

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KABETE OBSERVATORY, 1938

Latitude 1° 16' S. Longitude 36° 48' E. Altitude 5,971 feet. Standard Time 2h. 45m. East. Reference Number 91-3630

MONTH	Atmospheric Pressure*		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amounts		Number of occasions of Cloud Amounts at 8.30						Rainfall			Number of Days of	
	8.30	14.30	Dry Bulb		Dew Point		8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	Total		Max. fall in 24 hrs.	Date	Rain	Thun-der
			8.30	14.30	8.30	14.30														mm.	Ins.				
<i>Ins.</i>	<i>Ins.</i>	° F.	° F.	° F.	° F.	<i>Ins.</i>	<i>Ins.</i>	<i>Ins.</i>	<i>Ins.</i>	%	%										<i>Ins.</i>				
January	24-253	24-164	61.3	72.2	55.8	53.1	·449	·405	·097	·389	82	51	5.8	5.1	1	10	4	12	4	23.6	0.93	0.31	10	5	1
February	24-265	24-167	64.2	76.0	56.3	53.2	·458	·408	·147	·496	76	45	5.9	5.6	0	6	9	12	1	62.2	2.45	1.30	12	4	5
March ..	24-223	24-126	63.1	75.9	57.4	53.2	·475	·408	·110	·496	81	45	7.7	6.2	0	2	6	15	8	105.2	4.14	1.64	19	11	4
April ..	24-247	24-167	61.5	71.4	58.3	56.8	·490	·467	·062	·310	89	60	8.6	6.3	0	0	3	19	8	119.4	4.70	1.35	6	15	7
May ..	24-268	24-191	60.3	69.7	56.3	56.7	·458	·464	·068	·265	87	64	7.9	7.6	0	4	4	12	11	88.1	3.47	0.84	8	19	5
June ..	24-315	24-250	56.6	66.9	53.1	53.4	·405	·410	·059	·254	87	62	8.9	8.0	0	2	1	8	19	6.1	0.24	0.09	2	5	1
July ..	24-294	24-232	55.9	67.3	51.3	50.7	·381	·372	·071	·301	84	55	8.5	8.2	0	1	6	4	20	9.4	0.37	0.17	2	8	0
August ..	24-280	24-200	55.9	68.6	50.0	49.6	·363	·357	·089	·346	80	51	8.5	7.7	0	2	4	7	18	11.4	0.45	0.27	17	3	1
September	24-300	24-206	57.7	71.0	52.0	51.1	·390	·378	·091	·390	81	49	9.1	6.8	0	1	2	6	21	23.9	0.94	0.74	21	9	1
October ..	24-282	24-179	59.6	73.0	54.0	50.0	·419	·363	·095	·458	82	44	7.9	6.7	0	2	8	8	13	43.2	1.70	0.47	22	9	2
November	24-268	24-173	59.5	69.5	55.0	53.8	·437	·416	·077	·310	85	57	8.7	7.2	0	1	2	9	18	131.6	5.18	0.88	1	20	2
December	24-229	24-141	60.5	69.7	56.3	54.5	·458	·428	·074	·301	86	59	8.4	6.8	0	2	4	8	17	141.2	5.56	1.94	4	16	3
Year ..	24-269	24-183	59.7	70.9	54.7	53.0	·432	·406	·087	·360	83	53	8.0	6.9	1	33	53	120	158	765.3	30.13	1.94	Dec. 4	124	32

*At Station Level—Corrected for Temperature and to Standard Gravity.

MONTH	Frequency of Wind Directions at 8.30									Frequency of Wind Force at 8.30			Mean Velocity of Wind		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. + Min. ÷ 2	Range			Fog	Mist	Good Visi- bility
																			Max.	Min.		Max.	Min.	Mean			
January .	6	22	3	0	0	0	0	0	0	27	4	0	<i>mph.</i> 8.7	<i>mph.</i> 15.7	° F. 80.0	15	° F. 46.8	7	° F. 75.2	° F. 53.6	° F. 64.4	° F. 26.9	° F. 12.8	° F. 21.6	0	0	31
February	5	15	2	1	0	0	2	1	2	26	0	0	5.6	13.0	84.2	9	51.4	27	78.7	54.3	66.5	30.0	18.7	24.4	0	1	27
March ..	3	22	2	0	0	0	0	1	3	25	3	0	6.9	14.5	83.0	14,15,18	52.5	8	78.8	56.7	67.7	30.3	16.0	22.1	0	3	28
April ..	0	20	7	2	0	0	0	0	1	27	2	0	6.7	11.6	77.0	1, 15	55.4	16	73.9	57.6	65.7	19.9	12.5	16.3	1	0	29
May ..	0	4	2	11	4	1	1	1	7	24	0	0	4.5	10.5	77.1	8	51.1	21	72.5	55.6	64.1	23.1	11.8	16.9	0	2	29
June ..	0	0	3	10	2	3	1	2	9	21	0	0	3.6	7.6	75.2	21	48.1	25	69.4	52.0	60.7	24.4	7.8	17.4	0	2	28
July ..	0	1	3	11	5	5	0	0	6	25	0	0	4.5	8.5	78.8	9	46.6	8	69.6	51.6	60.6	31.3	8.2	18.0	1	1	29
August ..	0	0	3	4	4	10	4	0	6	25	0	0	4.7	8.7	77.3	17	46.6	8	71.5	51.1	61.3	30.2	8.0	20.4	0	2	29
September	0	1	3	4	7	7	0	0	8	22	0	0	3.8	9.8	81.0	16	41.2	22	74.4	52.1	63.3	32.6	11.6	22.3	0	3	27
October..	0	3	6	11	7	2	0	0	2	27	2	0	7.2	15.2	86.0	14	50.4	6	76.6	54.9	65.7	29.3	10.9	21.7	1	2	28
November	0	3	5	20	2	0	0	0	0	28	2	0	8.7	15.0	80.5	11, 12	49.2	16	72.5	55.4	63.9	28.0	7.9	17.2	0	5	25
December	1	4	7	15	2	0	0	0	2	24	5	0	8.7	16.6	77.0	21	50.2	31	71.8	55.9	63.9	20.8	12.8	15.9	0	0	31
Year ..	15	95	46	89	33	28	8	5	46	301	18	0	6.1	12.2	86.0	Oct. 14	41.2	Sept. 22	73.7	54.2	64.0	32.6	7.8	19.5	3	21	341

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September 14, 1999

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT NAIROBI, RAILWAY BUILDINGS, 1938
 Latitude 1° 16' S. Longitude 36° 50' E. Altitude 5,495 feet. Standard Time 2h. 45m. East. Reference Number 91.3610

MONTH	Atmospheric Pressure*		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amounts		Number of occasions of Cloud Amounts at 8.30						Rainfall			Number of Days of	
	—	—	Dry Bulb		Dew Point		8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	Total		Max. fall in 24 hrs.	Date	Rain	Thunder
			8.30	14.30	8.30	14.30														mm.	Ins.				
	Ins.	Ins.	° F.	° F.	° F.	° F.	Ins.	Ins.	Ins.	Ins.	%	%									Ins.				
January	—	—	64.6	77.0	58.5	55.2	.493	.440	.121	.496	80	47	5.0	4.0	5	8	7	3	8	30.0	1.18	0.41	11	5	1
February	—	—	66.2	80.7	58.5	54.1	.493	.422	.157	.638	76	40	5.2	5.0	2	6	10	7	3	101.9	4.01	2.43	12	3	5
March ..	—	—	66.1	81.1	60.3	55.8	.526	.449	.118	.623	82	42	7.1	5.3	1	5	4	14	7	107.2	4.22	1.55	19	9	4
April ..	—	—	64.4	76.7	60.6	60.1	.535	.523	.073	.401	88	57	8.3	5.2	0	1	2	17	10	80.0	3.15	0.89	6	11	7
May ..	—	—	63.2	73.8	59.0	58.1	.502	.487	.083	.352	86	58	7.1	7.2	0	7	3	9	12	107.7	4.24	1.25	11	15	5
June ..	—	—	59.3	70.8	54.3	56.3	.425	.458	.086	.304	83	60	8.7	7.6	0	2	2	4	22	6.1	0.24	0.10	23	3	1
July ..	—	—	58.5	71.2	53.8	54.5	.416	.428	.077	.343	84	56	8.0	8.1	1	5	2	3	20	3.0	0.12	0.06	17	4	0
August ..	—	—	58.3	72.8	52.2	51.3	.393	.381	.097	.434	80	47	8.4	7.1	0	3	3	5	20	5.3	0.21	0.19	17	2	1
September	—	—	60.7	75.7	54.0	51.6	.419	.384	.116	.514	78	43	8.6	5.9	0	4	0	3	23	33.3	1.31	1.18	21	6	1
October ..	—	—	63.3	77.2	56.1	52.3	.455	.396	.133	.546	77	42	7.3	6.2	0	7	1	12	11	39.9	1.57	0.72	22	7	2
November	—	—	62.6	74.3	58.3	54.7	.490	.431	.083	.425	86	50	8.2	6.1	1	3	2	7	17	110.2	4.34	0.70	24	17	2
December	—	—	63.2	74.4	59.0	56.5	.505	.461	.080	.398	86	54	7.3	4.4	0	5	6	8	12	156.5	6.16	1.80	4	16	3
Year ..	—	—	62.5	75.5	57.1	55.0	.471	.438	.102	.456	82	50	7.4	6.0	10	56	42	92	165	781.1	30.75	2.43	Feb.12	98	32

*At Station Level—Corrected for Temperature and to Standard Gravity.

MONTH	Frequency of Wind Directions at 8.30								Calm	Frequency of Wind Force at 8.30			Mean Velocity of Wind		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	8.30	14.30	Max.	Date	Min.	Date	Mean		Max. + Min. ÷ 2	Range			Fog	Mist	Good Visi- bility
																			Max.	Min.		Max.	Min.	Mean			
January .	0	15	14	2	0	0	0	0	0	31	0	0	<i>mph.</i> 6.0	<i>mph.</i> 9.4	° F. 83.0	15	° F. 48.1	7	° F. 78.4	° F. 55.0	° F. 66.7	° F. 29.4	° F. 13.9	° F. 23.4	0	4	27
February	5	15	4	1	2	1	0	0	0	28	0	0	3.8	8.9	87.9	9	54.0	1	82.3	57.3	69.8	31.1	19.0	25.0	1	2	25
March ..	3	18	10	0	0	0	0	0	0	31	0	0	5.1	10.5	86.1	15.16.18	54.2	8	82.1	59.0	70.5	30.0	16.9	23.1	0	7	24
April ..	0	18	5	6	0	0	0	0	1	29	0	0	4.3	10.5	80.1	15	57.1	28	77.6	59.7	68.7	22.9	14.7	17.9	0	6	24
May ..	0	17	7	7	0	0	0	0	0	31	0	0	4.7	10.3	81.1	8	52.9	29	76.0	57.6	66.8	25.3	12.8	18.4	0	9	22
June ..	0	10	14	6	0	0	0	0	0	30	0	0	3.6	7.8	78.0	21	48.1	13	72.4	54.1	63.3	26.4	6.0	18.3	0	14	16
July ..	0	2	14	14	0	0	0	0	1	30	0	0	4.0	7.6	81.8	29	47.9	8	72.7	53.4	63.1	32.6	8.9	19.3	0	13	18
August ..	0	7	12	12	0	0	0	0	0	30	1	0	6.0	9.4	80.6	16	48.0	9	74.6	53.1	63.9	28.8	7.9	21.5	0	2	29
September	0	4	9	17	0	0	0	0	0	30	0	0	4.9	9.2	84.3	16	48.7	17	77.8	54.6	66.2	34.6	13.0	23.2	0	0	30
October	0	12	14	5	0	0	0	0	0	31	0	0	6.0	11.0	84.2	9	53.1	6	79.0	57.1	68.1	29.0	10.0	21.9	0	0	31
November	0	19	10	0	1	0	0	0	0	30	0	0	6.7	13.0	84.2	11	53.0	16	76.4	57.8	67.1	28.1	9.0	18.7	0	1	29
December	0	7	24	0	0	0	0	0	0	27	4	0	6.7	11.6	80.0	21	53.0	31	75.6	57.8	66.7	22.4	14.5	17.8	0	1	30
Year ..	8	144	137	70	3	1	0	0	2	358	5	0	5.1	9.9	87.9	Feb.9	47.9	July 8	77.1	56.4	66.7	34.6	6.0	20.7	1	59	305

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MARSABIT, D. C. 1938

Latitude 2° 05' N. Longitude 37° 59' E. Altitude 4,517 feet. Standard Time 2h. 45m. East. Reference Number 87.3700

MONTH	Atmospheric Pressure*		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Mean Cloud Amounts		Number of occasions of Cloud Amounts at 8.30						Rainfall			Number of Days of	
	8.30	14.30	Dry Bulb		Dew Point		8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	Total		Max. fall in 24 hrs.	Date	Rain	Thunder
			8.30	14.30	8.30	14.30														mm.	Ins.				
	<i>Ins.</i>	<i>Ins.</i>	° F.	° F.	° F.	° F.	<i>Ins.</i>	<i>Ins.</i>	<i>Ins.</i>	<i>Ins.</i>	%	%									<i>Ins.</i>				
January	25-500	25-461	63.8	70.7	62.2	62.1	.564	.561	.035	.198	94	74	8.9	7.2	0	0	4	3	24	66.5	2.62	1.30	12	4	—
February	25-561	25-449	65.5	74.6	63.9	64.4	.599	.608	.033	.257	95	70	8.7	7.4	0	0	4	8	16	14.5	0.57	0.57	11	1	—
March ..	25-529	25-422	65.5	74.8	62.1	62.2	.561	.564	.071	.307	89	65	9.2	6.8	0	0	0	9	22	7.1	0.28	0.18	9	3	—
April ..	25-529	25-428	65.1	75.2	63.5	62.1	.591	.561	.035	.319	94	64	9.6	6.6	0	0	1	3	26	89.2	3.51	1.49	1	14	—
May ..	25-546	25-446	65.9	76.6	61.5	60.4	.552	.532	.089	.392	86	58	7.6	6.3	0	2	3	12	14	35.1	1.38	1.00	13	2	—
June ..	25-603	25-505	62.7	73.3	57.6	58.1	.478	.487	.098	.337	83	59	8.2	6.5	0	0	8	5	17	7.6	0.30	0.28	5	2	—
July ..	25-594	25-505	61.1	73.2	56.8	56.3	.467	.458	.076	.366	86	56	8.7	7.3	0	0	8	2	21	1.0	0.04	0.03	16	2	—
August ..	25-561	25-478	61.7	73.1	55.8	56.8	.449	.467	.106	.354	81	57	8.3	8.0	0	2	8	4	17	12.4	0.49	0.25	2	3	—
September	25-567	25-487	64.3	74.7	56.7	57.7	.464	.481	.141	.384	77	56	7.3	6.0	0	5	4	10	11	1.8	0.07	0.07	8	1	—
October ..	25-600	25-484	64.2	74.8	59.2	58.1	.508	.487	.097	.384	84	56	8.2	5.2	2	1	2	10	16	245.4	9.66	3.54	28	10	—
November	25-638	25-535	63.3	71.2	61.5	60.8	.549	.537	.039	.234	93	70	9.1	5.6	1	1	1	3	24	48.8	1.92	0.40	19	12	—
December	25-608	25-520	62.9	69.9	61.5	62.4	.552	.567	.027	.171	95	77	9.6	5.0	0	0	2	2	27	99.8	3.93	0.91	23	12	—
Year ..	25-570	25-477	63.8	73.5	60.2	60.1	.528	.526	.071	.309	88	63	8.6	6.5	3	11	45	71	235	629.2	24.77	3.54	Oct.28	66	—

*At Station Level—Corrected for Temperature and Standard Gravity.

MONTH	Frequency of Wind Directions at 8.30								Calm	Frequency of Wind Force at 8.30			Mean Velocity of Wind		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	8.30	14.30	Max.	Date	Min.	Date	Mean		Max. + Min. ÷ 2	Range			Fog	Mist	Good Visi- bility
																			Max.	Min.		Max.	Min.	Mean			
												<i>mph.</i>	<i>mph.</i>	° F.		° F.		° F.	° F.	° F.	° F.	° F.	° F.				
January	0	0	26	0	0	0	0	0	5	26	0	0	4.5	4.3	81.0	31	58.0	1	74.7	61.2	67.9	18.0	7.0	13.5	24	0	7
February	0	0	26	0	0	0	0	0	2	26	0	0	5.4	5.1	83.0	9	61.0	often	79.7	62.2	70.9	21.0	13.5	17.5	11	5	12
March	0	0	31	0	0	0	0	0	0	31	0	0	6.7	6.3	85.0	15	60.0	8	81.1	63.0	72.1	23.0	10.0	18.1	13	9	9
April	0	0	28	0	0	0	0	0	2	28	0	0	3.4	3.6	83.0	1	60.0	3	78.3	63.1	70.7	21.0	8.0	15.2	24	2	4
May	0	0	31	0	0	0	0	0	0	30	1	0	6.3	6.7	83.0	3, 8, 8, 17	59.0	23	79.9	61.7	70.8	22.0	15.1	18.2	6	5	20
June	0	0	30	0	0	0	0	0	0	30	0	0	5.6	7.6	80.0	5, 21, 25	56.0	24, 30	77.5	58.4	67.9	22.0	16.0	19.1	5	11	14
July	0	0	31	0	0	0	0	0	0	31	0	0	4.9	4.7	81.0	14	56.0	often	77.0	57.5	67.3	25.0	16.0	19.5	15	0	16
August	0	0	31	0	0	0	0	0	0	31	0	0	5.8	7.4	80.0	14, 19, 23	55.0	8, 11	77.1	56.9	67.0	24.0	17.0	20.2	11	0	20
September	0	0	22	0	0	0	7	0	1	26	3	0	7.2	7.6	83.0	16, 18	56.0	1, 5, 29	79.9	58.7	69.3	24.0	15.0	21.2	10	0	20
October	0	2	19	6	2	1	1	0	0	31	0	0	8.3	9.4	86.0	9	56.0	4, 5	78.5	60.2	69.3	26.0	6.5	18.3	11	4	16
November	0	1	23	6	0	0	0	0	0	30	0	0	7.8	9.4	82.0	12	58.0	20, 21, 23	73.9	60.3	67.1	22.0	8.0	13.6	19	5	6
December	0	1	27	1	2	0	0	0	0	30	1	0	8.1	9.4	76.0	Often	58.0	often	72.1	59.9	66.0	18.0	8.0	12.2	25	2	4
Year	0	4	325	13	4	1	8	0	10	350	5	0	6.2	6.8	86.0	Oct. 9	55.0	Aug. 8, 11	77.5	60.3	68.9	26.0	6.5	17.2	174	43	148

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MOMBASA, 1938
 Latitude 4° 04' S. Longitude 39° 42' E. Altitude 52 feet. Standard Time 2h. 45m. East. Reference Number 94.3902

MONTH	Atmospheric Pressure*		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amounts		Number of occasions of Cloud Amounts at 8.30						Rainfall				Number of Days of	
	8.30	14.30	Dry Bulb		Dew Point		8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	8.30	1-3	4-6	7-9	10	Total		Max. fall in 24 hrs.	Date	Rain	Thun-der	
			8.30	14.30	8.30	14.30														mm.	Ins.					
<i>Ins.</i>	<i>Ins.</i>	° F.	° F.	° F.	° F.	<i>Ins.</i>	<i>Ins.</i>	<i>Ins.</i>	<i>Ins.</i>	%	%									<i>Ins.</i>						
January .	29-828	29-728	83-8	87-4	74-5	75-0	-859	-874	-310	-437	73	67	5-6	4-4	0	2	19	10	0	25-4	1-00	0-60	5	7	0	
February	29-843	29-728	83-9	88-7	73-9	75-2	-845	-883	-324	-481	72	65	6-0	3-4	0	1	17	10	0	0-8	0-03	0-03	12	1	2	
March ..	29-775	29-657	81-4	87-4	75-2	74-7	-880	-865	-198	-446	82	66	6-6	4-5	0	2	15	7	7	113-3	4-46	2-43	29	10	8	
April ..	29-813	29-719	80-2	85-0	75-9	75-9	-901	-901	-141	-310	86	74	6-6	5-1	0	2	14	9	5	195-8	7-71	1-70	7	13	9	
May ..	29-864	29-790	77-7	81-1	73-6	73-8	-833	-839	-124	-233	87	78	7-2	6-9	0	1	10	11	9	486-4	19-15	3-71	19	20	1	
June ..	29-961	29-896	76-3	80-8	71-4	70-7	-777	-756	-136	-304	85	71	5-6	5-7	0	8	12	7	3	89-7	3-53	0-95	4	12	0	
July ..	29-955	29-893	75-0	79-4	70-7	69-6	-756	-729	-121	-281	86	72	5-6	6-2	0	9	9	11	2	63-5	2-50	1-33	1	14	0	
August ..	29-943	29-870	74-3	78-9	69-8	69-1	-732	-715	-124	-283	86	72	6-6	6-5	0	1	15	12	3	57-1	2-25	0-50	9	12	0	
September	29-958	29-870	76-6	80-1	70-5	69-6	-753	-729	-171	-305	81	71	6-8	6-4	0	2	7	19	2	32-3	1-27	0-44	12	11	1	
October..	29-917	29-810	78-5	82-6	72-0	71-2	-788	-771	-192	-351	80	69	7-3	4-9	0	0	10	20	1	115-6	4-55	3-67	22	9	2	
November	29-873	29-763	78-5	83-5	73-8	73-2	-839	-827	-141	-328	86	72	7-6	4-0	0	0	9	16	5	140-7	5-54	1-25	13	14	2	
December	29-805	29-698	80-0	84-1	74-8	74-1	-871	-850	-163	-325	84	72	6-4	5-3	0	1	11	17	2	71-6	2-82	1-47	26	14	11	
Year ..	29-878	29-785	78-9	83-3	73-0	72-7	-819	-812	-179	-340	82	71	6-5	5-3	0	29	148	149	39	1392-2	54-81	3-71	May 19	137	36	

*At Station Level—Corrected for Temperature and to Standard Gravity.

MONTH	Frequency of Wind Directions at 8.30								Calm	Frequency of Wind Force at 8.30			Mean Velocity of Wind		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	8.30	14.30	Max.	Date	Min.	Date	Mean		Max. + Min. ÷ 2	Range			Fog	Mist	Good Visi- bility
																			Max.	Min.		Max.	Min.	Mean			
													mph.	mph.	° F.		° F.				° F.						
January .	18	0	0	0	0	0	2	11	0	31	0	0	4.7	15.7	92.0	12,19,24	70.0	24	90.2	76.2	83.2	22.0	6.5	14.0	0	1	30
February	16	5	0	0	1	0	1	5	0	28	0	0	4.7	14.5	93.5	15	74.0	22	90.8	76.4	83.6	18.0	11.0	14.3	0	0	28
March ..	7	2	0	0	0	4	10	6	2	29	0	0	2.0	10.5	92.6	21	74.2	30	89.9	76.2	83.1	18.6	9.5	13.7	1	3	27
April ..	0	2	0	0	5	12	10	1	0	30	0	0	2.2	8.5	89.0	1,5,6,13	72.7	29	86.9	75.8	81.3	13.4	6.0	11.1	0	8	22
May ..	0	0	0	0	6	14	11	0	0	31	0	0	3.6	9.6	86.8	13	70.6	21	83.6	73.2	78.4	13.6	4.2	10.4	1	10	20
June ..	0	0	0	0	7	18	5	0	0	30	0	0	2.9	12.3	85.2	16	68.0	17	82.9	71.4	77.1	15.4	6.4	11.6	0	2	28
July ..	0	0	0	0	14	13	4	0	0	31	0	0	2.7	10.7	83.7	25	68.2	20	81.7	70.6	76.1	13.2	7.4	11.1	0	0	31
August ..	0	0	0	0	19	12	0	0	0	31	0	0	2.5	10.7	84.6	21	68.2	26	81.4	69.7	75.5	14.0	5.3	11.7	0	1	30
September	0	0	0	0	22	7	0	0	1	29	0	0	2.9	9.6	84.8	7	68.0	5	82.9	70.9	76.9	15.0	6.0	12.0	0	0	30
October ..	0	0	0	0	18	10	3	0	0	31	0	0	3.8	9.8	87.6	21	70.0	5	84.6	73.0	78.8	14.2	8.8	11.6	1	0	30
November	2	2	0	0	8	9	5	2	2	28	0	0	2.0	7.6	87.2	26	72.0	10,11,27	85.1	73.5	79.3	14.5	8.9	11.7	0	7	23
December	13	1	0	0	0	0	11	5	1	30	0	0	2.5	7.8	88.8	21	72.0	6	86.7	74.4	80.5	15.6	7.0	12.4	0	0	31
Year ..	56	12	0	0	100	99	62	30	6	359	0	0	3.0	10.6	93.5	Feb.15	68.0	June 17 Sept. 5	85.6	73.4	79.5	22.0	4.2	12.1	3	32	330

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT ELDORET, D.C., 1938

Latitude 0° 32' N. Longitude 35° 16' E. Altitude 8,863 feet. Standard Time 2h. 45m. East. Reference Number 89-3526

MONTH	Atmospheric Pressure*		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Mean Cloud Amounts		Number of occasions of Cloud Amounts at 8.30						Rainfall			Number of Days of	
	8.30	14.30	Dry	Bulb	Dew	Point	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	Total		Max. fall in 24 hrs.	Date	Rain	Thunder
																				mm.	Ins.				
	Ins.	Ins.	° F.	° F.	° F.	° F.	Ins.	Ins.	Ins.	Ins.	%	%									Ins.				
January .	23-503	23-426	64.6	73.1	49.8	48.9	.360	.348	.254	.473	59	42	3.4	4.8	0	21	9	1	0	83.3	3.28	2.35	20	3	—
February	23-521	23-438	65.3	78.4	50.5	46.4	.369	.316	.260	.664	59	32	3.3	4.6	1	14	12	1	0	0.0	0.00	0.00	—	0	—
March ..	23-482	23-402	65.4	78.0	52.0	46.0	.390	.313	.242	.656	62	32	3.7	5.1	0	17	13	1	0	50.5	1.99	1.45	20	6	—
April ..	23-488	23-414	66.5	78.1	52.2	48.6	.393	.343	.266	.626	60	35	3.7	4.7	0	13	17	0	0	30.5	1.20	0.41	11	8	—
May ..	23-503	23-435	64.5	73.6	54.0	51.6	.419	.384	.195	.452	68	46	3.9	5.7	0	15	15	1	0	105.2	4.14	0.91	17	19	—
June ..	23-544	23-476	62.3	69.1	53.2	52.5	.408	.399	.156	.319	72	56	4.2	5.9	0	11	18	1	0	71.4	2.81	1.18	9	15	1
July ..	23-532	23-473	59.7	67.7	53.2	53.2	.408	.408	.109	.274	79	60	5.1	6.8	0	6	17	6	2	171.2	6.74	1.71	24	25	—
August ..	23-512	23-453	61.1	66.2	53.1	54.0	.405	.419	.138	.231	74	65	3.6	6.3	0	14	17	0	0	252.7	9.95	1.09	13	22	2
September	23-524	23-450	63.0	71.9	52.7	51.6	.402	.384	.177	.407	69	49	3.0	5.2	0	22	7	1	0	52.8	2.08	0.92	1	8	—
October ..	23-512	23-429	64.7	73.1	51.8	50.0	.387	.363	.230	.458	63	44	3.6	4.8	0	16	13	2	0	35.8	1.41	0.37	6	10	2
November	23-506	23-429	64.6	73.6	50.9	48.2	.375	.340	.239	.496	61	41	3.8	4.7	0	15	12	3	0	16.8	0.66	0.33	12	4	1
December	23-485	23-417	63.8	74.0	50.0	47.8	.363	.334	.236	.511	61	40	3.5	4.5	0	21	7	3	0	74.4	2.93	0.86	23	8	0
Year ..	23-509	23-437	63.8	73.1	51.9	49.9	.390	.363	.209	.464	66	45	3.7	5.3	1	185	157	20	2	944.6	37.19	2.35	Jan. 20	128	0

*At Station Level—Corrected for Temperature and to Standard Gravity.

MONTH	Frequency of Wind Directions at 8.30								Calm	Frequency of Wind Force at 8.30			Mean Velocity of Wind		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	8.30	14.30	Max.	Date	Min.	Date	Mean		Max. + Min. ÷ 2	Range			Fog	Mist	Good Visibility
																			Max.	Min.		Max.	Min.	Mean			
												mph.	mph.	° F.		° F.		° F.	° F.	° F.	° F.	° F.	° F.				
January .	0	26	3	0	0	0	0	0	2	22	7	0	9.2	8.3	81.0	15	38.0	7	75.7	48.3	62.0	36.0	15.8	27.4	0	0	31
February	0	16	5	0	0	0	0	0	7	19	2	0	6.0	6.7	83.2	19	41.0	19	80.1	46.4	63.3	42.2	28.0	33.7	0	0	28
March ..	0	9	10	1	0	0	2	2	7	24	0	0	5.6	7.2	82.5	17	43.5	3	80.1	49.6	64.9	37.8	21.2	30.6	0	0	31
April ..	0	4	21	3	0	0	0	0	2	25	3	0	7.6	8.5	82.0	19, 20	46.4	25	79.7	50.7	65.2	35.0	21.3	29.0	0	0	30
May ..	0	7	15	3	0	0	0	1	5	25.	1	0	3.8	5.4	81.5	8	46.0	7, 22, 27	76.9	49.2	63.1	35.3	19.7	27.7	0	0	31
June ..	0	7	7	1	0	0	1	3	11	19	0	0	2.7	4.0	76.3	19	43.5	29	73.0	48.9	60.9	30.0	14.1	24.1	0	0	30
July ..	0	7	13	0	0	0	0	1	10	21	0	0	2.2	5.4	75.2	3	42.4	5	71.0	49.1	60.1	31.1	11.3	21.9	0	2	29
August ..	2	10	4	2	1	0	1	5	6	25	0	0	2.5	4.5	74.2	21, 31	45.0	2, 26	71.0	49.1	60.1	27.1	9.0	21.9	0	0	31
September	0	18	5	1	0	0	1	0	5	24	1	0	3.6	5.8	77.2	10	44.0	10, 29	74.1	47.8	60.9	33.2	18.2	26.3	0	0	30
October ..	0	19	8	4	0	0	0	0	0	25	6	0	7.8	6.5	78.5	6	43.0	1, 3	75.3	48.9	62.1	34.1	17.2	26.4	0	0	31
November	0	18	12	0	0	0	0	0	0	25	5	0	9.6	9.8	79.0	10	41.5	15	75.5	48.8	62.1	34.5	17.6	26.8	0	0	30
December	0	21	5	5	0	0	0	0	0	25	6	0	8.5	9.4	79.0	20	40.0	19	75.7	47.9	61.8	38.2	19.2	27.8	0	0	31
Year ..	2	162	108	20	1	0	5	12	55	279	31	0	5.8	6.8	83.2	Feb. 19	38.0	Jan. 7	75.7	48.7	62.2	42.2	9.0	27.0	0	2	363

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KISUMU, 1938
 Latitude 0° 6' S. Longitude 34° 45' E. Altitude 3,769 feet. Standard Time 2h. 45m. East. Reference Number 90.3425

MONTH	Atmospheric Pressure*		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Mean Cloud Amounts		Number of occasions of Cloud Amounts at 8.30						Rainfall			Number of Days of	
	8.30	14.30	Dry Bulb		Dew Point		8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	Total		Max. fall in 24 hrs.	Date	Rain	Thunder
			8.30	14.30	8.30	14.30														mm.	Ins.				
	Ins.	Ins.	° F.	° F.	° F.	° F.	Ins.	Ins.	Ins.	Ins.	%	%	3-9	5-0							Ins.				
January .	26-205	26-090	73.1	81.4	58.5	65.8	.493	.641	.328	.437	60	59	3.9	5.0	0	19	2	7	3	38.1	1.50	0.67	21	4	7
February	26-223	26-110	73.2	81.2	59.2	67.5	.508	.676	.316	.393	62	63	5.4	6.1	0	12	2	7	7	19.3	0.76	0.73	7	3	8
March ..	26-190	26-096	72.5	79.9	62.2	67.5	.564	.676	.242	.352	70	66	3.9	5.8	0	17	2	7	5	199.1	7.84	2.19	19	12	24
April ..	26-152	26-069	73.0	83.0	62.4	62.2	.570	.564	.251	.573	70	50	8.0	8.7	0	3	6	10	11	240.0	9.45	2.82	12	16	25
May ..	26-175	26-107	70.6	80.7	61.5	62.4	.549	.567	.204	.624	73	53	6.7	7.8	0	4	9	17	1	200.4	7.89	3.80	17	16	30
June ..	26-223	26-164	69.3	79.5	59.5	59.2	.514	.508	.207	.508	71	50	8.2	8.2	0	0	4	23	3	63.0	2.48	0.62	25	14	27
July ..	26-217	26-169	68.4	79.1	58.8	57.9	.499	.484	.201	.520	71	48	8.9	8.7	0	0	4	10	17	62.7	2.47	0.88	23	9	17
August ..	26-187	26-128	69.3	81.0	57.7	58.3	.481	.490	.240	.576	67	46	8.7	8.9	0	0	3	17	11	36.1	1.42	0.77	18	10	19
September	26-199	26-125	70.5	82.0	57.9	59.0	.484	.502	.269	.602	64	45	7.7	8.7	0	1	8	11	10	111.0	4.37	1.15	5	13	28
October ..	26-190	26-102	72.1	83.3	59.7	65.1	.517	.623	.277	.526	65	54	9.6	9.7	0	0	0	6	25	64.5	2.54	0.68	4	13	29
November	26-172	26-078	73.5	85.1	57.7	56.5	.481	.461	.355	.756	58	38	8.9	9.0	0	0	2	10	18	98.5	3.88	1.71	28	9	18
December	26-152	26-054	72.9	83.4	57.6	56.3	.478	.458	.337	.697	59	40	8.7	9.2	0	0	5	6	20	147.8	5.82	3.68	22	7	11
Year ..	26-190	26-108	71.5	81.6	59.4	61.5	.511	.554	.269	.547	66	51	7.5	8.0	0	56	47	131	131	1280.5	50.42	3.80	May 17	126	243

*At Station Level—Corrected for Temperature and to Standard Gravity.

MONTH	Frequency of Wind Directions at 8.30								Calm	Frequency of Wind Force at 8.30			Mean Velocity of Wind		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	8.30	14.30	Max.	Date	Min.	Date	Mean		Max. + Min. ÷ 2	Range			Fog	Mist	Good Visibility
																			Max.	Min.		Max.	Min.	Mean			
January .	1	9	14	2	2	2	1	0	0	30	1	0	<i>mph.</i> 6.5	<i>mph.</i> 15.2	° F. 89.7	27	° F. 56.3	7	° F. 83.4	° F. 63.5	° F. 73.5	° F. 29.4	° F. 11.9	° F. 19.9	0	10	21
February	1	8	15	3	0	0	1	0	0	28	0	0	6.0	15.2	86.4	28	62.7	7	82.9	65.3	74.1	21.8	12.8	17.6	0	28	0
March ..	1	6	16	4	1	2	1	0	0	30	1	0	4.3	16.1	83.4	1, 31	62.8	7	80.7	65.2	72.9	19.5	8.7	15.6	0	31	0
April ..	0	12	13	1	1	1	0	0	2	28	0	0	5.8	11.0	87.7	14	60.0	13	84.0	63.9	73.9	25.3	14.3	20.1	0	0	30
May ..	0	7	16	7	0	0	0	0	1	28	2	0	6.7	11.6	85.3	7	58.8	22	81.5	61.8	71.7	24.5	12.4	19.7	0	0	31
June ..	0	1	18	10	1	0	0	0	0	16	14	0	11.6	14.1	84.0	19	56.7	8	80.1	60.6	70.3	24.8	13.0	19.6	0	0	30
July ..	0	1	16	7	3	1	2	1	0	26	5	0	8.1	12.5	84.7	6	53.4	3	80.4	60.6	70.5	29.9	8.9	19.8	0	0	31
August ..	0	2	19	8	1	0	1	0	0	25	6	0	9.6	14.5	86.1	29	57.8	2	82.4	61.8	72.1	25.4	14.9	20.6	0	0	31
September	0	5	18	5	1	0	0	1	0	25	5	0	8.7	13.2	86.7	16	58.3	29	83.9	61.4	72.7	27.9	15.9	22.5	0	0	30
October ..	2	12	9	3	2	1	0	2	0	31	0	0	6.3	10.3	91.0	21	58.8	17	85.2	62.6	73.9	32.1	15.6	22.6	0	0	31
November	0	8	12	3	3	0	0	0	4	26	0	0	2.7	10.5	90.4	17	57.4	21	86.7	62.7	74.7	30.0	13.3	24.0	0	0	30
December	1	11	15	1	0	0	1	0	2	29	0	0	3.1	11.4	90.7	12	57.7	15	85.6	63.0	74.3	30.1	14.6	22.6	0	0	31
Year ..	6	82	181	54	15	7	7	4	9	322	34	0	6.6	13.0	91.0	Oct. 21	53.4	July 3	83.1	62.7	72.9	32.1	8.7	20.4	0	69	296

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT WAJIR, D.C., 1938

Latitude 1° 45' N. Longitude 40° 04' E. Altitude 879 feet. Standard Time 2h. 45m. East. Reference Number 88.4000

MONTH	Atmospheric Pressure*		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amounts		Number of occasions of Cloud Amounts at 8-30						Rainfall				Number of Days of	
	8.30	14.30	Dry	Bulb	Dew	Point	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	Total		Max. fall in 24 hrs.	Date	Rain	Thun-der	
			8.30	14.30	8.30	14.30														mm.	Ins.					
	Ins.	Ins.	F.	F.	F.	F.	Ins.	Ins.	Ins.	Ins.	%	%									Ins.					
January	29-013	28-851	81.1	85.2	73.8	71.4	.839	.777	.233	.449	78	63	4.0	4.2	12	0	10	5	4	0.0	0.00	0.00	—	0	—	
February	29-028	28-857	81.7	86.4	74.3	70.7	.853	.759	.237	.508	78	60	3.3	2.1	10	4	10	3	1	0.0	0.00	0.00	—	0	—	
March ..	29-003	28-817	81.9	86.1	72.3	71.1	.800	.768	.299	.493	73	61	5.5	4.3	4	2	13	8	4	5.3	0.21	0.18	10	2	—	
April ..	29-010	28-857	81.2	84.1	74.3	72.5	.853	.806	.219	.369	80	69	9.0	5.8	0	0	3	10	17	62.5	2.46	0.69	10	10	—	
May ..	29-022	28-886	81.8	84.6	72.3	71.1	.800	.765	.299	.431	73	64	6.4	6.0	0	0	19	10	2	2.3	0.09	0.06	13	2	—	
June ..	29-111	28-981	78.8	82.2	70.2	67.8	.741	.685	.251	.425	75	62	5.2	5.7	0	0	26	4	0	1.0	0.04	0.04	9	1	—	
July ..	29-102	28-969	77.5	80.4	68.7	66.9	.709	.664	.245	.384	74	63	6.0	5.6	0	3	15	13	0	0.0	0.00	0.00	—	0	—	
August ..	29-090	28-925	77.4	81.0	68.0	65.7	.691	.638	.257	.428	73	60	6.5	5.7	0	0	13	18	0	0.0	0.00	0.00	—	0	—	
September	29-099	28-933	78.3	82.2	67.8	65.7	.688	.638	.287	.472	71	57	6.2	4.4	0	3	10	16	1	0.0	0.00	0.00	—	0	—	
October..	29-069	28-892	79.1	83.3	68.0	68.9	.691	.735	.313	.414	69	64	6.8	4.6	0	1	14	12	4	14.7	0.58	0.43	29	4	—	
November	29-028	28-889	78.8	82.6	71.4	72.5	.777	.806	.215	.316	78	72	7.2	4.4	0	2	7	19	2	0.5	0.02	0.02	18	1	—	
December	28-957	28-809	79.1	83.4	73.4	74.1	.830	.850	.174	.305	83	74	6.6	4.5	0	7	5	19	0	16.8	0.66	0.46	4	5	—	
Year ..	29-044	28-889	79.7	83.5	71.2	69.9	.773	.741	.252	.416	75	64	6.1	4.8	26	22	145	137	35	103.1	4.06	0.69	April 10	25	—	

*At Station Level—Corrected for Temperature and to Standard Gravity.

MONTH	Frequency of Wind Directions at 8.30								Calm	Frequency of Wind Force at 8.30			Mean Velocity of Wind		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	8.30	14.30	Max.	Date	Min.	Date	Mean		Max. + Min. ÷ 2	Range			Fog	Mist	Good Visibility
																			Max.	Min.		Max.	Min.	Mean			
January	0	9	14	5	0	0	0	0	3	28	0	0	mph. 1.8	mph. 0.9	F. 88.2	30	F. 76.0	1,2,3	F. 86.2	F. 78.3	F. 82.3	F. 9.9	F. 6.0	F. 7.9	0	10	21
February	0	22	3	0	0	0	0	0	3	25	0	0	2.0	0.7	91.4	15	76.9	6,8	87.1	78.8	82.9	11.1	4.9	8.3	0	10	18
March	0	4	9	17	0	0	0	0	1	30	0	0	2.0	0.9	89.6	12	76.5	20	86.8	79.2	83.0	11.6	4.1	7.6	0	19	12
April	0	1	2	22	0	0	0	0	5	25	0	0	1.8	1.1	88.0	3	76.0	7,8	85.2	78.5	81.9	9.1	4.2	6.7	0	28	2
May	0	0	0	30	0	0	0	0	1	30	0	0	2.0	1.6	86.1	7	76.0	22	85.0	79.1	82.1	10.0	3.8	5.9	0	16	15
June	0	0	0	30	0	0	0	0	0	30	0	0	2.9	3.1	84.2	3	76.0	often	82.8	77.0	79.9	7.7	4.1	5.8	0	19	11
July	0	0	0	31	0	0	0	0	0	31	0	0	2.5	2.7	82.5	30	74.5	2,17,18	81.6	75.9	78.7	7.5	4.0	5.7	0	22	9
August	0	0	0	31	0	0	0	0	0	31	0	0	2.0	2.2	86.0	16	74.0	18,31	81.9	75.7	78.8	10.0	4.6	6.2	0	24	7
September	0	0	0	30	0	0	0	0	0	30	0	0	2.0	2.0	85.0	30	72.0	1	83.4	75.9	79.7	10.0	6.0	7.5	0	21	9
October	0	0	0	31	0	0	0	0	0	31	0	0	2.0	2.0	86.0	often	74.0	30,31	84.9	75.4	80.1	12.0	8.0	9.5	0	25	6
November	0	2	5	23	0	0	0	0	0	30	0	0	2.5	2.7	86.0	often	75.0	often	85.2	75.2	80.2	11.0	8.2	9.9	0	25	5
December	0	9	10	12	0	0	0	0	0	31	0	0	3.4	2.9	87.8	30	75.0	often	85.1	75.6	80.3	11.8	4.4	9.4	0	23	8
Year	0	47	43	262	0	0	0	0	13	352	0	0	2.2	1.9	91.4	Feb. 15	72.0	Sept. 1	84.6	77.1	80.8	12.0	3.8	7.5	0	242	123

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT NAIVASHA 1938

Latitude 0° 43' S. Longitude 36° 26' E. Altitude 6,234 feet. Standard Time 2h. 45m. East. Reference Number 90.3622

MONTH	Atmospheric Pressure*		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amounts		Number of occasions of Cloud Amounts at 8.30					Rainfall			Number of Days of		
	8.30	14.30	Dry Bulb		Dew Point		8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	Total		Max. fall in 24 hrs.	Date	Rain	Thun-der
			8.30	14.30	8.30	14.30														mm.	Ins.				
	Ins.	Ins.	° F.	° F.	° F.	° F.	Ins.	Ins.	Ins.	Ins.	%	%									Ins.				
January .	—	—	58.9	77.0	49.1	45.9	.351	.310	.151	.626	70	33	4.7	6.6	0	4	22	5	0	20.6	0.81	0.54	17	8	6
February	—	—	60.4	79.6	50.4	44.2	.336	.292	.166	.724	69	29	6.3	7.3	0	2	12	13	1	9.7	0.38	0.27	11	4	6
March ..	—	—	62.3	76.9	52.5	48.7	.399	.346	.165	.584	71	37	6.8	8.4	0	0	12	17	2	60.2	2.37	0.93	25	12	16
April ..	—	—	62.1	74.7	54.9	53.1	.434	.405	.127	.460	77	47	6.6	7.4	0	0	13	17	0	75.7	2.98	0.92	21	16	16
May ..	—	—	61.8	73.9	54.1	50.9	.422	.375	.136	.470	76	44	7.1	7.4	0	1	9	18	3	42.9	1.69	0.80	10	11	9
June ..	—	—	58.7	71.0	51.1	50.4	.378	.366	.118	.402	76	48	8.0	8.1	0	0	6	17	7	18.8	0.74	0.25	20	11	2
July ..	—	—	58.1	71.3	49.8	48.0	.360	.337	.127	.434	74	44	7.4	7.8	0	1	9	15	6	16.3	0.64	0.43	8	5	6
August ..	—	—	57.9	73.1	49.5	48.2	.354	.340	.130	.481	73	41	7.4	7.5	0	0	8	22	1	40.4	1.59	0.65	17	8	4
September	—	—	59.5	72.8	52.2	49.1	.393	.351	.121	.464	76	43	7.4	8.3	0	1	7	19	3	29.0	1.14	0.38	13	9	8
October ..	—	—	61.7	71.7	52.0	49.8	.390	.360	.165	.426	70	46	8.8	9.4	0	0	2	15	14	62.2	2.45	0.79	29	14	9
November	—	—	61.5	73.0	52.2	48.9	.393	.348	.159	.473	71	42	6.8	8.2	0	2	11	12	5	62.0	2.44	1.21	1	13	4
December	—	—	61.3	74.3	50.9	47.8	.375	.334	.171	.522	69	39	5.6	7.2	0	5	16	9	1	19.0	0.75	0.15	24	15	7
Year ..	—	—	60.3	74.1	51.6	48.7	.385	.347	.145	.505	73	41	6.9	7.8	0	16	127	179	43	456.8	17.98	1.21	Nov. 1	126	93

*At Station Level—Corrected for Temperature and to Standard Gravity.

MONTH	Frequency of Wind Directions at 8.30								Calm	Frequency of Wind Force at 8.30			Mean Velocity of Wind		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	8.30	14.30	Max.	Date	Min.	Date	Mean		Max. + Min. ÷ 2	Range			Fog	Mist	Good Visi- bility
																			Max.	Min.		Max.	Min.	Mean			
January .	14	6	0	0	4	0	0	2	5	24	2	0	<i>mph.</i> 5.4	<i>mph.</i> 10.5	° F. 86.9	30	° F. 37.1	1	° F. 80.0	° F. 43.7	° F. 61.9	° F. 43.4	° F. 22.5	° F. 36.3	0	0	31
February	7	7	0	0	5	3	0	0	6	21	1	0	3.8	9.4	86.8	19	39.4	21	82.8	46.0	64.4	44.0	22.6	36.9	0	0	28
March ..	8	5	4	3	0	6	2	3	0	31	0	0	2.9	8.9	86.2	14	43.8	8	80.6	48.8	64.7	41.2	20.2	31.9	0	0	31
April ..	2	1	0	3	7	8	6	2	1	29	0	0	3.1	8.9	81.2	14, 28	45.1	19	77.9	50.2	61.1	34.1	17.8	27.7	0	0	30
May ..	1	0	0	2	10	16	1	0	1	29	1	0	6.3	10.7	81.2	8	45.9	29	75.9	51.9	63.9	32.5	13.9	24.0	0	1	30
June ..	0	0	0	1	17	10	2	0	0	30	0	0	4.7	9.6	77.0	9, 28	42.1	27	74.0	48.5	61.3	34.8	19.0	25.6	0	0	30
July ..	1	0	0	1	15	12	1	1	0	31	0	0	4.9	10.1	78.6	8, 29	43.2	19	73.2	48.9	61.1	34.1	10.2	24.3	0	0	31
August ..	0	0	0	0	12	17	1	1	0	30	1	0	4.7	10.7	79.0	14	44.4	5	74.7	48.4	61.5	31.3	18.2	26.3	0	0	31
September	2	0	0	1	5	15	5	1	1	26	3	0	6.9	20.6	80.0	16	43.8	30	75.0	48.1	61.5	35.3	12.7	26.9	1	3	26
October	2	0	1	1	7	11	1	0	9	17	5	0	6.5	23.5	81.4	9	43.2	1	74.9	49.7	62.3	35.0	6.9	25.3	1	1	29
November	10	1	0	0	3	4	4	3	4	24	2	0	5.4	11.0	81.6	11	43.5	18	75.3	49.5	62.4	33.5	9.5	25.8	0	0	30
December	15	2	0	0	4	3	5	1	1	30	0	0	4.0	8.9	83.1	16	42.8	19	78.0	48.7	63.3	39.4	16.9	29.2	0	0	31
Year ..	62	22	5	12	89	105	28	14	28	322	15	0	4.9	11.9	86.9	Jan. 30	37.1	Jan. 7	76.9	48.5	62.7	44.0	6.9	28.4	2	5	358

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MAKINDU, 1938

Latitude 2° 17' S. Longitude 37° 50' E. Altitude 3,280 feet. Standard Time 2h. 45m. East. Reference Number 92-3700

MONTH	Atmospheric Pressure*		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Mean Cloud Amounts		Number of Occasions of Cloud Amounts at 8.30						Rainfall			Number of Days of	
	8-30	14.30	Dry Bulb		Dew Point		8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	Total		Max. fall in 24 hrs.	Date	Rain	Thunder
			8.30	14.30	8.30	14.30														mm.	Ins.				
	Ins.	Ins.	° F.	° F.	° F.	° F.	Ins.	Ins.	Ins.	Ins.	%	%									Ins.				
January ..	—	—	68.6	81.5	64.0	60.8	.602	.537	.101	.547	86	50	9.3	5.0	1	0	1	5	24	10.4	0.41	0.12	9	5	0
February ..	—	—	70.8	85.0	62.4	59.0	.570	.502	.192	.709	75	41	7.2	4.8	4	2	4	3	15	47.8	1.88	1.37	13	3	4
March ..	—	—	70.7	84.9	63.9	59.0	.599	.502	.160	.709	79	42	7.9	5.8	4	2	0	3	22	146.3	5.76	3.23	20	6	4
April ..	—	—	70.7	82.3	64.8	63.1	.617	.585	.142	.525	81	53	6.5	4.3	3	6	3	8	10	80.3	3.16	1.45	15	11	0
May ..	—	—	68.9	79.6	62.4	61.2	.567	.543	.145	.473	80	53	6.7	8.0	3	6	2	6	14	87.1	3.43	1.28	9,31	8	2
June ..	—	—	65.6	78.1	58.6	54.5	.496	.428	.142	.541	78	44	4.9	8.8	5	10	2	3	10	0.0	0.00	0.00	—	0	0
July ..	—	—	64.8	78.5	56.7	51.6	.464	.384	.153	.596	75	39	6.3	8.7	6	5	1	3	16	0.0	0.00	0.00	—	0	0
August ..	—	—	64.6	78.5	55.2	50.7	.440	.372	.174	.608	72	38	5.1	8.0	6	7	5	4	9	0.0	0.00	0.00	—	0	0
September ..	—	—	66.9	81.8	55.6	50.9	.446	.375	.218	.724	67	34	5.1	6.5	2	10	7	4	7	0.3	0.01	0.01	26	1	0
October ..	—	—	69.2	83.8	58.6	53.1	.496	.405	.225	.764	69	35	7.2	5.9	1	3	7	13	7	2.3	0.09	0.08	28	2	1
November ..	—	—	68.9	81.0	62.4	58.3	.567	.490	.145	.576	80	46	8.2	7.2	1	3	2	7	17	197.1	7.76	1.75	28	10	2
December ..	—	—	68.6	77.2	64.6	63.5	.614	.591	.089	.351	87	63	9.3	7.6	0	0	2	9	20	84.8	3.34	0.87	5	19	3
Year ..	—	—	68.2	81.0	60.8	57.1	.540	.476	.157	.594	77	45	7.0	6.7	36	54	36	68	171	656.4	25.84	3.23	March 20	65	16

*At Station Level—Corrected for Temperature and to Standard Gravity.

MONTH	Frequency of Wind Directions at 8.30								Calm	Frequency of Wind Force at 8.30			Mean Velocity of Wind		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	8.30	14.30	Max.	Date	Min.	Date	Mean		Max. + Min. ÷ 2	Range			Fog	Mist	Good Visi- bility
																			Max.	Min.		Max.	Min.	Mean			
January .	6	18	4	2	0	1	0	0	0	31	0	0	<i>mph.</i>	<i>mph.</i>	° F.		° F.		° F.	° F.	° F.	° F.	° F.	° F.	0	2	29
February	8	6	8	0	1	3	1	1	0	25	3	0	6.0	13.4	88.2	27	59.5	14	82.7	62.9	72.8	26.8	14.0	19.8	0	0	28
March ..	10	4	5	5	4	1	2	0	0	30	1	0	5.8	12.8	91.5	18	60.2	8	87.2	65.4	76.3	29.6	13.8	21.8	0	0	31
April ..	5	4	2	7	3	2	3	4	0	30	0	0	5.6	11.9	87.2	15	59.3	30	83.3	64.8	74.1	25.3	14.4	18.5	0	0	30
May ..	9	6	0	6	2	3	3	2	0	30	1	0	4.9	13.4	84.9	5	56.0	29	81.4	61.7	71.5	28.4	9.2	19.7	0	0	31
June ..	15	3	1	2	1	3	2	3	0	29	1	0	5.4	11.4	83.1	21	52.5	25	79.4	56.0	67.7	29.6	10.9	23.4	0	0	30
July ..	10	2	0	7	0	0	2	10	0	31	0	0	5.6	12.3	84.9	30	52.3	12, 22	80.0	56.7	68.3	28.6	12.6	23.3	0	0	31
August ..	9	2	1	8	0	0	0	11	0	31	0	0	5.1	13.4	84.0	13	51.0	2	80.5	56.3	68.4	29.5	16.9	24.2	0	0	31
September	5	1	1	14	1	1	1	6	0	30	0	0	5.8	13.6	87.5	21	54.1	2	83.1	59.1	71.1	31.0	16.7	24.0	0	0	30
October..	6	4	11	8	1	0	0	1	0	31	0	0	4.3	11.2	89.8	19	54.9	12	85.8	61.7	73.7	31.9	18.4	24.1	0	0	31
November	2	4	13	6	0	0	2	3	0	30	0	0	6.0	8.3	92.3	11	61.3	10	83.1	64.3	73.7	28.3	8.9	18.8	0	2	28
December	5	13	6	3	2	1	1	0	0	31	0	0	4.5	9.2	83.0	21	62.1	28, 31	78.9	64.5	71.7	18.9	11.2	14.4	0	3	28
Year ..	90	67	52	68	15	15	17	41	0	359	6	0	5.4	12.0	93.0	Feb. 12	51.0	Aug. 2	82.7	61.5	72.1	32.1	8.9	21.2	0	7	358

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT VOI, 1938

Latitude 3° 24' S. Longitude 38° 34' E. Altitude 1,837 feet. Standard Time 2h. 45m. East. Reference Number 93-3801

MONTH	Atmospheric Pressure*		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Mean Cloud Amounts		Number of Occasions of Cloud Amounts at 8.30						Rainfall				Number of Days of	
	8-30	14-30	Dry Bulb		Dew Point		8-30	14-30	8-30	14-30	8-30	14-30	8-30	14-30	0	1-3	4-6	7-9	10	Total		Max. fall in 24 hrs.	Date	Rain	Thun-der	
			8-30	14-30	8-30	14-30														mm.	Ins.					
	Ins.	Ins.	° F.	° F.	° F.	° F.	Ins.	Ins.	Ins.	Ins.	%	%									Ins.					
January .	—	—	74.2	87.3	67.5	62.4	.679	.570	.171	.735	80	44	7.2	5.5	0	3	10	8	10	9.7	0.38	0.08	5	12	1	
February	—	—	74.5	89.4	66.6	61.9	.656	.558	.203	.839	76	40	6.3	4.6	0	8	4	9	7	36.3	1.43	0.64	11	7	3	
March ..	—	—	76.3	88.9	67.5	63.1	.676	.585	.237	.788	74	43	5.9	6.7	1	8	6	13	3	110.0	4.33	1.59	28	11	5	
April ..	—	—	75.5	84.4	67.8	66.4	.685	.653	.207	.537	77	55	4.6	5.8	0	16	4	6	4	97.0	3.82	1.07	6	11	3	
May ..	—	—	73.6	80.7	65.1	63.9	.623	.599	.213	.461	75	57	5.5	7.4	0	8	11	8	4	32.5	1.28	0.50	19	8	0	
June ..	—	—	71.2	81.1	60.4	56.5	.529	.461	.242	.611	69	43	5.4	8.1	2	9	7	8	4	0.5	0.02	0.02	4	1	0	
July ..	—	—	69.9	80.7	59.2	54.9	.508	.434	.230	.626	69	41	7.1	9.0	1	2	9	12	7	0.0	0.00	0.00	—	0	0	
August ..	—	—	68.9	80.4	58.6	54.9	.496	.434	.216	.614	70	41	7.2	9.1	0	2	13	6	10	3.6	0.14	0.10	2	3	0	
September	—	—	70.5	81.0	60.3	57.0	.526	.470	.227	.596	70	44	6.7	8.6	3	1	7	14	5	4.8	0.19	0.05	10	6	0	
October ..	—	—	73.3	85.0	61.9	58.1	.558	.487	.266	.724	68	40	6.9	7.6	0	4	9	13	5	14.7	0.58	0.28	10	3	1	
November	—	—	74.4	85.2	63.9	60.3	.599	.526	.260	.700	70	43	7.1	7.6	0	2	10	9	9	77.5	3.05	0.94	26	9	2	
December	—	—	74.3	82.4	67.5	65.8	.679	.641	.177	.475	79	57	7.1	7.2	0	5	8	11	7	167.1	6.58	1.65	26	17	6	
Year ..	—	—	73.1	83.9	63.9	60.4	601	.535	.221	.642	73	46	6.4	7.3	7	68	98	117	75	553.7	21.80	1.65	Dec.26	88	21	

*At Station Level—Corrected for Temperature and to Standard Gravity.

MONTH	Frequency of Wind Directions at 8.30								Calm	Frequency of Wind Force at 8.30			Mean Velocity of Wind		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	8.30	14.30	Max.	Date	Min.	Date	Mean		Max. + Min. ÷ 2	Range			Fog	Mist	Good Visi- bility
																			Max.	Min.		Max.	Min.	Mean			
																					° F.						
January .	5	20	3	0	0	2	1	0	0	30	1	0	<i>mph.</i> 6.3	<i>mph.</i> 11.0	° F. 92.4	27, 29	° F. 64.8	18	° F. 88.7	68.8	78.7	° F. 27.3	° F. 15.4	° F. 19.8	0	0	31
February	3	14	4	0	0	2	5	0	0	28	0	0	4.5	11.0	96.2	4	63.0	23	90.6	68.6	79.6	27.5	15.9	22.0	0	0	28
March ..	1	7	4	0	5	12	2	0	0	31	0	0	3.6	10.1	96.4	18	64.8	13	91.2	69.3	80.3	29.9	13.7	21.9	0	0	31
April ..	0	0	0	0	5	24	1	0	0	30	0	0	7.8	10.7	89.4	1	64.8	30	86.4	68.7	77.5	22.8	12.5	17.7	0	0	30
May ..	0	0	0	0	10	21	0	0	0	26	5	0	9.8	13.9	87.8	17	61.7	28	82.8	67.5	75.1	21.1	6.6	15.3	0	0	31
June ..	0	0	0	0	16	14	0	0	0	25	5	0	9.4	13.0	85.0	20	59.5	20	82.8	63.1	72.9	25.5	14.3	19.7	0	0	30
July ..	0	0	0	0	7	22	2	0	0	17	14	0	12.1	13.9	86.0	15	59.0	12	82.4	63.1	72.7	25.2	9.7	19.3	0	0	31
August ..	0	0	0	2	6	23	0	0	0	20	11	0	11.6	16.8	86.5	17	56.4	19	81.9	61.8	71.9	27.1	12.4	20.1	0	0	31
September	0	0	0	0	7	22	1	0	0	11	19	0	13.4	20.1	91.0	7	59.5	17, 21	83.3	62.9	73.1	29.3	11.2	20.4	0	0	30
October ..	0	0	0	0	26	5	0	0	0	20	11	0	11.4	15.4	92.9	19	57.3	5	86.7	65.1	75.9	31.4	13.1	21.6	0	0	31
November	0	3	6	0	15	6	0	0	0	29	1	0	5.6	11.6	94.8	11	64.0	9, 21	87.9	67.5	77.7	28.8	13.9	20.5	0	0	30
December	6	8	9	0	5	3	0	0	0	28	3	0	6.3	9.2	89.0	20, 21	64.1	4	84.5	68.0	76.3	21.6	10.3	16.6	0	0	31
Year ..	15	52	26	2	102	156	12	0	0	295	70	0	8.5	13.1	96.4	Mar. 18	56.4	Aug. 19	85.8	66.2	76.0	31.4	6.6	19.6	0	0	365

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT BENITA FIELD, KIAMBU, 1938

Latitude 1° 12' S. Longitude 36° 49' E. Altitude 5,680 feet. Standard Time 2h. 5m. East. Reference Number 91.3647

MONTH	Atmospheric Pressure*		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amounts		Number of occasions of Cloud Amounts at 8.30						Rainfall				Number of Days of	
																					Total		Max. fall in 24 hrs.	Date	Rain	Thun-der
	8.30	14.30	Dry Bulb	Dew Point	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.							
			8.30	14.30														8.30	14.30	mm.	Ins.					
	Ins.	Ins.	° F.	° F.	° F.	° F.	Ins.	Ins.	Ins.	Ins.	%	%									Ins.					
January .	—	—	64.7	76.7	57.2	54.3	.473	.425	.144	.499	77	46	6.4	5.8	0	7	8	10	6	21.6	0.85	0.27	11	4	—	
February	—	—	67.0	80.0	57.2	52.0	.473	.390	.191	.644	71	38	5.9	5.9	0	4	11	12	1	35.6	1.40	0.60	12	4	—	
March ..	—	—	66.2	80.0	58.8	53.2	.499	.408	.151	.626	77	39	7.6	6.6	1	1	5	18	6	101.3	3.99	1.47	19	10	—	
April ..	—	—	63.6	75.0	60.1	58.5	.523	.493	.071	.384	88	56	8.7	7.0	0	0	0	23	7	135.1	5.32	1.20	6	15	—	
May ..	—	—	62.2	71.9	57.9	57.0	.484	.470	.080	.321	86	59	8.0	7.8	0	1	5	16	9	112.8	4.44	1.40	8	14	—	
June ..	—	—	58.4	68.9	54.9	55.6	.434	.446	.059	.266	88	63	8.8	8.0	0	1	4	8	17	26.7	1.05	0.73	1	4	—	
July ..	—	—	57.7	68.9	53.6	53.1	.413	.405	.068	.307	86	57	8.2	8.5	2	0	5	11	13	9.7	0.38	0.18	16	5	—	
August ..	—	—	57.1	69.6	52.7	52.5	.402	.399	.068	.330	86	55	9.0	8.5	0	0	1	14	16	64.8	2.55	2.25	17	4	—	
September	—	—	59.3	73.0	54.3	53.1	.425	.405	.086	.416	83	49	8.5	7.6	1	1	2	11	15	18.3	0.72	0.64	21	5	—	
October ..	—	—	62.4	75.9	55.8	53.2	.449	.408	.121	.496	80	45	8.0	7.1	0	2	3	17	9	80.0	3.15	1.60	22	9	—	
November	—	—	61.9	72.0	58.1	57.0	.487	.470	.071	.321	87	59	8.5	7.3	0	1	2	16	11	154.9	6.10	1.50	28	23	—	
December	—	—	62.8	73.1	58.8	56.7	.499	.464	.077	.357	87	56	8.1	6.8	0	2	4	12	13	91.7	3.61	0.82	5	16	—	
Year ..	—	—	61.9	73.7	56.6	54.7	.463	.432	.099	.414	83	52	8.0	7.2	4	20	50	168	123	852.5	33.56	2.25	Aug. 17	113	—	

*At Station Level—Corrected for Temperature and to Standard Gravity.

MONTH	Frequency of Wind Directions at 8.30								Calm	Frequency of Wind Force at 8.30			Mean Velocity of Wind		Extremes of Temperature of the Air										Frequency of Visibility at 8.30		
															Max.	Date	Min.	Date	Mean		Max. + Min. ÷ 2	Range					
	Max.	Min.	Max.	Min.	Mean																						
						N.	NE.	E.		SE.	S.	SW.	W.	NW.					1-3	4-7		> 7	8.30	14.30	° F.	° F.	° F.
January .	5	20	5	1	0	0	0	0	18	13	0	<i>mph.</i> 10.5	<i>mph.</i> 15.7	° F. 83.0	15	° F. 46.2	7	° F. 78.5	° F. 53.6	° F. 66.1	° F. 32.0	° F. 13.5	° F. 24.9	0	5	26	
February	3	14	4	1	0	4	2	0	0	27	1	0	7.4	14.1	87.6	9	49.8	28	82.3	55.1	68.7	34.2	18.7	27.2	0	1	27
March ..	2	20	4	2	0	1	0	2	0	30	1	0	7.4	15.4	87.4	16	51.1	8	82.3	57.4	69.9	34.2	17.6	24.9	0	6	25
April ..	4	17	2	3	1	1	0	1	1	29	0	0	5.6	13.0	81.0	15	56.1	23	77.0	58.8	67.9	21.8	13.8	18.2	0	9	21
May ..	1	5	2	2	4	13	2	2	0	31	0	0	5.4	11.2	80.0	8	49.8	29	74.5	56.0	65.3	27.0	11.0	18.5	0	5	26
June ..	0	2	3	9	1	10	3	2	0	30	0	0	5.1	10.5	76.0	21	46.4	13	70.9	52.8	61.9	26.4	6.3	18.1	0	8	22
July ..	1	4	2	3	4	12	4	1	0	29	2	0	6.0	10.1	82.2	29	45.0	8	71.0	51.4	61.2	34.7	7.2	19.6	0	10	21
August ..	1	4	4	6	8	6	2	0	0	30	1	0	6.5	9.6	78.2	16	46.8	17	72.0	51.4	61.7	30.4	6.6	20.6	0	24	7
September	1	9	2	9	3	5	0	1	0	30	0	0	5.1	10.5	83.5	16	46.0	17	75.8	52.9	64.3	36.8	15.5	22.9	0	19	11
October	4	15	0	7	0	3	0	2	0	28	3	0	6.0	13.2	85.2	9	47.3	6	78.0	55.7	66.9	32.0	10.7	23.3	1	11	19
November	2	19	1	3	0	0	0	5	0	30	0	0	6.9	13.2	82.0	12	49.3	16	74.0	56.3	65.1	28.7	8.9	17.8	4	8	18
December	0	24	1	0	0	0	0	5	1	27	3	0	7.6	12.1	79.0	21	52.9	19	74.5	56.6	65.5	24.9	13.6	17.9	0	8	23
Year ..	24	153	30	46	21	55	13	21	2	339	24	0	6.6	12.4	87.6	Feb. 9	45.0	July 8	75.9	54.8	65.4	36.8	6.6	21.2	5	114	246

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT NAKURU, D. C. 1937
 Latitude 0° 17' S. Longitude 36° 04' E. Altitude 6,024 feet. Standard Time 2h. 45m. East. Reference Number 90.3621

MONTH	Atmospheric Pressure*		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Mean Cloud Amounts		Number of occasions of Cloud Amounts at 8.30						Rainfall			Number of Days of		
	8.30	14.30	Dry	Bulb	Dew Point		8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	Total		Max. fall in 24hrs.	Date	Rain	Thun-der	
			8.30	14.30	8.30	14.30														mm.	Ins.					
	Ins.	Ins.	° F.	° F.	° F.	° F.	Ins.	Ins.	Ins.	Ins.	%	%									Ins.					
January .	24-212	24-096	61.8	78.4	52.5	48.7	.399	.346	.159	.634	71	35	4.5	6.1	0	15	11	5	0	26.9	1.06	0.53	21	4	0	
February	24-220	24-091	62.8	83.3	50.7	43.5	.372	.284	.204	.865	65	25	5.2	5.8	0	5	18	5	0	0.0	0.00	0.00	—	0	0	
March ..	24-176	24-052	64.0	81.4	53.8	46.6	.416	.319	.186	.759	69	30	4.4	6.9	0	7	22	2	0	38.6	1.52	0.84	20	5	0	
April ..	24-191	24-085	63.7	78.1	55.8	51.8	.449	.387	.145	.582	76	40	4.4	7.5	0	8	19	3	0	80.5	3.17	0.52	7	12	0	
May ..	24-209	24-111	63.1	74.9	56.3	54.5	.458	.428	.127	.443	78	49	5.2	7.7	0	4	20	7	0	120.6	4.75	0.87	30	15	0	
June ..	24-256	24-161	59.7	75.1	53.6	53.4	.413	.410	.104	.467	80	47	5.4	6.9	0	2	21	7	0	72.1	2.84	0.76	7	12	0	
July ..	24-247	24-167	59.5	73.9	53.4	53.1	.410	.405	.104	.440	80	48	5.7	6.6	0	2	20	9	0	96.0	3.78	0.81	11	12	0	
August ..	24-223	24-132	59.1	73.1	52.5	54.9	.399	.434	.109	.387	78	53	5.5	6.9	0	1	23	7	0	156.5	6.16	0.72	28	17	0	
September	24-238	24-126	60.6	73.3	53.6	55.6	.413	.446	.122	.378	77	54	4.3	7.7	0	16	7	4	2	46.5	1.83	0.42	13	17	2	
October..	24-232	24-117	62.6	71.6	53.1	52.3	.405	.396	.171	.384	70	51	4.8	8.3	0	14	9	5	3	47.2	1.86	0.30	7	19	3	
November	24-226	24-111	63.0	74.1	53.2	51.1	.408	.378	.171	.472	70	44	5.8	7.9	0	7	13	4	4	26.9	1.06	0.38	1	8	1	
December	24-200	24-073	63.3	77.1	54.7	48.7	.431	.346	.157	.596	73	37	5.0	7.2	0	10	14	3	4	48.0	1.89	0.65	23	8	0	
Year ..	24-219	24-110	61.9	76.2	53.6	51.2	.414	.382	.147	.534	74	43	5.0	7.1	0	91	197	61	13	759.8	29.92	0.87	May 30	129	6	

*At Station Level—Corrected for Temperature and to Standard Gravity.

MONTH	Frequency of Wind Directions at 8.30								Calm	Frequency of Wind Force at 8.30			Mean Velocity of Wind		Extremes of Temperature of the Air										Frequency of Visibility at 8.30					
															Max.				Date	Min.	Date	Mean		Max. + Min. ÷ 2				Range		
	N.	NE.	E.	SE.	S.	SW.	W.	NW.		1-3	4-7	> 7	8.30	14.30	Max.	Date	Min.	Date				Max.	Min.		° F.	° F.	° F.	° F.	° F.	° F.
January .	0	1	0	5	11	7	1	3	3	28	0	0	<i>mph.</i>	<i>mph.</i>	° F.		° F.		° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	0	1	30
February	0	1	0	0	11	4	0	2	10	18	0	0	1.3	9.8	88.6	22	43.9	20	85.5	48.2	66.9	44.3	28.9	37.2	0	15	13			
March ..	0	3	0	4	10	5	4	3	2	29	0	0	1.8	8.1	88.9	18	44.8	18	84.2	50.3	67.3	44.1	22.6	33.9	0	7	24			
April ..	0	0	0	0	17	2	0	2	9	21	0	0	1.3	6.0	85.2	6	47.8	1, 27	81.0	51.0	66.0	36.3	20.2	30.0	0	3	27			
May ..	0	1	0	1	22	5	0	0	2	29	0	0	1.8	5.4	83.4	6	47.6	29	78.3	52.0	65.1	33.2	15.7	26.3	1	3	27			
June ..	0	0	0	0	22	1	1	0	6	24	0	0	1.8	3.6	79.9	19	46.1	18	76.3	50.7	63.5	32.8	17.8	25.6	0	1	29			
July ..	0	1	0	0	24	0	0	2	4	27	0	0	2.0	2.7	80.1	8	45.0	1, 23	75.0	50.5	62.7	33.5	12.2	24.5	0	9	22			
August ..	0	1	0	0	21	1	0	2	6	25	0	0	1.8	3.8	77.6	14	43.1	27	74.9	49.6	62.3	32.9	17.2	25.3	0	1	30			
September	0	0	0	6	14	1	0	3	5	24	0	0	1.8	4.3	82.0	22	43.3	16	76.5	48.4	62.5	37.5	16.7	29.1	0	3	26			
October ..	0	0	0	18	5	0	0	2	6	25	0	0	1.8	3.6	82.3	11,12,17	43.1	17	77.5	48.0	62.7	39.2	18.9	29.5	0	7	24			
November	0	0	0	18	0	0	0	8	2	26	0	0	1.8	2.9	85.1	21	44.2	25	77.9	49.5	63.7	39.1	17.2	28.4	0	6	22			
December	0	0	1	17	2	0	0	5	6	25	0	0	1.6	4.0	84.9	19	43.1	19	79.6	50.1	64.9	41.8	17.3	29.5	1	11	19			
Year ..	0	8	1	69	159	26	6	32	61	301	0	0	1.7	5.2	88.9	Mar.18	38.2	Jan. 6	79.0	49.6	64.3	44.3	12.2	29.5	2	67	293			

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MANDERA, D.C., 1938

Latitude 3° 57' N. Longitude 41° 52' E. Altitude 738 feet. Standard Time 2h. 45m. East. Reference Number 86.4100

MONTH	Atmospheric Pressure*		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Mean Cloud Amounts		Number of occasions of Cloud Amounts at 8-30						Rainfall				Number of Days of	
	8.30 —	14.30 —	Dry	Bulb	Dew	Point	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	Total		Max. fall in 24 hrs.	Date	Rain	Thun-der	
			8.30	14.30	8.30	14.30														mm.	Ins.					
Ins.	Ins.	F.	F.	F.	F.	Ins.	Ins.	Ins.	Ins.	%	%										Ins.					
January .	29-179	29-019	82-2	91-0	65-5	61-3	-632	-546	-478	-925	57	37	1-7	2-4	13	12	4	2	0	0-0	0-00	0-00	—	0	—	
February	29-187	28-998	82-8	92-1	66-0	62-1	-644	-561	-487	-960	57	37	0-4	0-4	22	5	1	0	0	0-0	0-00	0-00	—	0	—	
March ..	29-158	28-966	85-0	92-7	69-8	66-7	-732	-661	-479	-883	61	43	3-5	2-3	10	9	5	3	4	0-8	0-03	0-03	31	1	—	
April ..	29-184	29-028	85-3	92-0	73-4	71-1	-830	-765	-396	-747	68	51	5-9	4-5	2	7	9	4	8	15-7	0-62	0-26	26, 29	4	—	
May ..	29-193	29-037	84-1	90-2	73-0	71-1	-821	-768	-354	-661	70	54	5-7	4-6	0	12	4	12	3	18-8	0-74	0-47	1	3	—	
June ..	29-258	29-122	82-0	86-7	68-7	69-1	-706	-718	-398	-564	64	56	3-5	6-7	2	16	6	4	1	0-0	0-00	0-00	—	0	—	
July ..	29-261	29-134	79-6	85-4	66-0	66-2	-647	-650	-369	-581	64	53	6-1	6-8	3	5	10	6	7	1-3	0-05	0-04	14	2	—	
August ..	29-229	29-087	80-0	86-5	64-4	63-9	-608	-597	-426	-679	59	47	4-9	5-8	3	9	11	7	1	0-0	0-00	0-00	—	0	—	
September	29-270	29-078	80-6	89-6	65-1	64-4	-623	-611	-431	-795	59	43	3-8	4-3	6	11	9	4	0	0-0	0-00	0-00	—	0	—	
October	29-211	29-057	81-2	87-9	71-1	71-8	-765	-786	-307	-549	71	59	4-8	5-1	0	6	22	3	0	35-6	1-40	0-59	14	5	—	
November	29-149	29-043	80-3	88-5	70-3	69-4	-747	-726	-295	-632	72	53	5-1	5-0	0	1	28	1	0	8-1	0-32	0-17	21	3	—	
December	29-131	29-043	81-9	88-7	68-7	68-5	-709	-703	-390	-661	65	52	6-2	5-2	0	0	18	12	1	8-4	0-33	0-33	3	1	—	
Year ..	29-201	29-051	82-1	89-3	68-5	67-1	-705	-674	-401	-720	64	49	4-3	4-4	61	93	127	58	25	88-7	3-49	0-59	Oct. 14	19	—	

*At Station Level—Corrected for Temperature and to Standard Gravity.

MONTH	Frequency of Wind Directions at 8.30								Calm	Frequency of Wind Force at 8.30			Mean Velocity of Wind		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	8.30	14.30	Max.	Date	Min.	Date	Mean		Max. + Min. ÷ 2	Range			Fog	Mist	Good Visi- bility
																			Max.	Min.		Max.	Min.	Mean			
																					F.						
January .	0	23	1	7	0	0	0	0	0	30	1	0	8-9	8-1	96-4	29	74-0	1,4,5,8	93-1	78-5	85-8	20-0	12-0	14-6	0	0	31
February	0	10	9	9	0	0	0	0	0	27	1	0	8-9	8-5	98-0	24, 25	76-0	5	94-6	80-0	87-3	18-0	10-0	14-6	0	1	27
March ..	0	5	5	18	1	1	0	0	1	30	0	0	7-6	7-6	100-0	15	78-8	28	95-1	81-0	88-1	19-8	10-4	14-1	0	0	31
April ..	0	0	0	25	1	2	0	0	2	28	0	0	8-5	5-4	98-0	4	74-0	30	94-3	80-7	87-5	18-0	9-8	13-6	0	0	30
May ..	0	0	0	2	0	28	0	0	1	25	5	0	9-6	9-2	94-0	6,13,22	74-0	14	91-5	80-8	86-1	14-3	6-0	10-7	0	0	31
June ..	0	0	0	0	0	28	1	0	0	19	10	0	11-4	11-9	92-0	5	76-0	27	88-5	78-3	83-4	14-0	8-0	10-2	0	0	29
July ..	0	0	0	0	0	30	1	0	0	23	8	0	11-4	11-2	90-0	29, 31	76-0	Often	86-8	76-4	81-6	14-0	6-4	10-4	0	0	31
August ..	0	0	0	0	1	30	0	0	0	29	2	0	10-3	11-2	90-0	Often	76-0	Often	87-7	76-4	82-1	14-0	8-0	11-3	0	0	31
September	0	0	0	0	8	21	1	0	0	29	1	0	9-6	9-4	98-0	22, 23	75-0	30	91-2	77-4	84-3	20-0	8-0	13-8	0	0	30
October ..	0	0	0	0	14	16	0	0	1	30	0	0	5-6	8-1	95-0	7, 8	72-0	1, 31	90-7	77-1	83-9	18-0	7-0	13-6	0	0	31
November	0	0	0	8	3	19	0	0	0	30	0	0	7-2	8-5	94-0	16	71-0	23	90-5	75-8	83-1	20-0	10-0	14-7	0	0	30
December	0	0	12	11	1	7	0	0	0	30	1	0	7-6	7-4	94-0	15	69-0	27	91-4	76-7	84-1	23-0	6-0	14-6	0	0	31
Year ..	0	38	27	80	29	182	3	0	5	330	29	0	8-9	8-9	100-0	Mar.15	69-0	Dec.27	91-3	78-3	84-8	23-0	6-0	13-0	0	1	363

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT MOYALE, D.C. 1938

Latitude 3° 32' N. Longitude 39° 03' E. Altitude 3,429 feet. Standard Time 2h. 45m. East. Reference Number 86.3900

MONTH	Atmospheric Pressure*		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amounts		Number of occasions of Cloud Amounts at 8-30						Rainfall			Number of Days of	
	8.30	14.30	Dry	Bulb	Dew Point		8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	Total		Max. fall in 24 hrs.	Date	Rain	Thunder
			8.30	14.30	8.30	14.30														mm.	Ins.				
	Ins.	Ins.	° F.	° F.	° F.	° F.	Ins.	Ins.	Ins.	Ins.	%	%									Ins.				
January .	26-347	26-196	73-6	84-7	57-2	53-2	·473	·408	·363	·797	57	34	2-8	5-3	14	8	1	4	3	10-4	0-41	0-30	11	3	—
February	26-361	26-237	75-8	88-7	56-5	50-5	·461	·369	·437	·995	51	27	0-6	3-6	21	5	2	0	0	0-0	0-00	0-00	—	0	—
March ..	26-320	26-214	74-2	85-1	60-3	57-2	·526	·473	·324	·744	62	39	3-8	5-5	8	9	6	6	2	2-8	0-11	0-11	20	1	—
April ..	26-344	26-246	68-7	77-7	59-5	64-0	·514	·602	·195	·355	73	63	9-1	5-8	0	2	0	5	20	150-1	5-91	1-30	8	14	—
May ..	26-376	26-282	66-7	77-0	61-9	64-4	·558	·608	·103	·328	84	65	8-7	5-1	0	3	1	7	20	86-9	3-42	1-85	13	5	—
June ..	26-444	26-347	65-4	75-5	58-1	57-6	·487	·478	·145	·414	77	54	7-8	6-2	0	4	5	6	15	4-6	0-18	0-12	5	2	—
July ..	26-429	26-338	63-9	72-8	56-8	56-7	·467	·464	·132	·351	78	57	8-8	7-5	0	3	1	7	20	9-7	0-38	0-14	2, 17	3	—
August ..	26-406	26-305	63-6	74-3	55-8	55-0	·449	·437	·145	·419	76	51	8-3	6-9	1	2	3	5	20	6-6	0-26	0-13	2	3	—
September	26-426	26-308	65-8	77-2	55-8	55-4	·449	·443	·192	·499	70	47	7-3	5-4	1	5	4	6	14	5-6	0-22	0-12	3	2	—
October..	26-397	26-276	67-1	77-6	58-1	59-0	·487	·505	·183	·449	73	53	7-9	4-8	0	3	7	3	18	124-7	4-91	2-60	15	10	—
November	26-376	26-255	68-7	78-2	60-4	59-9	·529	·520	·180	·455	75	53	6-2	4-4	2	7	6	2	13	50-3	1-98	1-35	18	5	—
December	26-344	26-223	70-0	80-1	60-8	57-4	·537	·475	·201	·559	73	46	4-5	4-7	5	10	7	3	6	46-2	1-82	0-65	24	5	—
Year ..	26-381	26-269	68-6	79-1	58-4	57-5	·495	·482	·217	·530	71	49	6-3	5-4	52	61	43	54	151	497-9	19-60	2-60	Oct. 15	53	—

*At Station Level—Corrected for Temperature and to Standard Gravity.

MONTH	Frequency of Wind Directions at 8.30								Calm	Frequency of Wind Force at 8.30			Mean Velocity of Wind		Extremes of Temperature of the Air										Frequency of Visibility at 8.30		
															Max.	Date	Min.	Date	Mean		Max. + Min. ÷ 2	Range					
	Max.	Min.	Max.	Min.	Mean																						
						N.	NE.	E.		SE.	S.	SW.	W.	NW.					1-3	4-7	> 7	8.30	14.30	° F.		° F.	
January .	0	0	10	10	10	0	0	0	0	28	2	0	<i>mph.</i> 7-6	<i>mph.</i> 8-7	° F. 91-0	30	° F. 60-6	3, 4, 6	° F. 87-2	° F. 64-7	° F. 75-9	° F. 28-1	° F. 12-8	° F. 22-5	0	0	30
February	0	0	7	6	11	3	1	0	0	27	1	0	6-9	6-7	94-0	9	63-1	13	90-4	66-1	78-3	28-4	20-4	24-3	0	0	28
March ..	0	0	3	6	13	9	0	0	0	25	6	0	8-3	9-2	94-6	15	62-8	5	88-4	66-6	77-5	26-8	17-2	21-8	0	0	31
April ..	0	0	0	6	19	2	0	0	0	25	2	0	6-7	7-2	86-4	3, 4	60-2	2	81-6	65-1	73-3	22-7	11-4	16-5	4	4	19
May ..	0	0	0	17	9	4	0	0	1	26	4	0	9-4	6-7	81-7	4	60-2	27	78-2	63-4	70-8	19-9	8-3	14-8	0	1	30
June ..	0	0	0	24	1	5	0	0	0	20	10	0	11-2	8-9	80-0	4, 25, 26	59-2	28	76-9	61-3	69-1	19-0	11-0	15-6	0	0	30
July ..	0	0	0	21	1	9	0	0	0	24	7	0	10-5	7-6	82-0	30	59-0	Often	74-9	60-4	67-7	20-9	10-0	14-4	0	0	31
August ..	0	0	0	22	0	9	0	0	0	22	9	0	9-8	8-9	81-9	16	59-0	Often	76-2	60-4	68-3	22-0	11-0	15-8	0	2	29
September	0	0	0	19	0	11	0	0	0	19	11	0	10-3	8-3	84-0	12	59-2	5	79-3	61-2	70-3	24-0	12-3	18-1	0	0	30
October..	0	0	0	27	0	4	0	0	0	29	2	0	7-2	7-2	85-7	9	61-0	Often	79-5	63-1	71-3	20-9	8-7	16-4	4	1	26
November	0	0	0	29	0	0	0	0	1	29	0	0	5-6	6-9	88-8	29	60-0	24	79-5	62-5	71-0	28-7	10-0	17-0	5	0	25
December	1	0	6	24	0	0	0	0	0	31	0	0	5-6	7-2	87-4	18	59-0	27	82-1	62-9	72-5	25-7	6-4	19-3	0	0	31
Year ..	1	0	26	211	64	56	1	0	2	305	54	0	8-3	7-8	94-6	March 15	59-0	July, Aug., Dec.	81-2	63-1	72-2	28-7	6-4	18-0	13	8	340

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT KITALE, D.C., 1938

Latitude 1° 01' N.

Longitude 35° 10' E.

Altitude 6,220 feet.

Standard Time 2h. 45m. East.

Reference Number 88-3501

MONTH	Atmospheric Pressure*		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amounts		Number of Occasions of Cloud Amounts at 8.30						Rainfall			Number of Days of	
	8.30	14.30	Dry	Bulb	Dew	Point	8.30	14.30	8.30	14.30	8.30	14.30	8.30	14.30	0	1-3	4-6	7-9	10	Total		Max. fall in 24 hrs.	Date	Rain	Thunder
			8.30	14.30	8.30	14.30														mm.	Ins.				
	Ins.	Ins.	° F.	° F.	° F.	° F.	Ins.	Ins.	Ins.	Ins.	%	%									Ins.				
January ..	—	—	65.5	76.5	52.0	48.6	.390	.343	.242	.575	62	37	4.2	9.1	1	16	4	4	4	40.9	1.61	1.29	20	3	—
February ..	—	—	65.6	81.0	51.8	46.8	.387	.322	.251	.744	61	30	6.7	9.1	0	4	5	12	7	0.0	0.00	0.00	—	0	—
March ..	—	—	66.4	77.6	55.8	49.6	.449	.357	.204	.597	69	37	6.2	9.3	0	10	5	11	5	31.7	1.25	0.90	20	8	—
April ..	—	—	67.1	76.5	56.8	53.2	.467	.408	.203	.510	70	44	7.3	9.5	0	1	6	16	7	81.5	3.21	0.78	8	15	—
May ..	—	—	65.1	70.8	58.5	57.6	.493	.478	.133	.284	79	63	6.7	8.9	0	5	6	14	6	156.2	6.15	1.50	9	22	2
June ..	—	—	63.4	67.2	57.0	55.8	.470	.449	.118	.224	80	67	7.4	9.5	0	2	5	16	7	90.2	3.55	0.61	9	18	—
July ..	—	—	61.4	66.4	57.0	54.9	.470	.434	.076	.219	86	67	8.3	9.7	0	0	6	13	12	226.1	8.90	1.98	16	23	6
August ..	—	—	62.2	66.2	57.0	56.3	.470	.458	.094	.192	83	70	7.2	9.5	0	1	10	15	5	222.3	8.75	1.88	31	21	17
September ..	—	—	64.2	66.4	56.5	54.9	.461	.434	.144	.219	76	67	5.3	9.0	0	2	17	10	1	117.1	4.61	1.34	19	13	3
October ..	—	—	65.3	69.5	55.9	55.2	.452	.440	.177	.236	72	61	5.8	8.4	0	3	12	16	0	57.9	2.28	0.46	24	17	1
November ..	—	—	64.4	72.9	54.1	52.0	.422	.390	.186	.425	69	49	5.0	8.2	0	4	18	7	1	39.1	1.54	0.51	12	10	1
December ..	—	—	64.0	73.6	52.2	48.2	.393	.340	.209	.496	65	41	4.7	7.9	0	8	16	4	3	14.5	0.57	0.19	22	7	1
Year ..	—	—	64.5	72.1	55.4	52.8	.444	.404	.170	.398	73	53	6.2	9.0	1	56	110	138	58	1077.5	42.42	1.98	July 16	157	—

*At Station Level—Corrected for Temperature and to Standard Gravity

MONTH	Frequency of Wind Directions at 8.30								Calm	Frenquency of Wind Force at 14.30			Mean Velocity of Wind		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	8.30	14.30	Max.	Date	Min.	Date	Mean		Max. + Min. ÷ 2	Range			Fog	Mist	Good Visi- bility		
																			Max.	Min.		Max.	Min.	Mean					
													<i>mph.</i>	<i>mph.</i>	<i>° F.</i>		<i>° F.</i>		<i>° F.</i>	<i>° F.</i>	<i>° F.</i>	<i>° F.</i>	<i>° F.</i>	<i>° F.</i>					
January ..	0	0	12	1	1	0	0	0	15	11	3	0	3.8	9.4	85.0	16	48.0	13	80.1	52.2	66.1	32.8	18.1	27.9	1	1	27		
February ..	1	5	10	0	0	0	0	0	12	15	1	0	4.3	8.7	86.9	20	50.0	8, 21	83.5	52.8	68.1	34.7	24.5	30.7	2	10	16		
March ..	6	12	5	0	2	0	2	0	4	26	1	0	5.1	12.3	86.4	31	50.2	5	81.6	54.7	68.1	33.4	17.9	26.9	0	3	28		
April ..	3	2	4	0	0	0	0	3	18	12	0	0	2.0	9.6	85.9	6	52.6	21	80.7	55.2	67.9	31.9	20.7	25.5	0	0	30		
May ..	3	3	1	1	0	0	0	1	22	9	0	0	1.1	7.4	79.2	11	51.9	27	75.1	54.4	64.7	24.9	13.4	20.8	0	2	29		
June ..	5	4	2	0	0	0	0	1	18	12	0	0	1.3	8.1	78.4	13	49.8	28	73.6	53.3	63.5	27.2	13.9	20.3	0	0	30		
July ..	9	3	1	0	0	0	0	2	16	15	0	0	2.7	9.8	78.0	31	48.1	6	71.0	52.9	61.9	28.0	4.1	18.1	0	5	26		
August ..	11	2	0	0	0	0	0	2	16	9	6	0	4.9	10.7	75.8	29	49.1	4	72.6	53.0	62.8	24.3	10.7	19.6	0	1	30		
Spetember ..	11	7	0	0	0	0	0	1	11	16	3	0	5.4	11.0	78.3	10	48.2	10	75.2	53.0	64.1	30.1	8.9	22.2	0	0	30		
October ..	1	7	3	0	0	0	0	2	18	13	0	0	3.1	10.5	79.8	3	48.8	17	75.8	53.5	64.7	29.3	17.4	22.3	0	0	31		
November ..	4	6	8	4	0	0	0	0	8	19	3	0	5.6	10.3	80.2	25	50.0	17	76.8	53.0	64.9	28.3	17.0	23.8	0	0	30		
December ..	5	6	15	0	0	0	0	1	4	24	3	0	6.7	12.8	82.0	29	49.0	17	78.0	52.3	65.1	30.7	17.1	25.7	0	0	31		
Year ..	59	57	61	6	3	0	2	13	162	181	20	0	3.8	10.1	86.9	Feb. 20	48.0	Jan. 13	77.0	53.4	65.2	34.7	4.1	23.6	3	22	338		

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT NAROK, 1938

Latitude 1° 08' S. Longitude 35° 50' E. Altitude 6,201 feet. Standard Time 2h. 45m. E. Reference Number 91-3501

MONTH	Atmospheric Pressure*		Temperature				Vapour Pressure		Saturation Deficit		Relative Humidity		Total Cloud Amounts		Number of Occasions of Cloud Amounts at 8.30						Rainfall				Number of Days of	
																					Total		Max. fall in 24 hrs.	Date	Rain	Thun-der
	8.30	14.30	Dry Bulb		Dew Point		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.					
			8.30	14.30	8.30	14.30														mm.	Ins.					
	Ins.	Ins.	° F.	° F.	° F.	° F.	Ins.	Ins.	Ins.	Ins.	%	%									Ins.					
January ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.8	0.15	0.11	22	2	—
February ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	49.5	1.95	0.66	10	6	—
March ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	114.6	4.51	2.16	26	7	—
April ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.3	1.31	0.39	6	7	—
May ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	36.8	1.45	0.53	8	7	—
June ..	—	—	57.4	69.2	50.9	49.8	375	360	100	361	79	50	8.4	7.6	0	1	3	13	13	10.4	0.41	0.21	20	7	13	
July ..	—	—	56.1	69.1	49.5	48.2	354	340	101	378	78	47	7.9	7.6	0	2	7	10	12	3.6	0.14	0.10	19	3	9	
August ..	—	—	56.9	71.3	57.0	48.0	351	337	116	434	75	44	7.7	7.2	0	1	8	14	8	0.0	0.00	0.00	—	0	26	
September ..	—	—	59.6	72.4	50.5	47.8	369	334	145	466	72	42	7.1	7.1	0	2	9	13	6	7.9	0.31	0.25	13	2	23	
October ..	—	—	62.5	74.2	52.2	48.9	393	348	177	502	69	41	6.9	7.9	0	2	12	12	5	47.2	1.86	0.64	8	10	25	
November ..	—	—	62.1	73.4	53.1	48.7	405	346	156	484	72	42	7.5	8.3	0	2	7	13	8	43.7	1.72	1.20	14	9	14	
December ..	—	—	61.0	74.6	53.1	50.5	405	369	135	496	75	43	6.8	7.8	0	2	11	10	8	33.0	1.30	0.32	23	13	12	
Year ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	383.8	15.11	2.16	Mar.26	73	—	

*At Station Level—Corrected for Temperature and to Standard Gravity

MONTH	Frequency of Wind Directions at 8.30								Calm	Frenquency of Wind Force at 14.30			Mean Velocity of Wind		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	8.30	14.30	Max.	Date	Min.	Date	Mean		Max. + Min. ÷ 2	Range			Fog	Mist	Good Visi- bility
																			Max.	Min.		Max.	Min.	Mean			
												<i>mph.</i>	<i>mph.</i>	° F.		° F.			° F.	° F.	° F.	° F.	° F.	° F.			
January..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
February	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June ..	0	0	11	18	0	0	1	0	0	30	0	0	7.6	12.8	75.7	19	39.6	15	70.8	49.1	59.9	33.6	6.7	21.7	0	3	27
July ..	0	1	7	17	2	0	0	3	1	30	0	0	6.7	11.4	79.4	9	39.0	4, 7	70.7	46.5	58.6	37.1	3.4	24.2	0	1	30
August ..	0	0	4	25	1	0	0	0	1	30	0	0	8.1	11.9	77.4	16	35.7	26	72.5	45.0	58.7	35.8	18.2	27.5	0	0	31
September	0	0	4	23	2	0	1	0	0	30	0	0	8.5	13.6	79.3	16	37.7	23	74.5	45.0	59.7	40.2	20.4	29.5	0	0	30
October..	0	0	4	27	0	0	0	0	0	28	3	0	9.2	14.5	79.3	20	38.8	1	76.1	46.7	61.4	38.0	18.1	29.3	0	1	30
November	0	0	2	18	2	0	0	0	8	19	3	0	6.9	20.1	82.3	12	39.0	16	76.2	46.4	61.3	41.0	17.4	29.7	0	1	29
December	1	0	3	12	5	1	5	2	2	29	0	0	5.1	15.2	80.4	21	38.7	16	77.1	46.5	61.8	39.7	16.5	30.6	0	0	31
Year ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

