	12	2	0	9.7	0.38	0.20	27	4	0
November	-	-	72.1	84.1	59.0	56.1	.502	.455	.292	.720	63	39	3.9	4.9	7	8	7	6	2	56.1	2.21	1.02	29	8	0
December	-	-	71.9	82.0	64.2	61.3	.605	.546	.186	.558	76	49	4.0	5.0	4	13	6	7	1	74.2	2.92	0.80	1	10	0
Year	-	-	68.5	80.2	59.6	57.9	.519	.489	.186	.556	73	47	4.7	5.1	70	80	89	86	39	619.3	24.38	2.69	Mar. 30	65	3

@ At station level: corrected for temperature and to standard gravity

Month	Frequency of Wind Direction at 8.30h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h 1-3	4-7	>7	Mean Wind Velocity 8.30 h (m.p.h.)	14.30 h (m.p.h.)	Extremes of Temperature of the Air. Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max.	Min.	Range Mean	Frequency of Visibility at 8.30 Fog	Mist	Good Vis.
January	0	0	1	1	1	6	1	0	21	10	0	0	0.7	3.4	91.8	10	55.0	26	85.8	60.6	73.2	32.8	7.9	25.2	0	2	29
February	1	0	3	1	0	5	3	1	14	14	0	0	1.1	5.8	97.2	21	53.6	23	89.3	60.7	74.7	42.4	18.7	29.2	0	0	28
March	0	1	2	1	4	1	3	0	18	12	0	0	.6	5.8	89.6	2	54.0	25	84.3	61.8	75.3	30.8	8.3	22.7	0	0	30
April	0	7	10	4	2	1	1	0	5	25	0	0	2.9	4.0	84.9	7	57.7	6	80.5	63.8	72.2	26.5	10.0	16.6	0	0	30
May	0	5	14	0	1	0	0	0	1	20	0	0	1.6	2.0	82.9	10	56.5	3	77.9	63.0	70.5	24.1	4.9	14.9	0	0	31
June	0	9	21	0	0	0	0	0	0	30	0	0	2.5	2.7	80.6	4	58.6	30	77.3	62.1	69.7	20.0	11.3	15.1	0	0	30
July	0	10	14	6	0	0	0	0	1	30	0	0	2.5	2.9	79.5	2,27	50.0	26	76.4	58.0	67.2	29.2	7.8	18.4	0	0	31
August	0	8	13	5	1	0	0	0	4	27	0	0	2.0	3.1	82.2	10,11	50.0	24	78.0	59.0	68.5	30.6	10.4	19.1	0	0	31
September	0	5	11	9	2	1	2	0	0	30	0	0	2.5	3.8	84.0	1	59.0	6	79.6	63.5	71.5	21.7	9.2	16.1	0	0	30
October	0	1	6	18	2	1	1	0	2	29	0	0	2.0	3.6	88.3	16	51.8	3	84.7	58.9	71.8	34.0	15.8	25.8	0	0	31
November	1	2	3	8	9	2	3	2	0	30	0	0	2.2	2.5	92.3	23	55.4	1	87.7	59.3	73.8	33.3	20.2	27.7	0	0	30
December	1	4	1	6	3	14	1	0	0	31	0	0	2.5	2.7	90.5	2	49.3	2	86.4	60.4	73.4	37.1	16.2	26.1	0	0	31
Year	3	52	99	59	25	31	15	4	76	288	0	0	2.0	3.5	97.2	21	49.3	Feb. 2	82.3	60.9	71.6	42.4	4.9	21.4	0	2	362

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MUSOMA 1946.

Lat.: 1° 30'S Long.: 33° 48'E Alt.: 3764 feet Standard Time 3h 00m East Reference Number 91.33/00.

Month	Atmospheric Pressure ●		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt		Number of Occasions at 8.30h of Cloud Amounts					Rainfall				Number of Days of	
	h	h	Dry Bulb		Dew Point		h	h	h	h	h	h	h	h						Total		Max. Fall			Thun-
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	mm.	ins.	in 24hrs.	Date	Rain	der.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	26.155	26.063	71.4	81.2	60.6	65.1	.535	.626	.242	.466	69	59	4.9	3.6	0	12	9	8	0	16.0	0.63	0.37	11	4	0
February	26.140	26.048	73.5	83.4	59.4	63.5	.511	.591	.324	.564	61	51	3.9	3.0	0	16	5	7	0	7.6	0.30	0.18	28	6	0
March	26.155	26.060	71.9	81.6	65.8	70.7	.641	.756	.150	.334	81	69	5.6	4.6	2	7	6	14	0	53.6	2.11	0.73	11	14	2
April	26.199	26.122	70.4	77.0	66.6	69.4	.656	.724	.091	.212	88	77	6.2	5.7	0	5	10	9	6	139.2	5.48	1.10	19	20	8
May	26.229	26.175	69.6	79.8	66.6	67.6	.659	.682	.070	.346	90	66	5.9	4.2	0	4	15	11	1	169.9	6.69	1.42	14	21	10
June	26.264	26.217	68.4	78.5	61.7	63.9	.555	.597	.148	.383	80	61	3.5	3.4	0	16	12	2	0	30.2	1.19	0.44	3	7	4
July	26.231	26.181	67.7	79.4	58.1	61.3	.487	.546	.195	.464	71	54	3.5	3.5	0	15	12	3	0	8.6	0.34	0.20	25	3	0
August	26.252	26.202	67.2	77.7	59.4	61.2	.511	.543	.162	.414	76	57	3.7	3.7	0	15	12	4	0	21.3	0.84	0.34	10	5	8
September	26.220	26.149	69.6	80.1	59.4	63.0	.511	.579	.218	.455	70	56	3.2	3.6	0	16	13	1	0	14.5	0.57	0.25	23	6	11
October	26.190	26.081	70.9	80.4	60.4	63.3	.532	.588	.230	.460	69	56	3.3	3.1	0	18	11	1	1	10.4	0.41	0.13	25	8	4
November	26.187	26.078	71.2	78.3	62.4	65.3	.570	.629	.201	.346	74	65	3.7	3.3	0	12	16	2	0	59.9	2.36	0.54	26	20	1
December	26.175	26.081	69.5	78.1	63.0	65.8	.579	.641	.147	.328	80	66	3.3	2.8	0	18	10	3	0	119.1	4.69	1.72	8	14	2
																							Dec.		
Year	26.200	26.121	70.1	79.6	61.9	65.0	.562	.625	.181	.396	76	61	4.2	3.7	2	154	131	65	8	650.3	25.61	1.72	6	128	50

● At station level: corrected for temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h.									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.									Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	> 7	8.30	14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max.	Min.	Mean	Fog	Mist	Good Vis.
													h	h							Range					
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.			
January	8	0	20	0	1	0	0	0	0	29	0	0	9.2	9.8	91.0	1, 2	63.5	12,24	85.3	66.2	75.7	25.5	19.5	19.1	0	0	29
February	2	0	20	0	5	0	1	0	0	28	0	0	8.7	9.8	91.0	19	65.0	21,28	86.5	67.4	76.9	25.0	8.0	19.1	0	0	28
March	0	0	17	4	2	0	4	1	1	28	0	0	6.5	12.5	92.3	25	61.5	1	84.9	66.3	75.6	26.9	9.0	18.6	0	0	29
April	0	7	8	9	0	0	0	1	5	25	0	0	4.5	10.3	87.3	14	62.3	24	81.3	66.4	73.9	20.9	6.2	14.9	0	2	28
May	2	1	6	20	0	0	0	0	2	29	0	0	5.0	8.7	86.2	12	60.5	19	82.2	65.7	73.9	19.9	11.0	16.5	0	0	31
June	0	1	0	29	0	0	0	0	0	30	0	0	6.7	9.4	88.4	21	60.3	20	81.1	64.8	72.9	24.0	8.8	16.3	0	6	24
July	0	0	0	30	0	0	0	0	0	30	0	0	7.8	8.5	85.4	21	61.3	17	82.0	64.6	73.3	24.0	11.8	17.4	0	3	27
August	0	0	0	30	0	0	0	0	1	30	0	0	6.9	9.4	85.4	23,27	60.1	24	80.9	64.3	72.6	25.0	6.5	16.6	0	4	27
September	0	0	0	30	0	0	0	0	0	29	1	0	7.2	9.4	91.4	21	61.2	25	84.1	65.5	74.7	26.8	8.9	18.5	0	0	30
October	1	0	0	30	0	0	0	0	0	31	0	0	7.8	9.4	90.3	25	62.4	5	84.1	66.3	75.2	24.9	11.0	17.6	0	1	30
November	0	0	0	29	0	0	0	0	1	29	0	0	5.8	9.8	89.3	17	62.2	21	82.1	66.1	74.1	22.1	6.9	16.0	0	0	30
December	0	0	0	31	0	0	0	0	0	31	0	0	6.5	9.6	85.3	7	62.3	5	81.3	65.4	73.4	20.9	10.2	15.9	0	0	31
Year	13	9	71	242	8	0	5	2	10	349	1	0	7.0	9.7	92.3	March 25	60.1	April 24	83.0	65.1	74.4	26.9	6.2	17.3	0	16	344

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MWANZA 1946.

Lat.: 2° 31'S Long.: 32° 54'E Alt.: 3709 ft. Standard Time 3h 00m East. Reference Number 92.32/00.

Month	Atmospheric Pressure @		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts					Rainfall					Number of Days of	
	h	h	Dry Bulb		Dew Point		h	h	h	h	h	h	h	h						Total					Thund-	
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-7	7-9	10	mm.	Ins.	Max. Fall in 24hrs.	Date	Rain	der.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%										ins.			
January	-	-	71.8	84.2	63.5	66.4	.591	.653	.195	.531	75	55	3.1	3.9	0	27	4	0	0	37.1	1.46	0.94	20	9	0
February	-	-	73.1	87.5	63.3	65.8	.588	.641	.233	.670	70	49	3.1	3.9	0	16	2	0	0	1.3	0.05	0.05	1	1	0
March	-	-	72.1	-	64.4	-	.608	-	.186	-	77	-	4.4	3.5	6	5	11	6	3	88.6	3.49	-	-	12	0
April	-	-	72.0	77.1	65.1	64.4	.623	.608	.168	.334	79	65	7.1	6.6	0	2	4	24	0	166.9	6.57	1.73	5	20	0
May	-	-	71.9	76.5	63.1	64.0	.582	.602	.209	.316	74	66	4.3	4.3	0	11	16	4	0	82.0	3.23	1.03	1	11	0
June	-	-	70.2	78.4	59.4	61.2	.511	.543	.233	.437	69	56	3.8	4.2	5	6	19	0	0	7.9	0.31	0.19	20	5	0
July	-	-	70.0	81.9	57.9	62.2	.484	.564	.254	.535	64	51	3.1	4.1	6	10	11	2	0	4.6	0.18	0.17	7	2	0
August	-	-	69.8	79.2	59.9	63.9	.520	.599	.215	.405	71	60	4.0	4.9	5	8	17	1	0	37.3	1.47	0.69	4	5	0
September	-	-	73.0	81.9	58.5	62.8	.493	.576	.328	.523	60	52	3.3	4.4	5	12	11	2	0	6.1	0.24	0.10	23	4	0
October	-	-	75.0	80.1	62.2	64.6	.564	.617	.313	.417	65	60	3.9	4.3	1	13	14	3	0	116.6	4.59	1.86	9	8	0
November	-	-	72.3	77.6	64.4	65.5	.608	.635	.192	.319	76	67	4.9	4.7	0	7	19	4	0	218.9	8.62	1.94	24	17	0
December	-	-	72.0	78.5	65.5	66.6	.635	.659	.156	.321	80	67	4.2	4.7	0	13	17	1	0	163.6	6.44	2.00	8	13	0
Year	-	-	71.9	-	62.3	-	.567	-	.223	-	72	-	4.1	4.5	30	130	145	47	3	930.9	36.65	2.00	Dec. 8	107	0

@ At station level: corrected for Temperature and to Standard Gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air										Frequency of Visibility at 8.30		
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	7	h 8.30	h 14.30	Max.	Date	Min.	Date	Mean Max.	Mean Min.	% Max + Min	Range Max.	Range Min.	Range Mean	Fog	Mist	Good Vis.
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.	F.			
January	0	0	0	26	0	0	0	5	0		-		-	-	91.4	2	-		86.0	-	-	-	-	-	0	0	31
February	0	1	0	15	0	0	0	2	0						91.4	often			86.5						0	0	18
March	0	6	2	5	9	8	0	1	0		-		-	-	91.4	24,25			84.9			-	-	-	1	3	27
April	3	0	2	0	19	6	0	0	0		-	-	-	-	89.6	1,2			82.4						0	0	30
May	1	0	4	0	26	0	0	0	0		-	-	-	-	86.0	1,17,18			82.1						0	0	31
June	1	1	2	0	24	1	1	0	0		-	-		-	84.2	often			82.3						0	0	30
July	1	0	2	0	27	1	0	0	0		-	-	-	-	86.0	often	-		83.3						0	0	31
August	0	0	2	0	27	1	1	0	0		-		-		87.6	24,26			80.9			-	-	-	0	0	31
September	0	0	7	2	19	2	0	0	0		-		-		89.6	22			83.9			-	-	-	0	0	30
October	9	3	7	0	11	1	0	0	0		-		-		87.6	2			82.7			-	-	-	0	0	31
November	2	0	6	0	20	0	2	0	0		-				86.0	often			80.4			-	-	-	0	0	30
December	2	0	4	1	17	6	1	0	0		-				86.0	20			80.4			-	-	-	0	0	31
Year	19	11	38	49	199	26	5	8	0		-	-	-	-	91.4	(1)			83.1						1	3	351

(1) Several dates June 2nd. Feb. March. 24th, 25th

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT SONGEA 1946.

Lat.: 10° 41'S Long.: 35° 40'E Alt.: 3783 feet Standard Time 3h 00m East Reference Number 100.35/00.

Month	Atmospheric Pressure @ h 8.30 ins.	Atmospheric Pressure @ h 14.30 ins.	Temperature Dry Bulb 8.30 F.	Temperature Dry Bulb 14.30 F.	Temperature Dew Point 8.30 F.	Temperature Dew Point 14.30 F.	Vapour Pressure h 8.30 ins.	Vapour Pressure h 14.30 ins.	Saturation Deficit h 8.30 ins.	Saturation Deficit h 14.30 ins.	Relative Humidity h 8.30 %	Relative Humidity h 14.30 %	Total Cloud Amt. h 8.30	Total Cloud Amt. h 14.30	Number of occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total am. ins.	Rainfall Total pm. ins.	Rainfall Max.Fall in 24hrs ins.	Date	Rain	Number of Days of Thunder.
January	26.261	26.188	69.4	77.9	65.1	65.7	.623	.638	.103	.325	86	66	8.0	8.4	0	3	2	20	6	179.8	7.08	1.56	16	12	22
February	26.243	26.166	69.8	79.7	65.5	65.7	.632	.638	.103	.384	86	62	8.2	8.4	0	3	1	18	6	218.2	8.59	2.18	2	14	23
March	26.249	26.169	69.2	78.0	65.5	65.8	.632	.641	.089	.328	88	66	8.4	8.4	0	2	2	13	14	114.6	4.51	0.92	14	17	20
April	26.314	26.246	68.1	74.9	63.9	65.1	.597	.623	.097	.248	86	71	8.5	8.3	0	0	1	25	4	102.1	4.02	1.38	10	17	11
May	26.370	26.314	65.0	73.2	59.7	62.4	.517	.570	.103	.254	83	69	6.4	7.5	0	7	5	17	2	19.3	0.76	0.40	7	4	1
June	26.438	26.382	61.3	69.9	56.5	63.1	.461	.585	.153	.84	79	53	5.3	7.3	0	11	5	13	1	0.5	0.02	0.02	12	1	0
July	26.417	26.361	59.9	69.8	55.0	61.0	.437	.540	.083	.195	85	73	5.6	6.5	1	10	5	9	6	0.0	0.00	0.00	-	0	0
August	26.415	26.354	61.9	71.6	53.8	57.0	.416	.470	.142	.310	75	60	4.7	7.1	1	14	3	11	2	0.0	0.00	0.00	-	0	0
September	26.388	26.305	63.9	76.0	56.3	55.8	.458	.449	.141	.455	76	50	6.1	7.1	0	7	6	15	2	3.6	0.14	0.13	20	2	0
October	26.317	26.226	68.6	81.6	58.5	57.0	.493	.470	.210	.620	68	43	4.0	5.8	6	10	4	10	1	0.5	0.02	0.02	30	1	0
November	26.273	26.166	71.4	83.9	64.2	59.4	.605	.511	.172	.026	79	45	6.5	7.2	1	6	4	16	3	119.6	4.71	1.69	23	7	12
December	26.255	26.175	69.6	77.9	65.5	67.6	.632	.682	.097	.281	87	71	8.5	7.8	0	3	0	17	11	207.0	8.15	1.99	23	18	27
Year	26.328	26.254	66.5	76.2	60.8	62.1	.542	.568	.119	.348	82	63	6.7	7.5	9	76	38	184	58	965.2	38.00	2.18	Feb. 2	93	116

@ At station level: corrected for temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h 1-3	4-7	>7	Mean Wind Velocity h 8.30 m.p.h.	h 14.30 m.p.h.	Extremes of Temperature of the Air. Max.	Date	Min.	Date	Mean Max. F.	Mean Min. F.	Range Max. F.	Range Min. F.	Range Mean F.	Frequency of Visibility at 8.30 Fog	Mist	Good Vis.
January	11	8	3	1	1	1	1	5	0	31	0	0	6.3	7.4	83.5	10	60.5	12	81.1	64.2	72.7	22.3	13.0	16.9	0	0	31
February	4	11	2	2	1	4	1	3	0	28	0	0	4.7	7.2	85.3	12	61.0	8	81.8	64.3	73.1	22.0	10.8	17.5	0	0	28
March	8	2	1	5	3	2	2	8	0	31	0	0	5.6	7.6	85.1	19	59.8	30	80.7	64.2	72.5	23.2	9.9	16.5	0	0	31
April	1	6	6	13	2	1	1	0	0	28	2	0	7.4	6.5	82.5	6	57.0	29	77.8	63.1	70.5	19.5	5.6	14.7	0	0	30
May	0	5	7	18	1	0	0	0	0	26	5	0	7.8	5.8	79.5	11,12	52.0	31	75.1	59.1	67.1	21.4	8.8	16.0	0	0	31
June	0	0	5	23	0	2	1	1	0	23	7	0	9.2	6.9	76.8	3	48.7	8	72.0	53.7	62.9	25.6	11.2	18.3	0	0	30
July	0	5	7	15	2	1	1	0	0	25	6	0	7.8	5.6	75.8	27	46.6	2	71.7	52.9	62.3	26.9	5.6	18.8	0	1	30
August	1	6	6	14	1	1	0	2	0	27	4	0	8.3	6.9	79.4	26	50.0	4,18	74.1	55.9	65.0	24.7	4.4	18.2	0	0	31
September	0	20	7	3	0	0	0	0	0	24	6	0	10.1	8.3	81.4	14	55.8	2	77.8	56.9	68.3	22.7	12.2	18.9	1	0	29
October	4	20	5	1	0	0	0	1	0	25	6	0	10.1	8.7	88.0	16	57.5	2	83.6	62.1	72.8	26.2	15.1	21.4	0	0	31
November	6	14	7	2	0	0	0	1	0	28	2	0	8.9	8.1	91.8	23	62.0	25	84.7	65.0	74.9	26.3	5.0	19.8	0	0	30
December	4	19	3	1	0	2	0	2	0	31	0	0	5.8	6.9	84.5	31	61.0	31	80.1	64.8	72.5	19.5	6.6	15.2	0	0	31
Year	39	116	57	98	11	14	7	23	0	327	58	0	7.7	7.2	91.8	Nov. 23	46.8	July 2	78.4	60.7	69.5	26.9	4.4	17.7	1	1	363

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT TASORA OBSERVATORY 1946.

Lat.: 5° 02'S Long.: 32° 49'E Alt.: 4,51 feet Standard Time 3h 00m East Reference Number 95.32/00.

Month	Atmospheric Pressure ●		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amts.		Number of Occasions at 8.30h of Cloud Amounts						Rainfall				Number of Days of	
	h	h	Dew Point		Dew Point		h	h	h	h	h	h	h	h							Total		Max. Fall			Thun-
	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	Date	mm.	ins.	in 24hrs.	Date	Rain	der
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%											ins.			
January	25.845	25.771	68.0	80.9	62.4	62.4	.570	.570	.121	.096	82	53	6.7	6.3	-	5	5	5	5		123.9	4.88	1.90	29	15	17
February	25.835	25.750	68.7	84.2	62.	61.5	.56.	.552	.148	.632	79	47	6.6	5.9	0	7	4	1	6		83.3	3.28	0.86	0	10	16
March	25.839	25.759	67.5	82.2	63.5	63.0	.593	.579	.088	.551	87	52	6.7	6.4	0	4	7	5	5		81.5	3.21	0.89	14	12	15
April	25.862	25.791	66.8	79.0	63.1	63.5	.582	.591	.079	.407	88	59	8.0	8.2	0	1	4	18	7		262.6	10.34	2.72	16	14	16
May	25.895	25.830	66.8	80.2	59.4	59.9	.51.	.520	.150	.522	77	50	6.7	7.3	0	7	7	17	0		19.0	0.75	0.69	9	4	3
June	25.939	25.871	63.9	80.7	52.7	53.6	.402	.413	.197	.647	67	39	3.0	4.2	5	15	5	5	0		0.0	0.00	0.00		0	0
July	25.9.0	25.842	63.	81.3	51.1	5..8	.378	.387	.204	69.	65	36	2.7	5.6	0	22	7	2	0		0.0	0.00	0.00		0	0
August	25.910	25.830	65.4	82.5	51.8	51.6	.387	.384	.245	.738	61	31	3.8	5.8	1	17	6	6			0.0	0.00	0.00		0	0
September	25.886	25.79.	69.	86.0	54.	52.2	.422	.393	.296	.859	59	31	4.3	6.3	0	15	8	6			0.0	0.00	0.00		0	0
October	25.851	25.744	73.2	88.3	55.4	52.0	.443	.390	.358	.900	59	29	5.0	6.6	0	14	5	10	2		4.6	0.18	0.11	30	4	3
November	25.848	25.735	70.8	83.	61.5	59.0	.552	.502	.210	.647	72	44	7.0	7.6	0	4	6	4	6		174.0	6.85	1.29	28	19	18
December	25.839	25.762	67.7	78.5	63.9	63.9	.599	.597	.083	.383	88	61	7.3	6.8	-	4	3	14	9		183.6	7.23	1.39	10	22	19
Year	25.871	25.790	67.6	82.2	58.4	57.8	.500	.490	.183	.626	75	45	5.6	6.3	8	115	67	133	42		932.5	36.72	2.72	Apr. 16	100	107

● At station level ; corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air.												Frequency of Visibility at 8.30		
													h	h			Mean		Mean		Range								Good
	N	NE	E	SE	S	SW	W	NW	Calm	1-3	4-7	>7	8.30	14.30	Max.	Date	Min.	Date	Max.	Min.	Max.	Min.	Mean	Fog	Mist	Vis
													m.p.h.	m.p.h.	F.		F.		F.	F.	F.	F.	F.			
January	0	0	9	13	7			0		30		0	6.0	5.4	88.2	28	61.0		83.4	63.8	73.6	25.0	9.2	19.6	0	0	31
February	2			8	3	3	0	0	0	27		0	5.8	4.9	91.5	23	62.0	3,18	86.3	64.6	75.5	28.8	14.6	21.8	0	0	28
March		2	8	7	5				5	25		0	4.5	7.2	89.2	26	61.5	6	84.5	64.1	74.5	25.6	12.8	20.4	0	0	7
April		2	5	9	2	0	0	0		9	10	0	9.8	9.4	87.2	3, 4	6.0	7	81.6	63.4	72.5	24.7	10.2	8.2	0	2	28
May	0	0	22	8		0	0	0	0	7	24	0	14.5	11.2	84.8	10	58.0	30	81.6	61.9	71.7	23.4	15.4	9.7	0	0	31
June	0	0	6	24	0	0	0	0	0	7	23	0	15.4	9.8	84.4	2 ,22	56.0	9,25	81.7	58.5	70.1	27.2	20.0	23.5	0	0	30
July	0	0	13	17	1	0	0	0	0	3	28	0	17.2	9.6	87.2	28	55.5	1, 7	83.7	59.1	71.1	27.0	21.3	24.0	0	0	31
August	0	0	15	16	0	0	0	0	0	3	28	0	17.2	9.6	87.0	28,29	58.3	14	84.5	61.1	72.8	25.6	15.5	23.4	0	0	31
September	0	0	17	13	0	0	0	0	0	1	29	0	20.1	10.5	91.0	29	61.0	1, 8	87.8	63.7	75.7	28.1	19.8	24.1	0	0	30
October	0	3	24	4	0	0	0	0	0	8	23	0	15.0	10.5	93.7	16	63.4	4	90.8	66.8	78.8	27.3	19.4	23.9	0	0	31
November	2	7	12	4	2	0	1	0	2	16	12	0	10.5	9.6	91.0	17	61.0	often	86.4	64.9	75.7	26.4	15.3	21.5	0	3	27
December	0	3	7	9	6	5	0	0	1	23	7	0	8.7	9.2	84.7	27	60.4	22	81.4	63.9	72.7	22.5	10.2	17.5	1	2	28
Year	6	18	159	132	27	10	3	0	9	169	187	0	12.0	8.9	93.7	Oct. 16	55.5	July 1, 7	84.4	63.0	73.7	28.8	9.2	21.4	1	7	357

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT TANGA 1946.

Lat.: 5° 04'S Long.: 39° 06'E Alt.: 30 feet Standard Time 3h 00m East Reference Number 95.39/00

Month	Atmospheric Pressure @ 8.30 h	Atmospheric Pressure @ 14.30 h	Temperature Dry Bulb 8.30 h	Temperature Dry Bulb 14.30 h	Temperature Dew Point 8.30 h	Temperature Dew Point 14.30 h	Vapour Pressure 8.30 h	Vapour Pressure 14.30 h	Saturation Deficit 8.30 h	Saturation Deficit 14.30 h	Relative Humidity 8.30 h	Relative Humidity 14.30 h	Total Cloud Amt. 8.30 h	Total Cloud Amt. 14.30 h	Number of occasions at 8.30h of Cloud Amounts 0	1-3	4-6	7-9	10	Rainfall Total mm.	Rainfall Total ins.	Rainfall Max. Fall in 24hrs. mm.	Rainfall Max. Fall in 24hrs. ins.	Rainfall Date	Number of Days of Rain	Thunder.
	ins.	ins.	F.	F.	F.	F.	ins.	ins.	ins.	ins.	%	%														
January	-	-	81.3	85.0	72.0	73.6	.791	.833	.287	.378	73	69	5.7	3.3	0	7	11	12	1	0.5	0.02	0.01	0.01	8,19	2	0
February	-	-	80.5	85.2	72.7	73.0	.809	.821	.239	.405	78	67	6.4	3.1	2	1	12	8	5	2.3	0.09	0.05	0.05	27	3	0
March	-	-	82.4	87.2	73.2	74.3	.824	.853	.292	.459	74	65	7.0	4.4	0	0	16	13	2	13.0	0.51	0.23	0.23	1,30	5	0
April	-	-	81.4	87.2	75.0	74.8	.874	.868	.204	.437	81	67	7.8	6.3	0	0	11	16	3	147.3	5.80	1.09	1.09	27	18	0
May	-	-	77.5	83.1	72.7	72.7	.812	.809	.142	.334	85	71	7.3	6.7	0	2	11	8	10	380.5	14.98	4.45	4.45	18	14	0
June	-	-	76.4	82.7	70.3	69.3	.747	.721	.171	.410	81	64	6.9	5.6	0	2	9	18	1	29.2	1.15	0.59	0.59	25	9	0
July	-	-	74.2	80.9	69.4	67.8	.726	.685	.124	.381	85	64	7.4	6.3	0	1	11	12	7	28.2	1.11	0.22	0.22	10	13	0
August	-	-	75.0	80.4	69.8	68.9	.735	.712	.142	.336	84	68	7.5	5.9	0	2	9	9	11	104.1	4.10	1.39	1.39	24	18	0
September	-	-	75.3	79.8	70.7	70.3	.759	.750	.127	.278	86	73	8.3	7.5	0	1	4	11	14	288.3	11.35	3.59	3.59	23	21	0
October	-	-	77.9	83.2	72.1	71.1	.794	.765	.169	.378	83	67	7.3	5.5	0	0	8	20	3	102.6	4.04	1.73	1.73	26	15	0
November	-	-	81.7	85.7	74.5	73.6	.862	.833	.228	.407	79	67	5.9	4.4	0	3	12	14	1	5.1	0.20	0.08	0.08	12	4	0
December	-	-	82.4	86.4	73.9	75.7	.845	.895	.271	.372	76	71	5.1	4.1	0	4	20	7	0	71.1	2.80	1.63	1.63	18	6	1
Year	-	-	78.8	83.9	72.2	72.1	.798	.795	.200	.381	80	68	6.9	5.3	2	23	134	148	58	1172.2	46.15	4.45	4.45	May 18	128	1

@ At station level: corrected for temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h N	NE	E	SE	S	SW	W	NW	Calm	Frequency of Wind Force at 8.30h 1-3	4-7	> 7	Mean Wind Velocity 8.30 h m.p.h.	14.30 h m.p.h.	Extremes of Temperature of the Air. Max.	Date	Min.	Date	Mean Max.	Mean Min.	Range ½ Max + Min	Range Max.	Range Min.	Range Mean	Frequency of Visibility At 8.30 Fog	Mist	Good Vis.
January	0	0	2	17	12	0	0	0	0	18	13	0	11.6	20.8	88.1	10,11	72.4	26	87.3	76.0	81.7	14.8	8.3	11.3	0	0	31
February	0	0	2	8	17	1	0	0	0	16	12	0	11.4	20.8	88.4	21,27	72.9	27	87.2	75.7	81.5	15.5	5.8	11.5	0	0	28
March	0	0	4	12	12	2	1	0	0	20	11	0	11.2	15.9	91.7	27	73.1	2	89.3	76.3	82.8	17.2	7.5	12.9	1	0	30
April	4	20	3	3	0	0	0	0	0	29	1	0	7.6	15.0	92.1	2, 8	73.2	12,31	88.7	75.5	82.1	16.0	10.9	13.2	1	7	22
May	6	25	0	0	0	0	0	0	0	28	3	0	7.8	13.2	87.9	14	70.2	30	84.7	73.4	79.1	14.7	4.8	11.3	1	9	21
June	8	29	1	0	0	0	0	0	0	29	1	0	8.9	18.3	85.9	1	69.4	30	83.6	72.9	78.3	13.7	6.0	10.9	0	2	28
July	3	26	1	0	0	0	0	1	0	29	2	0	8.7	15.9	84.4	19,29	69.2	4	82.2	71.7	76.9	13.9	5.0	10.5	2	1	28
August	4	27	0	0	0	0	0	0	0	30	1	0	6.7	14.3	83.9	16,31	66.8	31	82.4	70.0	76.2	17.1	6.4	12.3	0	9	22
September	3	25	1	0	0	0	0	1	0	27	3	0	7.8	14.8	84.1	19	68.1	23	81.9	70.0	75.9	15.7	7.0	11.9	0	4	26
October	1	27	0	0	1	1	0	1	0	25	6	0	10.3	15.0	87.2	20,21	67.4	16,18	84.7	70.7	77.7	19.4	8.1	14.0	0	0	31
November	0	3	0	0	26	1	0	0	0	13	17	0	12.8	15.7	90.8	30	69.3	2	87.5	74.6	81.1	17.8	10.0	12.9	0	0	30
December	0	0	7	7	17	0	0	0	0	9	22	0	13.4	17.2	91.1	7	74.3	7	88.3	77.5	82.9	16.8	9.0	10.9	0	0	31
Year	21	182	21	47	85	5	1	3	0	273	92	0	9.9	16.4	92.1	Apr. 2, 8	66.8	Aug. 31	85.7	73.7	79.7	19.4	4.8	12.0	5	32	328

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT UKIRIGURU, MPANZA 246

Lat : 2° 42'S Long : 33° 01'E Alt : 3935 feet Standard Time 5h 00m East Reference Number 92.33/04

Month	Atmospheric Pressure @		Temperature						Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amt.		Number of Occasions at 8.30h of Cloud Amounts						Rainfall				Number of Days of		
			Dry Bulb		Dew Point																		Total		Max. Fall				
	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30			h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	h 8.30	h 14.30	0	3	4	6	7	9	mm.	ins	in 24hrs.	Date	Rain	Thunder
	ins	ins.	F.	F	F	F.			ins.	ins	ins	ins	%	%											ins				
January	25.983	25.904	70.8	80.7	6.5	60.8			.552	.532	.20	.528	72	50	6.5	6.9		4	9	16			80.0	3.15	.15	20	6	11
February	25.972	25.880	71.7	85.6	6.5	58.6			.549	.496	.237	.744	70	40	6.2	6.1		5	6	6	1		16.0	0.63	0.35	27	2	4
March	25.980	25.90.	69.8	82.0	63.1	6.1			.585	.543	.59	.56.	79	49	7.3	7.	1		7	20	2		40.7	.76	0.60	17	15	10
April	25.992	25.927	68.7	79.5	6.0	63.1			.602	.582	.07	.428	85	58	8.2	8.5	0	0	3	22	5		79.5	7.06	2.95	23	21	18
May	26.031	25.966	68.5	80	6.5	60.3			.552	.526	.151	.508	78	51	7.2	7.7	0	1	7	23	0		79.0	3.11	1.03	8	9	13
June	26.069	26.007	67.4	81.1	56.7	54.3			.464	.425	.25	.647	68	40	5.8	6.6		6	0	13	0		7.6	0.30	0.22	7	3	1
July	26.042	25.978	67.2	82.1	55.2	53.2			.408	.408	.265	.696	6.	37	4.8	5.4	2	10	2	7	0		0.0	0.00	0.00	-	0	0
August	26.042	25.983	67.7	80.1	55.2	54.0			.440	.419	.242	.6 5	65	4.	6.3	6.8	0	6	10	13	2		48.3	1.90	.15	10	5	0
September	26.025	25.936	70.8	83.9	56.5	54.9			.46.	.434	.30	.735	60	37	5.7	8.1		5	8	9	0		21.5	0.84	0.38	13	10	5
October	25.989	25.895	72.8	82.1	60.1	58.3			.593	.490	.292	6.4	64	44	7.1	7.2	0	3	6	20	2		42.9	1.69	0.71	12	9	17
November	25.983	25.892	70.3	77.4	62.8	6.3			.576	.546	.171	.402	77	58	8.2	7.8	0	2	5	13	10		249.7	9.83	2.29	27	19	15
December	25.966	25.90	69.5	77.3	64.0	6.9			.602	.558	.119	.390	84	59	6.9	7.5	0	5	7	15	4		18.6	4.67	0.85	19	15	12
Year	26.006	25.931	69.6	81.0	60.0	58.5			.526	.497	.206	.572	72	47	6.7	7.2	7	48	90	187	26		887.4	34.94	2.29	Nov. 27	114	104

@ At station level : corrected for Temperature and to standard gravity.

Month	Frequency of Wind Direction at 8.30h									Frequency of Wind Force at 8.30h			Mean Wind Velocity		Extremes of Temperature of the Air												Frequency of Visibility at 8.30		
													h	h					Mean	Mean	Max.	Range							
	N	NE	E	SE	S	SW	W	NW	Calm	3	4-7	>7	8.30	14.30	Max.	Date	Min.	Date	Max.	Min.	Min.	Max.	Min.	Mean	Fog	Mist	Good	Vis.
													m.p.h.	m.p.h.	F		F		F	F	F	F	F	F				
January	0	0	-	0	10	6	5	0	4	25	2	0	5.8	6.7	88.0	2	61.6	26	84.5	64.0	74.5	26.2	4.1	9.2	0	0	31	
February	0	0	0	4	9	4	1	1	9	9	0	0	3.6	7.4	92.2	19	60.1	2.	88.6	64.9	76.7	29.7	16.0	23.7	0	0	28	
March	2		0	2	8	6	2	0	10	20			4.7	8.1	93.4	24	61.1	24	86.2	65.4	75.8	32.4	7.0	29.7	0	1	30	
April	0	0	0	2	3	0	0	0	15	5	0	0	3.1	5.6	90.8		62.2	22	82.7	55	73.7	24.6	4.5	12	0	0	30	
May	0	0	0	5	9	1	0	0	6	21	0	0	4.3	4.9	87.0	13	59.7	28	82.5	53.6	73.1	23.0	5.1	8.9	0	0	31	
June	0	0	0	0	24		0	0	5	23	2	0	4.7	6.7	86.8	22	55.5	30	83.5	6.	72.4	27.5	4	22.3	0	0	30	
July	0	0	0	3	23	0	0	0	5	22	4	0	6.0	6.3	86.6	22	55.5	3	84.6	6.	72.7	28.7	5.5	23.3	0	4	27	
August	0	0	2	11	15	1	0	0	2	25	4	0	7.8	7.2	87.7	23,27	58.1	11	85.0	62.8	72.9	27.6	5.7	20.2	0	0	31	
September	0	0		3	23	7	0	0	2	5	6	0	8.7	7.4	92.5	29	59.8	2	87.2	64.4	74.8	29.4	18.2	22.6	0	0	23	
October	0		2	23	5	0	0	0	0	29	2	0	9.4	10.5	90.4	2	62.0	5,11,23	86.6	65.0	75.8	26.6	12.5	21.6	0	0	31	
November	3	4	11	9	2	0	0	1	0	30	0	0	8.5	10.5	88.0	2	61.6	5	8	64.9	75.0	23.0	4.0	16.2	0	0	30	
December	2	2	5	12	8	0	0	0	2	28	1	0	7.4	8.5	86.2	31	61.6		8.2	64.4	72.8	21.5	7.6	16.8	0	0	31	
Year	7	8	22	94	143	19	3	2	60	276	22	0	6.2	7.5	93.4	Mar. 24	55.5	June 30 July. 3	88.4	2	64.0	24.1	32.4	4.0	20.2	0	5	353