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METEOROLOGICAL DEPARTMENT

SUMMARY OF METEOROLOGICAL OBSERVATIONS

FOR

1952.

PART IV - ZANZIBAR.

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September 14, 1999

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SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT CHUKWANI, ZANZIBAR IN 1952.

Latitude 6° 15'S Longitude 39° 13'E Altitude 61 feet. Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Dry Bulb		Dew Point													Max. Fall	
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. 2	Mean Range	0830	1430	Total	in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	81.7	86.6	76.7	77.3	92.8	29	73.0	1	88.2	75.5	81.9	12.7	85	74	2.45	1.95	11
February	-	-	82.2	90.5	77.7	79.4	97.6	14	75.0	Often	92.1	76.2	84.1	15.9	86	70	1.74	0.76	16
March	-	-	83.0	91.7	78.9	79.5	98.7	24	73.0	15	95.3	77.5	86.4	17.9	88	68	3.14	1.77	30
April	-	-	80.6	86.9	77.3	77.6	94.9	4	75.0	30	89.0	77.2	83.1	11.8	90	74	4.84	1.10	9
May	-	-	79.1	83.9	76.1	75.2	92.0	1	73.0	25	86.6	75.8	81.2	10.8	90	75	6.39	4.58	4
June	-	-	76.8	82.4	73.0	71.2	91.0	11	70.5	24	85.1	73.9	79.5	11.1	88	69	0.92	0.32	23
July	-	-	75.9	81.9	70.9	68.1	87.1	25	70.3	18	84.1	72.7	78.4	11.3	85	63	0.14	0.11	21
August	-	-	75.0	82.1	71.3	69.2	91.3	26	66.9	30	85.1	71.4	78.3	13.7	86	65	1.01	0.73	7
September	-	-	77.7	83.7	72.2	70.4	92.7	30	68.7	7	87.3	71.9	79.6	15.4	83	64	1.01	0.41	23
October	-	-	79.3	84.9	72.9	71.6	96.5	23	69.5	13	89.0	71.8	80.4	17.2	81	65	3.48	1.62	30
November	-	-	80.3	85.2	74.7	75.4	92.9	30	71.0	2	87.8	73.2	80.5	14.6	83	73	3.71	0.91	17
December	-	-	82.3	88.7	76.7	77.7	96.2	25	73.8	Often	91.3	74.9	83.1	16.4	83	70	2.71	0.78	1
Year	-	-	79.6	85.7	74.9	74.4	98.7	March 24	66.9	Aug. 30	88.4	74.3	81.4	14.1	86	69	31.54	4.58	May 4

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.															Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430						0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			knots	knots																						
January	N	N	5	6	5.3	4.9	3.3	3.1	0	6	6	10	9	0	4	15	6	6	0	0	31	0	0	31	7	4
February	N	N	2	4	4.3	4.9	2.6	3.6	0	8	8	6	7	0	3	16	3	7	0	0	29	0	0	29	5	2
March	N	N	1	3	5.0	4.5	3.3	2.3	0	7	9	6	9	0	6	14	4	7	0	0	31	0	0	31	11	11
April	S/N	S/N	5	6	5.9	6.4	3.2	2.7	0	4	8	3	15	0	2	5	5	18	0	0	30	0	0	30	15	1
May	S	S/SW	5	8	4.5	3.8	3.3	2.7	0	10	8	5	8	0	12	11	2	6	0	0	31	0	2	29	8	0
June	S-W	S	6	10	4.6	4.4	3.9	3.4	0	10	5	3	12	0	12	6	4	8	0	1	29	0	1	29	8	0
July	SW	SE-SW	6	10	4.0	4.5	3.5	3.5	0	10	10	6	5	0	12	5	6	8	0	0	31	0	0	31	4	0
August	SW	SE-SW	5	15	4.4	4.2	4.2	3.8	0	8	10	9	4	0	13	4	4	10	0	0	31	0	0	31	9	0
September	SW	SE/S	4	11	5.0	3.8	4.8	3.4	0	4	12	11	3	0	11	10	5	4	0	0	30	0	0	30	6	0
October	SE	SE/S	2	10	4.7	3.8	4.5	3.4	0	6	12	11	2	0	14	7	7	3	0	0	31	0	1	30	7	2
November	SE	SE/S	1	7	4.9	4.6	4.7	4.3	0	1	16	9	4	0	6	12	8	4	0	0	30	0	0	30	13	2
December	NE/E	E/NW	3	5	3.8	4.5	3.3	3.6	0	9	12	8	2	0	3	20	4	4	0	0	31	0	0	31	14	1
Year	SW/S	SE/S	4	8	4.7	4.5	3.7	3.3	0	83	116	87	80	0	98	125	58	86	0	1	365	0	4	362	107	23

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

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT KISAUNI, ZANZIBAR IN 1952.

Latitude 6° 13'S Longitude 39° 13'E Altitude 60 feet. Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Dry Bulb		Dew Point														
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. 2	Mean Range	0830	1430	Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	81.3	86.4	75.4	74.9	90.2	27	70.3	18	88.0	73.5	80.7	14.4	83	69	0.95	0.56	11
February	-	-	81.9	88.2	75.5	74.4	94.7	22	72.1	1,12	89.9	74.3	82.1	15.6	81	64	2.14	1.04	18
March	-	-	82.7	88.0	76.6	75.5	95.0	3	71.5	1	90.9	75.1	83.0	15.8	82	67	4.44	1.75	30
April	-	-	80.2	85.4	74.8	74.3	91.0	4	71.4	18	86.8	75.8	81.3	11.0	84	70	1.84	0.61	9
May	1012.0	1009.2	78.3	84.4	74.0	72.9	89.0	28	68.7	24	85.5	73.7	79.6	11.8	87	69	6.74	3.75	4
June	1016.3	1013.8	75.9	82.6	70.4	68.0	87.0	1,5,9	69.0	26	83.9	72.7	78.3	11.2	83	61	1.54	0.33	17
July	1016.6	1014.1	75.0	82.6	68.2	65.0	86.0	25	65.1	19	83.7	70.8	77.3	12.9	80	55	0.08	0.08	21
August	1015.6	1013.8	75.2	82.9	68.8	65.4	87.5	26	59.2	28	84.4	67.5	75.9	16.9	81	56	0.88	0.62	7
September	1014.6	1011.6	77.3	83.7	69.9	67.3	89.2	15,17	62.8	2	85.8	68.2	77.0	17.7	78	58	1.60	0.54	22
October	1014.5	1011.0	79.2	84.5	70.4	67.7	90.0	16	65.1	24	87.1	67.8	77.5	19.3	74	57	2.32	0.57	28
November	1012.1	1008.9	80.5	83.7	72.2	71.7	89.4	10	67.5	2, 4	85.8	70.2	78.0	15.6	76	68	5.04	1.78	18
December	1011.5	1008.5	81.9	85.7	74.6	73.0	92.0	16	69.2	24	88.5	72.5	80.5	16.0	79	66	4.22	1.03	26
Year	-	-	79.1	84.8	72.6	70.8	95.0	March 3	59.2	Aug. 28	86.7	71.8	79.3	14.9	81	63	31.79	3.75	May 4

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.															Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430						0830			1430			Rain (4)	Thunder
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8	Fog	Mist or Haze	Good	Fog	Mist or Haze	Good		
			knots	knots																						
January	N	N	4	6	4.9	4.6	2.9	3.3	0	4	14	4	9	0	5	17	4	5	0	0	31	0	0	31	8	6
February	N	NW/N	2	5	4.8	4.8	2.0	3.4	0	4	12	6	7	0	3	17	3	6	0	0	29	0	0	29	7	2
March	N	E	2	4	5.0	4.9	3.0	2.4	0	8	6	9	8	0	4	14	6	7	0	0	31	0	0	31	8	17
April	SW	S-W	4	5	6.4	6.2	3.8	2.6	0	1	6	6	17	0	1	7	3	19	0	0	30	0	0	30	17	11
May	SW/E	SE/S	7	11	4.9	4.3	4.1	2.9	0	7	10	2	12	0	11	8	5	7	0	0	31	0	1	30	10	0
June	SW	SE/S	5	9	4.8	4.6	3.7	3.7	0	8	6	6	10	0	6	12	4	8	0	0	30	0	0	30	11	0
July	SW	SE	5	11	4.4	4.6	4.0	3.3	0	7	12	6	6	0	7	10	9	5	0	0	31	0	0	31	1	0
August	SW	SE	4	9	4.5	4.3	4.5	3.7	0	6	10	11	4	0	13	3	7	8	0	0	31	0	0	31	9	0
September	SE	SE	6	9	5.3	4.2	5.1	3.7	0	1	16	10	3	0	9	10	10	1	0	0	30	0	0	30	7	0
October	E/N	SE	8	10	5.2	4.0	4.9	3.5	0	4	11	14	2	0	13	7	8	3	0	0	31	0	0	31	11	2
November	E	E-S	2	7	4.8	4.9	4.8	4.5	0	3	17	8	2	0	5	8	15	2	0	0	30	0	0	30	14	1
December	E	E	5	7	3.9	4.4	3.2	3.3	0	9	16	5	1	0	3	21	3	4	0	0	31	0	0	31	16	4
Year	SW	SE	5	8	4.9	4.7	3.8	3.4	0	62	136	87	81	0	80	134	77	75	0	0	366	0	1	365	119	43

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

SUMMARY OF METEOROLOGICAL OBSERVATIONS TAKEN AT WETE, PEMBA IN 1952.

Latitude 5° 04'S Longitude 39° 43'E Altitude 60 feet. Standard Time = G.M.T. + 3 hours.

Month	Atmospheric Pressure (1)		Temperature				Extremes of Temperature								Relative Humidity		Rainfall		
			Dry Bulb		Dew Point														
	0830	1430	0830	1430	0830	1430	Max.	Date	Min.	Date	Mean Max.	Mean Min.	Max. + Min. / 2	Mean Range	0830	1430	Total	Max. Fall in 24 hrs.	Date
	mb.	mb.	°F	°F	°F	°F	°F		°F		°F	°F	°F	°F	%	%	ins.	ins.	
January	-	-	82.8	-	75.6	-	90.0	28	67.0	1	86.8	70.4	78.6	16.4	79	-	0.62	0.40	30
February	-	-	83.5	-	76.4	-	92.0	13,26	67.0	13	89.7	72.0	80.9	17.6	80	-	0.46	0.43	16
March	-	-	84.1	-	77.5	-	93.0	20	70.0	1,2,6	90.4	74.9	82.7	15.5	81	-	6.86	2.22	5
April	-	-	82.4	-	76.7	-	90.8	14	73.3	17	87.4	76.1	81.7	11.3	83	-	5.39	1.25	9
May	-	-	80.0	-	75.9	-	88.2	11	70.8	19	85.8	73.7	79.7	12.0	88	-	9.50	3.90	16
June	-	-	77.4	-	72.7	-	87.5	9	67.0	18	83.1	70.6	76.9	12.5	86	-	8.05	0.96	24
July	-	-	75.9	-	71.0	-	85.2	27	66.0	19	82.7	68.3	75.5	14.4	85	-	0.64	0.18	10
August	-	-	75.7	-	70.8	-	85.2	15	60.0	16	83.4	65.4	74.4	18.0	85	-	1.31	0.34	9
September	-	-	78.8	-	72.5	-	87.4	18	64.7	10	84.1	69.1	76.6	15.1	81	-	2.75	1.07	5
October	-	-	80.5	-	72.7	-	87.2	15	68.0	Often	84.8	69.4	77.1	15.5	77	-	5.53	2.85	28
November	-	-	82.4	-	74.6	-	88.7	12	70.0	4,29,30	86.4	72.1	79.3	14.3	78	-	9.57	2.75	17
December	-	-	82.8	-	76.3	-	88.9	1	70.0	1	87.7	74.8	81.3	13.0	81	-	3.88	1.20	31
Year	-	-	80.5	-	74.4	-	93.0	March 20	60.0	Aug. 16	86.0	71.4	78.7	14.6	82	-	54.56	3.90	May 16

Month	Prevailing Wind Direction (2)		Mean Wind Speed		Cloud Amount (eighths) and Frequency of Total Cloud.															Frequency of Visibility (3)						No. of days of	
					Total		Low		0830					1430						0830			1430				
	0830	1430	0830	1430	0830	1430	0830	1430	0	1-2	3-5	6-7	8	0	1-2	3-5	6-7	8		Fog	Mist or Haze	Good	Fog	Mist or Haze	Good	Rain (4)	Thunder
			knots	knots																							
January	NE	-	7	-	4.8	-	2.6	-	0	0	20	11	0	-	-	-	-	-		0	0	31	-	-	-	4	0
February	NE	-	6	-	4.6	-	2.7	-	0	4	17	8	0	-	-	-	-	-		0	0	29	-	-	-	2	0
March	NE	-	7	-	3.8	-	2.4	-	0	4	23	3	1	-	-	-	-	-		0	1	30	-	-	-	8	0
April	NE/SW	-	4	-	5.4	-	3.7	-	0	0	14	16	0	-	-	-	-	-		0	11	19	-	-	-	13	0
May	SW	-	2	-	5.5	-	3.7	-	0	0	15	12	4	-	-	-	-	-		0	6	25	-	-	-	14	0
June	SW	-	2	-	5.0	-	3.4	-	0	1	15	9	5	-	-	-	-	-		0	5	25	-	-	-	20	0
July	SW	-	2	-	4.4	-	2.5	-	0	6	14	10	1	-	-	-	-	-		0	8	23	-	-	-	8	0
August	SW	-	1	-	3.8	-	2.5	-	0	5	20	4	2	-	-	-	-	-		0	7	24	-	-	-	9	0
September	SW	-	2	-	5.2	-	2.3	-	0	0	17	12	1	-	-	-	-	-		0	0	30	-	-	-	9	0
October	SW	-	2	-	4.6	-	2.4	-	0	0	23	7	1	-	-	-	-	-		0	8	23	-	-	-	12	0
November	SW	-	1	-	5.0	-	2.4	-	0	0	22	7	1	-	-	-	-	-		0	9	21	-	-	-	11	0
December	NE	-	2	-	4.8	-	2.3	-	0	0	22	9	0	-	-	-	-	-		0	6	25	-	-	-	9	0
Year	SW	-	3	-	4.7	-	2.7	-	0	20	222	108	16	-	-	-	-	-		0	61	305	-	-	-	119	0

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