EAST AFRICAN METEOROLOGICAL DEPARTMENT

SUMMARY OF METEOROLOGICAL OBSERVATIONS

FOR

1955.

PART IV - ZANZIBAR.

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Kisauni, Zanzibar
Wete, Pemba

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT KISAUNI, ZANZIBAR IN 1955.

Latitude 06° 13' S Longitude 39° 13' E Altitude 68 feet. E. A. Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1) 0600 G.M.T.	Atmospheric Pressure (1) 1200 G.M.T.	Temperature Dry Bulb 0600 G.M.T.	Temperature Dry Bulb 1200 G.M.T.	Temperature Dew Point 0600 G.M.T.	Temperature Dew Point 1200 G.M.T.	Extremes of Temperature Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. 2	Mean Range	Relative Humidity 0600 G.M.T.	Relative Humidity 1200 G.M.T.	Rainfall Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	1008.5	1006.6	82.6	86.7	74.1	72.5	92.0	19	68.5	21	88.9	73.4	81.1	15.5	75	63	2.37	0.68	27
February	1005.7	1002.0	80.8	86.6	73.5	72.1	91.2	2	70.0	24	88.5	74.3	81.4	14.2	79	62	4.30	2.22	8
March	1006.7	1003.2	82.8	87.1	74.3	73.7	92.2	12	69.0	6, 7	89.2	73.0	81.1	16.2	76	65	4.73	1.58	19
April	1008.4	1004.8	78.5	84.0	73.7	73.4	90.0	4	71.5	30	85.4	73.6	79.5	11.8	85	71	15.79	1.94	29
May	1011.5	1008.5	77.0	80.9	72.0	72.0	87.8	4	67.0	27	83.1	72.7	77.9	10.4	85	75	16.76	5.18	2
June	1013.3	1010.5	75.4	80.6	69.5	68.4	88.0	4	65.0	4	82.4	70.7	76.5	11.7	82	67	4.53	1.31	15
July	1013.1	1010.2	74.7	81.1	68.7	66.7	84.7	24	64.0	24	82.5	69.5	76.0	13.0	82	62	1.56	0.65	7
August	1012.5	1008.9	74.7	82.9	67.7	63.5	86.8	31	59.2	12	84.0	66.6	75.3	17.4	79	53	0.16	0.09	27
September	1011.9	1008.1	76.5	84.4	68.5	65.0	88.0	30	62.5	8	85.9	65.9	75.9	20.0	77	53	1.01	0.84	18
October	1011.0	1007.0	80.0	84.7	69.8	68.1	91.0	26	62.0	14	86.6	67.9	77.3	18.7	72	58	0.76	0.48	7
November	1009.3	1005.2	81.4	84.5	72.7	71.8	89.8	9	66.0	1	87.0	70.7	78.9	16.3	75	66	6.62	2.37	27
December	1007.6	1003.8	82.1	85.9	73.7	72.6	90.0	13, 31	67.0	5	87.7	71.8	79.7	15.9	75	65	6.49	1.74	16
Year	1008.8	1006.4	78.9	84.1	71.5	70.0	92.2	March 12	59.2	Aug. 12	85.9	70.8	78.3	15.1	79	63	65.08	5.18	May 2

Month	Prevailing Wind Direction (2) 0600 G.M.T.	Prevailing Wind Direction (2) 1200 G.M.T.	Mean Wind Speed 0600 G.M.T.	Mean Wind Speed 1200 G.M.T.	Cloud Amount (eighths) and Frequency of Total Cloud. Total 0600 G.M.T.	Total 1200 G.M.T.	Low 0600 G.M.T.	Low 1200 G.M.T.	0600 G.M.T. 0	1-2	3-5	6-7	8	1200 G.M.T. 0	1-2	3-5	6-7	8	Frequency of Visibility (3) 0600 G.M.T. Fog	Mist or Haze	Good	1200 G.M.T. Fog	Mist or Haze	Good	No. of days of Rain (4)	Thunder
			knots	knots																						
January	E	E	7	6	5.4	4.6	4.4	2.4	0	4	10	15	2	0	8	11	9	3	0	0	31	0	0	31	12	5
February	E	E	8	10	6.7	5.1	4.9	2.4	0	0	4	17	7	0	5	8	12	3	0	1	27	0	0	28	5	4
March	E	E	5	7	5.5	4.9	4.3	3.1	0	2	11	16	2	0	6	9	15	1	0	0	31	0	0	31	9	5
April	SE-WSW	ESE-S	5	6	6.7	5.2	5.6	2.9	0	1	13	17	9	0	3	14	7	6	0	1	29	0	0	30	22	7
May	SSE-W	ESE-SW	7	7	6.2	6.2	5.4	4.9	0	3	5	12	11	0	3	3	15	10	0	0	31	0	1	30	24	3
June	S/SSW	ESE-S	7	10	4.6	4.6	3.7	2.7	0	10	4	12	4	0	8	17	12	3	0	0	30	0	0	30	12	0
July	S	SSE	6	10	4.6	4.8	4.1	2.3	0	8	11	10	2	0	8	7	13	3	0	0	31	0	0	31	10	0
August	S-W	SE/SSE	9	13	5.4	2.8	4.6	1.5	0	4	9	17	1	0	19	7	5	0	0	0	31	0	0	31	2	0
September	SSE-WSW	SE/SSE	7	12	5.8	3.5	5.7	2.6	0	0	9	20	1	0	14	7	8	1	0	0	30	0	0	30	6	0
October	E	E-S	7	7	5.5	4.1	5.2	3.1	0	1	13	17	1	0	9	15	6	1	0	0	31	0	0	31	7	0
November	E	E-SSE	6	8	5.4	4.8	5.2	3.4	0	1	13	12	4	0	5	11	11	3	0	0	30	0	0	30	15	4
December	E/W	E	7	8	5.9	5.1	4.6	3.5	0	2	6	21	2	0	2	16	11	2	0	0	31	0	0	31	15	9
Year	E	E-S	7	9	5.6	4.6	4.8	2.9	0	36	97	186	46	0	90	115	124	36	0	2	363	0	1	364	139	37

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

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT WETE, PEMBA IN 1955.

Latitude 05° 04'S Longitude 39° 43'E Altitude 60 feet. E. A. Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Dry Bulb		Dew Point														
	0600 G.M.T.	1200 G.M.T.	0600 G.M.T.	1200 G.M.T.	0600 G.M.T.	1200 G.M.T.	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. 2	Mean Range	0600 G.M.T.	1200 G.M.T.	Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	Ins.	Ins.	
January	-	-	82.0	-	73.8	-	90.0	18	71.2	21	87.4	75.4	81.4	12.0	76	-	6.45	3.05	27
February	-	-	80.3	-	73.5	-	88.0	2,14	70.3	5	86.0	75.3	80.7	10.7	80	-	1.96	0.85	4
March	-	-	83.1	-	74.9	-	92.0	21	71.0	13,20	88.9	74.4	81.7	14.5	76	-	0.67	0.42	30
April	-	-	80.1	-	74.3	-	90.0	4,6	73.0	Often	84.8	74.3	79.5	10.5	83	-	18.17	2.17	30
May	-	-	76.9	-	72.7	-	88.0	9	68.0	15	83.2	71.7	77.5	11.5	87	-	26.51	5.55	1
June	-	-	76.9	-	70.7	-	85.0	4	67.2	4	81.5	70.4	75.9	11.1	82	-	7.61	1.34	15
July	-	-	76.1	-	70.2	-	83.0	Often	67.0	Often	81.5	70.1	75.8	11.4	82	-	2.72	1.09	12
August	-	-	77.1	-	69.6	-	84.0	7,27,29	61.0	14	82.0	68.5	75.3	13.5	78	-	0.28	0.12	1,23
September	-	-	79.1	-	70.3	-	88.0	25	63.0	24	84.4	68.9	76.7	15.5	75	-	0.20	0.20	29
October	-	-	81.0	-	73.1	-	88.0	23	64.0	22	85.0	70.1	77.5	14.9	77	-	2.90	1.38	10
November	-	-	82.8	-	75.5	-	90.0	26	70.0	12,14	86.5	73.1	79.8	13.4	79	-	7.45	3.18	18
December	-	-	84.7	-	73.7	-	93.0	18	71.0	5,6	88.1	74.1	81.1	14.0	70	-	3.68	1.63	14
Year	-	-	80.0	-	72.7	-	93.0	Dec. 18	61.0	Aug. 14	84.9	72.2	78.5	12.7	79	-	78.60	5.55	May 1

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.														Frequency of Visibility (3)						No. of days of	
					Total		Low		0600 G.M.T.				1200 G.M.T.						0600 G.M.T.			1200 G.M.T.				
	0600 G.M.T.	1200 G.M.T.	0600 G.M.T.	1200 G.M.T.	0600 G.M.T.	1200 G.M.T.	0600 G.M.T.	1200 G.M.T.	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			knots	knots																						
January	SW/NW	-	5	-	4.9	-	1.0	-	0	0	30	1	0	-	-	-	-	-	0	0	31	-	-	-	4	0
February	SW/NW	-	5	-	4.2	-	1.0	-	0	0	27	1	0	-	-	-	-	-	0	0	28	-	-	-	3	0
March	SW/NW	-	5	-	4.1	-	1.0	-	0	1	29	0	1	-	-	-	-	-	0	0	31	-	-	-	3	0
April	NW	-	5	-	5.3	-	1.0	-	0	0	20	5	5	-	-	-	-	-	0	0	30	-	-	-	21	0
May	SW/NW	-	3	-	6.5	-	1.0	-	0	0	5	20	6	-	-	-	-	-	0	0	31	-	-	-	29	0
June	SW/NW	-	3	-	5.6	-	1.0	-	0	0	13	14	3	-	-	-	-	-	0	0	30	-	-	-	15	0
July	SW/NW	-	4	-	4.7	-	1.0	-	0	0	28	2	1	-	-	-	-	-	0	0	31	-	-	-	10	0
August	SW	-	5	-	4.3	-	1.1	-	0	2	28	1	0	-	-	-	-	-	0	0	31	-	-	-	3	0
September	SW	-	1	-	4.2	-	1.0	-	0	0	30	0	0	-	-	-	-	-	0	0	30	-	-	-	1	0
October	E/SW	-	2	-	3.9	-	1.1	-	0	0	30	1	0	-	-	-	-	-	0	0	31	-	-	-	5	0
November	E	-	1	-	4.8	-	1.4	-	0	0	22	8	0	-	-	-	-	-	0	0	30	-	-	-	15	0
December	SW	-	1	-	4.4	-	1.5	-	0	1	28	2	0	-	-	-	-	-	0	0	31	-	-	-	9	0
Year	SW/NW	-	3	-	4.7	-	1.1	-	0	4	290	55	16	-	-	-	-	-	0	0	365	-	-	-	118	0

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