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1952-1953

British Caribbean Meteorological Service

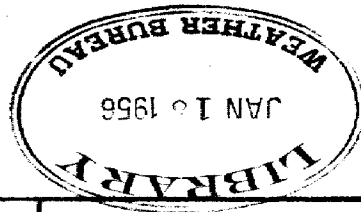
(Trinidad Division)

SUMMARY OF METEOROLOGICAL OBSERVATIONS - 1952

Imperial College of Tropical Agriculture, 10°38'N; 61°24'W; 52 feet above M.S.L.

(Standard Time = G.M.T. - 4 hours)

Month	Air Temperature (°F)						Relative Humidity %		Rainfall (ins.)		Bright Sunshine (Hrs.)	
	Means			Extremes								
	8h.	16h.	Max.	Min.	Mean	Max.	Min.	Total fall	Max. in a day			
January	76.0	82.7	86.0	68.2	77.1	89	63	85	64	0.98	0.27	265.3
February	76.5	83.8	86.8	67.4	77.1	89	63	80	59	1.34	1.04	267.1
March	79.0	84.6	88.2	69.6	78.9	91	64	75	57	1.07	0.51	273.3
April	81.2	85.7	90.1	71.9	81.0	92	66	74	61	2.26	1.00	336.3
May	82.5	85.9	89.4	72.4	80.9	92	69	75	62	2.87	1.03	265.3
June	80.2	82.7	86.7	72.9	79.8	90	69	83	72	7.96	0.92	207.3
July	79.3	82.9	86.6	71.8	79.2	89	70	86	76	9.59	1.13	221.6
August	80.4	82.3	87.3	71.8	79.5	90	70	86	77	9.89	1.51	212.1
September	81.6	83.6	88.6	72.2	80.4	90	69	83	74	4.96	1.14	220.6
October	80.8	82.7	88.6	72.2	80.4	92	69	85	77	3.10	0.82	196.5
November	79.3	82.9	87.6	70.6	79.1	90	67	86	75	4.46	1.21	235.0
December	77.0	81.9	85.3	69.8	77.5	88	66	86	73	6.38	1.89	200.0
Year	79.5	83.5	87.6	70.9	79.2	92	63	82	69	54.86	1.89	2900.4



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British Caribbean Meteorological Service
Summary of Meteorological Observations
- Trinidad Division - 1952

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METEOROLOGICAL NOTES, 1952

Although over Trinidad as a whole the rainfall in 1952 was considerably below average, this was not uniformly the case at all stations. At one extreme, St. Clair with 84.32 inches, received a little more than its 90-year average of 63.95 inches ; while Toco, on the other hand, received only 45.15 inches, or less than 62 per cent. of its average of 73.03 inches. The patchiness of the rainfall is well brought out by the fact that at Biche nearly 5 inches more were recorded than at the Hollis Reservoir, although the annual average at Biche is lower by almost 21 inches.

The lowness of the 1952 rainfall was mainly due to the much below-average falls in November, January and May, in that order.

The Tobago rainfall fell short of the average by about 25 per cent.

The following is the mean rainfall and the average mean rainfall over the various counties of Trinidad and over Tobago :—

	1952 ins.	Average* ins.		1952 ins.	Average* ins.		1952 ins.	Average* ins.
St. George	...	65.9	Nariva	...	87.9	Victoria	...	67.2
St. David	...	52.7	Mayaro	...	63.2	St. Patrick	...	61.7
St. Andrew	...	85.6	Caroni	...	57.9	Tobago	...	84.1

* 1940-1949

Rainfall data supplied by the Director of Works and Hydraulics

BRITISH CARIBBEAN METEOROLOGICAL SERVICE

(TRINIDAD DIVISION)

SUMMARY OF METEOROLOGICAL OBSERVATIONS, 1952

METEOROLOGICAL STATION, PLACCO AIRPORT. 10° 37' N ; 61° 21' W ; Ht=36 ft.

(STANDARD TIME = G.M.T. -4 hrs.)

MONTH	AIR TEMPERATURE (°F)								RELATIVE HUMIDITY			RAINFALL (Inch.)				Bright Sun- shine (Hrs.)	Mean Wind Speed (Knots)		
	MEANS								EXTREMES			Total Fall	Per-centage of Average	Max. in a day	No. of days				
	8h.	14h.	20h.	Max.	Min.	Mean	Max.	Min.											
JANUARY	...	...	74.1	85.7	74.3	87.5	67.6	77.5	89	63	89	58	88	0.65	17	0.24	12	251.6	4.4
FEBRUARY	...	...	74.6	86.8	74.5	88.5	68.1	78.3	90	64	87	55	86	0.76	23	0.33	7	266.9	6.6
MARCH	...	...	76.7	87.5	76.1	90.0	69.6	79.8	92	63	83	52	84	0.72	51	0.19	9	264.2	7.3
APRIL	...	...	80.0	88.6	77.9	91.1	72.7	81.9	94	67	81	54	84	3.45	205	1.89	11	260.4	8.1
MAY	...	...	81.2	88.4	78.7	90.7	73.5	82.1	94	70	82	59	86	2.59	40	1.17	15	246.6	6.6
JUNE	...	...	79.0	84.5	77.2	87.6	73.6	80.6	91	69	88	71	90	12.58	92	2.03	24	187.4	6.3
JULY	...	...	78.3	83.8	77.2	87.5	72.5	80.0	91	70	89	73	92	8.35	84	0.95	26	216.4	4.7
AUGUST	...	...	78.8	84.3	77.3	88.6	72.4	80.5	92	70	89	74	92	9.14	79	1.33	26	206.8	3.9
SEPTEMBER	...	...	79.4	84.7	77.8	89.8	72.6	81.2	92	70	87	73	91	5.23	78	1.36	17	212.3	3.9
OCTOBER	...	...	79.4	86.1	77.5	89.3	72.9	81.1	92	70	89	71	93	5.47	98	1.27	21	185.9	4.9
NOVEMBER	...	...	78.5	85.3	76.2	88.8	71.0	79.9	91	67	88	71	94	2.76	38	0.80	22	222.7	3.4
DECEMBER	...	...	75.6	84.3	75.1	86.8	69.4	78.1	90	65	90	69	93	5.54	79	1.54	17	200.0	3.7
YEAR	...	...	78.0	85.8	76.7	88.8	71.3	80.1	94	63	87	65	89	57.24	73	2.03	207	2721.2	5.3

MEAN PRESSURE AT M.S.L. = 1013 mb. (29.90 ins.)

AVERAGE ANNUAL RAINFALL (6 years) = 78.35 ins.

BRITISH CARIBBEAN METEOROLOGICAL SERVICE

(TRINIDAD DIVISION)

SUMMARY OF METEOROLOGICAL OBSERVATIONS, 1952

AGRICULTURAL DEPARTMENT, ST. CLAIR. 10° 40' N ; 61° 31' W. Ht. = 67 ft.

(STANDARD TIME : G.M.T.—4 hrs.)

MONTH	AIR TEMPERATURE (°F)						RELATIVE HUMIDITY		RAINFALL (Ins.)			
	MEANS						EXTREMES		Total Fall	Per- centage of Average	Max. in a day	No. of days
	8h.	15h.	Max.	Min.	Mean	Max.	Min.					
								8h.				
JANUARY	...	...	...	...	...	...	...	...	...	...	...	...
FEBRUARY	...	...	...	...	...	...	...	...	...	...	...	...
MARCH	...	...	...	...	...	...	...	...	...	...	...	...
APRIL ...	...	...	...	...	...	...	...	...	...	...	...	...
MAY ...	...	...	...	...	...	...	...	...	...	...	...	...
JUNE ...	...	...	...	...	...	...	...	...	...	...	...	...
JULY ...	...	...	...	...	...	...	...	...	...	...	...	...
AUGUST	...	...	...	...	...	...	...	...	...	...	...	...
SEPTEMBER	...	...	...	...	...	...	...	...	...	...	...	...
OCTOBER	...	...	...	...	...	...	...	...	...	...	...	...
NOVEMBER	...	...	...	...	...	...	...	...	...	...	...	...
DECEMBER	...	...	...	...	...	...	...	...	...	...	...	...
YEAR ...	...	...	...	...	...	...	...	...	...	...	...	...

AVERAGE ANNUAL RAINFALL (90 YEARS) = 63.95 ins.

Data supplied by the Director of Agriculture, Trinidad and Tobago.

British Caribbean Meteorological Service(Trinidad Division)SUMMARY OF METEOROLOGICAL OBSERVATIONS - 1953Imperial College of Tropical Agriculture, 10°38'N; 61°24'W; 52 feet above M.S.L.

(Standard Time = G.M.T. - 4 hours)

Month	Air Temperature (°F)						Relative Humidity %	Rainfall (ins.)		Bright Sunshine (Hrs.)		
	Means			Extremes				Total fall	Max. in a day			
	8h.	16h.	Max.	Min.	Mean	Max.	Min.					
	8h.	16h.	Max.	Min.	Mean	Max.	Min.					
January	76.7	81.1	84.7	70.2	77.5	89	65	72	2.80	0.66	211.4	
February	76.5	81.2	84.6	68.6	76.6	87	65	67	1.88	0.31	205.3	
March	78.4	82.2	86.1	69.5	77.8	89	65	67	0.69	0.16	213.0	
April	81.5	85.3	89.6	70.5	80.1	91	65	60	0.68	0.57	283.9	
May	80.7	83.7	86.8	72.9	79.9	89	69	70	8.34	1.99	186.6	
June	79.9	82.9	86.4	72.1	79.3	89	68	74	8.64	2.97	216.6	
July	79.4	82.9	86.8	71.9	79.3	90	69	76	10.70	2.90	196.5	
August	79.2	83.2	87.1	71.8	79.5	90	69	74	8.99	1.08	211.3	
September	80.5	82.1	87.1	72.6	79.9	90	70	80	10.31	2.16	153.5	
October	80.5	83.2	87.6	71.4	79.5	92	66	75	3.80	0.71	213.1	
November	80.1	81.8	86.7	71.8	79.7	89	68	81	7.15	2.23	202.4	
December	77.3	81.6	85.6	70.6	78.1	90	66	75	4.54	1.24	203.0	
Year	79.2	82.6	86.6	71.2	78.9	92	65	83	73	68.52	2.97	2496.6

METEOROLOGICAL NOTES, 1953

The rainfall over Trinidad and Tobago as a whole was approximately the same in 1953 as the average, and individual totals showed rather less variation from their averages than in 1952.

After a wet May, June which is normally a wet month had a rainfall of less than 70 per cent. of its average, but July and August were generally wetter than average. In Tobago, October was a particularly wet month, with rainfall nearly 70 per cent. above average.

The following is the mean rainfall and the average mean rainfall over the various counties of Trinidad and over Tobago:—

	1953 ins.	Average * ins.	Nariva ...	...	1953 ins.	Average * ins.	Victoria ...	...	1953 ins.	Average * ins.
St. George ...	78.0	69.0	Nariva ...	...	103.8	97.2	Victoria ...	...	72.2	67.2
St. David ...	83.1	76.4	Mayaro ...	...	83.0	78.5	St. Patrick ...	...	70.3	61.7
St. Andrew ...	119.0	109.0	Caroni ...	...	68.8	68.1	Tobago ...	...	88.7	84.1

* 1940-1949

Rainfall data supplied by the Director of Works and Hydraulics

BRITISH CARIBBEAN METEOROLOGICAL SERVICE

(TRINIDAD DIVISION)

SUMMARY OF METEOROLOGICAL OBSERVATIONS, 1953

METEOROLOGICAL STATION, Piarco Airport. 10° 37' N; 61° 21' W; Ht. = 36 ft.

(STANDARD TIME = G.M.T. - 4 hrs.)

MONTH	AIR TEMPERATURE (°F)								RELATIVE HUMIDITY			RAINFALL (Ins.)				Bright Sun- shine (Hrs.)	Mean Wind Speed (Knots)
	MEANS							EXTREMES		%	Total Fall	Per-centage of Average	Max. in a day	No. of days			
	8h.	14h.	20h.	Max.	Min.	Mean	Max.	Min.									
	8h.	14h.	20h.	Max.	Min.	Mean	Max.	Min.	8h.	14h.	20h.						
JANUARY	74.8	83.5	74.5	86.3	69.7	78.0	89	63	89	68	90	3.21	95	0.65	23	214.9	6.5
FEBRUARY	74.8	83.7	74.0	86.6	68.3	77.5	88	61	87	64	87	1.84	64	0.33	18	210.4	6.6
MARCH	76.4	84.2	75.1	87.6	69.5	78.5	91	65	84	64	86	1.12	85	0.18	15	222.6	6.6
APRIL	80.3	89.1	77.4	90.7	71.1	80.9	93	66	78	52	85	0.97	50	0.47	7	277.0	6.9
MAY	79.4	85.5	77.5	87.6	73.9	80.7	90	70	87	68	89	8.54	144	1.52	22	186.5	6.3
JUNE	79.2	84.8	77.3	87.8	73.1	80.4	94	70	88	71	91	8.42	62	3.31	25	201.2	5.2
JULY	78.4	84.7	77.1	88.0	72.5	80.3	91	71	89	73	91	11.39	117	1.46	25	203.3	4.9
AUGUST	78.7	85.4	77.0	88.6	72.6	80.6	91	71	90	72	92	8.78	79	1.58	24	211.6	4.4
SEPTEMBER	79.1	85.3	77.4	87.9	73.0	80.5	92	70	89	72	92	6.03	98	1.96	21	163.4	3.9
OCTOBER	78.9	85.0	76.8	88.7	71.8	80.3	93	67	88	71	93	6.37	114	1.67	20	200.2	3.5
NOVEMBER	78.7	84.7	76.4	88.1	72.3	80.2	91	70	89	73	94	5.84	89	1.07	23	181.2	3.0
DECEMBER	76.0	82.7	74.9	86.8	70.5	78.7	89	66	92	74	93	6.02	88	1.11	23	196.0	4.2
YEAR	77.9	87.2	76.3	87.9	71.5	79.7	94	61	87	69	90	68.53	91	3.31	246	2468.3	5.2

MEAN PRESSURE AT M.S.L. = 1013 mb. (29.90 ins.)

AVERAGE ANNUAL RAINFALL (7 years) = 75.34 ins.

BRITISH CARIBBEAN METEOROLOGICAL SERVICE

(TRINIDAD DIVISION)

SUMMARY OF METEOROLOGICAL OBSERVATIONS, 1953

AGRICULTURAL DEPARTMENT, ST. CLAIR. 10° 40' N; 61° 31' W. Ht. = 67 ft.

(STANDARD TIME: G.M.T.—4 hrs.)

MONTH	AIR TEMPERATURE (°F)							RELATIVE HUMIDITY		RAINFALL (Ins.)			
	MEANS							EXTREMES		Total Fall	Per- centage of Average	Max. in a day	No. of days
	8h.	15h.	Max.	Min.	Mean	Max.	Min.						
								8h.	15h.				
JANUARY ...	77.1	83.3	94.7	71.0	77.9	89	68	83	72	2.54	95	0.69	19
FEBRUARY ...	76.6	83.3	84.7	69.8	77.3	88	63	82	66	1.41	90	0.32	15
MARCH ...	79.0	84.0	85.4	71.5	78.5	90	69	77	65	1.18	66	0.32	11
APRIL ...	80.9	87.6	89.0	70.2	79.6	92	66	73	58	1.25	61	0.46	5
MAY ...	80.6	85.6	87.0	70.3	78.7	92	71	79	72	5.63	154	2.50	14
JUNE ...	80.8	85.2	86.5	72.4	79.5	90	69	83	81	4.75	63	1.18	17
JULY ...	79.8	84.7	86.0	72.5	79.3	90	71	85	75	8.46	98	2.31	20
AUGUST ...	80.1	84.1	86.0	72.1	79.1	91	69	87	76	8.40	86	1.35	16
SEPTEMBER ...	81.2	85.8	88.4	73.2	80.8	93	73	87	77	9.74	130	1.67	16
OCTOBER ...	81.2	84.0	89.2	73.2	81.2	93	71	83	77	6.11	92	1.86	12
NOVEMBER ...	79.9	83.6	88.4	72.2	80.3	91	68	87	75	7.72	108	2.49	15
DECEMBER ...	78.9	84.4	87.6	71.4	79.5	90	67	88	74	4.65	95	1.34	15
YEAR ...	79.7	84.6	86.9	71.7	79.3	93	63	83	72	61.84	97	2.50	175

AVERAGE ANNUAL RAINFALL (90 YEARS) = 63.95 ins.

Data supplied by the Director of Agriculture, Trinidad and Tobago.