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JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

JANUARY, 1932.

The Bar. pressures at all the Stations, except the Hill Gardens, are reduced to the standards of Kew, 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screens; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small four-cup instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus: the Middle clouds cumulus and the Upper clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

Stations.	Elevation.	Bar. Pressure.		Temperature.				Extreme Temperature.					
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft	ins.	ins.	°	°	°	°	°	°		°		°
Morant Point Light House	8	30.011	29.983	78.0	80.4	81.3	75.2	6.1	83.5	1*	70.8	11	12.7
Kingston ..	24	29.978	29.923	69.1	84.8	86.2	67.9	18.3	90.2	31	64.3	12	25.9
Negril Point Light House	33	29.999	29.949	71.2	83.6	86.1	68.8	17.3	89.1	13	63.5	26	25.6
Castleton Gardens ..	496	..	..	66.9	78.1	82.9	66.2	16.7	85.0	30	59.0	12	26.0
Hope Gardens† ..	668	30.043	29.956	66.7	82.8	84.6	65.5	19.1	87.0	2*	63.0	6*	24.0
Boon Hall ..	970	29.979	29.933	63.6	80.4	82.8	61.0	21.8	88.0	12	55.5	12	32.5
Hill Gardens ..	4,900	25.242	25.232	61.1	62.8	66.4	54.7	11.7	68.0	15*	54.0	6*	14.0

Stations.	Elevation.	Dewpoint and Humidity.				Rainfall.	Wind per diem	Wind direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.				7 a.m.		3 p.m.		7 a.m.			3 p.m.		
	ft.	°	%	°	%	ins.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	71	77	70	73	2.87	352	NE	18.0	ENE	17.0	2.3	2.0	0.6	0.5	2.1	1.1
Kingston	24	64	85	68	58	0.41	150	NNE	5.3	SE	9.8	1.1	0.5	1.4	1.3	3.6	0.6
Negril Point Light House	33	65	83	69	62	1.81	226	NE	9.5	Var.	11.7	0.8	0.9	2.2	1.4	4.4	0.1
Castleton Gardens	496	65	95	73	85	7.41	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	62	83	68	60	0.80	..	..	..	..	..	..	..	..	..	..	..
Boon Hall ..	970	60	91	66	64	1.58	..	NE	3.4	WNW	8.3	..	..	..	..	..	..
Hill Gardens	4,900	58	91	61	91	4.54	..	..	..	..	..	..	..	..	..	..	..

*And on other days. †Hope Gardens Bar. read at 9 a.m. and 3 p.m.

National Oceanic and Atmospheric Administration

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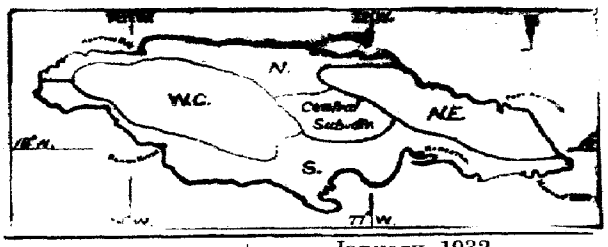
March 28, 2002

THE RAINFALL.

THE first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1919." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-divisions; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North-Eastern and West-Central Divisions are the remaining parts of the Island bounded by the sea and the other Divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition, and of page 20 of 1923 Edition, an outline of which is given below.



STATIONS.	January, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
NORTH-EASTERN DIVISION. (N.E.)	Ins.	Ins.			Ins.
Manchioneal ..	2.92	1.00	17	10	5.61
Priestman's River	3.17	0.70	21	12	5.66
Bath ..	4.81	1.26	17	23	6.12
Barrett's Gap ..	8.58	1.87	17	24	..
Millbank ..	16.35	2.85	17	18	..
Moore Town ..	11.52	2.00	17	20	16.89
Port Antonio ..	4.08	0.87	18	12	8.71
Passley Garden ..	3.43	0.85	17	16	..
Fellowship ..	6.79	1.80	17	17	12.54
Johnson River Br.	2.92	1.80	17	5	3.30
Trinity Ville ..	1.00	1.00	17	1	..
Shrewsbury ..	12.77	2.45	18	27	15.95
Hope Bay ..	5.23	1.61	18	24	..
Cedar Valley ..	2.44	1.00	17	5	3.65
Moy Hall ..	3.23	0.95	17	9	3.65
Paradise ..	11.04	2.15	18	21	..
Lennox ..	6.42	1.45	18	14	..
Greenvale ..	18.16	2.60	22	18	20.33
Spring Garden ..	5.03	2.00	18	21	8.92
Hill Gardens ..	4.54	2.00	17	6	7.10
Buff Bay ..	5.82	1.92	18	14	9.33
Orange Vale ..	15.00	3.00	17	20	..
Belvedere, Portland	7.45	1.91	18	10	12.41
Windsor Castle, do.	7.49	2.05	17	15	6.37
Balcarres ..	6.96	0.90	23	16	..
Mt. Holstein ..	11.67	3.66	21	23	16.06
Cedar Hurst ..	5.84	2.04	21	15	..
Hardware Gap ..	5.08	1.15	14	12	5.70
Rose Hill ..	2.68	1.08	14	7	4.11
Hermitage ..	1.44	0.28	1	10	..
Mount James ..	9.10	2.40	21	9	..
Stony Hill Ind. Sch.	1.00	0.38	17	6	2.96
Boon Hall ..	1.58	0.44	14	10	..
Brandon Hill ..	6.05	1.50	21	12	..

STATIONS.	January, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
NORTH-EASTERN DIVISION, *contd.*	Ins.	Ins.			Ins
Iter Boreale ..	11.51	3.65	17	15	..
Enfield ..	17.25	3.50	17	19	..
Agualta Vale ..	5.58	2.00	17	20	7.44
Cgstleton Gardens	7.41	1.56	21	20	9.29
Water Valley ..	5.03	2.75	17	12	7.96
Albany ..	6.27	2.75	17	14	4.63
Lawrence Tavern ..	1.52	0.40	14	6	2.69
Richmond, St. Mary	5.80	2.03	17	14	7.20
Quebec, St. Mary	5.58	1.28	25	13	6.36
Zion Hill ..	2.00	0.80	4	4	3.83
Glengoffe ..	3.07	0.85	4	5	..
Carew Castle ..	1.16	0.56	16	3	2.72
Hampstead, St. Mary	7.13	2.50	17	24	10.18
Windsor Castle do.	4.83	1.50	17	10	..
Troja ..	2.79	0.60	15	8	..
Pear Tree Grove ..	4.27	1.50	17	10	..
Guy's Hill ..	6.21	1.30	17	13	6.24
Lucky Hill ..	5.62	1.21	17	18	7.45
Rio Hoe ..	3.70	0.90	14	10	5.76
Unity Valley ..	4.37	0.96	14	11	4.93
Moneague ..	3.40	0.93	17	13	4.84
Claremont ..	3.49	1.06	17	6	5.01
Averham Park ..	4.91	2.81	14	13	7.06
Albion ..	3.16	0.65	15	14	5.37
NORTHERN DIVISION (N).					
Port Maria ..	6.48	2.00	17	14	5.85
Wentworth ..	5.58	2.10	17	16	..
Eden Park ..	6.04	2.80	17	8	..
Oracabessa ..	8.99	5.40	17	7	..
Huddersfield ..	6.95	4.84	17	3	..
Ocho Rios ..	3.99	1.28	18	11	4.73
Bogue, Ocho Rios ..	4.52	0.70	25	16	5.68
Drax Hall ..	3.86	2.39	17	9	6.03
Rockfield ..	4.48	1.33	17	12	7.67
Liberty Hill ..	1.82	0.50	17	9	6.53
St. Ann's Bay ..	3.16	1.50	17	13	5.22
Seville ..	3.76	1.80	17	6	5.76
Richmond Estate ..	3.36	1.64	17	9	5.82
Llandovery ..	5.20	3.00	17	9	5.99
Runaway Bay ..	1.58	1.49	18	4	2.85
Knapdale ..	4.60	0.95	14	13	..
Alexandria ..	1.46	0.54	14	4	2.79
Bel-Air ..	2.15	0.60	15	7	..
Brown's Town ..	3.21	0.78	14	18	6.01
Watt Town, St. Ann	0.49	0.20	25	4	2.82
Home Castle ..	2.15	0.45	14	6	5.52
Richmond Pen ..	0.60	0.25	14	3	3.34
Bryan Castle ..	1.45	0.30	16	5	4.77
Braco ..	1.00	0.30	16	5	4.15
Arcadia ..	2.00	0.33	14	14	4.76
Vale Royal ..	1.65	0.35	14	10	5.03
Harmony Hall ..	0.95	0.34	15	6	4.02
Colchis Pen ..	..	..	..	..	3.08
Duncans ..	1.24	0.60	15	6	..
Clark's Town ..	1.24	0.72	17	4	..
Carey Park ..	1.08	0.30	17	6	..
Falmouth ..	1.16	0.41	17	5	3.32
Canaan ..	1.62	0.40	15	7	3.36

Stations.	January, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	Ins.	Ins.			Ins.
Northern Division, *contd.*					
Grange	0.85	0.60	15	2	..
Adelphi	0.85	0.25	16	5	..
Success	1.13	0.55	16	4	2.12
Rose Hall	1.47	0.80	16	5	3.42
Cinnamon Hill	1.36	0.47	16	5	3.49
Tryall	1.60	0.50	22	7	2.12
Running Gut	1.68	0.77	16	5	3.54
Spring Estate	2.00	0.60	22	7	3.83
Friendship	1.42	0.21	11	11	3.74
Retirement	0.81	0.32	1	8	3.51
Montego Bay	0.60	0.24	1	7	2.88
Anchovy	0.42	0.13	11	5	2.85
Bamboo-Hanover	0.77	0.33	1	5	..
Blue Hole	1.32	0.84	11	5	3.15
Kew	2.65	2.00	1	2	2.44
Lucea	3.82	2.24	1	8	3.13
Haughton Court	2.20	1.20	11	2	2.58
Cousins Cove	..	..	..	..	..
Green Island	2.30	1.65	1	6	2.38
Haughton Hall	1.56	0.52	1	8	..
Central Sub-Division.					
Knollis	2.71	1.80	17	2	..
Highgate	1.98	1.20	23	7	..
Rio Magno	2.57	0.80	21	9	..
Riversdale	1.47	0.50	14	5	..
Headworks, R.C.C.	0.31	0.31	17	1	1.62
Bog Walk	3.80	1.80	17	4	..
Linstead	1.73	0.78	2	10	2.30
Ewarton	0.42	0.15	22	6	..
Cave Valley	0.00	..	..	0	2.21
Guanaboa Vale	1.17	0.53	19	4	..
Point Hill	1.86	1.50	17	4	3.41
Brown's Hall	0.85	0.50	17	2	..
Bellas Gate	1.01	0.78	17	2	1.66
Rock River	1.22	0.76	17	5	..
Crofts Hill	0.82	0.40	16	4	2.06
Far Enough	1.15	0.55	23	6	..
Suttons	0.99	0.65	17	3	..
Colonel's Ridge	0.25	0.25	23	1	..
Chapelton	0.68	0.35	17	3	2.09
Crooked River	1.61	0.70	2	6	..
James Hill	0.47	0.14	1	8	..
Frankfield	2.16	1.45	17	6	1.45
West-Central Division (W.C.)					
Mocho, Clarendon	0.72	0.72	29	1	2.00
Clarendon Park	0.58	0.21	17	5	..
Borobridge	0.63	0.43	23	3	..
Spaldings	1.16	0.34	17	9	2.70
Williamsfield	1.12	0.80	17	5	..
Brokenhurst	1.40	0.38	29	5	3.08
Shooters Hill	0.75	0.56	1	4	2.05
Lowe River	0.46	0.26	14	3	3.60
Christiana	0.82	0.47	17	7	2.37
Clifton Hill	1.57	1.27	17	2	2.10
Kendal, Manchester	0.45	0.26	17	3	2.24
Mereworth	2.79	1.50	18	5	..
Mandeville	1.79	1.08	17	5	3.03
Ulster Spring	0.77	0.22	14	8	3.42

Stations	January, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	Ins.	Ins.			Ins.
West-Central Division, *contd.*					
Marshall's Pen	1.50	0.98	17	2	2.84
Greenvale	0.29	0.25	17	2	..
Albert Town	0.36	0.16	14	5	2.81
Craig Head	0.05	0.05	14	1	..
Warsop	0.31	0.12	14	5	..
Troy	0.19	0.19	21	1	2.02
Wallingford	1.57	0.90	23	4	1.80
Balaclava	0.93	0.43	23	3	1.81
Wakefield	0.75	0.50	15	2	..
Maggotty	0.94	0.67	23	2	2.90
Lacovia	0.89	0.41	23	5	..
Ipswich	5.78	2.53	24	3	..
Kempshot	1.17	0.25	29	6	3.76
Garlands	1.19	0.89	2	4	..
Mocho, St. James	2.70	1.30	2	4	..
Bandon Pen	1.19	0.74	2	4	..
Catadupa	0.74	0.57	17	3	2.36
Cambridge, St. Jas.	1.69	0.83	1	6	2.33
New Market	2.11	1.79	23	4	2.47
Kew Park	1.25	0.72	2	4	2.28
Montpelier	0.00	..	..	0	1.61
The Bog	3.54	1.56	1	7	2.73
Bethel Town Dist.	2.94	1.09	2	7	3.41
Burnt Ground	1.75	0.74	2	4	2.58
Haughton Grove	2.52	1.12	2	4	3.04
Darliston	3.77	2.01	17	5	2.93
Bluefields	2.98	1.23	23	4	2.81
Whithorn	3.08	1.80	17	5	2.38
Water Works Pen	3.19	2.15	17	5	2.03
Askenish	0.55	0.50	1	4	3.48
Grange Hill	3.33	0.87	18	8	2.55
King's Vale	1.59	1.08	1	4	3.05
Southern Division (S.)					
Morant Point L.H.	2.87	1.33	17	13	4.16
Golden Grove	..	..	..	..	..
Pleasant Hill	4.29	1.65	17	10	4.83
Bowden	3.54	2.10	17	11	..
East Prospect	4.68	3.33	17	11	3.99
Morant Bay	3.63	2.77	17	9	2.84
Aeolus Valley	3.75	2.75	17	4	..
Yallahs	1.44	1.44	17	1	..
Easington	1.99	1.50	17	5	1.60
Mavis Bank	1.07	0.57	18	2	..
Bull Bay	0.36	0.36	18	1	0.73
Bellevue	..	..	..	..	..
Dallas Castle	0.94	0.53	21	5	..
Gordon Town	0.71	0.48	17	3	3.20
Irish Town	1.42	1.20	17	2	2.22
Hope Gardens	0.80	0.46	17	5	1.79
Waireka	..	..	..	..	..
Ivor	0.56	0.37	17	4	..
Barbican	0.55	0.39	17	3	..
Plumb Point L. H.	0.61	0.34	17	3	0.74
King's House Gar.	0.65	0.40	17	3	1.35
Upper Kingston	0.53	0.37	17	6	0.55
Kingston P.W.O.	0.41	0.29	17	4	0.87
Halfway Tree	0.55	0.30	17	3	0.97
Clifton Pen	0.46	0.35	18	2	0.71
Red Hills	0.33	0.33	17	1	..

Stations.	January, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
Southern Division, *contd.*	Ins.	Ins.			Ins.
Quarantine Station ..	0.48	0.25	17	3	0.65
Hematine ..	1.06	0.83	20	2	1.12
Spanish Town ..	0.80	0.65	20	2	1.32
The Stewartry ..	0.14	0.12	17	2	..
Hog Hole, St. Cath.	0.20	0.16	17	2	1.54
Hartlands ..	..	..	..	..	1.45
Old Harbour ..	0.73	0.55	16	3	2.03
May Pen ..	0.22	0.13	29	3	1.36
Glen Muir ..	0.00	..	..	0	..
Cottage ..	0.75	0.26	20	6	..
Belle Plain ..	0.10	0.08	19	2	..
Milk River ..	2.05	1.80	22	3	1.75
Retrieve ..	1.01	0.80	1	2	1.21
Hog Hole, S. Man. ..	2.14	1.67	1	3	1.83
Stone's Hope ..	1.97	1.65	1	4	2.42
Newport, Man. ..	1.49	0.95	1	8	2.56

Stations.	January, 1932. Total Fall.	Greatest fall in 24 hours. Amount	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
Southern Division, *contd.*	Ins.	Ins.			Ins.
Great Valley, Man.	0.78	0.25	16	4	2.09
Alligator Pond ..	0.43	0.38	16	2	1.39
Fairfield ..	1.20	0.85	17	6	2.38
Lititz ..	0.00	..	..	0	1.37
Myersville ..	0.26	0.12	20	3	..
Gilnock ..	1.36	0.82	24	2	..
Southfield, St. Eliz.	0.26	0.11	25	4	2.02
Windsor, St. Eliz. ..	0.94	0.62	20	6	..
Torrington ..	0.45	0.45	20	1	2.26
Santa Cruz ..	2.73	1.35	24	3	2.51
Pedro Plains ..	1.65	1.07	20	5	1.60
Mountainside ..	0.00	..	..	0	1.64
Fort Charles ..	0.31	..	..	2	..
Black River ..	0.75	0.50	17	3	1.62
Font Hill ..	2.90	1.25	22	4	1.76
Mount Edgecombe ..	2.04	1.20	17	9	2.07
Sweet River ..	1.66	1.16	17	4	1.92
Sav.-la-Mar ..	2.35	0.70	17	3	1.06
Little London ..	1.00	0.80	17	2	1.90
Retreat ..	2.62	1.50	1	3	1.82
Negril Point L.H. ..	1.81	0.94	1	8	1.73

Notes.

Comparative Table of Rainfall and Rainy Days.

Divisional and Island Rainfall.	January. Rainfall. 1932.	Rainfall. Ave.	Rainy Days. 1932.	Rainy Days. Ave.
	Ins.	Ins.		
North-Eastern ..	5.42	7.68	13	13
Northern ..	2.06	3.66	7	8
West-Central ..	1.59	2.80	4	6
Southern ..	1.40	1.84	4	6
The Island means ..	2.62	4.00	7	8

Shocks of Earthquake in January, 1932.

Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
..	..	..	None reported.

N.B. It is particularly requested to send all Rainfall Postcards in not later than the 5th of each month.

THE ISLAND—JANUARY.

The mean Rainfall for the month was much below the average in all the Divisions.

The heavest precipitation appears to have occurred during the third week, with marked preponderance on the 17th.

The mean number of rainy days was 7, the average being 8. The greatest number was 27 at Shrewsbury in the North-Eastern Division.

The greatest total fall for the month was 18.16 inches at Greenvale in the North-Eastern Division, and the heaviest fall in 24 hours was 5.40 inches at Oracabessa in the Northern Division on the 17th.

No rain fell at Cave Valley, Montpelier, Glen Muir, Lititz and Mountainside.

The mean rainfall in each parish is given below:—

	Inches.		Inches.
Kingston	0.62	St. James	1.22
St. Andrew	1.97	Hanover	2.00
St. Thomas	3.51	Westmoreland ..	2.41
Portland	8.36	St. Elizabeth	1.40
St. Mary	7.33	Manchester	1.20
St. Ann	3.17	Clarendon	0.82
Trelawny	0.97	St. Catherine ..	1.75

CITY OF KINGSTON.

The total rainfall for January was 0.41 inch, the 59-year normal being 0.87 inch. There were four rainy days, as against the 49-year average of 4.5. The upper boundary of Kingston gauged 0.53 inch, with six rainy days. The greatest fall in 24 hours was 0.29 inch on 17th. Distant rain to eastward on 20th.

The mean of the daily miles of wind registered was 150 as against the 20-year normal of 166, shewing a deficiency of about 10%. The maximum number of miles of wind in one day was 285 on 1st, and the minimum of 84 on 21st. South-easterly wind commenced early on one occasion, and continued until after 7 p.m. twice, and throughout the night of the 31st. There were "Northers" of short duration on 9th, 10th and 31st.

Mean barometric pressure 29.965 ins.; the 33-year normal being 29.974 ins. Highest barometer reading 30.042 ins. on 31st at 7 a.m. and lowest 29.868 ins. on 9th at 3 p.m. (correc. for diur. var.).

The mean daily temperature, based upon four observations per day, was 76.5 degs.; the 33-year normal being 75.8 degs., shewing 0.7 deg. above normal. The maximum temperature was above 90 degs. on one day, and the minimum temp. was above 70 degs. on two days. The highest max. temperature was 90.2 degs. on 31st, and the lowest min. 64.3 degs. on 12th. Lowest max. 81.2 degs. on 8th, and the highest minimum 77.1 degs. on 1st. Greatest range of temperature 23.1 degs. on 31st., and the least range 8.1 degs. on 1st.

The mean relative humidity was 74%, and the 33-year normal 78%. Mean 7 a.m. 85%, and the 3 p.m. 58%. Lowest 7 a.m. 72% on 29th, and lowest 3 p.m. 45% on 31st.

Distant thunderstorm to northward on 18th.

The forenoon sky was overcast on 8 occasions, and the afternoon on 12.

The total evaporation for the month was 3.82 ins.; the 9-year normal being 5.12 ins.

Mean daily number of sunshine hours for January 8.8.

Lunar Halo on 19th (complete) at 8 p.m.

NEGRIL POINT LIGHT HOUSE.

A table shewing the mean Meteorological Results for the Station at Negril Point Light House (situated at the extreme west of the Island), for the year 1931 is appended. The extreme maximum temperature was 93.7 degs. on 4th September, and the extreme minimum 63.6 degs. on 29th January and 21st March. The greatest monthly rainfall was 9.21 ins. in June, and the least 1.34 inch in February. The year's rainfall total was 45.44 ins., and the normal 54.49 ins. The observations were conducted by Mr. J. S. Brownhill, the Superintendent of the Light House.

CAYMAN ISLANDS.

Government House, Georgetown, Grand Cayman.—For the month of January, 1931, the total rainfall was 6.78 inches. The greatest fall in 24 hours was 3.00 ins. on 18th with 5 rainy days.

J. F. BRENNAN,
Government Meteorologist.

Kingston, February 17th, 1932.

Meteorological Results for the Year 1931.

Negril Point, Jamaica, (Elevations, See Foot Note).

Month.	Barometer Pressure.		Temperature. (Fah.)						Extremes for Month.			Dewpoint and Humidity.				Rain-fall.	Rainy Days.
	7 a.m.	3 p.m.	Mean.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Min.	Range.	7 a.m.		3 p.m.			
	Ins.	Ins.	°	°	°	°	°	°	°	°	°	°	%	°	%	Ins.	No.
January ..	29.976	29.930	77.4	72.9	82.5	85.2	71.0	14.2	89.2	63.6	25.6	68	83	70	66	2.87	7
February ..	.943	.903	76.9	72.0	82.6	85.3	70.0	15.3	89.3	64.4	24.9	66	82	69	63	1.34	7
March ..	.949	.912	77.0	72.8	82.1	84.7	70.2	14.5	89.5	63.6	25.9	67	80	68	64	1.54	7
April ..	.929	.888	79.6	76.5	83.9	87.3	72.6	14.7	92.7	69.0	23.7	71	83	72	68	2.30	10
May ..	.892	.862	80.9	78.7	84.6	88.6	73.8	14.8	92.3	71.4	20.9	73	82	75	72	6.32	14
June ..	.919	.910	80.7	79.1	83.5	89.1	73.3	15.8	92.2	69.6	22.6	73	83	75	76	9.21	20
July ..	.911	.899	80.9	78.1	84.8	89.0	73.6	15.4	92.7	70.9	21.8	73	84	76	75	3.38	16
August ..	.965	.933	82.0	78.5	86.4	90.9	74.2	16.7	93.5	71.5	22.0	72	81	75	71	2.31	13
September ..	.893	.856	80.9	77.4	84.8	89.4	73.9	15.5	93.7	70.7	23.0	73	87	77	76	6.33	17
October ..	.885	.839	80.2	76.8	83.9	88.1	73.9	14.2	91.1	71.4	19.7	73	86	75	76	4.39	17
November ..	.872	.822	78.8	74.8	83.7	86.2	72.4	13.8	90.8	67.2	23.6	70	85	72	69	3.74	12
December ..	29.973	29.919	78.5	72.9	85.1	88.1	70.1	18.0	90.1	65.4	24.7	67	81	71	63	1.71	7
Means ..	29.926	29.889	79.5	75.9	84.0	87.7	72.4	15.3	91.4	68.2	23.2	71	83	73	70	..	..
Totals ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	45.44	147

Barometer pressure reduced to Standard of Kew, 32 degrees, gravity at Lat. 45° and Mean Sea Level. The 75th Meridian West of Greenwich, Standard Time used. Altitude of Barometer above Mean Sea Level 33 ft. Height of Thermometer above ground 4 ft. 6 in. Height of Rain Gauge above the ground 6 ft. 6 in. Height of Anemometer above the ground 94 ft.

NEGRIL POINT, 1931—MEAN RESULTS, *contd.*

Month.	Wind Miles per diem.	Wind from and Miles per hour.			Clouds: in Tenths.						Weather Conditions, etc.
		7 a.m.	3 p.m.	11 p.m.	Lower.		Middle.		Upper.		
					7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	
January ..	243	N.E. 8.5	Var. 13.4	N.E. 8.6	3.7	2.2	1.4	3.0	1.4	1.2	Clear 1, Cloudy 18, Overcast 5, Rain 7, Thunderstorm 1, Distant thunder and lightning 1, Northers on 6 days, Rainfall above average.
February ..	260	N.E. 10.4	Var. 12.8	N.E. 10.4	2.8	2.0	1.1	2.9	1.1	0.7	Clear 2, Cloudy 15, Overcast 4, Rain 7, Northers on 5 days, Rainfall above average.
March	282	N.E. 9.1	Var. 13.8	N.E. 10.5	1.5	1.9	0.0	1.3	4.5	3.1	Clear 3, Cloudy 12, Overcast 9, Rain 7 days, light northers throughout the month, Rainfall below average.
April ..	206	N.E. 7.5	Var. 11.8	E.N.E. 6.3	1.9	2.8	1.0	2.6	4.3	1.3	Clear 1, Cloudy 11, Overcast 8, Rain 10, Thunderstorm 1, Distant thunder and lightning 6 days, Rainfall below the average.
May ..	188	E. 7.0	S.E. 10.2	E.N.E. 7.2	0.6	2.5	1.8	3.8	5.9	2.7	Cloudy 4, Overcast 13, Rain 14, Thunderstorm 4, Distant thunder and lightning 16 days, Rainfall the average.
June ..	181	N.E. 7.1	E.NE. 9.6	E.N.E. 6.4	2.3	2.3	0.7	5.8	5.6	0.7	Cloudy 3, Overcast 7, Rain 20, Thunderstorm 4, Distant thunder and lightning on many days, Rainfall above the average.
July ..	183	N.E. 7.1	E. 10.3	E.N.E. 6.6	1.3	3.8	0.5	5.1	7.1	0.8	Cloudy 2, Overcast 13, Rain 16, Thunderstorm 7, Distant thunder and lightning 30 days, Rainfall below the average.
August ..	180	N.E. 5.1	Var. 9.7	N.E. 6.0	0.9	3.4	0.0	3.2	6.8	0.7	Clear 2, Cloudy 10, Overcast 6, Rain 13, Thunderstorm 6, Distant thunder and lightning on 28 days, Rainfall very deficient.
September ..	208	E.N.E. 7.6	Var. 11.1	E.N.E. 7.4	1.3	3.6	0.6	4.5	6.4	1.1	Cloudy 3, Overcast 10, Rain 17, Thunderstorm 7, Distant thunder and lightning throughout the month, Rainfall about the average.
October ..	208	E.N.E. 8.3	E. 11.1	E.N.E. 7.2	1.3	3.7	1.5	4.0	5.3	1.5	Cloudy 2, Overcast 12, Rain 17, Thunderstorm 2, Distant thunder and lightning throughout, Rainfall below average
November ..	257	N.E. 9.5	Var. 13.4	N.E. 9.5	3.8	2.3	0.9	2.5	2.0	1.3	Clear 2, Cloudy 13, Overcast 3, Rain 12, Distant thunder and lightning 3, Norther on 2 days, Rainfall below the average.
December ..	221	N.E. 8.9	Var. 9.5	N.E. 8.2	1.3	2.0	0.1	3.7	3.5	0.8	Clear 2, Cloudy 18, Overcast 4, Rain 7, Thunderstorm 1, Distant thunder and lightnin on 6 days. Rainfall below the average.
Means ..	218	N.E. 8.2	Var. 11.4	E.N.E. 7.9	1.9	2.8	0.8	3.5	4.5	1.3	Rainfall for the year 9.05 inches below the average.

No. 660.

LIBRARY WEATHER BUREAU

JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

FEBRUARY, 1932.

The Bar. pressures at all the Stations, except the Hill Gardens, are reduced to the standards of Kew, 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screens; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small four-cup instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus: the Middle clouds cumulus and the Upper clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

Stations.	Elevation.	Bar. Pressure.		Temperature.				Extreme Temperature.					
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft	ins.	ins.	°	°	°	°	°	°		°		°
Morant Point Light House	8	30.012	29.976	76.5	80.6	81.6	73.0	8.6	83.8	2[illegible]	59.0	29	24.8
Kingston ..	24	29.980	29.930	68.3	84.0	85.5	66.9	18.6	88.7	5	63.7	22	25.0
Negril Point Light House	33	30.014	29.954	70.2	83.3	86.7	67.7	19.0	89.3	2	64.0	14	25.3
Castleton Gardens ..	496	..	..	62.7	79.1	82.8	61.7	21.1	86.0	28	55.0	23	31.0
Hope Gardens† ..	668	30.041	29.950	66.0	83.1	85.7	64.7	21.0	89.0	4*	62.0	22*	27.0
Boon Hall ..	970	29.982	29.920	61.1	80.1	82.7	58.1	24.6	86.5	5	51.0	22	35.5
Hill Gardens ..	4,900	25.243	25.221	59.5	61.8	65.5	52.1	13.4	67.0	4	49.0	22*	18.0

Stations.	Elevation.	Dewpoint and Humidity.				Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.				7 a.m.		3 p.m.		7 a.m.			3 p.m.		
	ft.	°	%	°	%	ins.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	70	81	71	73	1.50	267	NE	13.0	NE	12.0	1.3	2.8	0.2	0.5	3.2	0.2
Kingston	24	62	80	68	59	0.07	170	NNE	4.5	SE	13.7	1.2	0.5	0.0	2.1	1.9	0.1
Negril Point Light House	33	63	79	68	61	0.53	219	NE	8.9	Var.	11.9	0.3	1.0	0.5	2.6	2.8	0.1
Castleton Gardens	496	61	94	73	82	2.42	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	59	79	68	60	0.47	..	..	..	..	..	..	..	..	..	..	..
Boon Hall ..	970	57	91	65	61	0.39	..	NE	2.8	WNW	8.5	..	..	..	..	..	..
Hill Gardens	4,900	54	83	58	86	1.19	..	..	..	..	..	..	..	..	..	..	..

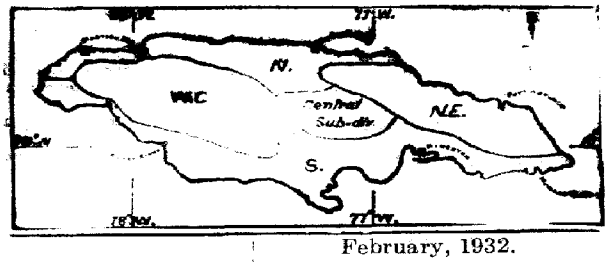
*And on other days. †Hope Gardens Bar. read at 9 a.m. and 3 p.m.

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1919." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-divisions; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North-Eastern and West-Central Divisions are the remaining parts of the Island bounded by the sea and the other Divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition, and of page 20 of 1923 Edition, an outline of which is given below.



Stations.	February, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
North-Eastern Division. (N.E.)	Ins.	Ins.			Ins.
Manchioneal ..	2.22	0.55	9	7	5.07
Priestman's River	0.66	0.46	8	2	4.42
Bath ..	1.93	0.78	8	12	4.24
Barrett's Gap ..	3.31	0.78	10	12	..
Millbank ..	5.85	1.45	10	10	..
Moore Town ..	4.45	1.00	6	13	12.67
Port Antonio ..	1.49	0.35	10	8	5.80
Passley Garden ..	1.89	0.80	7	9	..
Fellowship ..	2.84	0.48	7	11	9.87
Johnson River Br.	0.91	0.35	14	4	2.33
Trinity Ville ..	1.70	1.10	8	2	..
Shrewsbury ..	3.92	0.83	10	15	10.44
Hope Bay ..	1.69	0.29	2	13	..
Cedar Valley ..	0.30	0.30	8	1	2.54
Moy Hall ..	0.24	0.15	8	3	2.54
Paradise ..	2.91	0.53	9	14	..
Lennox ..	1.88	0.54	7	6	..
Greenvale ..	4.40	1.30	1	6	12.12
Spring Garden ..	1.62	0.42	10	8	5.64
Hill Gardens ..	1.19	0.58	1	3	4.27
Buff Bay ..	2.27	0.60	1	8	7.54
Orange Vale ..	4.88	1.50	10	10	..
Belvedere, Portland	2.03	0.70	24	7	9.61
Windsor Castle, do.	2.20	0.70	10	7	5.59
Balcarres ..	1.01	0.55	10	3	..
Mt. Holstein ..	2.87	1.68	1	8	8.70
Cedar Hurst ..	1.60	1.22	1	5	..
Hardware Gap ..	1.55	0.85	1	4	3.99
Rose Hill ..	0.38	0.17	15	4	4.48
Hermitage ..	0.35	0.12	13	5	..
Mount James ..	1.57	1.00	1	3	..
Stony Hill Ind. Sch.	0.36	0.22	15	3	2.32
Boon Hall ..	0.39	0.19	12	9	..
Brandon Hill ..	0.69	0.26	1	4	..

Stations.	February, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
North-Eastern Division, *contd.*	Ins.	Ins.			In.
Iter Boreale ..	2.46	1.22	10	4	..
Enfield ..	4.30	1.10	16	18	..
Agualta Vale ..	2.14	1.02	9	11	5.12
Castleton Gardens	2.42	1.28	1	6	5.31
Water Valley ..	1.47	0.72	10	3	4.81
Albany ..	1.90	0.80	10	9	4.62
Lawrence Tavern ..	0.10	0.10	10	1	2.48
Richmond, St. Mary	1.26	0.63	10	3	4.41
Quebec, St. Mary	1.00	0.39	10	6	4.37
Zion Hill ..	0.10	0.10	19	1	2.90
Glengoffe ..	0.00	..	..	0	..
Carew Castle ..	0.09	0.09	9	1	2.22
Hampstead, St. Mary	1.83	0.83	10	13	6.29
Windsor Castle do.	1.47	0.40	7	7	..
Troja ..	1.05	0.45	17	4	..
Pear Tree Grove ..	1.20	0.50	10	5	..
Guy's Hill ..	2.35	0.90	1	7	3.96
Lucky Hill ..	1.23	0.54	10	9	4.95
Rio Hoe ..	0.82	0.35	10	6	3.88
Unity Valley ..	0.69	0.31	10	6	3.55
Moneague ..	0.74	0.27	10	6	3.97
Claremont ..	0.66	1.30	7	3	3.96
Averham Park ..	0.99	0.38	10	5	4.46
Albion ..	0.84	0.34	10	9	3.63
Northern Division (N).					
Port Maria ..	0.88	0.35	6	6	5.00
Wentworth ..	0.68	0.31	7	5	..
Eden Park ..	0.45	0.45	6	1	..
Oracabessa ..	1.40	0.90	6	2	..
Huddersfield ..	0.74	0.50	12	2	..
Ocho Rios ..	0.35	0.19	6	3	3.48
Bogue, Ocho Rios ..	0.57	0.29	6	5	4.29
Drax Hall ..	0.48	0.25	8	3	4.51
Rockfield ..	0.59	0.32	8	4	5.22
Liberty Hill ..	0.39	0.20	8	5	4.46
St. Ann's Bay ..	0.79	0.35	7	4	4.60
Seville ..	..	..	..	..	4.18
Richmond Estate ..	0.30	0.14	13	3	4.10
Llandovery ..	0.55	0.55	14	1	4.42
Runaway Bay ..	0.00	..	..	0	2.26
Knapdale ..	1.21	0.49	10	5	..
Alexandria ..	0.00	..	..	0	2.93
Bel-Air ..	0.15	0.10	1	2	..
Brown's Town ..	0.73	0.30	10	8	4.29
Watt Town, St. Ann	0.25	0.25	13	1	2.90
Home Castle ..	0.55	0.35	14	2	3.30
Richmond Pen ..	0.10	0.05	3	2	2.27
Bryan Castle ..	0.05	0.05	13	1	2.48
Braco ..	0.10	0.05	13	2	2.18
Arcadia ..	0.32	0.15	14	5	2.61
Vale Royal ..	0.24	0.09	15	3	2.59
Harmony Hall ..	0.20	0.20	14	1	2.84
Colchis Pen ..	..	..	..	..	1.67
Duncans ..	0.00	..	..	0	—
Clark's Town ..	0.20	0.20	10	1	..
Falmouth ..	0.08	0.08	28	1	1.82
Canaan ..	0.00	..	..	0	2.11

Stations.	February, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
Northern Division, *contd.*	Ins.	Ins.			Ins.
Grange	0.25	0.25	19	1	..
Adelphi	0.04	0.04	27	1	..
Success	0.08	0.08	8	1	2.23
Rose Hall	0.10	0.10	8	1	2.36
Cinnamon Hill	0.15	0.15	8	1	2.54
Tryall	0.00	..	..	0	1.53
Running Gut	0.12	0.12	8	1	2.17
Spring Estate	0.00	..	..	0	2.41
Friendship	0.41	0.30	15	3	2.27
Retirement	0.36	0.20	15	3	1.99
Montego Bay	0.07	0.07	15	1	1.83
Anchovy	0.04	0.04	16	1	1.41
Bamboo-Hanover	0.21	0.17	15	2	..
Blue Hole	..	..	..	..	3.79
Kew	0.00	..	..	0	2.11
Lucea	0.21	0.09	17	4	3.36
Haughton Court	0.10	0.05	26	2	2.13
Cousins Cove	0.05	0.05	27	1	..
Green Island	0.09	0.09	7	1	2.12
Haughton Hall	..	..	..	..	..
Central Sub-Division.					
Knollis	0.22	0.15	12	2	..
Highgate	0.96	0.42	17	6	..
Rio Magno	0.88	0.45	10	4	..
Riversdale	0.11	0.08	1	2	..
Headworks, R.C.C.	1.88	1.46	15	2	1.64
Bog Walk	0.67	0.45	12	3	..
Linstead	0.24	0.15	12	2	2.17
Ewarton	0.21	0.17	10	2	..
Cave Valley	0.00	..	..	0	2.14
Guanaboa Vale	2.46	1.45	15	5	..
Point Hill	0.42	0.26	12	2	3.37
Brown's Hall	1.26	0.75	15	5	2.18
Bellas Gate	1.17	0.73	15	3	1.67
Rock River	0.75	0.35	26	3	..
Crofts Hill	1.68	1.06	26	5	1.47
Far Enough	0.29	0.12	10	3	..
Suttons	0.39	0.17	12	3	..
Colonel's Ridge	1.26	0.89	12	3	..
Chapelton	0.34	0.34	12	1	1.58
Crooked River	0.59	0.28	15	4	..
James Hill	0.52	0.31	8	4	..
Frankfield	0.77	0.35	15	4	2.29
West-Central Division (W.C.)					
Mocho, Clarendon	0.75	0.65	18	2	1.66
Clarendon Park	0.47	0.18	15	3	..
Borobridge	0.53	0.30	8	2	..
Spaldings	0.79	0.19	8	6	2.83
Williamsfield	0.46	0.37	15	5	..
Brokenhurst	1.33	0.52	15	6	2.47
Shooters Hill	0.99	0.66	13	2	2.18
Lowe River	0.93	0.50	8	2	3.61
Christiana	0.61	0.34	10	5	2.62
Clifton Hill	0.80	0.40	16	3	2.68
Kendal, Manchester	0.90	0.60	13	2	2.49
Mereworth	0.91	0.47	1	4	..
Mandeville	0.74	0.33	15	4	2.68
Ulster Spring	0.40	0.17	10	4	3.43

Stations.	February, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
West-Central Division, *contd.*	Ins.	Ins.			Ins.
Marshall's Pen	0.80	0.56	13	4	2.82
Greenvale	0.05	0.05	13	1	..
Albert Town	0.37	0.12	9	4	3.06
Craig Head	0.26	0.26	10	1	..
Warsop	0.82	0.30	15	5	..
Troy	0.34	0.34	8	1	3.09
Wallingford	0.15	0.12	15	3	3.43
Balaclava	0.50	0.40	2	2	2.50
Wakefield	0.04	0.04	8	1	..
Maggotty	0.00	..	..	0	3.45
Lacovia	0.43	0.20	15	3	..
Ipswich	1.27	0.43	17	7	..
Kempshot	0.37	0.26	15	2	2.71
Garlands	0.36	0.24	10	2	..
Mocho, St. James	0.05	0.05	10	1	..
Bandon Pen	0.27	0.27	10	1	..
Catadupa	0.36	0.20	18	4	3.11
Cambridge, St. Jas.	0.21	0.09	17	3	3.23
New Market	0.42	0.30	11	2	4.05
Kew Park	0.08	0.06	17	2	2.84
Montpelier	0.00	..	..	0	1.95
The Bog	0.38	0.12	7	7	4.05
Bethel Town Dist.	0.69	0.48	18	5	4.02
Burnt Ground	0.21	0.08	12	5	2.67
Haughton Grove	0.23	0.18	13	2	2.92
Darliston	0.81	0.20	17	6	3.62
Bluefields	1.17	0.85	11	7	3.73
Whithorn	0.08	0.03	10	3	3.03
Water Works Pen	0.27	0.15	10	3	3.20
Askenish	..	..	..	..	3.06
Grange Hill	0.27	0.27	18	1	2.75
King's Vale	0.08	0.08	27	1	2.62
Southern Division (S.)					
Morant Point L.H.	1.50	0.71	7	10	2.73
Golden Grove	1.39	0.96	8	4	..
Pleasant Hill	1.69	1.02	8	6	2.53
Bowden	..	..	..	..	..
East Prospect	1.34	0.42	10	9	2.52
Morant Bay	0.65	0.29	8	3	1.95
Aeolus Valley	1.01	0.45	15	3	..
Yallahs	0.50	0.50	15	1	..
Easington	0.66	0.51	14	3	1.36
Mavis Bank	0.20	0.20	8	1	..
Bull Bay	0.00	..	..	0	0.42
Bellevue	..	..	..	..	..
Dallas Castle	0.47	0.17	18	4	..
Gordon Town	0.10	0.10	8	1	1.77
Irish Town	0.27	0.21	8	2	1.65
Hope Gardens	0.47	0.21	9	5	1.26
Waireka	..	..	..	..	..
Ivor	0.10	0.10	8	1	..
Barbican	0.22	0.14	9	3	..
Plumb Point L. H.	0.20	0.08	8	3	0.63
King's House Gar.	0.17	0.12	9	2	1.22
Upper Kingston	0.09	0.07	8	2	0.89
Kingston P.W.O.	0.07	0.05	8	2	0.61
Halfway Tree	0.14	0.13	8	2	0.85
Clifton Pen	0.06	0.06	7	1	0.64
Red Hills	0.32	0.17	15	3	..

Stations.	February, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
Southern Division, *contd.*	Ins.	Ins.			Ins.
Quarantine Station ..	0.14	0.06	9	4	0.44
Hematine ..	0.07	0.03	14	3	1.43
Spanish Town ..	0.04	0.04	15	1	1.33
The Stewartry ..	0.60	0.54	15	3	..
Hog Hole, St. Cath.	0.76	0.71	15	3	1.72
Hartlands ..	..	..	..	..	1.32
Old Harbour ..	1.57	1.05	15	3	1.77
May Pen ..	0.84	0.54	15	4	1.77
Glen Muir ..	0.50	0.50	12	1	..
Cottage ..	0.35	0.20	11	2	..
Belle Plain ..	0.41	0.38	15	3	..
Milk River ..	0.00	..	..	0	1.20
Retrieve ..	0.88	0.50	14	2	1.76
Hog Hole, S. Man. ..	1.03	0.70	17	2	3.02
Stone's Hope ..	1.36	0.69	15	4	2.15
Newport, Man. ..	1.27	0.80	15	5	2.55

Stations.	February, 1932. Total Fall.	Greatest fall in 24 hours. Amount	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
Southern Division, *contd.*	Ins.	Ins.			Ins.
Great Valley, Man.	0.73	0.28	8	5	2.40
Alligator Pond ..	0.00	..	..	0	1.33
Fairfield ..	1.09	0.75	13	5	2.45
Lititz ..	0.58	0.28	15	3	2.01
Myersville ..	0.12	0.12	16	1	..
Gilnock ..	1.35	0.67	12	7	..
Southfield, St. Eliz.	0.67	0.38	15	6	2.59
Windsor, St. Eliz. ..	0.32	0.15	17	5	..
Torrington ..	0.13	0.13	15	1	2.45
Santa Cruz ..	1.10	0.72	12	5	2.47
Pedro Plains ..	0.40	0.20	15	2	1.38
Mountainside ..	..	..	..	..	2.27
Fort Charles ..	..	..	..	..	..
Black River ..	0.24	0.18	15	2	1.70
Font Hill ..	0.40	0.25	15	2	1.84
Mount Edgecombe ..	2.46	1.20	12	7	2.47
Sweet River ..	0.13	0.10	18	2	2.62
Sav.-la-Mar ..	0.03	0.03	24	1	2.08
Little London ..	0.55	0.33	14	2	3.12
Retreat ..	0.63	0.49	18	2	2.71
Negril Point L.H. ..	0.53	0.18	9	5	1.86

Notes

Comparative Table of Rainfall and Rainy Days.

Divisional and Island Rainfall.	February. Rainfall. 1932.	Rainfall. Ave.	Rainy Days. 1932.	Rainy Days. Ave.
	Ins.	Ins.		
North-Eastern ..	1.54	5.48	7	10
Northern ..	0.60	2.48	2	6
West-Central ..	0.53	2.84	3	7
Southern ..	0.59	1.70	3	6
The Island means ..	0.82	3.13	4	7

Shocks of Earthquake in February, 1932.

Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
3	1.19 a.m.	..	Throughout the Island.
7	2.19 p.m.	..	Mandeville (Prof. W. H. Pickering) and over most of the Island.

N.B. It is particularly requested to send all Rainfall Postcards in not later than the 5th of each month.

THE ISLAND—FEBUARRY.

There was marked deficiency in the rainfall in all Divisions, the mean for the Island being about 25% of the average.

Most of this small rainfall appears to have occurred in the first half of the month.

The mean number of rainy days was only 4, the average being 7. The greatest number was 18 at Enfield in the North-Eastern Division.

The greatest total fall for the month was 5.85 inches at Millbank in the North-Eastern Division and the heaviest fall in 24 hours was 1.68 inches at Mount Holstein in the same Division on the 1st.

No rain fell at the following stations:—Glengoffe, Runaway Bay, Alexandria, Duncans, Canaan, Tryall, Spring Estate, Kew, Cave Valley, Maggotty, Montpelier, Bull Bay, Milk River and Alligator Pond.

The mean rainfall in each parish is given below:—

		Inches.			Inches.
Kingston	..	0.12	St. James	..	0.17
St. Andrew	..	0.45	Hanover	..	0.13
St. Thomas	..	1.21	Westmoreland	..	0.54
Portland	..	2.63	St. Elizabeth	..	0.50
St. Mary	..	1.60	Manchester	..	0.83
St. Ann	..	0.52	Clarendon	..	0.60
Trelawny	..	0.35	St. Catherine	..	0.77

CITY OF KINGSTON.

The total rainfall for the month of February was only 0.07 inch: the 59-year normal being 0.61 inch, or about one-ninth of the normal. There were two rainy days as compared with the 49-year average of 4.0. The upper boundary of Kingston gauged 0.09 inch with two rainy days.

The mean of the daily miles of wind registered was 170, as compared with the 20-year normal of 173. The maximum number of miles of wind in one day was 282 on 23rd, and the minimum 102 on 10th. South-easterly wind early on one day, and continued until after 7 p.m. on 3rd, 7th, 11th, 14th and 23rd. Gentle to fresh "northers" of short duration were noted on a few days towards the close of the month.

Mean barometric pressure 29.969 inches, as against the normal of 29.981 inches. The highest barometer reading was 30.052 inches, on 5th at 7 a.m., and the lowest 29.868 inches on 28th at 3 p.m. (correc. for diur. var.).

The mean daily temperature, based upon four observations per day, was 75.7 degrees which corresponds with the normal for 33-years. The maximum temperature was below 90 degrees throughout, and the minimum was 70 degrees and above twice. Highest maximum temperature, 88.7 degrees on 5th, and lowest minimum 63.7 degrees on 22nd. Then, the lowest maximum was 81.8 degrees on 6th, and the highest minimum 71.1 degrees on 6th. The greatest range of temperature was 22.7 degrees on 9th, and the least range 10.7 degrees on 6th.

The mean relative humidity was 73%, and the normal for 33 years, 78%, the 5% deficiency is possibly owing to the small precipitation. The mean 7 a.m., 80% and the mean 3 p.m., 59%. Lowest 7 a.m. 64% on 22nd, and the lowest 3 p.m., 51% on 2nd.

There was moderate haze on many mornings.

The sky was overcast in the early morning on 4 occasions, and in the afternoon on 11.

The total evaporation for February was 4.48 inches, and the 9-year normal, 4.88 inches.

Mean daily number of sunshine hours, 8.9.

EARTHQUAKE.

There was a sharp shock of earthquake on 3rd February at about 1 hour 18½ minutes a.m. of an intensity estimated as Class III. The seismograph registered a rapid horizontal movement of a duration of about 4 to 5 seconds, of a direction NNW-SSE of about 0.04 inch, accompanied by longer oscillatory motion in several directions, the maximum being from east to west of half an inch in amplitude, lasting for about 15 seconds more. This shock was also experienced throughout the Island. At about the same hour there occurred a most disastrous earthquake at Santiago de Cuba, with loss of life and considerable property.

MORANT POINT LIGHTHOUSE.

A table shewing the Meteorological Results for the station at Morant Point Lighthouse (situated at the extreme east of the Island), for the year 1931, is appended. The extreme maximum temperature was 89.5 degrees on 31st August, and the extreme minimum temperature, 59.6 degrees on 20th March. The greatest monthly rainfall was 17.72 inches in November, and the least 1.10 inch in March. The year's rainfall total was 94.50 inches, and the normal 70.19 inches. There were 214 rainy days. The observations were conducted by Mr. Chas. Durrant, the Superintendent of the Light House.

CAYMAN ISLANDS.

Government House, Georgetown, Grand Cayman—Total rainfall for the month of February, 0.12 inch, greatest fall in 24 hours, 0.12 inch with 1 rainy day.

J. F. BRENNAN,
Government Meteorologist.

Kingston,
March 18th, 1932.

Morant Point, Jamaica.—Meteorological Results for the Year 1931.

(For Elevations; See Foot Note.)

Month.	Barometer Pressure.		Temperature. (Fah.)						Extremes for Month.			Dewpoint and Humidity.				Rain-fall.	Rainy Days.
	7 a.m.	3 p.m.	Mean.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Min.	Range.	7 a.m.		3 p.m.			
	Ins.	Ins.	°	°	°	°	°	°	°	°	°	°	%	°	%	Ins.	No.
January ..	29.988	29.953	78.2	78.1	80.6	81.7	74.4	7.3	85.5	69.1	16.4	71	78	71	74	6.58	22
February ..	.959	.907	76.5	75.0	80.0	81.3	71.9	9.4	84.4	66.0	18.4	70	84	71	74	3.45	12
March ..	.956	.920	77.4	76.0	80.8	82.3	72.4	9.9	85.7	59.6	26.1	70	82	73	74	1.10	6
April ..	.937	.901	79.3	78.3	82.1	84.1	74.6	9.5	86.6	69.0	17.6	74	86	74	77	10.49	18
May ..	.900	.879	81.0	80.5	83.7	85.7	76.0	9.7	87.9	70.0	17.9	74	83	75	76	5.64	15
June ..	.942	.921	81.5	81.3	83.7	85.8	77.3	8.5	88.1	72.2	15.9	76	85	77	79	12.80	22
July ..	.933	.914	82.2	82.3	84.3	86.3	77.8	8.5	88.0	72.8	15.2	76	82	77	76	6.61	21
August ..	.980	.952	83.7	83.4	85.9	87.5	79.9	7.6	89.5	74.0	15.5	77	81	77	75	1.17	11
September ..	.905	.980	81.6	81.7	84.1	86.1	76.7	9.4	89.2	71.5	17.7	76	84	76	77	9.38	24
October ..	.910	.867	81.5	81.5	83.7	85.7	77.1	8.6	87.3	69.0	18.3	76	83	76	78	15.59	24
November ..	.876	.838	79.3	79.2	81.8	83.3	74.8	8.5	86.6	68.0	18.6	73	83	74	77	17.72	22
December ..	29.990	29.950	79.2	78.7	81.5	82.7	75.8	6.9	84.2	71.0	13.2	72	80	72	74	3.97	17
Means ..	29.940	29.907	80.1	79.7	82.7	84.4	75.7	8.7	86.9	69.3	17.6	74	83	74	76	..	..
Totals ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	94.50	214

Barometer pressure reduced to Standard of Kew, 32 degrees, gravity at Lat. 45° and Mean Sea Level. The 75th Meridian West of Greenwich, Standard Time used. Altitude of Barometer above Mean Sea Level 8 ft. Height of Thermometers above ground 4 ft. 6 in. Height of Rain Gauge above the ground 3 ft. Height of Anemometer above ground 18 ft.

MORANT POINT, 1931—MEAN RESULTS, *contd.*

Month.	Wind. Miles per diem.	Wind from and Miles per hour.				Clouds: in Tenths.						Weather Conditions.
		7 a.m.		3 p.m.		Lower.		Middle.		Upper.		
						7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	
January ..	354	N.E.	18	E.N.E.	17	3.2	2.4	1.4	1.8	0.1	0.5	Rain 22 days, Overcast 12 days, N.E. Gale 15th, 16th, 23rd, 24th, 25th and 26th.
February ..	282	N.E.	15	N.E.	13	3.6	2.1	0.9	2.1	0.4	0.2	Rain 12 days, Overcast 3 days, N.E. Gale 7th, 8th, 21st and 22nd, Clear 4th and 17th.
March ..	260	N.E.	13	N.N.E.	12	2.5	1.5	1.1	2.6	1.8	1.3	Rain 6 days, Overcast 4 days, N.E. Gale 13th and 14th, Clear 15th and 29th.
April ..	244	N.E.	9	E.N.E.	10	2.8	2.7	2.2	2.3	0.9	0.9	Rain 18 days, Overcast 5 days, Thunderstorm on 7th.
May ..	191	E.N.E	10	E.	9	1.9	2.1	2.5	3.0	1.4	1.6	Rain 15 days, Overcast 7 days, Thunderstorm 26th, N.E. Gale 16th, N.W. Gale on 26th for 6 hours.
June ..	262	E.N.E.	12	E.N.E.	12	3.0	1.6	1.6	3.2	2.7	1.7	Rain 22 days, Overcast 13 days, Thunderstorm 6th, 9th and 22nd.
July ..	302	E.N.E.	16	E.N.E.	13	2.4	1.7	1.9	2.2	2.8	2.5	Rain 21 days, Overcast 10 days, Thunderstorm 8th 9th, 21st and 30th.
August ..	312	E.N.E.	15	E.N.E.	13	1.8	0.6	1.7	2.3	1.6	1.3	Rain 11 days, Overcast 3 days, Thunderstorm 4th, 5th, 17th, E. Gale 13th, Earthquake on 25th.
September ..	250	E.	12	E.N.E.	10	2.3	2.3	2.3	2.2	2.7	2.6	Rain 24 days, Overcast 8 days, Thunderstorm 15th and 20th, S.E. Gale 12th.
October ..	261	E.N.E.	12	E.N.E.	11	2.7	2.0	2.4	2.6	1.9	1.5	Rain 24 days, Overcast 7 days, Thunderstorm 4th, 5th, 6th and 21st.
November ..	329	N.E.	17	N.E.	16	2.8	1.9	2.1	2.7	1.1	1.3	Rain 22 days, Overcast 2 days, Thunderstorm 23rd, Norther 9th and 10th, N.E. Gale 11th, 12th, 13th and 18th, Clear 17th.
December ..	333	E.N.E.	17	E.N.E.	15	2.2	1.3	1.9	2.8	0.8	0.8	Rain 17 days, Overcast 2 days.
Means ..	282	E.N.E.	14	E.N.E.	13	2.6	1.8	1.8	2.5	1.5	1.4	Rain 214 days, Overcast 76, Thunderstorm 19, Clear 5 days.

No. 661.

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JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

MARCH, 1932.

The Bar. pressures at all the Stations, except the Hill Gardens, are reduced to the standards of Kew, 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screens; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small four-cup instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus: the Middle clouds cumulus and the Upper clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

Stations.	Elevation.	Bar. Pressure.		Temperature.				Extreme Temperature.					
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft	ins.	ins.	°	°	°	°	°	°		°		°
Morant Point Light House	8	29.971	29.940	75.3	81.7	83.0	71.5	11.5	85.5	6	61.0	1	24.5
Kingston ..	24	29.941	29.893	71.9	84.3	85.8	70.0	15.8	91.5	30	65.3	1	26.2
Negril Point Light House	33	29.958	29.917	72.2	82.7	85.3	69.6	15.7	90.9	30	62.9	1	28.0
Castleton Gardens ..	496	..	..	66.1	79.9	85.7	65.1	20.6	90.0	8	57.0	1	33.0
Hope Gardens† ..	668	29.991	29.908	69.3	83.4	87.2	67.0	20.2	91.0	22*	61.0	1	30.0
Boon Hall ..	970	29.986	29.909	65.6	81.3	86.7	62.2	24.5	87.0	29	54.0	1	33.0
Hill Gardens ..	4,900	25.264	25.203	61.3	64.3	67.2	54.6	12.6	70.0	10*	50.0	1	20.0

Stations.	Elevation.	Dewpoint and Humidity.				Rainfall.	Wind per diem.	Wind; direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.				7 a.m.		3 p.m.		7 a.m.			3 p.m.		
	ft.	°	%	°	%	ins.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	70	83	73	73	1.65	233	Var.	11.0	ENE	11.0	2.3	1.8	0.7	0.6	2.3	0.3
Kingston	24	65	80	69	61	0.22	196	NNE	5.4	SE	14.5	2.1	0.9	0.8	3.2	1.0	0.0
Negril Point Light House	33	68	84	70	67	1.69	245	NE	8.4	Var.	14.0	1.9	1.2	2.2	3.5	1.6	1.7
Castleton Gardens	496	64	95	74	82	2.82	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	62	77	69	63	0.62	..	..	..	..	..	..	..	..	..	..	..
Boon Hall ..	970	61	92	66	59	1.00	..	NE	3.0	WNW	9.7	..	..	..	..	..	..
Hill Gardens	4,900	57	84	59	83	0.76	..	..	..	..	..	..	..	..	..	..	..

*And on other days. †Hope Gardens Bar. read at 9 a.m. and 3 p.m.

THE RAINFALL.

THE first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1919." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-divisions; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North-Eastern and West-Central Divisions are the remaining parts of the Island bounded by the sea and the other Divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition, and of page 20 of 1923 Edition, an outline of which is given below.

STATIONS.	March, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
NORTH-EASTERN DIVISION. (N.E.)	Ins.	Ins.			Ins.
Manchioneal ..	1.83	0.76	15	7	3.68
Priestman's River	0.90	0.60	13	2	4.28
Bath ..	1.88	0.57	6	8	4.29
Barrett's Gap ..	1.94	1.19	30	8	..
Millbank ..	7.03	4.55	30	9	..
Moore Town ..	4.24	2.00	30	9	9.97
Port Antonio ..	1.46	0.65	14	9	4.74
Passley Garden ..	2.33	0.71	14	10	..
Fellowship ..	1.97	1.08	31	9	7.25
Johnson River Br.	0.56	0.45	6	2	2.76
Trinity Ville ..	0.00	..	..	0	..
Shrewsbury ..	2.08	0.87	29	7	8.23
Hope Bay ..	0.82	0.32	31	6	..
Cedar Valley ..	0.33	0.21	6	2	3.00
Moy Hall ..	0.59	0.32	7	5	3.00
Paradise ..	1.45	0.55	30	7	..
Lennox ..	0.77	0.32	16	6	..
Greenvale ..	3.95	3.60	30	3	10.12
Spring Garden ..	0.71	0.24	15	5	5.81
Hill Gardens ..	0.70	0.28	6	4	4.55
Buff Bay ..	0.28	0.19	11	3	5.35
Orange Vale ..	3.65	2.90	30	8	..
Belvedere, Portland	1.18	0.63	16	3	6.53
Windsor Castle, do.	0.80	0.80	16	1	5.49
Balcarres ..	3.40	3.10	30	3	..
Mt. Holstein ..	3.66	2.66	30	10	7.00
Cedar Hurst ..	1.38	1.05	30	4	..
Hardware Gap ..	1.64	0.50	6	6	4.07
Rose Hill ..	0.75	0.49	7	2	4.53
Hermitage ..	0.48	0.43	7	3	..
Mount James ..	2.25	0.85	30	5	..
Stony Hill Ind. Sch.	0.77	0.65	7	3	2.97
Boon Halt ..	1.00	0.42	6	8	..
Brandon Hill ..	0.98	0.35	14	5	..
NORTH-EASTERN DIVISION, *contd.*	Ins.	Ins.			In.
Iter Boreale ..	..	..	..	..	..
Enfield ..	2.03	1.04	30	7	..
Agualta Vale ..	0.78	0.20	7	8	4.43
Castleton Gardens	2.82	0.84	12	9	4.73
Water Valley ..	0.80	0.24	15	7	4.29
Albany ..	1.11	0.25	11	7	3.87
Lawrence Tavern ..	0.30	0.30	20	1	2.75
Richmond, St. Mary	1.41	0.36	13	6	3.71
Quebec, St. Mary	1.09	0.47	13	4	2.91
Zion Hill ..	1.20	1.00	21	2	2.83
Glengoffe ..	3.45	0.90	27	5	..
Carew Castle ..	1.15	0.70	20	4	3.02
Hampstead, St. Mary	1.65	0.56	31	10	4.72
Windsor Castle do.	1.69	0.32	16	8	..
Troja ..	1.25	0.45	8	4	..
Pear Tree Grove ..	1.10	0.40	7	7	..
Guy's Hill ..	2.70	0.65	30	7	3.14
Lucky Hill ..	1.51	0.39	31	8	3.14
Rio Hoe ..	1.08	0.40	28	7	3.62
Unity Valley ..	1.39	0.75	10	8	3.64
Moneague ..	1.82	0.92	8	7	3.40
Claremont ..	2.67	1.70	29	5	3.17
Averham Park ..	0.73	0.31	20	4	3.72
Albion ..	1.22	0.34	31	10	3.50
NORTHERN DIVISION (N).					
Port Maria ..	2.20	1.25	11	5	3.06
Wentworth ..	2.63	1.60	11	6	..
Eden Park ..	1.17	0.35	11	4	..
Oracabessa ..	1.10	0.78	11	2	..
Huddersfield ..	0.75	0.32	11	3	..
Ocho Rios ..	1.31	0.61	31	4	2.50
Bogue, Ocho Rios ..	1.65	0.70	31	5	3.18
Drax Hall ..	1.46	0.64	13	5	3.14
Rockfield ..	1.55	0.61	13	5	3.41
Liberty Hill ..	1.35	0.65	9	4	3.67
St. Ann's Bay ..	1.62	0.60	13	6	2.94
Seville ..	..	..	..	..	3.10
Richmond Estate ..	0.89	0.52	13	4	2.71
Llandovery ..	1.61	0.93	12	4	2.93
Runaway Bay ..	0.30	0.30	14	1	1.45
Knapdale ..	2.94	1.70	13	7	..
Alexandria ..	3.15	2.75	7	2	1.91
Bel-Air ..	0.90	0.50	13	3	..
Brown's Town ..	1.78	0.95	13	7	3.05
Watt Town, St. Ann	1.60	0.81	8	4	2.28
Home Castle ..	1.40	1.15	13	3	2.64
Richmond Pen ..	1.50	0.50	13	5	2.36
Bryan Castle ..	2.50	1.65	14	4	2.13
Braco ..	1.80	1.35	13	4	1.76
Arcadia ..	2.30	1.75	13	7	2.05
Vale Royal ..	1.40	0.88	13	5	2.32
Harmony Hall ..	1.26	0.50	2	4	2.04
Colchis Pen ..	..	..	..	..	1.85
Duncans ..	1.27	0.94	13	3	..
Clark's Town ..	1.08	0.54	13	3	..
Falmouth ..	0.40	0.40	13	1	1.71
Canaan ..	2.03	0.56	13	6	2.41

Stations.	March, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	Ins.	Ins.			Ins.
Northern Division, *contd.*					
Grange ..	1.20	1.00	12	2	..
Adelphi ..	2.66	0.95	11	6	..
Success ..	1.71	1.30	12	5	1.74
Rose Hall ..	2.43	1.90	12	5	1.64
Cinnamon Hill ..	2.13	1.70	12	5	1.69
Tryall ..	3.05	1.75	12	6	1.60
Running Gut ..	1.96	1.25	12	5	1.55
Spring Estate ..	2.85	1.80	12	6	1.52
Friendship ..	3.31	1.05	12	11	2.43
Retirement ..	4.98	2.85	12	9	3.02
Montego Bay ..	7.08	4.12	12	6	1.65
Anchovy ..	1.55	0.61	11	9	2.13
Bamboo-Hanover ..	3.89	1.70	11	8	..
Blue Hole ..	2.14	0.62	6	6	3.01
Kew ..	1.60	0.65	6	5	2.96
Lucea ..	0.99	0.60	6	9	2.37
Haughton Court ..	1.40	0.80	6	6	2.22
Cousins Cove ..	2.14	0.86	19	6	..
Green Island ..	3.06	1.06	13	7	3.29
Haughton Hall ..	1.62	0.35	31	10	..
Central Sub-Division.					
Knollis ..	3.11	1.74	7	5	..
Highgate ..	0.47	0.24	6	6	..
Rio Magno ..	1.36	0.44	7	5	..
Riversdale ..	3.97	2.25	7	5	..
Headworks, R.C.C.	0.20	0.20	6	1	2.90
Bog Walk ..	1.65	0.90	7	3	..
Linstead ..	1.67	0.50	7	8	3.08
Ewarton ..	2.29	1 52	8	6	..
Cave Valley ..	1.63	1.63	7	1	2.70
Guanaboa Vale ..	0.85	0.70	7	2	..
Point Hill ..	2.09	1.08	7	7	4.66
Brown's Hall ..	0.62	0.50	6	3	4.35
Bellas Gate ..	0.41	0.34	6	2	2.50
Rock River ..	0.82	0.82	6	1	..
Crofts Hill ..	1.00	0.59	6	3	2.80
Far Enough ..	0.90	0.35	8	5	..
Suttons . ..	0.84	0.77	6	3	..
Colonel's Ridge ..	0.76	0.46	10	2	..
Chapelton ..	0.88	0.62	4	5	2.60
Crooked River ..	0.98	0.65	10	6	..
James Hill ..	0.36	0.26	10	3	..
Frankfield ..	0.42	0.13	13	5	2.14
West-Central Division (W.C.)					
Mocho, Clarendon ..	0.65	0.35	8	2	3.22
Clarendon Park ..	0.36	0.31	6	2	..
Borobridge ..	2.92	1.90	8	6	..
Spaldings ..	1.62	0.54	8	6	2.66
Williamsfield ..	0.63	0.20	13	6	..
Brokenhurst ..	1.07	0.44	6	4	3.05
Shooters Hill ..	3.19	1.22	13	5	3.02
Lowe River ..	2.34	0.59	2	5	5.18
Christiana ..	3.17	1.03	8	8	4.23
Clifton Hill ..	0.35	0.25	..	3	2.52
Kendal, Manchester	0.57	0.26	13	4	3.28
Mereworth ..	1.15	0.45	6	6	..
Mandeville ..	0.70	0.23	25	6	4.18
Ulster Spring ..	3.31	1.27	8	7	4.09

Stations.	March, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	Ins.	Ins.			Ins.
West-Central Division, *contd.*					
Marshall's Pen ..	2.25	0.83	25	4	3.94
Greenvale ..	1.67	0.79	8	6	..
Albert Town ..	2.95	1.60	8	5	4.05
Craig Head ..	2.88	1.50	8	6	..
Warsop ..	2.32	1.21	8	7	..
Troy ..	4.08	1.30	10	4	5.88
Wallingford	6.70	3.20	10	7	4.70
Balaclava ..	4.20	1.50	8	7	4.57
Wakefield ..	0.67	0.29	10	5	..
Maggotty ..	4.84	1.42	28	5	5.93
Lacovia ..	0.99	0.41	26	5	..
Ipswich ..	3.41	1.06	8	7	..
Kempshot ..	3.99	1.15	13	8	3.11
Garlands ..	2.64	1.00	20	8	..
Mocho, St. James ..	2.63	1.70	20	5	..
Bandon Pen ..	3.09	1.26	10	6	..
Catadupa ..	1.58	0.46	6	8	4.11
Cambridge, St. Jas.	5.14	1.75	10	11	4.77
New Market ..	1.51	0.64	20	3	5.53
Kew Park ..	2.76	1 25	11	6	4.42
Montpelier ..	3.70	2.50	10	5	2.55
The Bog ..	1.87	1.14	20	6	6.34
Bethel Town Dist. ..	2.01	0.56	10	9	4.69
Burnt Ground ..	2.92	0.87	13	8	4.53
Haughton Grove ..	2.94	0.77	31	10	6.98
Darliston ..	2.76	1.40	20	9	6.13
Bluefields ..	2.80	1.26	20	3	6.93
Whithorn ..	3.68	1.59	20	9	4.83
Water Works Pen ..	3.24	1.08	20	9	5.22
Askenish ..	2.60	0.85	13	5	4.08
Grange Hill ..	1.95	0.61	12	8	5.22
King's Vale ..	2.10	0.65	6	9	4.24
Southern Division (S.)					
Morant Point L.H.	1.65	0.98	6	7	2.26
Golden Grove ..	0.67	0.30	11	2	..
Pleasant Hill ..	0.76	0 30	11	5	3.39
Bowden ..	..	..	..	..	..
East Prospect ..	0.29	0.13	31	5	2.96
Morant Bay ..	0.12	0.12	6	1	1.96
Aeolus Valley ..	0.95	0.75	6	2	..
Yallahs ..	0.00	..	..	0	..
Easington ..	0.33	0.28	6	2	1 39
Mavis Bank ..	0.00	..	..	0	..
Bull Bay ..	0.75	0.75	7	1	0.41
Dallas Castle ..	0.19	0.19	7	1	..
Gordon Town ..	0.25	0.25	6	1	1.70
Irish Town ..	0.48	0.48	6	1	1.98
Hope Gardens ..	0.62	0.55	6	3	2.01
Waireka ..	0.00	..	..	0	..
Ivor ..	0.40	0.40	6	1	..
Barbican ..	0.43	0.38	6	2	..
Plumb Point L. H.	0 22	0.22	6	1	0.83
King's House Gar. ..	0.41	0.41	6	1	1.54
Upper Kingston ..	0.74	0.74	6	1	0.76
Kingston P.W.O. ..	0.22	0.22	6	1	0.94
Halfway Tree ..	0.53	0.53	6	1	1.16
Clifton Pen ..	0.38	0.38	7	1	1.06
Red Hills ..	0.29	0.21	6	2	..

Stations.	March, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
Southern Division, *contd.*	Ins.	Ins.			Ins.
Quarantine Station ..	0.14	0.14	7	1	0.55
Hematine ..	0.15	0.13	6	2	1.52
Spanish Town ..	0.12	0.12	6	1	1.98
The Stewartry ..	0.49	0.31	7	2	..
Hog Hole, St. Cath.	0.58	0.30	6	2	2.26
Hartlands ..	0.00	..	..	0	1.60
Old Harbour ..	0.14	0.14	6	1	2.40
May Pen ..	0.88	0.88	6	1	2.53
Glen Muir ..	0.50	0.50	6	1	..
Cottage ..	0.28	0.12	6	3	..
Belle Plain ..	2.08	1.43	6	5	..
Milk River ..	0.00	..	..	0	1.55
Retrieve ..	1.90	1.75	6	2	2.10
Hog Hole, S. Man. ..	1.30	1.00	5	2	2.28
Stone's Hope ..	1.46	1.15	6	3	2.61
Newport, Man. ..	0.81	0.45	6	4	2.96

Stations.	March, 1932. Total Fall.	Greatest fall in 24 hours. Amount	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
Southern Division, *contd.*	Ins.	Ins.			Ins.
Great Valley, Man.	0.94	0.40	27	3	2.43
Alligator Pond ..	0.00	..	..	0	1.61
Fairfield ..	0.88	0.42	25	7	3.43
Lititz ..	0.56	0.40	6	2	1.93
Myersville ..	0.24	0.12	24	2	..
Gilnock ..	2.76	1.24	24	5	..
Southfield, St. Eliz.	0.83	0.28	24	6	2.11
Windsor, St. Eliz. ..	1.24	0.52	6	7	..
Torrington ..	2.09	0.97	24	3	3.13
Unity ..	1.33	0.60	24	5	..
Santa Cruz ..	1.42	0.72	24	6	4.61
Pedro Plains ..	0.81	0.41	24	4	1.63
Mountainside ..	1.40	0.80	6	6	2.32
Fort Charles ..	1.03	0.69	7	2	..
Black River ..	1.11	0.50	10	3	2.60
Font Hill ..	1.75	0.80	24	3	3.45
Mount Edgecombe ..	2.96	1.75	24	6	4.10
Sweet River ..	2.02	0.96	20	7	3.65
Sav.-la-Mar ..	1.55	0.67	20	5	2.81
Little London ..	1.49	0.83	12	4	3.11
Retreat ..	2.12	1.07	13	6	3.63
Negril Point L.H. ..	1.69	0.60	6	5	2.77

Notes

Comparative Table of Rainfall and Rainy Days.

Divisional and Island Rainfall.	March. Rainfall. 1932.	Rainfall. Ave.	Rainy Days. 1932.	Rainy Days. Ave.
	Ins.	Ins.		
North-Eastern ..	1.49	4.61	6	9
Northern ..	1.84	2.37	5	6
West-Central ..	2.71	4.25	6	9
Southern ..	0.87	2.18	3	6
The Island means ..	1.73	3.35	5	8

Shocks of Earthquake in March, 1932.

Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
2 & 6	..	..	Unity Valley
9	9.38 p.m.	..	Boon Hall, Liberty Hill, Clifton Hill, Kingston and Munro College.

N.B. It is particularly requested to send all Rainfall Postcards in not later than the 5th of each month.

THE ISLAND—March.

The mean rainfall for the Island was very deficient in all Divisions and particularly the Southern Division.

Most of this restricted rainfall appears to have occured between the 6th and 13th and at the end of the month.

The greatest total fall for the month was 7.08 inches at Montego Bay in the Northern Division, and the heaviest fall in 24 hours was 4.55 inches at Millbank in the North-Eastern Division on the 30th.

No rain fell at Trinity Ville, Yallahs, Mavis Bank, Waireka, Hartlands, Milk River and Alligator Pond.

The mean number of rainy days was 5, the average being 8. The greatest number was 11 at Friendship in the Northern Division and at Cambridge in the West-Central Division.

The total rainfall for the first quarter of the year is given below, and shews a deficiency of 5.31 inches as compared with the 60-year average.

	1932. Inches.	60-year average. Inches.
January	2.62	4.00
February	0.82	3.13
March	1.73	3.35
Total ..	5.17	10.48

The mean rainfall in each parish is given below:—

	Inches.		Inches.
Kingston ..	0.39	St. James ..	2.99
St. Andrew ..	0.67	Hanover ..	2.67
St. Thomas ..	0.72	Westmoreland	2.30
Portland ..	2.19	St. Elizabeth	2.05
St. Mary ..	1.54	Manchester ..	1.38
St. Ann ..	1.59	Clarendon	1.01
Trelawny ..	1.98	St. Catherine	1.24

City of Kingston.

The total rainfall for the month of March was only 0.22 inch, and the 59-year normal is 0.94 inch. There was only one rainy day as against the 49-year average of 4.4 days. The upper boundary of Kingston gauged 0.74 inch with only one rainy day. This small amount of rainfall occurred on the 6th.

The mean of the daily miles of wind registered was 196, and the 20-year normal 185, showing an excess of about 5%. The maximum number of miles of wind in one day was 331, on 22nd, and the minimum 125 on 2nd. South-easterly wind continued after 7 p.m. on 20 occasions, between the 3rd and 13th, 18th and 23rd and also 25th to 28th. There were "northers" on 14th and 15th recording 12 to 20 miles per hour, also moderate on 30th. South-easterly wind continued overnight on 6th and 17th.

Mean barometric pressure 29.926 ins. and the 33-year normal 29.965 ins. or 0.039 inch below normal. The lowest barometer reading was 29.771 ins. on 6th at 7 a.m., there was a gale reported as moving from east to west, having passed over the north coast of the Island on that date. The highest barometer reading was 30.035 ins. on 24th at 3 p.m. (correc. for diur. var.).

The mean daily temperature, based upon four observations per day, was 77.5 degs., the 33-year normal being 76.5 degs.: shewing 1.0 deg. above the normal, owing, no doubt, to rainfall deficiency. There were many clear days. The maximum temperature was above 90 degs. on one day, and the minimum temp. was above 70 degs. on 16 days. The highest maximum temp. was 91.5 degs. on 30th, and the lowest minimum 65.3 degs. on 1st. Lowest maximum 82.8 degs. on 7th after a rainy day, and the highest minimum 76.4 degs. on 18th. Greatest range of temperature 21.4 degs. on 30th, and the least 9.1 degs. on 18th.

The mean relative humidity was 73%—the precipitation being small—and the 33-year normal 77%. Mean 7 a.m. 80%, and mean 3 p.m. 61%. The lowest 7 a.m. 69% on 18th, and lowest 3 p.m. 43% on 14th.

The forenoon sky was overcast on 9 days, and the afternoon on 11 days. There was a perceptible haze throughout the earlier part of the month.

Total evaporation for the month 5.88 inches: the 9-year normal being 6.76 ins.

Mean daily number of sunshine hours 9.1.

There was a moderate shock of earthquake on 9th at 9.38 p.m., duration about 4 secs., direction NE-SW. Horizontal movement 0.01 inch.

Evaporation Tables.

Attached to this Weather Report, No. 661, is a Table (A), giving the results of the daily measurements of the amount of evaporation gauged during each month of the year 1931, in the City of Kingston. The Evaporimeter continued to be maintained in the same situation as in former years: from 1924 (vide W.R. No. 570). From an inspection of the 1931 Table it will be seen that the maximum evaporation occurred in the month of August, when a total of 8.32 inches was gauged, representing for the month a daily mean of 0.268 inch. Then, the minimum monthly evaporation appears in the month of November, when a total of only 2.95 inches was recorded, with a daily mean of 0.098 inch, or about one-third that of August.

The total evaporation for the year 1931 was 66.01 inches, which is 7.52 ins. below that of the 8-year normal of 73.53 ins. The general monthly mean for the year 1931 gives 5.50 ins., and the daily mean 0.181 inch, somewhat below that of the evaporation for the year 1930, owing, no doubt, to the greater rainfall in 1931. It may be noted that a rain-gauge, which is installed nearly alongside the Evaporimeter, registered for the corresponding year 36.63 inches, which is 0.55 of the total evaporation.

The greatest evaporation for one day was 0.42 inch on 7th April, The greatest daily evaporation for each month is indicated by bolder-faced type, in the respective columns of the Table.

Another Table (B) shewing the evaporation measured at Negril Point Light House, which was supplied by Mr. J. S. Brownhill, for the year 1931, is appended. From an inspection of this Table it will be seen that the monthly maximum evaporation of 9.17 inches occurred in March, giving for the month a daily mean of 0.296 inch. Then, the minimum evaporation shews in the month of October, with 5.03 ins., giving a daily mean of 0.162 inch, or about 55% that for March.

The total evaporation for the year 1931 was 79.75 ins., or 13.74 inches more that the Kingston Table total. The general monthly mean for the year was 6.65 ins., and the daily mean 0.219 inch. It may be stated that the rain-gauge positioned in the vicinity of the Evaporimeter gauged 45.44 ins. for this year.

It will be found that the maximum evaporation for one day, for each month, is similarly indicated by bolder-faced type in the respective columns of Table (B). The greatest evaporation for a single day for the year 1931 amounted to 0.40 inch on 31st March.

CAYMAN ISLANDS.

Government House, Georgetown, Grand Cayman.—Total rainfall for the month of March, 1932, was 0.96 inch. Greatest fall in 24 hours, 0.61 inch on 7th, with 5 rainy days.

J. F. BRENNAN,
Government Meteorologist.

Kingston,
April 18th, 1932.

TABLE (A)—YEAR 1931.

Daily Record of Evaporation in inches for the year 1931, at Kingston—Evaporimeter 6 inches above Ground and 102 feet above Sea Level 148½ East Street).

Date.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.13	0.10	0.25	0.27	0.26	0.28	0.22	0.18	0.20	0.15	0.13	0.08
2	0.16	0.15	0.19	0.27	0.32	0.21	0.26	0.27	0.11	0.15	0.12	0.05
3	0.14	0.15	0.11	0.34	0.26	0.18	0.25	0.29	0.18	0.03	0.11	0.23
4	0.18	0.15	0.20	0.42	0.40	0.14	0.18	0.29	0.03	0.05	0.14	0.13
5	0.18	0.19	0.13	0.18	0.37	0.24	0.26	0.30	0.12	0.05	0.07	0.15
6	0.18	0.15	0.19	0.32	0.33	0.29	0.22	0.28	0.20	0.08	0.00	0.12
7	0.18	0.19	0.17	0.15	0.41	0.08	0.15	0.31	0.15	0.22	0.08	0.16
8	0.06	0.14	0.27	0.20	0.33	0.25	0.18	0.38	0.18	0.07	0.10	0.10
9	0.18	0.13	0.06	0.16	0.35	0.27	0.08	0.26	0.03	0.15	0.09	0.12
10	0.06	0.16	0.21	0.13	0.30	0.24	0.09	0.34	0.26	0.07	0.10	0.12
11	0.06	0.19	0.24	0.13	0.38	0.20	0.01	0.29	0.13	0.15	0.10	0.10
12	0.17	0.13	0.03	0.12	0.38	0.28	0.29	0.24	0.11	0.13	0.14	0.12
13	0.16	0.10	0.14	0.32	0.40	0.28	0.30	0.08	0.12	0.22	0.09	0.16
14	0.18	0.15	0.20	0.22	0.36	0.25	0.05	0.28	0.13	0.18	0.12	0.12
15	0.16	0.22	0.19	0.29	0.28	0.34	0.29	0.29	0.13	0.15	0.18	0.10
16	0.15	0.13	0.18	0.25	0.28	0.34	0.18	0.06	0.20	0.06	0.16	0.09
17	0.15	0.14	0.18	0.37	0.15	0.27	0.25	0.30	0.18	0.22	0.07	0.13
18	0.18	0.15	0.17	0.30	0.38	0.18	0.21	0.26	0.12	0.12	0.09	0.13
19	0.23	0.19	0.10	0.25	0.28	0.30	0.23	0.32	0.08	0.01	0.09	0.12
20	0.22	0.11	0.21	0.24	0.40	0.16	0.29	0.29	0.06	0.02	0.10	0.12
21	0.10	0.19	0.23	0.28	0.14	0.25	0.27	0.30	0.07	0.11	0.10	0.10
22	0.15	0.14	0.16	0.40	0.29	0.19	0.06	0.26	0.09	0.09	0.13	0.09
23	0.07	0.26	0.27	0.32	0.20	0.16	0.31	0.37	0.10	0.14	0.08	0.15
24	0.06	0.14	0.12	0.40	0.07	0.20	0.28	0.29	0.10	0.02	0.04	0.10
26	0.07	0.17	0.27	0.22	0.08	0.26	0.08	0.23	0.11	0.10	0.15	0.16
27	0.10	0.20	0.18	0.34	0.18	0.17	0.06	0.18	0.15	0.18	0.06	0.09
27	0.13	0.15	0.19	0.32	0.11	0.17	0.26	0.26	0.16	0.07	0.08	0.15
28	0.07	0.17	0.28	0.39	0.14	0.13	0.17	0.38	0.22	0.14	0.11	0.14
29	0.06	..	0.22	0.32	0.02	0.06	0.20	0.19	0.17	0.15	0.04	0.07
30	0.11	..	0.28	0.27	0.18	0.02	0.22	0.27	0.11	0.13	0.08	0.13
31	0.14	..	0.17	..	0.17	..	0.26	0.28	..	0.11	..	0.13
Total ..	4.17	4.46	5.79	8.19	8.20	6.39	6.26	8.32	4.00	3.52	2.95	3.76
Means	0.135	0.154	0.187	0.273	0.265	0.213	0.202	0.268	0.133	0.114	0.098	0.121

Total Evaporation for year 1931, 66.01 inches.

TABLE (B)—Year 1931.

Daily Record of Evaporation, in inches, for the year 1931 at Negril Point—Evaporimeter four inches above ground, and 27 feet above Sea Level.

Date.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.06	0.23	0.22	0.30	0.27	0.24	0.14	0.23	0.30	0.21	0.25	0.19
2	0.16	0.20	0.29	0.24	0.31	0.18	0.24	0.25	0.22	0.09	0.24	0.14
3	0.14	0.25	0.31	0.27	0.27	0.20	0.18	0.12	0.30	0.19	0.17	0.20
4	0.14	0.43	0.28	0.28	0.27	0.20	0.23	0.21	0.27	0.19	0.16	0.19
5	0.22	**0.35**	0.32	0.24	0.17	0.21	0.22	0.13	0.25	0.11	0.08	0.17
6	0.21	0.34	0.25	0.21	0.28	0.15	0.15	0.19	0.27	**0.28**	0.06	0.15
7	0.18	0.33	0.34	0.21	**0.37**	0.22	0.19	0.24	0.22	0.05	0.14	0.19
8	0.19	0.24	0.28	**0.39**	0.26	0.25	0.14	0.19	0.24	0.18	0.23	0.16
9	0.20	0.22	0.25	0.34	0.30	0.26	0.22	0.20	0.22	0.22	0.27	0.15
10	0.20	0.25	0.29	0.14	0.24	0.23	0.14	0.23	0.19	0.21	0.22	0.20
11	0.14	0.23	0.31	0.15	0.28	0.14	0.10	0.23	0.29	0.14	0.27	0.20
12	0.20	0.24	0.27	0.04	0.28	0.18	0.22	0.29	0.31	0.27	0.29	0.23
13	0.21	0.14	0.21	0.22	0.32	0.24	0.17	0.19	0.17	0.18	**0.32**	0.19
14	0.24	0.20	0.27	0.27	0.23	**0.27**	0.25	0.19	0.29	0.18	0.22	0.18
15	0.27	0.20	0.25	0.28	0.29	0.20	0.24	0.28	0.24	0.08	0.22	0.11
16	0.29	0.26	0.26	0.28	0.15	0.22	0.28	0.24	**0.31**	0.13	0.08	0.17
17	0.19	0.22	0.22	0.38	0.21	0.16	0.18	0.27	0.07	0.21	0.18	0.21
18	0.23	0.22	0.38	0.32	0.28	0.21	0.19	0.21	0.14	0.04	0.15	0.16
19	0.15	0.17	0.33	0.34	0.28	0.19	0.18	0.26	0.19	0.10	0.23	0.17
20	0.23	0.20	0.39	0.27	0.19	0.22	0.29	0.20	0.08	0.16	0.25	0.15
21	0.22	0.24	0.25	0.30	0.23	0.25	0.22	0.24	0.17	0.15	0.21	0.20
22	0.23	0.25	0.29	0.38	0.17	0.17	0.10	0.22	0.19	0.08	0.13	0.22
23	0.25	0.27	0.33	0.38	0.10	0.19	0.23	0.32	0.19	0.15	0.20	0.19
24	0.12	0.27	0.32	0.33	0.15	0.13	0.21	0.29	0.24	0.17	0.20	0.18
25	0.05	0.21	0.29	0.27	0.22	0.19	0.18	0.22	0.16	0.19	0.25	0.24
26	0.22	0.30	0.30	0.26	0.19	0.15	0.19	0.21	0.22	0.16	0.20	0.15
27	**0.34**	0.22	0.26	0.32	0.14	0.13	0.26	0.29	0.30	0.13	0.18	**0.25**
28	0.23	0.28	0.36	0.31	0.13	0.12	0.27	0.29	0.12	0.20	0.22	0.14
29	0.21	..	0.36	0.30	0.15	0.14	0.18	0.23	0.14	0.19	0.15	0.20
30	0.15	..	0.29	0.22	0.14	0.11	0.21	0.29	0.20	0.24	0.20	**0.25**
31	0.19	..	**0.40**	..	0.18	..	..	**0.32**	..	0.15	..	0.22
Total ..	6.06	6.96	9.17	8.24	7.05	5.75	6.00	7.27	6.50	5.03	5.97	5.75
Means	0.195	0.249	0.296	0.275	0.227	0.192	0.200	0.235	0.217	0.162	0.199	0.185

Total Evaporation for year 1931, 79.75 inches.

No. 662.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

APRIL, 1932.

The Bar. pressures at all the Stations, except the Hill Gardens, are reduced to the standards of Kew. 32°. gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screens; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small four-cup instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus: the Middle clouds cumulus and the Upper clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

Stations.	Elevation.	Bar. Pressure 7 a.m.	Bar. Pressure 3 p.m.	Temperature 7 a.m.	Temperature 3 p.m.	Temperature Max.	Temperature Min.	Temperature Range.	Extreme Temperature Max.	Date.	Extreme Temperature Min.	Date.	Range.
	ft	ins.	ins.	°	°	°	°	°	°		°		°
Morant Point Light House	8	29.926	29.865	78.0	80.9	82.8	73.8	9.0	85.8	20	67.9	23	17.9
Kingston ..	24	29.898	29.854	74.8	83.0	86.0	72.0	14.0	88.8	14	68.6	3	20.2
Negril Point Light House	33	29.914	29.870	75.1	83.2	86.1	71.2	14.9	89.5	16	67.1	3	22.4
Castleton Gardens ..	496	..	..	69.8	79.5	85.1	68.8	16.3	89.0	11*	65.0	7	24.0
Hope Gardens† ..	668	29.952	29.872	70.9	80.9	84.8	68.7	16.1	88.0	15	66.0	7	22.0
Boon Hall ..	970	29.899	29.852	68.3	78.2	81.9	66.8	15.1	84.5	30	64.0	7	20.5
Hill Gardens ..	4,900	25.230	25.211	62.2	64.6	68.3	56.3	12.0	71.0	13*	55.0	4*	16.0

Stations.	Elevation.	Dewpoint and Humidity. 7 a.m.		3 p.m.		Rainfall.	Wind per diem.	Wind direction from and miles per hour. 7 a.m.		3 p.m.		Amount of Cloud. Lower, Middle and Upper. 7 a.m.			3 p.m.		
	ft.	°	%	°	%	ins.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	73	85	74	79	18.65	253	NE	12.5	ENE	11.0	3.4	2.2	1.4	2.3	3.1	1.7
Kingston	24	70	84	72	70	2.84	187	NE	6.2	SE	14.6	2.3	0.4	1.7	5.1	1.9	1.6
Negril Point Light House	33	71	85	73	72	5.65	213	ENE	7.8	E	10.9	2.4	1.4	4.9	3.3	3.4	1.6
Castleton Gardens	496	69	95	74	85	12.32	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	59	92	62	89	7.54	..	..	..	..	..	..	..	..	..	..	..
Boon Hall ..	970	66	92	69	75	11.79	..	NE	3.6	W	7.0	..	..	..	..	..	..
Hill Gardens	4,900	68	89	71	71	12.43	..	.	..	..	..	..	..	..	..	..	..

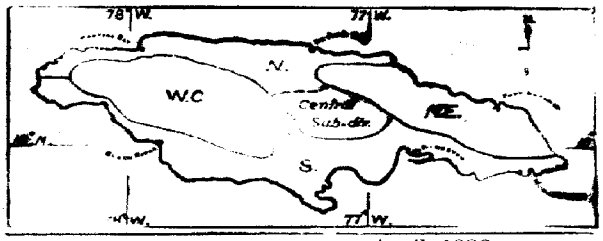
*And on other days. †Hope Gardens Bar read at 9 a.m. and 3 p.m.

THE RAINFALL.

THE first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press: the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1919." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-divisions; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North-Eastern and West-Central Divisions are the remaining parts of the Island bounded by the sea and the other Divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition, and of page 20 of 1923 Edition, an outline of which is given below.



STATIONS.	April, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
NORTH-EASTERN DIVISION. (N.E.)	Ins.	Ins.			Ins.
Manchioneal	24.46	9.28	25	18	6.64
Priestman's River	3.88	1.04	1	12	5.03
Bath	25.40	9.70	25	25	5.98
Barrett's Gap	31.87	10.12	25	25	..
Millbank	40.52	9.67	25	20	..
Moore Town	32.25	5.20	7	20	11.18
Port Antonio	21.00	3.35	23	19	6.55
Passley Garden	20.70	4.72	23	20	..
Fellowship	26.35	6.00	23	21	9.64
Johnson River Br.	14.80	6.70	25	14	4.08
Trinity Ville	9.90	4.50	25	7	..
Shrewsbury	39.43	9.12	7	23	9.98
Hope Bay	24.72	5.97	23	20	..
Cedar Valley	7.01	2.74	25	13	4.04
Moy Hall	5.27	1.45	25	15	3.89
Paradise	29.79	6.43	7	18	..
Lennox	24.31	4.75	7	15	..
Greenvale	23.09	5.50	9	17	10.16
Spring Garden	26.03	4.25	13	15	4.01
Hill Gardens	12.43	2.17	25	16	5.65
Buff Bay	26.03	4.60	7	19	6.23
Orange Vale	27.50	5.26	4	19	..
Belvedere, Portland	24.52	3.50	4	15	4.50
Windsor Castle, do.	26.27	5.60	13	17	5.51
Balcarres	11.39	3.65	4	11	..
Mt. Holstein	11.84	3.25	9	21	7.03
Cedar Hurst	10.63	1.95	2	22	..
Hardware Gap	11.17	2.30	2	20	6.40
Rose Hill	7.74	2.77	27	9	7.70
Hermitage	9.97	3.25	3	19	..
Mount James	11.92	2.37	30	20	..
Stony Hill Ind. Sch.	12.35	3.88	2	16	5.21
Boon Hall	11.79	4.47	2	19	..
Brandon Hill	8.62	1.90	2	17	..

STATIONS.	April, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
NORTH-EASTERN DIVISION, *contd.*	Ins.	Ins.			In.
Iter Boreale	19.75	4.80	13	20	..
Enfield	17.17	2.00	7	19	..
Agualta Vale	19.03	3.65	13	22	4.60
Castleton Gardens	12.32	3.80	29	15	6.64
Water Valley	14.69	3.88	16	16	4.88
Albany	15.09	3.28	14	16	4.66
Lawrence Tavern	10.60	3.62	2	13	4.74
Richmond, St. Mary	9.36	2.14	2	17	4.54
Quebec, St. Mary	13.59	3.52	13	18	3.70
Above Rocks	12.13	2.38	2	14	..
Glengoffe	14.92	3.23	2	11	..
Carew Castle	14.41	3.20	2	14	5.08
Hampstead, St. Mary	15.46	3.15	16	20	5.47
Windsor Castle do.	10.55	2.14	13	15	..
Troja	14.75	3.05	30	13	..
Pear Tree Grove	7.20	2.80	2	11	..
Guy's Hill	8.21	2.20	3	16	4.32
Lucky Hill	11.05	2.84	13	18	4.92
Rio Hoe	9.57	3.25	2	13	4.51
Unity Valley	12.63	3.67	2	17	4.90
Moneague	9.80	3.30	2	14	4.66
Claremont	5.34	3.51	2	13	4.17
Averham Park	7.95	2.92	2	17	4.57
Albion	12.21	4.31	2	17	4.47
NORTHERN DIVISION (N).					
Port Maria	13.87	2.55	27	19	4.00
Wentworth	10.38	2.20	27	19	..
Eden Park	10.18	1.85	1	13	..
Oracabessa	11.03	2.15	2	13	..
Huddersfield	8.21	1.50	3	7	..
Ocho Rios	7.50	3.52	13	19	3.36
Bogue, Ocho Rios	9.96	4.50	13	11	4.56
Drax Hall	16.08	6.67	13	14	3.67
Rockfield	8.43	2.65	4	10	5.02
Liberty Hill	11.12	2.25	25	14	4.02
St. Ann's Bay	15.14	5.08	13	15	3.70
Seville	..	..	..	..	3.30
Richmond Estate	12.20	4.18	13	12	3.58
Llandovery	15.45	7.00	12	9	3.45
Runaway Bay	7.88	4.50	13	8	1.03
Knapdale	12.00	4.59	13	14	
Alexandria	9.60	3.00	2	11	2.94
Bel-Air	9.65	4.80*	13	12	..
Brown's Town	8.60	4.62	13	17	3.62
Watt Town, St. Ann	8.45	3.14	2	12	3.02
Home Castle	7.10	3.00	13	11	3.22
Richmond Pen	6.25	1.15	29	10	3.56
Bryan Castle	8.60	..	..	12	2.23
Braco	10.75	3.80	13	13	2.09
Arcadia	9.85	3.76	13	11	2.56
Vale Royal	9.54	4.14	13	16	2.94
Harmony Hall	6.38	3.05	13	12	2.08
Colchis Pen	..	..	..		3.15
Duncans	7.36	2.46	13	12	..
Clark's Town	13.04	5.70	13	13	
Falmouth	6.02	2.45	11	10	2.06
Canaan	11.55	2.10	9	19	3.70

* Gauge overflowed.

Stations.	April, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
Northern Division, *contd.*	Ins.	Ins.			Ins.
Grange	4.40	1.50	22	6	..
Adelphi	8.30	2.35	11	15	..
Success	3.84	1.50	21	8	1.84
Rose Hall	5.17	2.70	21	8	1.78
Cinnamon Hill	4.59	2.05	21	8	1.83
Tryall	3.30	0.75	21	10	2.60
Running Gut	4.25	2.06	21	8	1.79
Spring Estate	3.50	0.95	2	10	1.67
Friendship	9.67	2.50	30	14	2.72
Retirement	9.31	2.64	9	12	4.29
Montego Bay	8.55	2.55	2	13	3.02
Anchovy	2.57	0.71	1	16	3.34
Bamboo-Hanover	4.59	1.35	2	14	..
Blue Hole	5.07	1.51	1	11	3.55
Kew	4.40	1.65	1	8	3.88
Lucea	4.19	1.32	1	9	3.53
Haughton Court	5.04	1.35	1	9	3.33
Cousins Cove	5.46	2.22	1	13	..
Green Island	6.53	3.76	1	14	4.79
Haughton Hall	6.38	2.10	1	17	..
Central Sub-Division.					
Knollis	9.24	2.50	13	14	..
Highgate	7.16	1.74	2	18	..
Rio Magno	10.87	3.97	29	13	..
Riversdale	13.64	3.10	2	13	..
Headworks, R.C.C.	9.16	2.54	22	15	3.46
Bog Walk	6.13	1.95	2	12	..
Linstead	11.85	2.42	13	14	4.46
Ewarton	9.39	3.08	13	11	..
Cave Valley	10.07	2.06	23	10	4.63
Guanaboa Vale	11.69	2.60	25	18	..
Point Hill	7.18	1.28	25	10	5.52
Brown's Hall	9.00	3.36	3	13	4.17
Bellas Gate	6.02	2.20	25	8	2.39
Rock River	7.10	1.58	25	10	..
Crofts Hill	13.36	2.14	12	16	3.73
Far Enough	13.33	2.30	13	16	..
Suttons	10.33	2.18	25	15	..
Colonel's Ridge	14.07	3.10	13	15	..
Chapelton	11.33	2.12	13	15	3.73
Crooked River	13.81	2.35	22	16	..
James Hill	12.79	1.36	8	18	..
Frankfield	10.61	1.50	22	19	3.44
West-Central Division (W.C.)					
Mocho, Clarendon	8.80	2.75	25	10	4.76
Clarendon Park	11.18	2.42	26	13	..
Borobridge	16.14	3.15	17	19	..
Spaldings	13.72	2.06	6	19	3.43
Williamsfield	8.50	2.45	26	21	..
Brokenhurst	12.50	3.83	26	14	5.31
Shooters Hill	11.50	3.07	25	16	4.17
Lowe River	18.26	3.26	4	16	7.62
Christiana	9.58	1.92	1	20	6.64
Clifton Hill	19.91	5.35	26	14	4.45
Kendal, Manchester	14.61	3.25	25	19	6.06
Mereworth	15.29	5.00	26	19	..
Mandeville	16.64	3.62	26	21	5.60
Ulster Spring	10.42	2.25	1	16	6.85

Stations.	April, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
West-Central Division, *contd.*	Ins.	Ins.			Ins.
Marshall's Pen	20.06	2.90	26	17	6.25
Greenvale	5.99	1.00	25	15	..
Albert Town	9.78	4.86	1	12	6.62
Craig Head	10.51	4.83	1	8	..
Warsop	11.00	3.21	1	19	..
Troy	12.44	2.80	1	12	8.28
Wallingford	19.39	6.60	1	17	8.41
Balaclava	9.74	1.64	1	11	9.03
Wakefield	11.93	2.24	11	13	..
Maggotty	22.49	4.04	2	17	9.83
Lacovia	12.90	2.11	2	18	..
Ipswich	24.46	5.39	2	18	..
Kempshot	14.84	4.62	9	13	4.90
Garlands	16.32	3.17	8	16	..
Mocho, St. James	14.08	2.35	1	14	..
Bandon Pen	..	..	..	..	..
Catadupa	14.20	3.90	1	17	7.63
Cambridge, St. Jas.	12.96	2.10	10	15	7.13
New Market	20.39	3.25	2	21	10.00
Kew Park	12.29	2.59	9	17	7.99
Montpelier	11.14	3.10	9	11	4.04
The Bog	20.23	2.44	4	19	10.35
Bethel Town Dist.	14.94	3.04	1	22	8.81
Burnt Ground	..	..	..	..	5.75
Haughton Grove	17.51	4.34	9	15	7.01
Darliston	24.81	4.00	1	19	10.92
Bluefields	12.16	2.90	5	14	8.08
Whithorn	11.79	3.53	1	15	7.13
Water Works Pen	13.13	3.75	1	14	7.43
Askenish	9.00	3.00	1	12	6.96
Grange Hill	16.91	2.97	1	20	7.01
King's Vale	8.55	2.86	1	15	5.64
Southern Division (S.)					
Morant Point L.H.	18.65	7.67	25	18	3.19
Golden Grove	20.20	9.05	25	18	..
Pleasant Hill	16.34	3.73	25	22	2.19
Bowden	..	..	..	..	..
East Prospect	18.10	8.20	25	15	4.23
Morant Bay	13.59	6.88	25	13	2.84
Aeolus Valley	12.55	5.55	25	9	..
Yallahs	6.91	3.39	25	8	..
Easington	5.53	2.08	25	7	2.00
Mavis Bank	4.87	1.00	25	8	..
Bull Bay	1.94	0.78	25	6	0.93
Dallas Castle	4.80	1.38	4	18	..
Gordon Town	12.64	1.92	8	18	3.26
Irish Town	10.24	1.50	3	16	4.06
Hope Gardens	7.54	1.21	2	17	2.95
Waireka	4.55	1.00	24	13	..
Ivor	..	..	..	..	..
Barbican	6.32	1.64	2	14	..
Plumb Point L. H.	2.97	1.20	2	10	1.15
King's House Gar.	5.72	1.40	2	14	2.43
Upper Kingston	2.58	0.65	1	11	0.94
Kingston P.W.O.	2.84	0.96	2	12	1.17
Halfway Tree	4.05	0.60	2	16	1.86
Clifton Pen	3.36	1.02	14	10	1.74
Red Hills	9.45	2.76	2	16	..

Stations.	April, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
Southern Division, *contd.*	Ins.	Ins.			Ins.
Quarantine Station ..	3.49	1.00	3	11	1.36
Hematine ..	7.50	2.30	22	13	2.49
Spanish Town ..	7.02	2.29	2	11	2.36
The Stewartry ..	9.74	2.51	22	14	..
Hog Hole, St. Cath.	12.98	3.21	22	16	2.94
Hartlands ..	16.47	2.90	26	12	2.97
Old Harbour ..	18.64	3.82	27	13	2.81
May Pen ..	10.70	2.67	25	11	3.00
Glen Muir ..	10.00	2.40	24	9	..
Cottage ..	8.59	2.00	26	10	..
Belle Plain ..	11.77	2.30	25	18	..
Milk River ..	12.05	3.60	16	10	2.22
Retrieve ..	13.58	4.20	26	11	2.59
Hog Hole, S. Man. ..	14.86	5.40	26	13	3.75
Stone's Hope ..	14.50	5.20	26	16	4.13
Newport, Man. ..	11.96	3.60	26	19	4.77

Stations.	April, 1932. Total Fall.	Greatest fall in 24 hours. Amount	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
Southern Division, *contd.*	Ins.	Ins.			Ins.
Great Valley, Man.	13.36	5.00	26	11	3.82
Alligator Pond ..	9.56	3.70	26	10	2.97
Fairfield ..	13.04	4.00	6	21	5.39
Lititz ..	10.58	3.00	6	10	4.28
Myersville ..	9.33	1.70	4	13	..
Gilnock ..	13.96	2.72	6	15	..
Southfield, St. Eliz.	10.19	5.30	26	10	3.60
Windsor, St. Eliz. ..	9.98	2.21	4	19	..
Torrington ..	9.93	2.75	26	11	4.86
Unity ..	10.61	1.90	21	13	..
Santa Cruz ..	12.87	1.61	7	17	8.81
Pedro Plains ..	6.85	3.50	26	9	2.64
Mountainside ..	3.59	0.88	4	11	5.20
Fort Charles ..	6.29	2.03	26	10	..
Black River ..	5.61	0.93	26	14	3.98
Font Hill ..	11.00	1.55	16	16	4.45
Mount Edgecombe ..	9.25	2.32	4	17	5.32
Sweet River ..	9.18	2.63	4	16	5.63
Sav.-la-Mar ..	7.34	2.45	4	15	4.79
Little London ..	4.41	0.96	5	12	4.88
Retreat ..	6.94	1.70	2	10	4.91
Negril Point L.H. ..	5.65	1.94	2	16	2.92

Notes.

Comparative Table of Rainfall and Rainy Days.

Divisional and Island Rainfall.	April. Rainfall. 1932.	April. Rainfall. Ave.	April. Rainy Days. 1932.	April. Rainy Days. Ave.
	Ins.	Ins.		
North-Eastern ..	15.75	5.80	17	10
Northern ..	8.45	3.17	13	6
West-Central ..	14.52	6.82	16	11
Southern ..	9.49	3.28	13	7
The Island means ..	12.05	4.77	15	9

Shocks of Earthquake in April, 1932.

Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
			None reported.

N.B. It is particularly requested to send all Rainfall Postcards in not later than the 5th of each month.

THE ISLAND—April.

The mean rainfall for the Island was much above the average in all Divisions.

The heaviest precipitation appears to have occurred on the 1st, 2nd, 13th, 25th and 26th, but the rainfall, generally, was well distributed. The mean number of rainy days was 15, compared with the average of 9: The greatest number being 25 at Bath and at Barnett's Gap, in the North-Eastern Division.

The greatest total fall for the month was 40.52 inches at Millbank in the North Eastern Division and the heaviest fall in 24 hours was 10.12 inches at Barrett's Gap in the same Division on the 25th.

The mean rainfall in each parish is given below:—

	Inches.		Inches.
Kingston	2.80	St. James ..	8.55
St. Andrew	8.38	Hanover ..	6.82
St. Thomas	14.73	Westmoreland ..	11.84
Portland	23.74	St. Elizabeth ..	12.12
St. Mary	13.23	Manchester ..	13.26
St. Ann	10.13	Clarendon ..	11.59
Trelawny	10.38	St. Catherine ..	10.28

City of Kingston.

The total rainfall for the month of April was 2.84 inches; the 59-year normal being 1.17 inch, or, nearly 2½ times the normal. There were 12 rainy days; the 49-year normal being 5.3. The upper boundary of Kingston gauged 2.58 ins. with 11 rainy days.

The mean of the daily miles of wind registered was 187, and the 20-year normal 186. The maximum number of miles of wind in one day was 358 on 19th, and the minimum 93 on 3rd. South-easterly wind prevailed early on two occasions, and continued until after 7 p.m. on 9 days, and continued throughout the nights of 18th, 19th and 20th. South-east squall on 29th, blowing at 35 miles per hour for a short interval.

Mean barometric pressure 29.884 ins.; the 33-year normal being 29.941 ins., shewing 0.057 inch below the normal; owing no doubt to the excessive rainfall throughout the Island. The highest barometer reading was 29.972 ins. on 5th, at 3 p.m., and the lowest 29.783 ins. on 22nd at 7 a.m. (correc. for diur. var.).

The mean daily temperature, based upon four observations per day was 78.4 degs., which is 0.2 deg. above the 33-year average, of 78.2 degs. The maximum temp. was below 90 degs. throughout the month, and the minimum was below 70 degs. on six days. Highest maximum temp. was 88.8 degs. on 14th, and the lowest minimum was 68.6 degs. on 3rd. The lowest maximum was 82.2 degs. on 27th, owing to rain and overcast conditions, and the highest minimum was 74.8 degs. on 1st. The greatest range of temperature was 17.8 degs. on 8th, and the least range 8.1 degs. on 27th.

The mean relative humidity was 81%, and the 33-year average 78%; this 3% excess may be attributed to the excess of rainfall. The mean 7 a.m. was 84%, and the 3 p.m. 70%. Lowest 7 a.m. 72% on 20th, and the lowest 3 p.m. 58% on 18th.

Rain observed on hills to northward on nine days, to northeast on five days, to south-west one day and north-west on one day. Distant lightning at night to NE on 25th and 26th. Distant thunderstorm to northward on 25th, 28th, 29th and 30th. To westward on 25th, and to NW on 22nd and 27th.

The sky was overcast in the early morning on 12 occasions, and in the afternoon on 25 occasions.

The total evaporation for April 5.84 inches, and the 9-year average shews 7.77 ins. This deficiency upon the normal was in consequence of the heavy rainfall and large number of rainy days.

Mean daily sunshine hours 6.7.

A complete solar ralo was visible from 11 a.m. to noon on 29th.

Cayman Islands.

Government House, Georgetown, Grand Cayman.—Total rainfall for the month of April 2.44 ins.; greatest fall in 24 hours 1.03 inch on 20th, with 5 rainy days.

Corrigendum.

W.R. 661. March, 1932—P. 2. Boon Hall. Total Fall for 1.00. Read 1.62.

J. F. Brennan,
Government Meteorologist.

Kingston, May 20th, 1932.

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No. 663.

JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

MAY, 1932.

The Bar. pressures at all the Stations, except the Hill Gardens, are reduced to the standards of Kew, 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screens; their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small four-cup instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus: the Middle clouds cumulus and the Upper clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

Stations.	Elevation.	Bar. Pressure. 7 a.m.	Bar. Pressure. 3 p.m.	Temperature. 7 a.m.	Temperature. 3 p.m.	Temperature. Max.	Temperature. Min.	Temperature. Range.	Extreme Temperature. Max.	Date.	Min.	Date.	Range.
	ft.	ins.	ins.	°	°	°	°	°	°		°		°
Morant Point Light House	8	29.933	29.902	79.6	82.5	84.1	76.2	7.9	86.5	21*	71.4	6	15.1
Kingston ..	24	29.900	29.856	76.7	84.9	87.2	72.0	15.2	91.2	24	67.9	11	23.3
Negril Point Light House	33	29.917	29.881	76.9	83.5	86.2	71.9	14.3	89.5	27	63.9	10	25.6
Castleton Gardens ..	496	..	..	69.6	80.3	85.5	68.6	16.9	92.0	25*	60.0	11	32.0
Hope Gardens† ..	668	29.895	29.874	72.3	81.9	84.9	69.2	15.7	91.0	25	65.0	11*	26.0
Boon Hall ..	970	29.902	29.337	62.9	79.6	82.8	67.4	15.4	88.0	25	58.0	11	30.0
Hill Gardens ..	4,900	25.252	25.225	62.4	64.5	68.8	56.8	12.0	71.0	19*	55.0	11*	16.0

Stations.	Elevation.	Dewpoint and Humidity. 7 a.m.		3 p.m.		Rainfall.	Wind per diem.	Wind direction from and miles per hour. 7 a.m.		3 p.m.		Amount of Cloud. Lower, Middle and Upper. 7 a.m.			3 p.m.		
	ft.	°	%	°	%	ins.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	75	84	75	77	9.33	291	NNE	13.0	NNE	11.0	1.7	3.0	1.5	1.6	2.4	2.2
Kingston	24	70	79	73	67	2.91	202	NNE	5.5	SE	15.5	2.1	1.0	1.4	3.3	1.7	1.0
Negril Point Light House	33	71	83	74	72	6.80	204	ENE	7.0	Var.	11.2	1.3	0.9	6.2	2.3	4.8	1.1
Castleton Gardens	496	69	95	75	84	19.10	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	67	86	71	70	6.49	..	..	..	..	..	..	..	..	..	..	..
Boon Hall ..	970	67	94	70	75	7.73	..	NNE	3.0	WNW	7.5	..	..	..	..	..	..
Hill Gardens	4,900	59	91	61	89	5.79	..	..	..	..	..	..	..	..	..	..	..

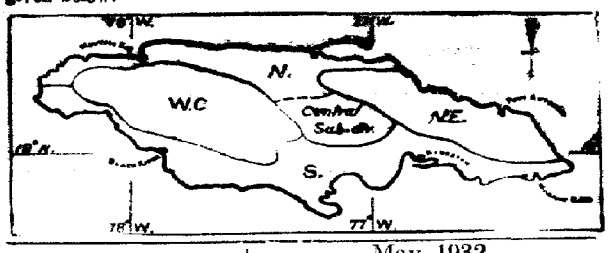
*And on other days. †Hope Gardens Bar read at 9 a.m. and 3 p.m.

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1919." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-divisions; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North-Eastern and West-Central Divisions are the remaining parts of the Island bounded by the sea and the other Divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition, and of page 20 of 1923 Edition, an outline of which is given below.



STATIONS.	May, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
NORTH-EASTERN DIVISION. (N.E.)	Ins.	Ins.			Ins.
Manchioneal	19.32	4.91	5	17	12.66
Priestman's River	15.12	3.20	16	10	10.55
Bath	18.41	4.11	17	23	12.33
Barrett's Gap	15.12	2.82	4	26	..
Millbank	29.15	6.44	17	20	..
Moore Town	33.06	10.52	17	18	16.68
Port Antonio	37.64	11.85	17	20	13.73
Passley Garden	34.79	12.33	17	24	..
Fellowship	31.33	8.79	17	17	16.19
Johnson River Br.	12.35	5.83	17	15	9.56
Trinity Ville	4.34	1.40	6	5	..
Shrewsbury	20.86	6.17	5	15	13.52
Hope Bay	17.57	6.08	5	17	..
Cedar Valley	11.35	4.80	17	23	9.10
Moy Hall	7.75	1.60	17	15	9.25
Paradise	16.01	5.12	5	12	..
Lennox	..	..	..	..	..
Greenvale	20.11	4.69	5	9	9.27
Spring Garden	9.40	3.00	5	9	6.05
Hill Gardens	5.85	1.30	4	12	9.77
Buff Bay	8.28	2.72	5	9	7.97
Orange Vale	18.13	4.62	5	13	..
Belvedere, Portland	10.26	3.48	5	7	6.08
Windsor Castle, do.	7.59	2.00	6	9	5.86
Balcarres	18.15	3.80	5	11	..
Mt. Holstein	14.26	3.02	5	19	10.07
Cedar Hurst	8.58	1.76	6	17	..
Hardware Gap	9.90	1.50	1	15	11.24
Rose Hill	8.85	1.66	1	15	12.52
Hermitage	8.31	1.20	2	15	..
Mount James	8.80	1.38	5	18	..
Stony Hill Ind. Sch.	8.77	1.25	2	16	9.29
Boon Hall	7.73	1.23	29	19	..
Brandon Hill	9.72	2.05	1	17	

STATIONS.	May, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
NORTH-EASTERN DIVISION, *contd.*	Ins.	Ins.			In.
Iter Boreale	6.72	1.94	5	13	..
Enfield	13.71	4.20	5	13	..
Agualta Vale	7.79	2.57	5	14	5.76
Castleton Gardens	19.10	2.58	22	17	11.65
Water Valley	7.49	2.59	5	9	7.06
Albany	7.28	3.06	6	11	6.92
Lawrence Tavern	7.56	1.43	1	15	9.18
Richmond, St. Mary	9.67	2.12	5	13	7.54
Quebec, St. Mary	8.42	3.00	4	7	6.45
Above Rocks	15.50	2.93	17	14	..
Glengoffe	10.39	3.12	17	11	..
Carew Castle	13.78	4.10	18	12	9.78
Hampstead, St. Mary	8.03	2.65	5	13	7.33
Windsor Castle do.	9.07	1.70	4	13	..
Troja	20.10	2.25	6	15	..
Pear Tree Grove	11.54	1.54	22	14	..
Guy's Hill	14.22	3.10	17	13	7.46
Lucky Hill	10.47	3.33	5	14	8.48
Rio Hoe	10.91	1.95	4	13	8.12
Unity Valley	16.83	2.36	1	17	9.79
Moneague	12.78	1.80	15	14	8.76
Claremont	8.64	1.77	5	10	7.08
Averham Park	8.19	2.81	5	14	7.26
Albion	11.84	2.32	29	16	8.30
NORTHERN DIVISION (N).					
Port Maria	6.75	2.75	4	9	6.31
Wentworth	6.41	2.85	4	9	..
Eden Park	8.04	2.82	4	6	..
Oracabessa	9.20	4.15	4	6	..
Huddersfield	12.37	6.50	4	4	..
Ocho Rios	16.66	6.15	5	12	5.22
Bogue, Ocho Rios	15.76	7.55	5	10	5.54
Drax Hall	12.48	3.85	5	10	6.67
Rockfield	9.17	5.50	6	7	5.94
Liberty Hill	10.88	3.65	5	9	4.72
St. Ann's Bay	13.90	4.31	5	9	5.30
Seville	12.61	4.35	6	7	6.08
Richmond Estate	8.00	2.95	4	11	6.14
Llandovery	9.06	4.20	5	8	6.08
Runaway Bay	4.69	1.90	5	7	2.23
Knapdale	11.83	4.11	5	11	..
Alexandria	6.54	1.60	17	11	7.29
Bel-Air	5.60	2.60	5	8	..
Brown's Town	11.69	3.46	5	14	8.61
Watt Town, St. Ann	8.05	2.44	4	9	8.24
Home Castle	12.10	4.10	5	11	5.60
Richmond Pen	6.50	1.05	2	14	7.30
Bryan Castle	10.40	..	..	12	4.98
Braco	..	..	..	..	4.30
Arcadia	9.94	3.69	5	13	4.89
Vale Royal	8.35	2.77	29	13	5.82
Harmony Hall	10.31	4.00	5	10	4.49
Colchis Pen	..	..	..	..	6.54
Duncans	8.62	3.68	5	7	..
Clark's Town	11.57	5.30	29	9	..
Falmouth	3.77	2.12	5	5	4.48
Canaan	9.98	1.78	30	19	7.73

Stations.	May, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	Ins.	Ins.			Ins.
Northern Division, *contd.*					
Grange	5.90	1.80	5	8	..
Adelphi	8.44	2.15	30	14	..
Success	5.51	1.15	4	11	4.25
Rose Hall	6.67	1.95	5	11	4.24
Cinnamon Hill	6.27	1.80	5	11	4.78
Tryall	5.80	1.20	4	11	6.05
Running Gut	6.85	2.02	4	11	4.74
Spring Estate	5.85	1.55	4	11	4.28
Friendship	6.94	1.45	4	17	7.85
Retirement	8.18	1.90	30	14	8.50
Montego Bay	10.17	2.31	30	13	7.12
Anchovy	2.97	0.46	17	15	8.00
Bamboo-Hanover	11.19	1.79	1	20	..
Blue Hole	9.83	4.56	4	15	12.10
Kew	8.60	2.20	4	14	11.28
Lucea	8.22	2.13	18	18	8.53
Haughton Court	8.31	2.70	18	14	8.89
Cousins Cove	10.45	2.73	30	15	..
Green Island	9.35	2.18	4	17	9.84
Haughton Hall	7.29	2.10	1	18	..
Central Sub-Division.					
Knollis	7.75	1.82	1	11	..
Highgate	8.02	1.81	15	14	..
Rio Magno	11.59	2.34	22	13	..
Riversdale	15.36	2.80	17	14	..
Headworks, R.C.C.	5.22	1.87	4	7	7.31
Bog Walk	7.92	1.35	4	11	..
Linstead	12.33	1.75	1	14	9.69
Ewarton	12.58	3.78	1	14	..
Cave Valley	7.68	2.12	5	6	9.10
Guanaboa Vale	5.34	1.88	4	8	..
Point Hill	8.22	2.65	4	16	11.11
Brown's Hall	5.98	3.43	4	9	8.38
Bellas Gate	6.48	2.45	4	9	5.57
Rock River	5.51	1.56	4	12	..
Crofts Hill	10.76	1.75	15	13	7.16
Far Enough	11.56	2.45	15	14	..
Suttons	6.38	1.70	17	13	..
Colonel's Ridge	7.90	1.81	17	10	..
Chapelton	11.40	2.75	17	10	8.55
Crooked River	11.66	2.77	17	11	..
James Hill	8.76	2.00	17	10	..
Frankfield	9.01	1.48	17	16	7.52
West-Central Division (W.C.)					
Mocho, Clarendon	8.38	1.95	5	11	9.71
Clarendon Park	5.90	1.26	4	11	..
Borobridge	8.87	2.42	5	10	..
Spaldings	7.01	1.72	17	14	7.74
Williamsfield	11.93	3.04	17	14	..
Brokenhurst	15.68	5.25	17	13	9.59
Shooters Hill	11.10	2.75	17	12	7.34
Lowe River	7.68	2.32	1	9	11.38
Christiana	7.42	1.25	4	17	10.69
Clifton Hill	11.84	3.70	17	12	6.67
Kendal, Manchester	11.99	5.00	17	14	9.83
Mereworth	16.13	5.38	17	14	..
Mandeville	14.78	3.21	17	13	9.93
Ulster Spring	4.96	0.90	5	14	11.90

Stations.	May, 1932. Total Fall.	Greatest fall in 24 honrs. Amount.	Greatest fall in 24 honrs. Date.	Days on which 0.01 or more fell.	Average.
	Ins.	Ins.			Ins.
West-Central Division, *contd.*					
Marshall's Pen	11.58	2.54	17	12	9.66
Greenvale	3.73	0.90	4	8	..
Albert Town	6.75	1.20	26	13	10.58
Craig Head	8.13	2.97	1	7	..
Warsop	8.24	1.61	1	14	..
Troy	7.43	1.80	1	10	14.60
Wallingford	9.34	4.78	1	12	11.80
Balaclava	7.13	1.63	1	7	12.13
Wakefield	..	..	..	..	..
Maggotty	9.17	2.05	29	13	13.21
Lacovia	9.86	2.87	4	10	..
Ipswich	15.04	2.78	2	15	..
Kempshot	4.60	0.77	29	15	10.10
Garlands	11.37	2.08	17	15	..
Mocho, St. James	12.72	2.11	1	15	..
Bandon Pen	..	..	..	..	..
Catadupa	12.41	2.15	17	17	15.76
Cambridge, St. Jas.	10.81	2.24	17	19	13.30
New Market	17.76	3.57	1	13	12.50
Kew Park	..	..	..	..	12.97
Montpelier	10.07	2.20	17	11	10.59
The Bog	12.93	2.12	17	15	14.15
Bethel Town Dist.	12.95	3.70	17	20	16.95
Burnt Ground	23.73	3.33	1	14	13.74
Haughton Grove	12.17	2.45	17	18	13.98
Darliston	20.42	2.70	3	17	16.30
Bluefields	7.17	2.02	15	16	11.86
Whithorn	14.74	2.63	15	14	13.29
Water Works Pen	11.39	2.22	1	17	11.86
Askenish	..	..	..	..	12.65
Grange Hill	12.75	3.77	29	18	13.44
King's Vale	7.42	1.52	1	17	11.38
Southern Division (S.)					
Morant Point L.H.	9.33	1.42	30	23	8.68
Golden Grove	11.96	2.05	4	16	..
Pleasant Hill	14.15	1.95	4	10	7.09
Bowden	..	..	..	..	..
East Prospect	12.63	3.81	17	19	8.88
Morant Bay	14.20	3.15	17	19	7.31
Aeolus Valley	7.50	3.00	17	13	..
Yallahs	5.83	2.53	17	10	..
Easington	5.45	1.95	17	11	6.26
Mavis Bank	4.44	1.00	4	8	..
Bull Bay	3.29	1.20	17	9	3.87
Dallas Castle	7.13	2.31	3	14	..
Gordon Town	4.64	1.12	4	14	7.13
Irish Town	6.23	0.78	5	11	6.56
Hope Gardens	6.49	1.54	17	13	6.23
Waireka	3.88	0.93	4	8	..
Ivor	..	..	..	..	..
Barbican	5.04	1.35	4	14	..
Plumb Point L. H.	2.14	0.61	17	9	4.57
King's House Gar.	3.97	1.53	4	10	5.84
Upper Kingston	3.87	1.89	4	12	2.44
Kingston P.W.O.	2.91	0.89	4	12	4.01
Halfway Tree	3.20	0.95	4	12	4.63
Clifton Pen	4.34	1.42	3	9	3.94
Red Hills	..	..	..	..	..

Stations.	May, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
Southern Division, *contd.*	Ins.	Ins.			Ins.
Quarantine Station ..	1.36	0.25	7	7	3.33
Hematine ..	3.13	0.65	2	10	6.19
Spanish Town ..	3.26	0.80	4	9	5.82
The Stewartry ..	4.42	2.78	4	9	..
Hog Hole, St. Cath.	5.14	2.76	4	11	6.65
Hartlands ..	5.61	1.90	17	8	5.25
Old Harbour ..	8.00	2.15	4	10	5.85
May Pen ..	6.61	2.24	17	10	6.44
Glen Muir ..	5.00	2.50	4	5	..
Cottage ..	5.63	1.80	15	10	..
Belle Plain ..	8.17	3.51	4	11	..
Milk River ..	7.41	2.92	15	8	5.60
Retrieve ..	5.96	1.50	15	9	4.77
Hog Hole, S. Man. ..	9.37	1.70	15	9	6.82
Stone's Hope ..	13.53	3.59	17	14	8.51
Newport, Man. ..	11.64	3.80	17	16	8.02

Stations.	May, 1932. Total Fall.	Greatest fall in 24 hours. Amount	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
Southern Division, *contd.*	Ins.	Ins.			Ins.
Great Valley, Man.	7.79	2.00	17	13	6.42
Alligator Pond ..	3.54	1.25	15	11	5.15
Fairfield ..	6.40	1.32	4	16	7.55
Lititz ..	5.95	1.58	4	12	4.98
Myersville ..	10.25	1.90	2	15	..
Gilnock ..	7.01	1.50	2	12	..
Southfield, St. Eliz.	5.63	1.25	17	12	5.88
Windsor, St. Eliz. ..	5.12	2.52	4	11	..
Torrington ..	5.22	1.50	17	9	6.26
Unity ..	5.40	1.50	4	6	..
Santa Cruz ..	8.51	1.80	29	11	11.02
Pedro Plains ..	3.92	1.35	15	9	3.48
Mountainside ..	2.72	0.80	3	10	3.73
Fort Charles ..	3.01	0.50	31	9	..
Black River ..	8.17	2.66	4	13	6.57
Font Hill ..	4.70	1.70	4	12	7.40
Mount Edgecombe ..	6.63	2.10	15	12	8.37
Sweet River ..	8.84	1.65	1	17	9.88
Sav.-la-Mar ..	7.23	2.07	27	9	8.60
Little London ..	13.80	3.08	1	13	9.89
Retreat ..	10.26	2.83	1	13	9.03
Negril Point L.H. ..	6.80	2.50	1	15	6.25

Notes.

Comparative Table of Rainfall and Rainy Days.

Divisional and Island Rainfall.	May. Rainfall. 1932.	May. Rainfall. Ave.	May. Rainy Days. 1932.	May. Rainy Days. Ave.
	Ins.	Ins.		
North-Eastern. ..	13.20	9.76	14	13
Northern. ..	8.79	5.89	11	10
West-Central ..	11.10	12.06	14	15
Southern ..	6.71	6.38	12	10
The Island means ..	9.95	8.52	13	12

Shocks of Earthquake in May, 1932.

Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
			None reported.

N.B. It is particularly requested to send all Rainfall Postcards in not later than the 6th of each month.

The Island—MAY.

The mean rainfall for the Island exceeded the average in all Divisions except the West-Central.

The greatest precipitation occurred in the early part of the month, particularly on the 4th and 5th and again on the 17th.

The rainfall generally was well distributed, the mean number of rainy days being 13, one more than the average. The greatest number was 26 at Barrett's Gap in the North-Eastern Division.

The greatest total fall for the month was 37.64 inches at Port Antonio in the North-Eastern Division, and the heaviest fall in 24 hours was 12.33 inches at Passley Garden in the same Division on the 17th.

The mean rainfall in each Parish is given below:—

	Inches.		Inches.
Kingston	2.97	St. James	8.38
St. Andrew	6.84	Hanover	11.17
St. Thomas	10.74	Westmoreland ..	10.95
Portland	19.45	St. Elizabeth	7.60
St. Mary	9.41	Manchester	10.26
St. Ann	10.52	Clarendon	8.11
Trelawny	8.17	St. Catherine ..	8.79

City of Kingston.

The total rainfall for the month of May was 2.91 inches, the 50-year normal being 4.02 ins. There were 12 rainy days, as against the 49-year average of 7.4 days. Greatest rainfall in 24 hours 0.89 inch on 3rd. The upper boundary of Kingston gauged 3.87 ins. with 12 rainy days. Distant rain was observed to northward on 5 days. To NE on 2 days and to NW on one day.

The mean of the daily miles of wind registered was 202, and the 20-year normal 208 miles, The maximum number of miles of wind in one day was 302 on 19th, and minimum 114 on 5th and 10th. South-easterly wind early on 3 occasions and continued until after 7 p.m. on 17 occasions. There was a moderate SE rainsquall on 3rd.

Mean barometric pressure 29.883 ins., and the 33-year normal 29.910 ins. (or 0.027 in. below normal). The lowest barometer reading was 29.716 ins. on 6th at 8 a.m. at the time of a slight weather disturbance reported to the SE of Jamaica. The highest 29.961 ins. on 13th at 7 a.m., corrected for diurnal variation.

The mean daily temperature, based upon four observations per day, was 79.7 degs., which corresponds with the 33-year normal. The maximum temperature was above 90 degs. on 4 days, and below 70 degs. on 5 days. Highest maximum temp. 91.2 degs. on 24th and lowest minimum 67.9 degs. on 11th. Then, the lowest max. was 78.0 degs. on 31st, on a rainy day. The highest min. 75.1 degs. on 30th. The greatest range of temperature 19.6 degs. on 11th and 15th, and the least range 5.9 degs. on 31st.

The mean relative humidity was 77%, and the 33-year normal 79%, Mean 7 a.m. 79%, and mean 3 p.m. 67%. The lowest 7 a.m. 66% on 11th, and the lowest 3 p.m. 50% on 9th.

The forenoon sky was overcast on 12 days, and the afternoon on 15 days.

Distant lightning at nights on a few occasions. Thunderstorm to northward on 1st, 2nd, 4th, 6th and 17th. To NE on 3rd and 4th. To SE on 18th and to NW on 29th. Local thunderstorm on 4th.

Total evaporation for the month of May 7.65 inches and the 9-year average shews 7.99 ins.

Mean daily number of sunshine hours 5.9.

Weather Disturbance.

There was a slight weather disturbance located by the U.S W.B. to the SE of Jamaica, about 200 miles on 6th May, apparently moving to northward into the Atlantic Ocean on 7th. At Morant Point the sea was reported as moderate. The Kingston barometer fell to 29.716 ins., or about two-tenths of an inch below normal.

Cayman Islands.

Government House, Georgetown, Grand Cayman.—Total rainfall for the month of May, 1932, 8.67 ins. Greatest fall in 24 hours 2.78 ins. on 19th, with 6 rainy days.

J. F. Brennan,
Government Meteorologist.

Kingston, June 20th, 1932.

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No. 664.

JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

JUNE, 1932.

The Bar. pressures at all the Stations, except the Hill Gardens, are reduced to the standards of Kew, 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first three standards only. Thermometers are exposed in Stevenson's Screens, their readings have been corrected for instrumental errors.

The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small four-cup instruments used and for the small velocities measured.

The amount of Cloud is given in tenths of the whole sky; the Lower clouds are for the most part fracto-stratus: the Middle clouds cumulus and the Upper clouds, cirrus and cirro-stratus.

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

Stations.	Elevation.	Bar. Pressure. 7 a.m.	Bar. Pressure. 3 p.m.	Temperature. 7 a.m.	Temperature. 3 p.m.	Temperature. Max.	Temperature. Min.	Extreme Temperature. Range.	Extreme Temperature. Max.	Extreme Temperature. Date.	Extreme Temperature. Min.	Extreme Temperature. Date.	Extreme Temperature. Range.
	ft	ins.	ins.	°	°	°	°	°	°				°
Morant Point Light House	8	29.944	29.913	81.7	83.7	85.6	77.2	8.4	87.5	29	71.2	2	16.3
Kingston ..	24	29.906	29.870	78.8	85.6	88.3	74.2	14.1	91.2	15	70.7	1	20.5
Negril Point Light House	33	29.914	29.884	78.6	84.3	87.7	73.7	14.0	90.9	30	70.4	4*	20.5
Castleton Gardens ..	496	..	..	71.1	82.3	88.6	70.1	18.5	[illegible]	15	67.0	26	27.0
Hope Gardens† ..	668	29.943	29.890	75.0	84.0	88.5	70.9	17.6	[illegible]	15*	[illegible]	1	25.0
Boon Hall ..	970	29.909	29.865	70.1	82.7	85.4	67.6	17.8	[illegible]	15	64.5	26	26.0
Hill Gardens ..	4,900	25.257	25.249	63.6	67.4	71.4	59.1	12.3	[illegible]	23*	57.0	1	18.0

Stations.	Elevation.	Dewpoint and Humidity. 7 a.m.		Dewpoint and Humidity. 3 p.m.		Rainfall.	Wind per diem.	Wind direction from and miles per hour. 7 a.m.		Wind direction from and miles per hour. 3 p.m.		Amount of Cloud. Lower, Middle and Upper. 7 a.m.			Amount of Cloud. Lower, Middle and Upper. 3 p.m.		
	ft.	°	%	°	%	ins.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	76	84	77	80	6.01	326	ENE	15.0	E	14.5	1.9	2.0	3.1	1.5	2.5	3.1
Kingston	24	71	79	74	68	3.09	233	ESE	7.5	SE	17.1	2.2	1.4	3.3	3.7	1.7	2.3
Negril Point Light House	33	73	81	75	74	5.70	221	ENE	6.0	SE	12.3	1.3	1.1	5.4	2.3	5.2	1.4
Castleton Gardens	496	69	95	76	83	7.75	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	70	84	71	65	2.52	..	..	..	..	..	..	..	..	..	..	..
Boon Hall ..	970	68	95	70	68	2.21	..	NNE	1.8	SE	9.6	..	..	..	..	..	..
Hill Gardens	4,900	61	90	62	84	2.65	..	..	..	..	..	..	..	..	..	..	..

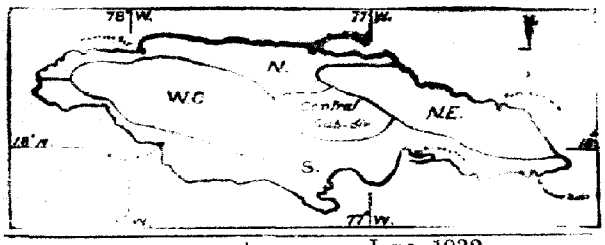
*And on other days. †Hope Gardens Bar read at 9 a.m. and 3 p.m.

THE RAINFALL.

THE first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last column contains the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1919." In obtaining the mean Rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last column so that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-divisions: the Southern Division comprises the southern shores from Holland Bay to South Negril; the North-Eastern and West-Central Divisions are the remaining parts of the Island bounded by the sea and the other Divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition, and of page 20 of 1923 Edition, an outline of which is given below.



STATIONS.	June, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
NORTH-EASTERN DIVISION. (N.E.)	Ins.	Ins.			Ins.
Manchioneal	14.79	2.59	1	17	6.76
Priestman's River	14.71	3.60	3	16	4.99
Bath	14.67	2.18	19	25	10.91
Barrett's Gap	15.94	2.22	19	26	..
Millbank	20.67	3.20	21	23	..
Moore Town	22.29	4.00	20	23	18.55
Port Antonio	19.27	3.25	3	19	14.32
Passley Garden	15.75	3.04	3	19	..
Fellowship	17.26	3.30	3	21	17.26
Johnson River Br.	14.78	2.16	8	20	11.52
Trinity Ville	15.37	4.20	19	15	..
Shrewsbury	8.42	2.22	3	23	11.08
Hope Bay	6.50	1.80	3	24	..
Cedar Valley	13.86	2.09	20	21	11.22
Moy Hall	10.49	1.70	20	22	11.64
Paradise	6.01	2.81	3	19	..
Lennox	5.87	2.00	3	18	..
Greenvale	4.20	2.36	4	3	3.66
Spring Garden	3.91	1.90	2	12	3.92
Hill Gardens	2.65	0.95	25	10	6.73
Buff Bay	4.10	1.76	3	11	6.60
Orange Vale	3.22	2.25	3	7	..
Belvedere, Portland	1.97	0.90	3	3	1.98
Windsor Castle, do.	3.38	1.55	3	6	5.00
Balcarres	3.26	1.30	25	3	..
Mt. Holstein	3.17	0.56	3	19	5.54
Cedar Hurst	3.26	1.22	25	12	..
Hardware Gap	6.46	2.30	24	11	6.58
Rose Hill	6.36	3.66	24	7	6.18
Hermitage	3.71	1.90	24	13	..
Mount James	3.07	6.90	19	10	..
Stony Hill Ind. Sch.	3.36	1.46	24	10	6.53
Boon Hall	2.21	1.00	24	15	..
Brandon Hill	5.44	1.37	2	10	..

STATIONS.	June, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
NORTH-EASTERN DIVISION, *contd.*	Ins.	Ins.			In.
Iter Boreale	..	..	..	..	..
Enfield	4.00	1.10	1	9	..
Agualta Vale	7.69	4.24	3	12	2.93
Castleton Gardens	7.75	1.60	8	14	8.82
Water Valley	4.21	2.05	3	7	3.74
Albany	1.22	0.52	29	5	3.01
Lawrence Tavern	2.48	0.46	19	9	6.27
Richmond, St. Mary	5.69	1.41	3	11	4.69
Quebec, St. Mary	3.55	1.06	7	9	4.48
Above Rocks	4.74	1.74	24	7	..
Glengoffe	2.10	1.15	25	3	..
Carew Castle	3.51	0.73	19	9	8.51
Hampstead, St. Mary	7.47	2.00	20	19	3.57
Windsor Castle do.	5.52	0.78	25	15	..
Troja	10.17	1.62	16	11	..
Pear Tree Grove	6.27	2.30	25	7	..
Guy's Hill	6.20	1.50	28	14	5.74
Lucky Hill	9.16	2.94	20	18	3.66
Rio Hoe	5.32	1.40	12	11	7.47
Unity Valley	7.07	2.35	27	14	7.72
Moneague	5.99	1.60	28	14	7.39
Claremont	5.53	2.37	27	6	5.04
Averham Park	3.46	1.02	3	11	4.94
Albion	6.10	1.01	29	14	6.16
NORTHERN DIVISION (N).					
Port Maria	4.13	1.35	3	10	4.86
Wentworth	..	..	..	..	..
Eden Park	..	..	..	..	..
Oracabessa	9.71	3.75	3	8	..
Huddersfield	5.16	2.66	25	2	..
Ocho Rios	4.60	1.20	3	15	3.16
Bogue, Ocho Rios	4.97	1.52	3	8	3.75
Drax Hall	4.63	1.50	3	7	4.50
Rockfield	5.21	1.87	2	8	3.10
Liberty Hill	4.96	1.60	3	9	3.58
St. Ann's Bay	5.31	2.04	3	14	3.67
Seville	4.74	2.05	4	5	4.04
Richmond Estate	4.30	2.00	3	13	4.10
Llandovery	6.72	3.00	3	10	3.86
Runaway Bay	5.71	2.50	3	8	1.29
Knapdale	10.33	3.11	27	9	..
Alexandria	9.94	3.00	19	10	3.18
Bel-Air	4.10	1.40	4	9	..
Brown's Town	8.68	2.97	3	11	3.55
Watt Town, St. Ann	5.36	1.00	2	8	3.86
Home Castle	9.45	3.00	1	8	3.60
Richmond Pen	3.00	1.10	8	7	4.58
Bryan Castle	7.00	..	..	7	2.98
Braco	..	..	..	..	2.63
Arcadia	6.08	2.19	3	12	3.70
Vale Royal	5.64	1.73	3	10	4.09
Harmony Hall	6.47	3.21	3	9	2.56
Colchis Pen	..	..	..	..	4.41
Duncans	5.13	2.45	3	9	..
Clark's Town	6.44	2.00	27	6	..
Falmouth	3.86	2.45	3	5	2.40
Canaan	8.50	3.62	3	14	6.64

Stations.	June, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	Ins.	Ins.			Ins.
Northern Division, *contd.*					
Grange ..	5.50	3.60	3	4	..
Adelphi ..	8.34	3.29	3	10	..
Success ..	7.98	5.80	3	7	2.19
Rose Hall ..	7.74	5.50	3	7	2.70
Cinnamon Hill ..	7.53	5.36	3	7	2.78
Tryall ..	7.39	5.65	3	8	5.08
Running Gut ..	7.32	5.60	3	7	2.86
Spring Estate ..	7.15	5.50	3	8	2.63
Friendship ..	11.84	5.55	3	16	6.04
Retirement ..	13.03	6.02	3	17	6.82
Montego Bay ..	10.35	7.02	3	12	6.17
Anchovy ..	3.70	1.36	3	13	6.78
Bamboo-Hanover ..	9.51	3.53	3	14	..
Blue Hole ..	13.02	5.12	3	11	11.30
Kew ..	7.30	2.55	2	10	8.60
Lucea ..	9.54	4.08	3	16	7.90
Haughton Court ..	9.50	1.50	18	10	8.17
Cousins Cove ..	7.77	1.75	3	16	..
Green Island ..	7.50	1.86	3	18	11.93
Haughton Hall ..	6.09	1.70	28	18	..
Central Sub-Division.					
Knollis ..	3.42	0.80	17	10	..
Highgate ..	6.56	1.19	24	14	..
Rio Magno ..	4.12	1.23	16	13	..
Riversdale ..	9.42	2.45	19	14	..
Headworks, R.C.C.	3.52	1.21	16	9	4.56
Bog Walk ..	3.80	1.15	19	6	..
Linstead ..	5.49	0.83	26	15	7.24
Ewarton ..	4.97	0.81	27	10	..
Cave Valley ..	11.63	3.00	4	9	7.11
Guanaboa Vale ..	4.64	2.28	24	6	..
Point Hill ..	8.27	1.72	8	16	8.23
Brown's Hall ..	8.75	2.10	24	12	9.18
Bellas Gate ..	5.49	1.56	24	8	1.82
Rock River ..	4.98	1.01	8	11	..
Crofts Hill ..	6.94	1.87	8	14	3.52
Far Enough ..	6.49	1.25	8	14	..
Suttons ..	6.05	1.41	8	13	..
Colonel's Ridge ..	7.67	2.28	24	10	..
Chapelton ..	7.67	1.60	8	12	5.98
Crooked River ..	9.14	1.90	24	12	..
James Hill ..	7.93	1.40	3	14	..
Frankfield ..	10.36	1.76	24	17	4.37
West-Central Division (W.C.)					
Mocho, Clarendon ..	15.33	3.90	25	10	6.25
Clarendon Park ..	17.98	6.40	8	15	..
Borobridge ..	7.12	1.80	3	11	..
Spaldings ..	10.72	2.33	25	15	4.10
Williamsfield ..	20.00	3.89	8	18	..
Brokenhurst ..	24.59	6.82	8	14	9.92
Shooters Hill ..	13.82	2.20	1	16	4.86
Lowe River ..	8.07	2.20	4	11	5.50
Christiana ..	9.94	1.97	25	17	5.96
Clifton Hill ..	24.26	6.40	8	14	4.06
Kendal, Manchester	17.55	3.93	8	16	7.05
Mereworth ..	25.68	6.90	8	16	..
Mandeville ..	28.65	5.09	8	19	2.82
Ulster Spring ..	7.29	1.33	1	13	6.31

Stations.	June, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	Ins.	Ins.			Ins.
West-Central Division. *contd.*					
Marshall's Pen ..	19.36	4.92	8	14	6.05
Greenvale ..	7.48	1.70	1	9	..
Albert Town ..	5.17	1.49	1	11	5.35
Craig Head ..	13.79	9.50	8	6	..
Warsop ..	6.36	1.30	26	8	..
Troy ..	6.05	1.60	24	7	8.13
Wallingford	6.48	1.25	3	15	5.05
Balaclava ..	6.89	1.40	3	8	4.52
Wakefield ..	5.85	2.04	3	9	.
Maggotty ..	5.48	1.63	18	11	6.53
Lacovia ..	5.55	1.38	24	9	..
Ipswich ..	6.85	2.24	18	12	..
Kempshot ..	10.28	4.40	3	13	8.57
Garlands ..	5.56	2.05	3	11	..
Mocho, St. James ..	9.53	2.40	3	10	..
Bandon Pen ..	7.70	4.17	3	7	..
Catadupa ..	7.40	1.47	3	15	9.83
Cambridge, St. Jas.	4.87	2.10	3	15	9.97
New Market ..	4.68	0.80	2	8	7.99
Kew Park ..	5.33	2.00	3	8	9.21
Montpelier ..	6.19	3.30	3	7	7.40
The Bog ..	3.84	0.87	3	12	8.37
Bethel Town Dist. ..	8.51	2.90	18	16	11.15
Burnt Ground ..	10.37	3.45	3	17	10.07
Haughton Grove ..	7.46	3.18	3	10	8.80
Darliston ..	7.12	2.12	19	9	10.53
Bluefields ..	4.94	1.17	1	8	9.42
Whithorn ..	8.99	2.10	19	13	10.16
Water Works Pen ..	6.74	1.25	19	3	8.87
Askenish ..	6.30	2.00	24	6	15.10
Grange Hill ..	7.97	1.65	19	18	11.09
King's Vale ..	5.87	0.92	5	20	11.84
Southern Division (S.)					
Morant Point L.H.	6.01	2.10	2	20	5.59
Golden Grove ..	10.12	2.49	1	19	..
Pleasant Hill ..	11.62	1.89	19	21	3.79
Bowden ..	..	..	..	..	..
East Prospect ..	6.29	1.35	24	22	6.38
Morant Bay ..	8.93	1.50	8	23	7.59
Aeolus Valley ..	10.22	2.00	8	21	..
Yallahs ..	6.15	1.10	1	15	..
Easington ..	7.72	1.50	20	19	7.36
Mavis Bank ..	5.79	1.50	24	6	..
Bull Bay ..	2.81	1.04	24	8	3.90
Dallas Castle ..	5.44	2.75	24	15	..
Gordon Town ..	2.86	1.03	24	10	4.40
Irish Town ..	1.82	1.06	24	6	3.93
Hope Gardens ..	2.52	1.27	24	11	4.66
Waireka ..	2.60	1.75	24	4	..
Ivor ..	..	..	..	..	..
Barbican ..	2.10	1.25	24	8	..
Plumb Point L. H.	3.07	1.94	24	11	3.85
King's House Gar. ..	1.51	0.85	24	7	3.82
Upper Kingston ..	3.77	2.77	24	13	0.99
Kingston P.W.O. ..	3.09	2.11	24	9	3.53
Halfway Tree ..	2.08	0.83	24	10	3.24
Clifton Pen ..	2.90	1.35	24	6	3.43
Red Hills ..	3.69	3.00	24	5	..

Stations.	June, 1932. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
Southern Division, *contd.*	Ins.	Ins.			Ins.
Quarantine Station ..	2.77	0.70	9	9	2.19
Hematine ..	3.22	1.41	24	10	2.41
Spanish Town ..	2.67	1.11	24	11	4.08
The Stewartry ..	5.07	3.34	24	8	..
Hog Hole, St. Cath.	5.23	2.87	24	13	4.43
Hartlands ..	..	..	..	..	3.98
Old Harbour ..	9.00	2.45	8	8	5.30
May Pen ..	9.89	2.56	8	15	5.11
Glen Muir ..	8.50	3.00	8	6	..
Cottage ..	17.12	4.65	8	13	..
Belle Plain ..	16.36	5.56	8	13	..
Milk River ..	19.39	5.80	8	12	4.88
Retrieve ..	18.17	6.00	8	10	2.74
Hog Hole, S. Man. ..	20.72	2.75	20	9	3.05
Stone's Hope ..	19.40	4.30	20	13	7.44
Newport, Man. ..	18.69	4.20	8	17	6.99

Stations.	June, 1932. Total Fall.	Greatest fall in 24 hours. Amount	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
Southern Division, *contd.*	Ins.	Ins.			Ins.
Great Valley, Man.	17.78	6.22	25	12	6.02
Alligator Pond ..	14.25	4.20	25	11	3.65
Fairfield ..	9.51	2.65	25	17	5.32
Lititz ..	7.22	2.36	25	8	1.69
Myersville ..	6.99	2.72	25	8	..
Gilnock ..	5.66	1.50	26	6	..
Southfield, St. Eliz.	11.89	4.75	25	11	2.72
Windsor, St. Eliz. ..	5.15	2.21	25	12	..
Torrington ..	9.11	2.50	25	11	3.05
Unity ..	6.32	2.14	6	5	..
Santa Cruz ..	7.55	1.63	25	10	5.15
Pedro Plains ..	8.57	3.92	25	6	2.10
Mountainside ..	1.76	0.60	25	5	2.04
Fort Charles ..	6.01	2.68	25	6	..
Black River ..	5.06	1.42	25	8	3.58
Font Hill ..	6.00	1.75	3	7	4.74
Mount Edgecombe ..	5.78	2.72	1	8	6.11
Sweet River ..	4.52	1.33	3	9	7.18
Sav.-la-Mar ..	4.27	1.70	3	7	6.61
Little London ..	4.85	1.36	3	6	8.52
Retreat ..	3.54	1.39	3	7	7.39
Negril Point L.H. ..	5.70	1.80	3	10	5.51

Notes.

Comparative Table of Rainfall and Rainy Days.

Divisional and Island Rainfall.	June. Rainfall. 1932.	Rainfall. Ave.	Rainy Days. 1932.	Rainy Days. Ave.
	Ins.	Ins.		
North-Eastern ..	7.64	7.72	13	11
Northern ..	7.23	5.10	11	9
West-Central ..	9.91	8.57	12	13
Southern ..	7.52	5.01	10	8
The Island means ...	8.08	6.60	12	10

Shocks of Earthquake in June, 1932.

Date.	Standard Time (Approx.)	Intensity.	Notes: where, etc.
6th	7.00 a.m.		Bel Air
"	6.51 "		Kingston & St. Andrew
"	4.15 "		
"	6.50 "		Harkers Hall
"	7.12 "		
"	7.40 "		
"	9.40 "		
30th	3.30 p.m.		Clifton Hill
"	" "		Mandeville (Prof. W. H. Pickering)
"	3.40 "		Fairfield

N.B. It is particularly requested to send all Rainfall Postcards in not later than the 6th of each month.

THE ISLAND—JUNE.

The mean rainfall for the Island exceeded the average in all Divisions except the North-Eastern, which was slightly below.

The heaviest precipitation occurred on the 3rd, 8th, 24th and 25th, but the rainfall was generally well distributed. The Mean number of rainy days was 12, the average being 10. The greatest number was 26 at Barrett's Gap in the North-Eastern Division.

The greatest total fall for the month was 28.65 ins. at Mandeville in the West-Central Division, and the heaviest fall in 24 hours was 7.02 ins. at Montego Bay in the Northern Division, on the 3rd.

The mean rainfall in each parish is given below:—

	Inches.		Inches.
Kingston	3.31	St. James	7.91
St. Andrew	3.52	Hanover	8.58
St. Thomas	10.87	Westmoreland ..	5.86
Portland	9.10	St. Elizabeth ..	6052
St. Mary	5.79	Manchester ..	18.23
St. Ann	6.27	Clarendon	10.71
Trelawny	6.11	St. Catherine ..	5.43

For the first 6 months of the year the mean rainfall for the Island is 4.88 inches in excess of the 60-year average as shown in the comparative table below:—

	1932. Inches.	60-year average. Inches.
January	2.62	4.00
February ..	0.82	3.13
March	1.73	3.35
April	12.05	4.77
May	9.95	8.52
June	8.08	6.60
	35.25	30.37

CITY OF KINGSTON.

The total rainfall for June was 3.09 inches, as against the 59-year normal of 3.51 ins. There were 9 rainy days, as compared with the 49-year average of 6.4 days. The total rainfall for the half-year ended June was 9.54 ins., as against the 59-year normal aggregate of 11.12 ins. The greatest fall in 24 hours occurred on 24th with 2.11 ins. The upper boundary of Kingston gauged 3.77 ins. with 13 rainy days. Distant rain was observed to Northward on 3 days, to NE on 3, to East on 3, to SE on 2, to South on one and to NW on one day.

The mean barometric pressure was 29.895 ins., as compared with the 33-year normal of 29.932 ins., or, 0.037 inch below the normal. This low pressure (below normal) was observed for 24 days of the month, owing, no doubt, to the excess of the Island rainfall during June. Highest barometer reading 29.976 ins. on 15th at 7 a.m., and the lowest 29.813 ins. on 20th at 7 a.m. (correc. for diur. var.).

The mean daily temperature, based upon four observations per day, was 81.2 degs., and the 33-year normal shews 80.9 degs. being 0.3 degs. above normal. The maximum temp. was 90 degs. and above on 7 days. The minimum was above 70 degs. throughout. Highest max. temperature was 91.2 degs. on 15th and the lowest minimum 70.7 degs. on 1st. Then the lowest max. temperature was 84.6 degs. on 2nd and the highest minimum 77.1 degs. on 10th. The greatest range of temperature was 16.9 degs. on 26th and 29th, and the least 9.3 degs. on 2nd.

The mean daily miles of wind registered was 233, as against the 20-year normal of 239. The maximum number of miles of wind in one day was 351 on 22nd, and the minimum 119 on 2nd. South-easterly wind commenced early on 6 days, and continued after 7 p.m. on 18 days, and throughout the night on two occasions. SE rainsquall on 3rd, 9th, 20th and 21st.

Distant lightning to North on 2 days, to NE on 5, vivid on 1st, to east on 3 occasions. Distant thunderstorm to North on 2nd, 9th, 16th, 17th, 18th, 19th and 25th, to NE on 8th and 25th. To East 24th, 28th and 30th. To SE on 10th and to SW on 2nd and 3rd. Moderate local thunderstorm on 24th.

Mean relative humidity 77%, 33-year normal 78%. The mean 7 a.m. was 79%, and the 3 p.m. 68%. Lowest 7 a.m. 64% on 11th, and lowest 3 p.m. 53% on 29th.

The sky was overcast in the forenoon on 18 occasions, and in the afternoon on 21 occasions.

Total evaporation for the month 6.24 inches, and the 9-year normal 7.11 ins.

There was a moderate shock of earthquake on 6th at 6.51 a.m., lasting about 2 secs., direction NE-SW, Horizontal movement 0.02. inch.

Mean daily number of sunshine hours 4.6.

CAYMAN ISLANDS.

* Government House, Georgetown, Grand Cayman. Total rainfall for June, 1932 ins. Greatest fall in 24 hours ins. on , with rainy days.

CORRIGENDUM.

Weather Report No. 663, May, 1932. Boon Hall 3 p.m. Barometer: for 29.337 read 29.837.

J. F. BRENNAN,
Government Meteorologist.

Kingston, 20th July, 1932.

* No report received up to time of Printing.