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JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

JANUARY, 1922.

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 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, cirro-stratus.

METEOROLOGICAL RESULTS.

Stations.	Elevation.	Bar. Pressure.		Temperatures.					Extreme Temperatures.				
		7 a.m.	3 p.m	7 a.m.	3 p.m	Max.	Min.	Range	Max.	Date.	Min.	Date.	Range
	ft.	in.	in.	°	°	°	°	°	°		°		°
Morant Pt. Light House	8	29.999	29.953	75.8	79.8	81.4	73.2	8.2	84.0	28	65.0	11*	19.0
Kingston	24	29.971	29.916	68.9	83.7	86.0	68.1	17.9	89.5	30	64.6	3	24.9
Negril Pt. Light House	33	29.973	29.916	70.5	82.3	84.7	67.5	17.2	87.8	5	64.0	27	23.8
Castleton Gardens	496	..	..	66.9	79.7	82.3	65.9	16.4	87	20	61	28	26
Hope Gardens†	668	30.002	29.897	67.9	82.7	85.2	69.6	15.6	89	6	67	1	22
Stony Hill Indus. School	1,400	..	..	68.3	73.5	87.4	66.9	20.5	90	9*	66	14*	24
Kempshot	1,773	29.990	29.937	66.2	71.3	74.3	65.0	9.3	82.4	11	62.4	15	20.0
Hill Gardens	4,900	25.215	25.185	60.5	62.9	66.3	53.9	12.4	71	6	51	3	20

Stations.	Elevation.	Dew Point 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.	°		°		in.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Pt. Light House	8	69.2	80	68.9	69	3.10	..	NE	16.0	NE	13.5	3.0	1.7	0.5	1.4	2.3	0.3
Kingston	24	64.0	84	67.8	59	0.35	161	NNE	5.1	SE	13.0	0.8	1.5	0.8	2.0	3.1	0.9
Negril Point Light House‡	33	65.5	84	69.4	65	5.04	228	NNE	10.3	ENE	11.2	1.6	0.8	1.1	1.0	3.6	0.9
Castleton Gdns	496	65.1	93	73.5	82	8.45	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	60.5	79	66.7	59	1.03	..	..	..	..	..	..	..	..	..	..	..
Stony Hill Indus. School	1,400	62.3	81	64.5	73	1.33	..	..	..	..	..	..	..	..	..	..	..
Kempshot	1,773	64.0	93	66.2	84	6.67	..	ENE	10.0	NE	8.0	4.9	0.3	0.0	2.3	3.4	0.4
Hill Gardens	4,900	56.4	84	58.0	84	7.56	..	..		..	..	..	..	..	..	..	..

*and on other days. †Hope Gardens. Bar. read at 9 a.m. and 3 p.m.
‡Negril Point Light House. Wind 11 p.m. N.E. 7.7

National Oceanic and Atmospheric Administration

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LASON
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Beltsville, MD 20704-1387
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-division; 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.

NORTH-EASTERN DIVISION.	Jan., 1922				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
	In.	In.			In.
Manchioneal ..					
Bath ..	4.84	0.95	31	18	6.13
Priestman's River	6.74	3.00	13	6	..
Moore Town ..	13.94	2.14	15	17	17.48
Port Antonio ..	5.76	2.21	13	15	8.78
Fellowship ..	..	..	..	..	..
Johnson River Bridge ..	3.06	0.50	14	14	3.31
Cedar Valley, St. Thos. ..	1.49	0.71	13	3	4.26
Hill Gardens ..	7.56	3.00	12	7	6.98
Spring Garden ..	9.95	4.50	14	16	7.95
Buff Bay ..	17.07	2.79	12	17	9.22
Greenvale ..	14.84	6.14	13	16	
Belvedere, Portland	17.25	6.10	13	18	..
Mt. Holstein ..	17.74	5.14	14	16	14.07
Rose Hill ..	3.28	1.00	13	3	3.06
Hardware Gap ..	6.74	.	..	..	5.78
Stony Hill Ind. Sch.	1.33	0.62	14	4	3.05
Castleton Gardens	8.45	5.04	31	12	9.08
Lawrence Tavern	1.51	0.78	12	2	2.26
Zion Hill ..	2.00	1.00	8	3	.
Agualta Vale ..	10.01	3.21	5	14	7.30
Water Valley ..	11.17	3.63	13	14	8.11
Platfield ..	3.06	2.02	13	9	6.67
Richmond, St. Mary	7.61	3.77	13	13	6.88
Hampstead, St. Mary	14.54	2.60	21	16	10.56
Windsor Castle ..	14.66	4.82	13	16	..
Guy's Hill ..					
Lucky Hill ..	8.05	2.60	14	17	7.76
Rio Hoe ..	4.43	2.00	14	7	5.75
Unity Valley ..	4.23	1.45	13	12	4.95
Moneague ..	4.50	2.00	14	13	4.62
Claremont ..	4.50	1.55	14	3	5.93
Albion, St. Ann ..	7.14	3.34	14	13	5.27
Averham Park ..	7.32	3.63	14	12	7.08

NORTHERN DIVISION.	Jan., 1922.				
	Total fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
	In.	In.			In.
Port Maria ..	4.49	1.53	13	12	6.16
Ocho Rios ..	6.30	2.50	13	6	4.69
Bogue, Ocho Rios	6.70	2.80	13	6	5.66
Rockfield ..	13.65	7.50	13	14	8.60
Liberty Hill ..	9.73	4.00	14	11	7.27
St. Ann's Bay ..	5.47	1.83	14	10	4.97
Seville ..	6·45	3.46	13	7	
Richmond Estate	7.40	2.90	13	14	5.96
Llandovery ..	5.50	1.70	14	11	6.17
Runaway Bay ..	3.33	1.75	13	7	..
Brown's Town ..	5.75	2.35	13	12	5.82
Alexandria ..	2.44	1.00	13	6	..
Watt Town, St. Ann	2.13	1.02	14	4	..
Richmond Pen ..					
Bryan Castle ..	5.90	1.63	13	9	4.94
Braco ..	4.40	1.65	13	9	4.38
Harmony Hall ..					
Falmouth ..	2.97	1.13	14	10	3.67
Good Hope ..	3.55	1.75	14	5	..
Hampden ..	4.92	1.22	13	9	3.47
Guilsbro ..	4.00	2.50	14	2	
Success ..	2.94	1.25	14	6	2.09
Cinnamon Hill ..	3.89	1.95	14	5	3.71
Rose Hall ..	4.86	2.50	14	6	3.56
Tryall ..	4.53	2.28	14	7	..
Running Gut ..	4.06	2.25	14	5	3.78
Spring Estate ..	3.82	2.30	14	4	4.33
Montego Bay ..	2.78	1.47	14	6	2.93
Friendship ..	5.38	3.80	14	5	..
Retirement ..	4.44	2.55	14	6	..
King Gate ..	2.97	2.44	14	3	3.12
Blue Hole ..	2.24	1.23	14	2	..
Kew ..	1.66	1.17	14	5	2.10
Haughton Court ..	2.10	1.30	14	3	2.52
Lucea ..	1.98	1.12	14	4	3.19
Green Island ..	1.19	0.50	14	5	..
CENTRAL SUB-DIVISION					
Rio Magno ..					
Headworks, Rio Cobre ..	0.20	0.13	14	2	1.78
Linstead ..	1.58				..
Berkshire Hall ..	1.71	0.60	13	8	2.99
Point Hill ..					..
Bellas Gate ..					..
Croft Hill ..					..
Chapelton ..	0.85	0.46	14	3	2.14
Frankfield ..	1.67	0.87	14	2	..

West-Central Division.	Jan., 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Mocho, Clarendon	1.48	0.53	14	3	2 30
Spaldings ..	4.82	2.02	25	7	..
Brokenhurst ..	3.54	0 78	13	8	3.24
Christiana ..	2.48	1.07	25	5	2.36
Chudleigh ..	3.81	2.00	25	10	2.36
Shooter's Hill ..	2.17	0.70	25	8	2.14
Kendal, Manchester	2.82	0.81	1	7	2.36
Clifton Hill ..	3.60	1.15	1	7	..
Marshalls Pen ..	3.26	1.98	25	7	3.05
Mandeville ..	3.69	1.32	1	11	3.28
Carlton, Mandeville	3.59	1.19	1	7	3.28
Ulster Spring ..	3.08	1 40	14	5	3.38
Broadleaf Water					..
Freeman's Hall ..					..
Albert Town ..					..
Lowe River ..					..
Troy ..	3.75	1.50	13	4	2.20
Balaclava Police Station ..	1.45	0.75	29	5	1.94
Wallingford ..	2.08	1.38	29	5	1.94
Magotty ..	2.41	0.78	14	5	2.93
Springfield, St. Elizabeth ..	3.58	1.25	22	11	..
Kempshot ..	6.67	4.03	14	9	3.78
Cambridge, St. James ..	1.28	0.79	14	5	..
Kew Park ..	5.33	2.23	17	7	2.17
New Market, Police Stn. ..	2.53	0.62	14	11	..
The Bog, New Market ..	4.62	0.85	6	12	..
Bethel Town ..	3.68	1.30	17	6	..
Montpelier ..	0.82	0.70	13	2	..
Ramble ..	2.00	1.00	14	6	..
Burnt Ground ..	1.63	1 00	14	4	2.91
Knockalva ..	1.67	0.97	14	4	..
Petersville ..	3.53	1.86	18	8	2.53
Darliston ..	3.32	0.94	29	11	2.99
Bluefields ..	4.45	2.04	22	3	2.87
Whithorn ..	1.70	1.22	14	4	2.34
Water Works Pen	2.18	1.10	14	6	..
Askenish ..	3.23	1.75	14	5	..
Grange Hill ..	3.12	1.76	14	7	2.34
King's Vale Police Stn. ..	0.97	0.37	16	3	

Southern Division.	Jan., 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Morant Point L.H.	3.10	0.75	11	15	4.38
Pleasant Hill ..	4.99	1.10	11	18	..
East Prospect ..	3.40	0.85	11	13	3.93
Morant Bay ..	1.50	0.62	11	7	2.93
Easington ..	0.57	0.25	11	4	1.76
Bull Bay ..	0.00	..	..	0	0.98
Bellevue ..	2.03	0.81	12	4	3.28
Gordon Town ..	1.10	0.31	14	7	3.70
Irish Town ..	1.50	..	..	..	2.34
Hope Gardens ..	1.03	..	..	..	1.84
King's House Gar.	2.44	..	..	..	1.39
Melrose ..	0.48	0.37	13	4	..
Half-way Tree ..	0.47	0.30	14	2	1.07
Lunatic Asylum	0.38	0.16	13	4	0.78
N. E, Kingston* ..	0 61	0.42	13	4	1.06
Kingston P.W.O.	0.35	0.27	13	3	0.96
Upper Kingston †..	0.73	0.60	13	3	
Plumb Point L.H.	0.70	0.28	14	9	0.84
Clifton Pen ..	0.54	0.54	14	1	0.89
Quarantine Station	0.49	0.31	13	2	1.02
Spanish Town ..	0.16				
Hog Hole, St. Catherine ..	0.00			0	1.72
Hartlands ..	0.80	0.42	13	3	1.68
Old Harbour ..	1.22				
May Pen ..	1.75	0 53	13	8	1.47
Dry River, Vere ..	0.40	0 30	14	2	2.11
Toll Gate ..	2.60	0 70	13	6	2.05
New Yarmouth ..					
Exeter ..					
Milk River ..	0.52	0.27	13	2	2.04
Retrieve ..	2.63	0.72	13	6	..
Hog Hole, S. Man.	4.48	2.94	25	4	..
Stone's Hope ..	1.86	0.85	13	5	2.63
Newport, Manchester ..	2.44	0.80	13	7	2.75
Great Valley, Man.	2.24	1.10	25	7	2.30
Alligator Pond ..	0.52	0.20	14	4	1.64
Fairfield ..	1.68	0.48	13	8	2.64
Southfield, St. Elizabeth ..	5.20	1.23	30	10	..
Lititz ..	1.34	0.60	30	4	1.76
Torrington ..	3.17	1.10	31	8	2.42
Bethlehem, St. Eliz.	3.64	0 77	31	8	2.57
Santa Cruz ..	1 17	0.80	29	8	2.52
Pedro Plains Police Stn. ..	2.08	1.40	30	3	1.96
Mountainside ..					
Black River ..	1.19	0.64	31	5	1.67
Font Hill ..	2.25	0.60	14	7	1.74
Mount Edgecombe	2.81	0.81	18	12	2.05
Sweet River ..	2.35	1 30	22	6	1.90
Windsor Sav-la-Mar	3 62	1.40	8	7	1.86
Orchard ..	3.52	0 97	17	8	2.73
Sav.-la-Mar ..	3.30	1.94	22	7	1.65
Little London ..	1.90	0.57	14	7	..
Retreat ..	1.87	1.10	14	6	1.66
Negril Point L.H.	5.04	3.39	14	8	1.41

* Formerly S. Camp Road † Gauge kept at 148½ East Street.

NOTES.

COMPARATIVE TABLE OF RAINFALL.
(Based upon the "Average" Stations only.

DIVISIONAL AND ISLAND RAINFALL.	JANUARY. 1922.	JANUARY. Average.
	In.	In.
North-Eastern Division ...	7.28	7.74
Northern " ...	4.49	3.83
West-Central " ...	3.15	2.87
Southern ...	1.72	1.94
The Island ...	4.16	4.10

SHOCKS OF EARTHQUAKE IN JANUARY, 1922

Date.	Standard Time (Approx.)	Intensity.	Notes: where felt etc.
31	12 28 p.m.		Frankfield
31	12 20 p.m.		Black River

The mean rainfall for the month, for the Island, was slightly above the average,

In all the Divisions the rains were well distributed, so far as the total is concerned.

The greatest precipitation occurred between the 13th, and 14th., in all the Divisions, probably owing to a small passing depression on the 11th and 12th, The barometer on the 11th, fell to 29,86 ins or 13 hundredths below the mean.

The greatest fall for the month occurred at Mount Holstein in the N.E. Division. 17.74 ins.

In 24 hours the greatest fall was reported as 7.50 ins, on the 13th at Rockfield in the N. Division.

Rain fell at all stations reporting, excepting at Bull Bay and Hog Hole Pen, in S. Div.

From Fairfield it is reported that a beautiful Lunar rainbow was observed on the 13th at 9 p.m.

J. F. BRENNAN,
Govt. Meteorologist.

Kingston, February 17th, 1922.

Negril Point Light House Mean Meteorological Results for the Year 1922.

Elevation, 33 feet.

Month.	Barometer Pressure.		Temperatures.						Extremes for the Month.			Dewpoint and humidity.				Rain-fall.	Miles of Wind per diem.
	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.			
	in.	in.	°	°	°	°	°	°	°	°	°	°	%	°	%		
January ..	30.004	29.962	76.4	71.9	81.6	84.8	69 1	15.7	89.5	64.5	25.0	66.5	82	69.4	66	4.58	234
February ..	.001	.951	75.8	71.2	82.1	84.4	67.6	16.8	88.5	64.7	23.8	66.4	85	70.0	67	1.50	204
March ..	30.007	.952	75.9	71.8	81.4	84.8	67.5	17.3	87.7	64.6	23.1	66.0	82	70.3	69	6.27	199
April ..	29.986	.942	76.6	74.6	80.2	85.0	68.4	16.6	88.7	66.1	22.6	68.3	81	70.4	72	4.80	164
May .	.923	.884	78.3	77.3	82.1	84.8	71.0	13.8	88.3	66.6	21.7	69.3	77	70.6	69	8.01	234
June ..	.922	.898	79.9	78.3	83.8	86.8	72.7	14.1	89.5	69.7	19.8	71.5	79	73.5	71	4.48	217
July ..	.987	.962	80.2	78.7	83.8	88.2	72.0	16.2	91.5	69.6	21.9	70.7	77	73.8	72	4.81	170
August ..	.967	.937	79.3	76.6	82.6	88.2	71.6	16.6	90.5	69.6	20.9	70.5	81	73.5	75	7.68	159
September ..	.922	.887	79.8	76.5	83.8	88.2	72.5	15.7	91.8	70.4	21.4	71.2	84	74.0	72	5.27	174
October ..	.888	.836	79.7	76.5	84.3	86.9	73.2	13.7	89.6	69.6	20.0	71.7	85	74.3	72	7.56	241
November ..	.943	.886	78.9	74.4	84.0	88.0	71.0	17.0	91.9	66.4	25.5	69.2	84	72.8	69	2.44	189
December ..	29.964	29.902	76.8	72.0	82.6	85.9	68.8	17.1	89.9	64.9	25.0	66.7	83	68.8	63	1.27	225
Means ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	29.960	29.917	78.1	75.0	82.7	86.3	70.4	15.9	89.8	67.2	22.6	69.0	82	71.8	70	58.67	201

NEGRIL POINT LIGHT HOUSE MEAN RESULTS, continued.

Month.	Wind from and miles per hour						Clouds in tenths.						Weather Conditions.
	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 ..	NE	9.8	NNE	11.5	NE	10.2	4.5	1.3	1.5	5.4	0.7	1 2	Cloudy 14, overcast 1, Rain 16, Thunderstorms 2, lightning on a few days. Light norther from 15 to 29. Rainfalls nearly 4 times the average.
February ..	NE	8.0	VAR	11.7	NE	7.0	1.5	2.5	1.0	2.7	2.1	2 8	Fine 4, Cloudy 8, overcast 6 Rain 10 days Light norther on the 26 Rainfall the average.
March ..	ENE	7.0	VAR	11.9	ENE	6.4	1 3	2.4	1 0	4.1	0.8	0 3	Fine 3 Cloudy 4. overcast 2 Rain 22 days. Thunderstorms on 3 days Lightning on a few days. Rainfall 3 times the average,
April ..	ENE	5.5	VAR	8.0	ENE	6.6	1.0	4.5	1.0	4.2	1.4	0 2	Cloudy 12 Overcast 2 Rain 16 days, Rainfall above the average.
May ..	E	7.0	VAR	13.2	NE	9.5	1.6	2.9	1.6	4.3	2.4	0.4	Fine 7, Cloudy 4, Overcast 4, Rain 16 days. Thunderstorms on 4 days Lightning on a few days. Brisk S.E. ly winds during the month. Aurora Borealis seen on night of 14th Rainfall above the average.
June ..	E	8.4	SSE	12.5	ENE	6.7	1.3	4.3	1.7	3.4	2.8	0 3	Cloudy 5, Overcast 5, Rain 16 days. Thunderdstorms on 8 days Lightning on many days. Brisk SE and NE wind during the month. Rainfall below the average.
July .	NE	6.2	S	8.8	ENE	6.1	0.6	3.5	0.6	5.0	3.6	0.5	Fine 1, Cloudy 5; Overcast 9, Rain 16, Thunderstorms 8 and lighitning on many days. Brisk SE winds on 4th 10 a.m. to 7 p.m Rainfall below the average.
August ..	NE	7 1	SE	6.8	ENE	5.6	0.0	3.2	0 4	5.3	3.7	0.5	Cloudy 6, Overcast 4, Rain 21, Thunderstorm 17 and lightning on many days. Rainfall above the average.
September ..	NE	6.8	VAR	8.3	E	5.9	1.0	2.9	0.3	4.4	4.4	0.9	Fine 3, Cloudy 2, Overcast 7, Rain 18 Thunderstorms 13 and lightning on many days. Rainfall below the average.
October ..	E	9.7	SE	10.8	E	8.9	1.3	1.0	0.7	5.6	3.9	1.4	Fine 2, Cloudy 8, Overcast 6 Rain 15, Thunderstorms 6, and lightning on many days. Rainfall below the average.
November ..	NE	7.4	VAR	8.7	NE	6.7	0.9	1.9	1.4	4.0	4.4	0.8	Fine 5, Cloudy 11 Overcast 2, Rain 12, Thunderstorms 6 and lightning on a few days microseismic shock of Earthquake on 18th at 4.52 a.m. Rainfall below the average.
December ..	NE	8.2	N	13.6	NE	8.5	0.7	1.0	0.9	3.5	2.2	1.1	Fine 10, Cloudy 6, Overcast 7, Rain 8' Thunderstorm 1 and lightning on a few days. Brisk northerly wind during the month. Rainfall below the average.
Means ..	ENE	7.6	SE	10.5	ENE	7.3	1.3	2 6	1.0	4 3	2.7	0.9	

The rainfall for the year is above the average (viz 54.26) with 186 rainy days.

No. 529.

JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

FEBRUARY, 1922.

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 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, cirro-stratus.

METEOROLOGICAL RESULTS.

Stations.	Elevation.	Bar. Pressure.		Temperatures.					Extreme Temperatures.				
		7 a.m.	3 p.m.	7 a.m.	3p.m	Max.	Min.	Range	Max.	Date.	Min.	Date.	Range
	ft.	in.	in.	°	°	°	°	°	°		°		°
Morant Pt. Light House	8	30.024	29.991	77.6	80.1	81.6	74.4	7.2	84.0	2	66.0	17	18.0
Kingston ..	24	29.999	29.941	68.8	83.1	85.8	67.8	18.0	89.4	27	65.9	10	23.5
Negril Pt. Light House	33	29.999	29.950	70.6	81.1	84.8	67.6	17.2	86.7	12	63.0	13	23.7
Castleton Gardens ..	496	..	..	66.1	79.9	86.0	65.1	20.9	87	6	60	5*	27
Hope Gardens†	668	30.029	29.945	68.0	80.9	84.6	67.4	17.2	89	12	61	9	28
Stony Hill Indus. School	1,400	..	..	66.8	74.0	86.0	66.7	19.3	90	1*	66	1*	24
Kempshot ..	1,773	30.009	29.970	66.6	71.3	75.2	65.2	10.0	80.8	16	61.8	9	19.0
Hill Gardens ..	4,900	24.248	25.216	60.4	62.0	65.3	52.4	12.9	69	21	49	13	20

Stations.	Elevation.	Dew Point 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.	°		°		in.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Pt. Light House	8	69.7	77	69.9	71	2.15	..	NE	20	NE	19	3.0	1.2	0.3	1.3	3.0	0.2
Kingston	24	64.5	86	67.3	59	0.45	196	NNE	5.0	SE	16.9	1.4	0.2	0.0	3.4	2.6	0.7
Negril Point Light House‡	33	64.5	81	68.8	67	5.30	226	NE	9.1	VAR	10.5	0.3	1.0	0.1	3.9	4.7	0.0
Castleton Gdns	496	64.3	93	72.9	79	8.68	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	61.2	79	66.6	63	0.56	..	..	..	..	..	..	..	..	..	..	..
Stony Hill Indus. School	1,400	60.9	82	66.3	77	1.68	..	..	..	..	..	..	..	..	..	..	..
Kempshot	1,773	63.8	89	66.4	84	4.75	..	E	10.5	E	6.3	2.9	0.1	0.6	3.0	3.1	1.5
Hill Gardens	4,900	56.1	86	57.9	87	6.04	..	..		..	..	..	..	..	..	..	..

*and on other days. †Hope Gardens. Bar. read at 9 a.m. ~~and 9 p.m.~~
‡Negril Point Light House. Wind 11 p.m. E.N.E. 8.5

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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-division; 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.

North-Eastern Division.	Feb., 1922				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
	In.	In.			In.
Manchioneal ..	4.33	1.50	18	7	5.51
Bath ..	4.00	0.70	17	18	4.43
Priestman's River	5.32	1.38	14	7	..
Moore Town ..					
Port Antonio ..	5.36	1.08	14	21	6.04
Fellowship ..	10.75	1.55	17	19	10.47
Johnson River Bridge ..	6.10	0.75	14	17	2.21
Cedar Valley, St. Thos. ..	3.28	0.68	2	9	2.50
Hill Gardens ..	6.04	2.20	18	11	4.07
Spring Garden ..	4.18	0.90	17	23	8.42
Buff Bay ..					
Greenvale ..					
Belvedere, Portland	7.64	1.32	9	17	..
Mt. Holstein ..	16.14	9.20	18	10	6.93
Rose Hill ..	2.93	1.00	17	4	4.26
Hardware Gap ..					
Stony Hill Ind. Sch.	1.68	0.62	19	7	2.26
Castleton Gardens	8.68	3.32	28	11	4.94
Lawrence Tavern	1.42	1.10	11	3	2.29
Zion Hill ..	4.30	1.30	8	6	..
Agualta Vale ..	2.70	0.82	17	19	5.33
Water Valley ..	2.56	0.53	16	19	4.83
Platfield ..	4.99	1.87	19	9	3.39
Richmond, St. Mary	3.68	1.05	13	10	4.53
Hampstead, St. Mary	6.38	1.20	3	15	7.01
Windsor Castle ..	8.62	1.38	18	9	..
Guy's Hill ..					
Lucky Hill ..	3.51	0.52	20	16	4.72
Rio Hoe ..	2.95	1.00	14	5	3.95
Unity Valley ..	2.71	0.89	14	7	3.50
Moneague ..	3.02	0.75	14	9	3.92
Claremont ..	33.8	1.20	20	4	3.87
Albion, St. Ann ..	3.13	0.72	17	11	3.49
Averham Park ..					

Northern Division.	Feb., 1922.				
	Total fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
	In.	In.			In.
Port Maria ..	3.80	0.78	22	12	5.38
Ocho Rios ..	3.52	0.80	25	10	3.77
Bogue, Ocho Rios	3.82	0.60	13	9	4.79
Rockfield ..	6.43	1.58	18	9	5.48
Liberty Hill ..	3.76	1.30	17	12	4.86
St. Ann's Bay ..	1.75	0.60	16	5	4.76
Seville ..					
Richmond Estate					
Llandovery ..	3.24	0.92	28	7	4.52
Runaway Bay ..	1.30	0.54	19	5	..
Brown's Town ..	3.44	0.79	13	7	4.16
Alexandria ..	1.17	0.32	17	7	..
Watt Town, St. Ann	1.26	0.82	17	3	..
Richmond Pen ..					
Bryan Castle ..	2.70	1.35	19	7	2.45
Braco ..	1.90	1.25	19	6	2.27
Harmony Hall ..	1.86	1.00	19	7	2.46
Georgia ..	2.35	1.05	19	4	2.50
Falmouth ..	3.08	1.45	19	9	1.84
Good Hope ..	2.27	0.80	17	5	..
Hampden ..					
Guilsbro ..					
Success ..	3.05	1.15	19	6	
Cinnamon Hill ..	4.35	1.60	19	6	
Rose Hall ..	3.14	1.26	19	6	
Tryall ..	3.03	0.79	19	6	
Running Gut ..	3.48	1.20	19	6	
Spring Estate ..	2.76	0.90	19	5	
Montego Bay ..	1.50	0.27	26	9	1.84
Friendship ..	2.44	1.15	27	6	..
Retirement ..	2.22	0.70	8	11	..
King Gate ..	1.90	0.60	25	6	2.25
Blue Hole ..	5.59	2.00	27	7	..
Kew ..	4.67	1.76	27	12	2.20
Haughton Court ..	2.45	1.05	27	8	1.99
Lucea ..	1.65	0.45	24	7	2.33
Green Island ..	3.24	0.90	25	8	..
Central Sub-Division					
Rio Magno ..					
Headworks, Rio Cobre ..	1.26	0.60	2	4	1.52
Linstead ..	5.55	1.11	28	13	1.93
Berkshire Hall ..	4.40	1.85	19	7	2.10
Point Hill ..					
Bellas Gate ..					
Croft Hill ..	1.80	0.60	16	7	1.56
Chapelton ..	2.27	0.80	24	7	1.73
Frankfield ..	3.07	1.34	24	5	..

West-Central Division.	Feb., 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Mocho, Clarendon	3.82	1.03	28	11	1.45
Spaldings ..	3.34	0.73	26	16	..
Brokenhurst ..	2.84	0.92	14	9	2.37
Christiana ..	2.56	0.50	14	15	2.42
Chudleigh ..	2.13	0.60	15	9	2.90
Shooter's Hill ..	4.19	0.83	25	12	1.88
Kendal, Manchester	4.88	1.45	25	14	2.32
Clifton Hill ..	4.80	0.74	16	12	..
Marshalls Pen ..	2.02	0.50	22	9	2.94
Mandeville ..	3.47	0.70	16	15	2.69
Carlton, Mandeville	2.96	0.66	16	9	2.69
Ulster Spring ..					
Broadleaf Water					
Freeman's Hall ..					
Albert Town ..					
Lowe River ..					
Troy ..	2.69	0.75	24	8	2.98
Balaclava Police Station ..	3.40	1.12	24	5	2.21
Wallingford ..	3.96	1.17	25	12	2.83
Magotty ..	6.07	1.11	28	8	3.02
Springfield, St. Elizabeth ..	7.28	1.70	19	15	..
Kempshot ..	4.75	1.03	27	10	2.77
Cambridge, St. James ..	7.60	1.46	22	15	..
Kew Park ..	5.37	1.61	27	12	2.81
New Market, Police Stn. ..	3.23	1.87	1	13	..
The Bog, New Market ..	9.82	2.27	26	15	..
Bethel Town ..	7.60	2.45	27	14	..
Montpelier ..					
Ramble ..	11.06	2.63	22	14	..
Burnt Ground ..	7.60	2.15	27	12	2.43
Knockalva ..	9.73	2.42	27	15	..
Petersville ..	8.49	2.24	26	13	2.79
Darliston ..	8.76	1.58	19	15	3.41
Bluefields ..	7.14	3.00	23	10	3.80
Whithorn ..	4.13	1.02	24	14	3.15
Water Works Pen	4.27	0.70	19	14	..
Askenish ..	5.96	2.05	15	9	..
Grange Hill ..	12.15	3.95	25	13	2.39
King's Vale Police Stn. ..	3.74	0.90	27	9	2.80

Southern Division.	Feb., 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Morant Point L.H.	2.15	0.58	22	8	2.89
Pleasant Hill ..					
East Prospect ..	5.01	1.26	25	18	2.18
Morant Bay ..	3.07	0.75	25	12	1.98
Easington ..	2.10	0.50	15	11	1.43
Bull Bay ..	0.71	0.71	16	1	0.48
Bellevue ..	1.03	0.63	15	4	2.62
Gordon Town ..	0.52	0.14	20	9	1.63
Irish Town ..	0.91	..	..	..	1.34
Hope Gardens ..	0.56	..	..	..	1.18
King's House Gar.	0.00	..	..	0	1.27
Melrose ..	0.14	0.05	20	4	..
Half-way Tree ..	0.06	0.05	21	2	0.80
Lunatic Asylum	0.29	0.18	16	5	0.51
N. E. Kingston ..	0.34	0.13	16	7	0.60
Kingston P.W.O.	0.45	0.19	15	5	0.60
Upper Kingston ..	0.09	0.02	14	5	..
Plumb Point L.H.	1.33	0.32	18	12	0.65
Clifton Pen ..	0.00	..	..	0	0.48
Hematine ..	0.13	0.13	3	1	..
Quarantine Station					
Spanish Town ..	0.06	0.06	1	1	1.22
Hog Hole, St. Catherine ..	0.70	0.30	18	3	1.70
Hartlands ..	0.35	0.35	16	1	1.26
Old Harbour ..	0.42	0.20	19	3	1.67
May Pen ..	2.63	0.75	28	11	1.62
Dry River, Vere ..	1.05	0.70	16	3	1.09
Toll Gate ..	3.10	0.15	16	7	1.43
New Yarmouth ..	1.26	0.80	16	6	1.12
Exeter ..	1.48	1.25	16	4	1.13
Milk River ..	0.74	1.24	19	4	1.32
Retrieve ..	2.90	1.15	16	10	..
Hog Hole, S. Man.	2.90	0.60	14	10	..
Stone's Hope ..	1.99	1.12	12	5	2.03
Newport, Manchester ..	1.89	0.92	14	10	2.45
Great Valley, Man.	2.58	1.39	14	9	2.26
Alligator Pond ..	1.80	1.30	14	2	1.06
Fairfield ..	1.10	0.18	7	9	2.36
Southfield, St. Elizabeth ..	2.23	1.23	14	10	..
Lititz ..	2.67	1.13	19	4	1.58
Torrington ..	1.90	0.57	10	7	2.28
Bethlehem, St. Eliz.	3.22	1.25	16	7	2.26
Santa Cruz ..	2.42	1.12	16	9	2.33
Pedro Plains Police Stn. ..	1.16	0.48	14	3	1.08
Mountainside ..					
Black River ..	3.73	0.92	24	8	1.69
Font Hill ..	4.45	1.50	28	7	1.48
Mount Edgecombe	6.69	2.41	28	16	2.40
Sweet River ..	4.20	1.50	23	9	2.77
Windsor Sav-la-Mar	5.23	1.75	27	12	2.32
Orchard ..	5.96	1.52	27	16	2.27
Sav.-la-Mar ..	4.42	1.42	27	11	2.10
Little London ..	5.28	1.05	26	13	..
Retreat ..	8.14	1.86	26	13	2.51
Negril Point L.H.	5.30	1.97	24	14	1.74

NOTES.

COMPARATIVE TABLE OF RAINFALL.
(Based upon the "Average" Stations only.

DIVISIONAL AND ISLAND RAINFALL.	FEBRUARY. 1922.	FEBRUARY. Average.
	In.	In.
North-Eastern Division ...	4.74	5.51
Northern ,, ...	3.00	2.48
West-Central ,, ...	5.10	2.69
Southern ...	2.20	1.57
The Island ...	3.76	3.06

SHOCKS OF EARTHQUAKE IN FEBRUARY, 1922

Date.	Standard Time (Approx.)	Intensity.	Notes: where felt etc.
14	..	I	Negril—NW—SE

The mean rainfall for the month was nearly 25 per cent above the average.

The rains were well distributed in all the Divisions. But the West-central Division had nearly double.

Most of the rain fell during the latter half of the month. In the Southern Division there was a marked excess from the 14th to the 16th.

For the month the greatest fall occurred at Mount Holstein in the N.E. Division, viz. 16.14 ins.

In 24 hours the greatest fall is reported as 9.20 inches on the 18th, at Mount Holstein.

No rain fell at King's House Gardens, and Clifton Pen, in the Southern Division.

There were 23 rainy days at Spring Garden in the Parish of Portland.

J. F. BRENNAN,
Govt. Meteorologist.

Kingston, 25th March, 1922.

Morant Point Light House, Jamaica, Mean Meteorological Results for the Year 1921.

Elevation, 8 feet.

Month.	Barometer Pressure.		Temperatures.						Extremes for the Month.			Dewpoint and humidity.				Rain-fall.	Miles of Wind per diem.
	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.			
	in.	in.	°	°	°	°	°	°	°	°	°	°	%	°	%		
January	30.020	29.984	78.2	78.0	80.3	81.8	75.2	6.6	84.0	72.0	12.0	70.4	78	70.1	71	5.06	Anemometer out of repair.
February	30.011	29.975	77.7	76.7	80.2	82.3	73.8	8.5	84.0	65.0	19.0	69.8	79	69.8	71	3.15	
March	30.013	29.977	78.3	77.7	80.7	82.4	74.6	7.8	84.0	68.0	16.0	69.8	76	69.3	68	6.36	
April	29.996	29.957	78.5	77.7	81.7	83.2	73.5	9.7	85.0	65.0	20.0	70.1	77	69.9	67	2.52	
May	29.937	29.901	79.3	78.9	82.1	84.8	73.5	11.3	87.0	65.5	21.5	71.5	75	71.8	71	13.85	
June	29.945	29.923	81.7	81.8	83.0	86.2	77.9	8.3	87.0	72.5	14.5	73.8	78	73.5	73	3.17	
July	30.004	29.981	82.4	82.1	84.7	86.3	78.5	7.8	88.0	74.0	14.0	72.9	74	73.8	70	1.04	
August	29.979	29.952	82.3	81.8	84.9	87.1	77.3	9.8	89.0	71.0	18.0	74.0	77	73.7	69	5.34	
September	29.934	29.902	82.3	81.4	84.6	87.6	77.5	10.1	90.0	71.0	19.0	73.8	78	73.7	70	5.89	
October	29.910	29.863	81.9	81.2	84.6	87.0	76.7	10.3	88.5	71.0	17.5	73.5	77	73.3	69	4.67	
November	29.973	29.926	80.4	79.5	83.5	85.2	75.5	9.7	87.0	67.0	20.0	72.4	79	72.0	69	3.64	
December	29.983	29.939	79.0	78.4	81.6	83.3	74.6	8.7	86.0	67.0	19.0	70.3	76	70.1	68	5.26	
Means	29.975	29.940	80.2	79.6	82.7	84.8	75.7	9.1	86.6	69.1	17.5	71.8	77	71.7	70	..	
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	59.95	

MORANT POINT LIGHT HOUSE MEAN RESULTS, *continued.*

Month.	Wind from and miles per hour.				Clouds in tenths.						Remarks on 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	N	19	NE	18	2.3	3.1	1.7	1.3	0.8	1 0	Northers on 7 and 8, 16 and 17. Thunderstorms 19th. 16 rainy days.
February	NE	12	NE	12	3.0	1.9	1.6	1.8	0.8	.9	Norther 14th and 15th. 13 rainy days.
March	NE	16	NE	13	2 6	1.2	1.0	2.3	0.8	.8	Frequent rain squalls. Norther 21 and 22. 17 rainy days.
April	NE	10	ENE	10	3.4	1.6	1.3	1.6	0.5	.5	Fine and dry. 16 rainy days gave only 2.52 ins.
May	NE	10	NE	11	2.8	3.1	1.5	1.5	1.2	1.0	Thunderstorms 21, 23, 26. A rainy month.
June	ENE	13	ENE	14	3.0	3.0	1.8	0.5	1.3	2.3	Thunderstorms on 14th. 2 days heavy rain.
July	NE	17	NE	14	1.1	1.6	2.0	2.0	1.5	1 6	Easterly gale 13th and 14th. Thunderstorm on 12th. Dist. lightning frequent. A dry month.
August	NE	11	NE	12	2.0	1.1	1 8	2.4	1 0	2.1	Thunderstorms 1, 2, 27, 29 and 30th Dist. lightning nearly every night.
September	NE	9	ENE	11	1.2	1.4	1.7	2.7	2.2	2.1	Thunderstorms 1, 2, 16th 19th Dist. lightning frequent.
October	ENE	10	E	10	1.6	1.0	1.8	2.8	1.2	1.0	Fine weather, smooth sea: Dist. lightning frequent.
November	NNE	14	NE	13	2.3	1.0	1.7	2.8	0.9	.5	Thunderstorm 3rd.
December	N	16	N	16	1.6	1.1	1.7	2.3	0.9	1.0	High N and North-easterly winds 17th and 18th and 21 to 29th. Thunder storm 15th. Violent squall at midnight 15th.
Means	NEbN	13	NE	13	2.2	1.8	1.6	2.0	1.1	1.2	

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WEATHER REPORT.

FOR THE MONTH OF

MARCH, 1922.

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.

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METEOROLOGICAL RESULTS.

Stations.	Elevation.	Bar. Pressure.		Temperatures.					Extreme Temperatures.				
		7 a.m.	3 p.m.	7 a.m.	3p.m.	Max.	Min.	Range	Max.	Date.	Min.	Date.	Range
	ft.	in.	in.	°	°	°	°	°	°		°		°
Morant Pt. Light House	8	30.028	29.995	77.3	80.5	82.5	73.4	9.1	84.0	8*	64.5	16	19.5
Kingston	24	30.003	29.948	69.7	82.8	86.7	67.9	18.8	89.2	12	65.1	2	24.1
Negril Pt. Light House	33	30.003	29.956	71.3	81.1	84.3	67.5	16.8	87.4	18	64.0	10	23.4
Castleton Gardens	496	..	..	65.8	80.0	82.7	65.0	17.7	88	8	58	10	30
Hope Gardens†	668	30.025	29.942	72.8	84.6	87.1	67.4	19.7	92	15*	63	26	29
Stony Hill Indus. School	1,400	..	..	66.5	75.8	87.3	66.8	20.5	90	6*	66	2*	24
Kempshot	1,773	30.020	29.980	67.2	73.0	77.3	65.8	11.5	80.5	22	63.1	23	17.4
Hill Gardens	4,900	25.301	25.235	61.8	63.8	67.8	53.1	14.7	71	7*	47	9	24

Stations.	Elevation	Dew Point 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.	°		°		in.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Pt. Light House	8	69.2	76	69.3	69	2.72	..	NE	17.5	NE	15.0	3.1	2.3	0.1	1.1	3.4	0.2
Kingston	24	65.0	85	68.4	62	0.82	198	NNE	5.5	SE	16.4	1.3	1.6	0.7	3.4	4.0	0.5
Negril Point Light House‡	33	65.8	83	70.0	68	8.41	201	NE	9.4	VAR	9.8	1.5	0.9	0.6	2.8	4.6	0.6
Castleton Gdns	496	63.8	93	70.7	74	4.92	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	59.9	64	65.8	55	2.16	..	..	..	..	..	..	..	..	..	..	..
Stony Hill Indus. School	1,400	60.9	85	68.6	78	2.41	..	..	..	..	..	..	..	..	..	..	..
Kempshot	1,773	64.9	93	67.5	82	2.39	..	E	10.2	NE	6.0	3.2	2.1	0.0	3.4	3.1	0.1
Hill Gardens	4,900	58.6	90	59.7	87	4.82	..	..	..	..	..	..	..	..	..	..	..

*and on other days. †Hope Gardens. Bar. read at 9 a.m. and 3 p.m.
‡Negril Point Light House. Wind 11 p.m. N.E. 7.0.

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-division; 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.

NORTH-EASTERN DIVISION.	Mar., 1922				
	Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Manchioneal ..	4.54	2.18	3	7	..
Bath ..	6.32	1.25	26	19	3.98
Priestman's River	3.66	2.27	27	4	..
Moore Town ..	17.61	4.00	18	21	9.78
Port Antonio ..	5.35	1.00	3	16	4.76
Fellowship ..	10.39	3.26	30	10	7.31
Johnson River Bridge ..	5.49	0.70	19	21	2.32
Cedar Valley St., Thos. ..	2.63	0.53	3	8	3.07
Hill Gardens ..	4.82	1.10	23	12	4.88
Spring Garden ..	5.50	0.82	20	18	5.32
Buff Bay ..	4.20	0.94	25	13	5.54
Greenvale ..	16.56	5.43	23	14	..
Belvedere, Portland	7.88	1.75	25	15	..
Mt. Holstein ..					
Rose Hill ..	4.58	1.27	23	7	4.80
Hardware Gap ..	4.25	..	..	..	4.21
Stony Hill Ind. Sch.	2.41	0.86	28	11	3.10
Castleton Gardens	4.92	1.15	31	12	4.87
Lawrence Tavern	1.21	0.45	24	5	3.06
Zion Hill ..	4.03	2.00	29	5	..
Agualta Vale ..	3.68	1.02	19	16	4.40
Water Valley ..	3.73	1.08	20	18	4.25
Platfield ..	1.52	0.31	28	11	3.31
Richmond, St. Mary	3.98	1.40	25	10	3.63
Hampstead, St. Mary	4.45	0.55	20	13	5.08
Windsor Castle ..	5.16	1.49	25	6	..
Guy's Hill ..	2.86	1.18	25	9	..
Lucky Hill ..	3.20	0.71	19	12	2.93
Rio Hoe ..	2.60	0.92	25	5	3.55
Unity Valley ..	3.10	1.25	25	17	3.57
Moneague ..	3.42	1.00	25	13	3.10
Claremont ..	2.23	0.70	15	4	3.27
Albion, St. Ann ..	3.32	0.82	25	14	3.53
Averham Park .					

NORTHERN DIVISION.	Mch., 1922.				
	Total fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria ..	3.28	1.04	29	10	3.16
Ocho Rios ..	2.21	0.60	31	7	2.89
Bogue, Ocho Rios	2.70	0.60	26	8	4.12
Rockfield ..	3.44	0.82	28	8	4.22
Liberty Hill ..	1.63	0.40	30	9	4.39
St. Ann's Bay ..	2.57	1.17	30	3	2.85
Seville ..					
Richmond Estate					
Llandovery ..	2.83	0.93	31	4	2.95
Runaway Bay ..	1.76	0.46	19	7	..
Brown's Town ..	1.15	0.60	20	6	3.08
Alexandria ..	0.78	0.20	25	7	..
Watt Town, St. Ann	1.58	0.70	28	4	..
Richmond Pen ..	1.53	0.75	29	6	2.52
Bryan Castle ..	1.30	0.35	19	7	2.08
Braco ..	2.25	0.80	1	7	1.72
Harmony Hall ..	1.96	0.90	18	5	1.97
Georgia ..					
Falmouth ..	0.75	0.28	22	6	1.74
Good Hope ..	0.86	0.24	20	4	..
Hampden ..	1.54	0.45	4	9	..
Guilsbro ..					
Success ..					
Cinnamon Hill ..					
Rose Hall ..					
Tryall ..					
Running Gut ..					
Spring Estate ..					
Montego Bay ..	1.23	1.15	22	3	1.69
Friendship ..	2.98	2.50	20	4	..
Retirement ..	2.38	2.14	20	5	..
King Gate ..	0.40	0.25	20	3	2.81
Blue Hole ..	5.56	3.15	20	3	..
Kew ..	3.47	1.88	20	7	3.30
Haughton Court ..	4.45	3.15	20	6	2.17
Lucea ..	3.88	2.25	20	5	2.37
Green Island ..	4.47	2.05	30	9	..
CENTRAL SUB-DIVISION					
Rio Magno ..	4.35	1.50	27	1	..
Headworks, Rio Cobre ..	3.78	1.30	1	5	2.93
Linstead ..	5.29	1.53	4	7	3.06
Berkshire Hall ..	2.15	0.40	25	14	2.65
Point Hill ..	5.18	1.50	29	6	4.88
Bellas Gate ..	2.25	1.00	19	3	..
Croft Hill ..	1.50	0.60	19	12	3.07
Chapelton ..	1.68	0.43	19	10	2.83
Frankfield ..	1.35	0.70	31	2	..

West-Central Division.	Mch., 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Mocho, Clarendon	3.40	0.97	29	9	3.67
Spaldings ..	2.01	0.76	19	9	..
Brokenhurst ..	4.18	1.23	29	10	3.25
Christiana ..	1.19	0.30	19	9	4.84
Chudleigh ..	1.30	0.58	21	9	4.30
Shooter's Hill ..	1.76	0.73	29	10	3.34
Kendal, Manchester	1.62	0.60	29	7	3.67
Clifton Hill ..	1.98	0.80	19	6	..
Marshalls Pen ..	1.14	0.49	19	6	4.38
Mandeville ..	1.71	0.57	19	13	4.57
Carlton, Mandeville	1.63	0.70	19	6	4.57
Ulster Spring ..					
Broadleaf Water					
Freeman's Hall ..					
Albert Town ..					
Lowe River ..					
Troy ..	0.55	0.55	21	1	5.58
Balaclava Police Station ..	2.89	1.38	21	4	4.89
Wallingford ..	3.02	1.80	21	5	5.32
Magotty ..	6.54	2.72	21	8	5.98
Springfield, St. Elizabeth ..	6.15	1.60	28	10	..
Kempshot ..	2.39	1.86	19	7	3.12
Cambridge, St. James ..	7.98	2.81	20	10	..
Kew Park ..	6.21	1.80	20	11	4.50
New Market, Police Stn. ..	6.35	2.14	19	12	..
The Bog, New Market ..	8.68	2.00	19	16	..
Bethel Town ..	8.10	3.12	20	11	..
Montpelier ..					
Ramble ..	5.49	2.21	20	9	..
Burnt Ground ..	5.14	1.48	20	8	4.55
Knockalva ..	4.99	2.08	20	10	..
Petersville ..	6.46	2.04	19	14	5.32
Darliston ..	7.72	1.59	28	14	6.42
Bluefields ..	11.77	3.00	28	9	7.26
Whithorn ..	5.97	2.00	20	12	4.90
Water Works Pen	7.28	2.85	20	14	..
Askenish ..	6.26	2.23	20	8	..
Grange Hill ..	8.91	1.68	1	14	5.31
King's Vale Police Stn. ..	4.24	0.85	28	11	4.61

Southern Division.	Mch., 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Morant Point L.H.	2.72	0.65	3	14	2.15
Pleasant Hill ..	4.92	1.12	2	13	..
East Prospect ..	2.69	0.94	3	19	2.47
Morant Bay ..	1.52	0.70	3	8	1.77
Easington ..	1.04	0.22	30	7	1.41
Bull Bay ..	0.12	0.12	29	1	0.46
Bellevue ..	2.11	0.47	29	9	2.77
Gordon Town ..	1.82	0.93	21	9	1.73
Irish Town ..	2.31	..	..	..	2.30
Hope Gardens ..	2.16	..	..	..	2.02
King's House Gar.	1.15	..	..	..	1.57
Melrose ..					
Half-way Tree ..	0.78	0.30	29	4	1.29
Lunatic Asylum	0.95	0.32	1	7	1.00
N. E. Kingston ..	1.14	0.48	1	8	1.12
Kingston P.W.O.	0.82	0.32	24	6	1.02
Upper Kingston ..	1.37	0.45	3	8	..
Plumb Point L.H.	1.13	0.21	3	15	0.96
Clifton Pen ..	0.88	0.31	3	4	1.26
Hematine ..	0.62	0.43	1	4	..
Quarantine Station	0.07	0.07	14	1	0.96
Spanish Town ..	0.66	0.43	1	3	2.04
Hog Hole, St. Catherine ..	3.23	1.73	1	5	2.11
Hartlands ..	1.05	0.85	1	2	1.85
Old Harbour ..	2.14	1.60	1	2	2.54
May Pen ..	4.01	2.17	1	8	2.67
Dry River, Vere ..	2.65	1.14	22	5	1.79
Toll Gate ..	2.12	0.80	19	5	3.01
New Yarmouth ..	2.56	1.35	22	3	1.41
Exeter ..					
Milk River ..	1.50	0.75	19	4	1.90
Retrieve ..	3.02	0.63	26	3	..
Hog Hole, S. Man.					
Stone's Hope ..	2.31	0.92	19	5	2.84
Newport, Manchester ..	2.82	0.78	29	10	3.37
Great Valley, Man.	3.82	2.75	1	10	2.57
Alligator Pond ..	2.25	2.15	1	2	1.86
Fairfield ..	1.87	0.88	21	8	4.06
Southfield, St. Elizabeth ..	1.77	0.67	20	5	..
Lititz ..					
Torrington ..	1.14	0.25	22	9	3.50
Bethlehem, St. Eliz.	1.87	0.97	22	6	4.19
Santa Cruz ..	4.09	1.36	22	9	4.70
Pedro Plains Police Stn. ..	1.46	1.08	24	3	1.77
Mountainside ..					
Black River ..	2.05	0.39	22	9	2.64
Font Hill ..	2.05	0.40	24	7	3.69
Mount Edgecombe	7.25	1.77	19	16	4.04
Sweet River ..	6.20	2.00	20	12	3.50
Windsor Sav-la-Mar	5.23	1.60	1	11	2.97
Orchard ..	4.53	1.21	1	12	4.41
Sav.-la-Mar ..	5.08	1.30	1	14	2.78
Little London ..	4.96	1.69	1	13	..
Retreat ..	7.71	1.14	2	13	3.57
Negril Point L.H.	8.41	1.76	29	17	2.59

NOTES.

COMPARATIVE TABLE OF RAINFALL.
(Based upon the "Average" Stations only.)

DIVISIONAL AND ISLAND RAINFALL.	MARCH. 1922.	MARCH. Average.
	In.	In.
North-Eastern Division ...	5.60	4.68
Northern " ...	2.52	2.42
West-Central " ...	4.08	4.34
Southern ...	2.58	2.25
The Island ...	3.44	3.42

SHOCKS OF EARTHQUAKE IN MARCH, 1922

Date.	Standard Time (Approx.)	Intensity.	Notes: where felt etc.

The average rainfall for the month was equal to the average, with fair rainfall in each Division.

At Moore Town the greatest fall for the month occurred 17.61 ins.

Kingston, 26th April, 1922.

J. F. BRENNAN,
Govt. Meteorologist.

No. 531.

JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

APRIL, 1922.

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 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, cirro-stratus.

METEOROLOGICAL RESULTS.

Stations.	Elevation.	Bar. Pressure.		Temperatures.					Extreme Temperatures.				
		7 a.m.	3 p.m	7 a.m.	3p.m	Max.	Min.	Range	Max.	Date.	Min.	Date.	Range
	ft.	in.	in.	°	°	°	°	°	°		°		°
Morant Pt Light House	8	30.032	30.002	78.9	81.4	83.3	74.7	8.6	85.5	20	66.0	2	19.5
Kingston ..	24	30.041	29.946	73.0	83.6	87.8	69.6	18.2	91.4	15	65.1	1	26.3
Negril Pt. Light House	33	30.001	29.954	74.5	82.3	85.8	69.3	16.5	89.5	25	65.8	25	23.7
Castleton Gardens ..	496	..	..	66.8	79.0	84.2	65.7	18.5	89	10	62	24	27
Hope Gardens† ..	668	30.030	29.953	76.2	86.8	88.5	67.0	21.5	92	10*	63	1	29
Stony Hill Indus. School	1,400	..	..	66.3	75.3	87.5	66.6	20.9	90	7*	66	5*	24
Kempshot ..	1,773	30.006	29.958	68.2	75.3	78.3	66.0	12.3	81.9	11	65.2	11	16.7
Hill Gardens ..	4,900	25.317	25.284	62.7	64.5	68.1	55.6	12.5	70	3*	52	19	18

Stations.	Elevation.	Dew Point 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.	°		°		in.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Pt. Light House	8	70.3	75	70.2	69	0.78	..	NE	15.0	NE	13.4	0.8	3.2	0.4	0.2	2.3	0.6
Kingston	24	66.4	79	69.1	62	0.10	229	NNE	4.4	SE	19.9	2.2	1.1	0.8	3.2	2.9	0.3
Negril Point Light House‡	33	68.1	80	70.4	67	4.82	181	NE	7.4	VAR	8.8	0.6	1.0	2.3	2.3	5.9	0.0
Castleton Gdns	496	64.6	93	69.4	82	6.18	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	62.8	64	65.8	50	0.58	..	..	..	..	..	..	..	..	..	..	..
Stony Hill Indus. School	1,400	60.6	82	68.0	78	0.55	..	..	..	..	..	..	..	..	..	..	..
Kempshot	1,773	64.8	89	69.5	82	0.71	..	E	10.8	ENE	4.4	1.4	1.5	0.8	1.7	5.8	0.1
Hill Gardens	4,900	56.9	80	60.4	84	2.04	..	..	..	..	..	..	..	..	..	..	..

*and on other days. †Hope Gardens. Bar. read at 9 a.m. and 3 p.m.
‡Negril Point Light House. Wind 11 p.m. E.N.E. 6.1.

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.

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A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition.

North-Eastern Division.	April, 1922.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
	In.	In.			In.
Manchioneal ..	1.98	0.50	25	9	7.87
Bath ..	2.40	0.55	6	13	6.76
Priestman's River	3.17	1.03	6	8	..
Moore Town ..	6.92	2.24	26	14	11.76
Port Antonio ..	3.77	0.85	19	18	6.85
Fellowship ..	4.79	0.65	4	24	10.29
Johnson River Bridge ..	1.94	0.55	9	9	4.85
Cedar Valley St., Thos. ..	1.26	0.55	25	4	4.54
Hill Gardens ..	2.04	1.20	25	7	5.98
Spring Garden ..	5.80	2.30	5	15	6.79
Buff Bay ..	5.42	2.58	4	15	7.06
Greenvale ..	12.43	6.12	25	10	10.01
Belvedere, Portland	4.47	1.00	19	10	..
Mt. Holstein ..					
Rose Hill ..	1.09	0.64	13	2	8.62
Hardware Gap ..	0.44	..	..	..	6.89
Stony Hill Ind. Sch.	0.55	.22	28	7	5.49
Castleton Gardens	6.18	2.78	30	11	6.61
Lawrence Tavern	2.90	.85	25	4	4.65
Zion Hill ..	5.38	1.50	26	7	..
Agualta Vale ..	2.69	1.23	26	12	5.34
Water Valley ..	2.09	0.52	4	12	4.96
Platfield ..	3.26	1.3	4	8	4.39
Richmond, St. Mary	3.36	2.25	4	10	4.95
Hampstead, St. Mary	3.95	1.46	26	7	6.51
Windsor Castle ..	2.16	1.20	4	7	..
Guy's Hill ..	4.26	1.46	5	9	..
Lucky Hill ..	2.85	0.70	26	8	6.01
Rio Hoe ..	3.41	1.35	4	5	4.62
Unity Valley ..	2.79	1.2	4	10	5.01
Moneague ..	3.25	1.10	4	8	4.69
Claremont ..	..	..	..	..	4.17
Alliton, St. Ann ..	2.14	0.53	4	8	4.65
Averham Park ..					

Northern Division.	April, 1922.				
	Total fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
	In.	In.			In.
Port Maria ..	3.56	0.94	8	9	4.36
Ocho Rios ..	1.25	0.60	8	4	3.90
Bogue, Ocho Rios	1.07	0.45	4	5	6.27
Rockfield	2.33	1.25	25	8	6.52
Liberty Hill ..	1.27	0.35	3	6	5.10
St. Ann's Bay ..	0.61	0.28	4	5	4.16
Seville ..	..	..	..	..	..
Richmond Estate	..	..	..	..	..
Llandovery ..	..	..	..	..	..
Runaway Bay ..	0.00	..	..	0	..
Brown's Town ..	1.32	1.15	25	5	3.95
Alexandria ..	..	..	..	..	..
Watt Town, St. Ann	0.95	0.35	5	4	..
Richmond Pen ..	0.77	0.77	26	2	3.98
Bryan Castle ..	0.18	0.18	5	1	2.44
Braco ..	0.15	0.15	5	1	2.34
Harmony Hall ..	0.07	.07	4	1	2.24
Georgia ..					
Falmouth ..	0.01	0.01	25	1	2.25
Good Hope ..	0.20	0.20	29	1	..
Schawfield ..	0.37	0.37	27	1	..
Hampden ..	0.35	0.28	26	2	2.90
Guilsbro ..	..	..	..	..	..
Success ..	0.00	..	..	0	2.10
Cinnamon Hill ..	0.00	..	..	0	2.00
Rose Hall ..	0.00	..	..	0	1.98
Tryall ..	0.00	..	..	0	..
Running Gut ..	0.00	..	..	0	1.96
Spring Estate ..	0.00	..	..	0	2.07
Montego Bay ..	0.12	0.08	26	2	3.41
Friendship ..	0.42	0.28	26	2	..
Retirement ..	0.53	0.28	26	2	..
King Gate ..	0.31	0.26	30	2	4.77
Blue Hole ..	0.15	0.15	15	1	..
Kew ..	0.54	0.13	8	6	4.43
Haughton Court ..	0.10	0.05	7	2	3.72
Lucea ..	0.07	0.04	8	3	4.01
Green Island ..	2.18	0.82	15	8	..
Central Sub-Division					
Rio Magno .	3.37	1.05	29	8	..
Headworks, Rio Cobre ..	1.95	1.75	26	3	3.71
Linstead ..	5.00	1.88	27	12	4.74
Berkshire Hall ..	2.63	0.90	26	12	4.15
Point Hill ..	1.33	0.92	20	3	6.38
Bellas Gate ..	0.35	0.35	13	1	..
Croft Hill ..	1.22	0.40	23	9	4.67
Chapelton ..	1.09	0.95	23	3	4.04
Frankfield ..	0.65	0.65	30	1	..

West-Central Division.	April 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Mocho, Clarendon	0.64	0.46	23	3	5.54
Spaldings ..	1.56	0.52	22	10	..
Brokenhurst ..	0.94	0.72	23	5	5.76
Christiana ..	2.62	1.14	6	8	7.49
Chudleigh ..	1.37	0.50	22	8	7.08
Shooter's Hill ..	1.28	0.44	2	7	5.14
Kendal, Manchester	1.13	0.38	6	6	6.97
Clifton Hill ..	2.17	1.05	6	3	..
Marshalls Pen ..	1.10	0.58	6	6	6.74
Mandeville ..	1.45	0.57	6	8	5.98
Carlton, Mandeville	1.44	0.77	6	7	..
Ulster Spring ..					
Broadleaf Water					
Freeman's Hall ..					
Albert Town ..					
Lowe River ..					
Troy ..	1.35	0.50	3	6	9.32
Balaclava Police Station ..	2.04	1.04	3	6	10.10
Wallingford ..	1.89	1.04	3	7	9.26
Magotty ..	5.76	1.65	27	7	10.06
Springfield, St. Elizabeth ..	7.73	2.20	27	13	..
Kempshot ..	0.71	0.32	8	4	5.45
Cambridge, St. James ..	3.47	1.48	13	9	..
Kew Park ..	2.00	0.58	30	15	8.21
New Market, Police Stn. ..	8.74	1.90	27	16	..
The Bog, New Market ..	6.82	1.10	27	15	..
Bethel Town ..	2.10	0.73	15	9	..
Montpelier ..	..				
Ramble ..	1.62	0.26	12	11	..
Burnt Ground ..	1.19	0.30	27	9	6.07
Knockalva ..	3.28	1.00	28	11	..
Petersville ..	4.53	0.92	5	15	7.35
Darliston ..	7.53	2.05	27	19	11.31
Bluefields ..	4.85	0.95	30	8	7.81
Whithorn ..	2.11	1.30	27	7	7.31
Water Works Pen	3.19	1.90	27	8	..
Askenish ..	6.36	2.40	27	10	..
Grange Hill ..	5.32	1.40	13	9	6.50
King's Vale Police Stn. ..	1.63	0.70	15	6	5.97

Southern Division.	April, 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Morant Point L.H.	0.78	0.29	22	10	3.53
Pleasant Hill ..	0.80	0.35	18	4	..
East Prospect ..	0.95	0.29	3	10	5.43
Morant Bay ..	0.85	0.36	4	5	3.27
Easington ..	0.08	0.08	19	1	2.23
Bull Bay ..	0.10	0.10	26	1	1.21
Mavis Bank ..	0.00	..	..	..	..
Bellevue ..	0.92	0.28	25	7	2.73
Gordon Town ..	0.24	0.21	25	2	3.46
Irish Town ..	..	..	..	..	..
Hope Gardens ..	0.58	..	..	..	2.97
King's House Gar.	0.61	..	..	..	2.64
Melrose ..					
Half-way Tree ..	1.08	1.00	22	2	2.00
Lunatic Asylum	0.12	0.07	25	2	1.66
N. E. Kingston ..	0.17	0.09	25	2	2.34
Kingston P.W.O.	0.10	0.05	4	2	1.24
Upper Kingston ..	0.11	0.07	25	2	..
Plumb Point L.H.	0.66	0.25	25	4	1.23
Clifton Pen ..	0.30	0.30	22	1	2.19
Hematine ..	0.87	0.31	21	5	..
Quarantine Station	0.04	0.04	26	1	1.93
Spanish Town ..	1.18	0.42	22	4	2.48
Hog Hole, St. Catherine ..	2.11	1.35	23	5	3.04
Hartlands ..	0.40	0.19	22	3	3.35
Old Harbour ..	1.32	1.00	22	3	3.01
May Pen ..	0.72	0.53	19	3	3.11
Dry River, Vere ..	0.11	0.11	21	1	3.05
Toll Gate ..	1.15	0.65	23	5	5.40
New Yarmouth ..	0.49	0.20	21	3	2.43
Exeter ..					
Milk River ..	0.60	0.30	23	2	2.62
Retrieve ..	1.06	0.31	22	6	..
Hog Hole, S. Man.					
Stone's Hope ..	0.62	0.37	22	4	4.57
Newport, Manchester ..	1.15	0.83	22	5	5.41
Great Valley, Man.	1.22	0.59	23	5	4.22
Alligator Pond ..	0.85	0.40	2	3	3.36
Fairfield ..	2.31	1.15	6	9	6.08
Southfield, St. Elizabeth ..	1.43	0.81	2	7	..
Lititz ..	0.00	..	..	0	4.64
Torrington ..	1.77	0.61	6	8	4.61
Bethlehem, St. Eliz.	2.80	0.82	6	11	6.36
Santa Cruz ..	3.98	1.10	7	11	9.25
Pedro Plains Police Stn. ..	1.73	1.25	6	2	2.40
Mountainside ..					
Black River ..	1.87	0.57	20	8	4.20
Font Hill ..	3.85	1.65	20	8	4.46
Mount Edgecombe	4.19	0.46	13	20	5.51
Sweet River ..	2.60	1.70	27	4	5.78
Windsor Sav-la-Mar	2.26	1.40	27	6	5.11
Orchard ..	2.63	2.02	27	8	6.06
Sav.-la-Mar ..	1.15	0.75	27	5	5.21
Little London ..	4.65	2.95	28	8	..
Retreat ..	5.98	3.67	27	9	5.02
Negril Point L.H.	4.82	1.92	27	11	2.92

NOTES.

COMPARATIVE TABLE OF RAINFALL.
(Based upon the "Average" Stations only.)

DIVISIONAL AND ISLAND RAINFALL.	APRIL. 1922.	APRIL. Average.
	In.	In.
North-Eastern Division ...	3.53	6.21
Northern " ...	0.94	3.34
West-Central " ...	2.40	7.06
Southern ...	1.40	3.50
The Island ...	2.07	5.03

SHOCKS OF EARTHQUAKE IN APRIL, 1922

Date.	Standard Time (Approx.)	Intensity.	Notes: where felt etc.
17	2. 12 p.m.	II	Franklin Town; Stony Hill; Pleasant Hill; no record in Kingston.

The rainfall for April was less than half the average, with light rains over the Island except to the extreme North where no rains fell.

The greatest fall was 12.43 at Greenvale in the North Eastern Division.

I regret to have to say that owing to temporary bad eyesight Mr. J. F. Brennan has had to obtain six months sick leave.

C. MAXWELL HALL,

Acting Government Meteorologist.

Montego Bay, May 22nd; 1922.

No. 532.

JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

MAY, 1922.

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 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, cirro-stratus.

METEOROLOGICAL RESULTS.

Stations.	Elevation.	Bar. Pressure.		Temperatures.					Extreme Temperatures.				
		7 a.m.	3 p.m	7 a.m.	3p.m	Max.	Min.	Range	Max.	Date.	Min.	Date.	Range
	ft.	in.	in.	°	°	°	°	°	°		°		°
Morant Pt. Light House	8	29.965	29.921	80.0	82.6	84.7	76.2	8.5	87.0	20	72.0	12	15.0
Kingston ..	24	29.929	29.879	78.5	84.1	88.1	72.9	15.2	91.5	6	69.7	3	21.8
Negril Pt. Light House	33	29.924	29.886	77.4	82.0	84.8	71.4	13.4	88.7	10	67.9	4	20.8
Castleton Gardens ..	496	..	..	68.9	80.8	85.7	67.8	17.9	92	31	65	1*	27
Hope Gardens† ..	668	29.949	29.881	78.5	88.2	89.3	68.7	20.6	94	31	66	2*	28
Stony Hill Indus. School	1,400	..	..	68.4	76.7	86.7	67.2	19.5	90	6*	66	2*	24
Kempshot ..	1,773	29.956	29.915	70.4	76.3	80.0	67.8	12.2	82.3	4	66.2	21	16.1
Hill Gardens ..	4,900	25.257	25.234	62.9	64.7	68.2	56.1	12.1	71	26	54	9*	18

Stations.	Elevation	Dew Point 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.	°		°		in.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Pt. Light House	8	72.4	78	72.6	72	4.45	.	ENE	12.6	E	12.8	2.4	1.7	1.5	1.7	2.1	1.7
Kingston	24	69.9	75	73.5	71	0.28	286	E	7.2	SE	19.9	2.0	1.1	2.3	3.5	1.2	1.6
Negril Point Light House‡	33	70.1	78	72.4	73	5.60	244	E	8.1	SE	12.1	1.9	0.5	4.8	3.2	4.6	1.0
Castleton Gdns	496	66.9	93	74.4	80	4.10	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	61.6	56	64.4	45	1.40	..	..	..	..	..	..	..	..	..	..	..
Stony Hill Indus. School	1,400	63.3	85	69.7	79	3.60	..	..	..	..	..	..	..	..	..	..	..
Kempshot	1,773	65.1	83	68.8	78	5.39	..	E	6.1	ENE	2.6	2.8	0.4	1.3	0.7	3.4	3.3
Hill Gardens	4,900	59.0	87	60.5	87	2.25	..	..		.	..	..	..	..	..	..	..

*and on other days. †Hope Gardens. Bar. read at 9 a.m. and 3 p.m.
‡Negril Point Light House. Wind 11 p.m. E. 8.0.

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Weather Bureau

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-division; 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.

North-Eastern Division.	May, 1922.				
	Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Manchioneal ..	4.65	3.20	15	10	14.53
Bath ..	18.66	5.60	13	15	..
Priestman's River	10.93	4.00	13	11	..
Moore Town ..	16.33	3.00	21	13	18.97
Port Antonio ..	6.18	1.27	14	16	15.62
Fellowship ..	6.38	1.92	14	13	18.34
Johnson River Bridge ..	10.23	1.94	13	21	9.97
Cedar Valley St., Thos. ..	10.33	2.44	16	10	9.75
Hill Gardens	2.25	0.55	13	9	10.43
Spring Garden	2.23	0.68	15	9	8.98
Buff Bay	2.11	0.90	1	3	8.49
Greenvale	..	..	..	..	..
Belvedere, Portland	2.18	0.50	14	8	
Mt. Holstein ..	5.24	2.44	4	6	9.29
Rose Hill ..	..	..	..	..	..
Hardware Gap	4.52	..	..	..	11.92
Stony Hill Ind. Sch.	3.60	1.38	4	9	9.82
Castleton Gardens	4.10	0.97	31	12	12.67
Lawrence Tavern	2.28	1.07	14	4	9.34
Zion Hill	9.93	2.24	14	8	..
Agualta Vale ..	3.38	1.23	13	7	6.9
Water Valley ..	3.00	0.90	15	8	7.73
Platfield ..	4.64	1.03	15	8	9.96
Richmond, St. Mary	2.67	0.90	5	8	7.76
Hampstead, St. Mary	1.68	0.90	13	6	8.38
Windsor Castle ..	2.96	0.60	14	14	..
Guy's Hill ..	5.36	2.10	21	11	..
Lucky Hill ..	..	..	..	..	..
Gayle ..	5.65	1.78	6	12	8.22
Rio Hoe ..	3.66	1.50	22	5	8.18
Unity Valley ..	4.01	1.53	21	12	9.97
Moneague ..	5.62	2.45	21	8	8.37
Claremont ..	3.50	1.40	21	5	7.14
Albion, St. Ann ..	3.84	0.82	21	11	8.37
Averham Park ..	3.16	1.37	21	9	7.58

Northern Division.	May, 1922.				
	Total fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria ..	1.95	0.48	15	8	6.70
Ocho Rios ..	0.45	0.25	22	3	5.80
Bogue, Ocho Rios	0.47	0.30	22	4	5.99
Rockfield	1.89	1.15	22	4	7.56
Liberty Hill ..	0.80	0.60	22	3	4.88
St. Ann's Bay ..	1.80	1.25	5	4	5.69
Seville ..	..	..	..	..	..
Richmond Estate	..	..	..	..	..
Llandovery ..	0.50	0.30	22	2	6.65
Runaway Bay ..	0.85	0.46	25	6	..
Brown's Town	1.52	0.55	10	5	6.96
Alexandria ..	2.35	0.83	4	6	..
Watt Town, St. Ann	3.33	1.00	9	6	..
Richmond Pen ..	..	..	..	..	..
Bryan Castle ..	..	..	..	..	..
Braco ..	..	..	..	..	..
Harmony Hall ..	0.28	0.18	22	2	4.68
Georgia ..					
Falmouth ..	1.37	0.36	6	9	4.82
Good Hope ..	5.95	1.25	7	17	..
Schawfield ..	5.78	1.21	6	10	..
Hampden ..	4.76	1.11	16	14	7.59
Guilsbro	..	..	..	..	..
Success ..	2.48	0.82	17	7	4.51
Cinnamon Hill ..	2.45	0.75	17	7	5.11
Rose Hall	2.06	0.71	17	7	4.44
Tryall ..	2.90	0.83	13	8	..
Running Gut ..	2.82	0.85	17	7	5.14
Spring Estate	3.79	0.94	13	5	4.57
Montego Bay ..	8.60	1.86	16	16	7.44
Friendship ..	4.[illegible]	1.60	22	11	..
Retirement ..	6.70	1.20	22	16	..
King Gate	6.10	1.07	4	13	8.81
Blue Hole	9.05	2.12	16	9	..
Kew ..	20.84	6.00	6	20	11.30
Haughton Court ..	20.60	6.10	6	19	8.33
Lucea ..	15.72	5.30	6	19	8.16
Green Island ..	6.78	1.72	22	14	..
Central Sub-Division					
Rio Magno	5.25	1.62	21	9	..
Headworks, Rio Cobre ..	0.62	0.62	14	1	7.95
Linstead ..	6.22	2.30	10	12	10.09
Berkshire Hall ..	6.35	1.65	21	14	7.56
Point Hill ..	2.90	0.66	5	7	12.68
Bellas Gate ..	0.90	0.50	17	2	..
Croft Hill ..	1.97	0.70	4	8	8.14
Chapelton ..	1.45	0.56	16	5	9.12
Frankfield ..	3.07	1.20	1	7	..
Crooked River ..	1.09	1.05	2	2	..

West-Central Division.	May, 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Mocho, Clarendon	3.58	1.62	1	7	12.15
Spaldings	3.38	0.98	22	15	..
Brokenhurst	4.98	1.40	16	9	10.19
Christiana	2.70	0.62	16	13	11.53
Chudleigh	3.34	0.69	13	10	11.26
Shooter's Hill	2.74	1.09	1	8	7.89
Kendal, Manchester	3.35	0.84	1	8	10.95
Clifton Hill	5.45	1.70	5	10	..
Marshalls Pen	3.28	1.28	16	7	10.77
Mandeville	3.85	1.30	5	16	10.88
Carlton, Mandeville	3.64	1.30	5	10	..
Ulster Spring	3.35	0.90	15	7	11.97
Broadleaf Water	..	..	..	..	..
Freeman's Hall	..	..	..	..	..
Albert Town	3.15	1.35	15	5	11.14
Lowe River	1.50	0.97	4	3	11.43
Troy	3.35	1.50	25	9	16.06
Balaclava Police Station	3.96	1.40	11	8	12.78
Wallingford	3.37	1.36	11	8	12.25
Magotty	6.58	1.56	1	9	14.31
Springfield, St. Elizabeth	9.35	3.00	1	9	..
Kempshot	5.39	1.85	8	8	10.32
Cambridge, St. James	14.37	2.31	12	18	..
Kew Park	12.98	2.51	11	17	12.82
New Market, Police Stn.	7.71	2.47	1	10	..
The Bog, New Market	9.79	1.65	16	12	.
Bethel Town	16.43	3.14	13	16	..
Montpelier	..	..	..	..	..
Rainble	16.35	3.00	13	18	..
Burnt Ground	10.91	2.20	13	20	13.21
Knockalva	14.20	4.10	13	18	..
Petersville	8.56	3.71	3	10	11.39
Darliston	6.96	1.37	15	13	16.74
Bluefields	..	..	..	..	..
Whithorn	7.00	1.35	1	13	13.87
Water Works Pen	6.58	2.05	1	15	..
Askenish	14.55	2.65	22	18	..
Grange Hill	14.02	4.60	11	16	13.18
King's Vale Police Stn.	13.09	2.73	31	12	11.43

Southern Division.	May, 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Morant Point L.H.	4.45	2.51	13	12	9.35
Pleasant Hill	9.68	4.25	13	16	..
East Prospect	11.60	3.53	13	12	10.10
Morant Bay	9.23	2.35	13	11	7.59
Easington	5.39	1.80	16	10	6.82
Bull Bay	0.75	0.75	16	1	3.83
Mavis Bank	0.55	0.34	25	2	..
Bellevue	3.96	0.81	16	9	9.41
Gordon Town	1.12	0.66	14	3	7.83
Irish Town	3.80	..	..	..	6.87
Hope Gardens	1.40	..	..	..	6.47
King's House Gar.	1.23	..	..	..	6.34
Melrose	..	..	..	..	..
Half-way Tree	1.27	0.90	7	3	5.01
Lunatic Asylum	0.44	0.18	14	6	3.70
N. E. Kingston	0.44	0.18	14	7	4.14
Kingston P.W.O.	0.28	0.15	13	5	4.39
Upper Kingston	0.13	0.12	13	2	..
Plumb Point L.H.	0.97	0.56	13	9	4.96
Clifton Pen	0.14	0.08	13	2	4.83
Hematine	1.28	1.03	14	4	..
Quarantine Station	0.29	0.21	14	4	4.31
Spanish Town	1.51	1.38	14	2	6.21
Hog Hole, St. Catherine	1.70	1.60	14	2	7.16
Hartlands	0.28	0.14	14	3	6.00
Old Harbour	1.59	1.09	14	2	6.08
May Pen	1.07	0.52	14	6	7.21
Dry River, Vere	1.29	0.48	13	7	5.61
Toll Gate	1.72	0.72	16	3	8.69
New Yarmouth	..	..	..	..	..
Exeter	..	..	..	..	..
Milk River	..	..	..	..	..
Retrieve	3.98	1.72	13	6	..
Hog Hole, S. Man.	..	..	..	..	..
Stone's Hope	5.57	1.50	13	8	9.06
Newport, Manchester	6.92	2.78	16	12	8.64
Great Valley, Man.	3.25	1.36	13	9	6.86
Alligator Pond	1.74	0.60	14	4	5.62
Fairfield	3.85	2.88	16	9	8.13
Southfield, St. Elizabeth	2.04	0.82	13	5	..
Lititz	1.51	0.70	16	5	6.98
Torrington	0.94	0.45	14	3	7.06
Bethlehem, St. Eliz.	0.89	0.41	16	6	7.82
Santa Cruz	2.88	1.00	3	7	12.01
Pedro Plains Police Stn.	0.71	0.43	14	3	3.81
Mountainside	..				
Black River	3.38	0.81	2	7	6.89
Font Hill	1.85	0.75	16	6	7.78
Mount Edgecombe	4.24	1.44	3	11	8.29
Sweet River	8.35	3.50	1	11	9.71
Windsor Sav-la-Mar	7.13	2.75	1	11	9.25
Orchard	6.27	2.37	1	14	9.02
Sav.-la-Mar	7.07	2.76	1	9	8.52
Little London	7.63	1.85	14	11	..
Retreat	6.61	1.72	13	9	8.88
Negril Point L.H.	5.60	2.46	13	9	6.19

NOTES.

COMPARATIVE TABLE OF RAINFALL.
(Based upon the "Average" Stations only.)

DIVISIONAL AND ISLAND RAINFALL.	MAY. 1922.	MAY. Average.
	In.	In.
North-Eastern Division ...	4.82	10.39
Northern " ...	4.49	6.95
West-Central " ...	5.74	12.38
Southern " ...	3.13	6.78
The Island ..	4.54	9.12

SHOCKS OF EARTHQUAKE IN MAY, 1922

Date.	Standard Time (Approx.)	Intensity.	Notes: where felt etc.
30	3.35 a.m.	I	Mt. Holstein.

The rainfall for May was half the average. Light rains fell over the Island, only three Stations in the North-Eastern Division, five in the Northern, three in the West-Central and four in the Southern Division recording falls anything like their averages.

At the West-end the rainfall was excessive; Kew Estate having the heaviest fall of 20.84 inches.

The lightest fall 0.13 was recorded at "Upper Kingston"; Mr. Brennan's residence.

C. MAXWELL HALL,

Acting Government Meteorologist.

Montego Bay, June 19th, 1922.

No. 533.

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WEATHER REPORT.

FOR THE MONTH OF

JUNE, 1922.

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 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, cirro-stratus.

METEOROLOGICAL RESULTS.

Stations.	Elevation.	Bar. Pressure.		Temperatures.					Extreme Temperatures.				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range	Max.	Date.	Min.	Date.	Range
	ft.	in.	in.	°	°	°	°	°	°		°		°
Morant Pt. Light House	8	29.991	29.966	81.5	84.2	86.1	77.4	8.7	87.5	29	73.0	3	14.5
Kingston	24	29.956	29.911	74.9	85.7	88.9	72.5	16.4	91.9	10	70.1	4	21.8
Negril Pt. Light House	33	29.957	29.930	77.9	83.3	86.7	71.4	15.3	90.1	17	68.7	15	21.4
Castleton Gardens	496	..	..	69.1	80.8	86.3	68.0	18.3	92	21	65	7*	27
Hope Gardens†	668	29.977	29.928	78.2	82.3	88.4	68.9	19.5	93	14	67	2*	26
Stony Hill Indus. School	1,400	..	..	68.9	74.7	87.3	67.4	19.9	90	1*	66	8*	24
Kempshot	1,773	29.964	29.934	71.7	75.0	81.1	68.6	12.5	83.8	21	66.7	13	17.1
Hill Gardens	4,900	25.301	25.275	63.4	65.4	70.1	57.3	12.8	74	29	56	7	18

Stations.	Elevation.	Dew Point 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.	°		°		in.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Pt. Light House	8	76.7	73	77.8	74	1.43	..	ENE	15.0	ENE	12.3	1.6	2.5	1.3	0.9	2.1	2.2
Kingston	24	68.9	81	70.6	61	0.94	238	NE	4.7	SE	19.9	0.2	0.9	2.7	3.0	1.4	2.4
Negril Point Light House‡	33	70.6	78	73.1	72	5.62	166	E	7.0	SE	8.7	1.3	0.1	4.2	2.0	7.0	0.3
Castleton Gdns	496	67.3	93	74.7	82	6.82	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	62.5	60	69.3	64	2.86	..	..	..	..	..	..	..	..	..	..	..
Stony Hill Indus. School	1,400	63.8	84	68.2	80	5.57	..	..	..	..	..	..	..	..	..	..	..
Kempshot	1,773	66.1	82	70.2	85	12.51	143	E	7.6	E	3.9	0.2	0.8	1.9	2.5	3.6	2.4
Hill Gardens	4,900	59.3	86	61.5	90	1.98	..	..	..	..	..	..	..	..	..	..	..

*and on other days. †Hope Gardens. Bar. read at 9 a.m. and 3 p.m.
‡Negril Point Light House. Wind 11 p.m. E. 6.0.

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-division; 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.

NORTH-EASTERN DIVISION.	June, 1922.				
	Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Manchioneal ..	..	..	..	..	..
Bath ..	4.75	0.50	9	18	12.16
Priestman's River	..	..	..	..	..
Moore Town ..	..	..	...	..	..
Port Antonio ..	2.79	0.50	27	14	16.68
Fellowship ..	5.27	1.80	11	15	20.08
Johnson River Bridge ..	5.01	1.06	11	17	13.68
Cedar Valley St., Thos. ..	3.03	0.77	12	4	14.86
Hill Gardens	1.98	0.75	3	6	7.62
Spring Garden	1.45	0.33	11	11	6.53
Buff Bay	0.16	0.12	7	2	7.50
Greenvale	0.00	..	..	0	4.89
Belvedere, Portland	0.40	0.40	9	1	..
Mt. Holstein ..	..	..	..	..	..
Rose Hill ..	11.05	2.75	8	7	6.40
Hardware Gap ..	6.36	..	..	..	7.12
Stony Hill Ind. Sch.	5.57	1.18	3	15	7.18
Castleton Gardens	6.83	1.45	30	15	9.57
Lawrence Tavern	6.62	1.70	24	11	6.77
Zion Hill	10.48	2.10	12	10	..
Agualta Vale ..	0.22	0.09	13	4	3.59
Water Valley ..	0.60	0.55	13	2	4.28
Platfield ..	..	..	..	..	..
Richmond, St. Mary	1.51	0.38	12	8	5.34
Hampstead, St. Mary	3.63	2.20	19	5	4.47
Windsor Castle ..	..	..	..	..	..
Guy's Hill ..	6.37	1.10	12	14	..
Lucky Hill ..	2.21	1.07	13	3	4.32
Gayle ..	..	..	..	..	..
Rio Hoe ..	2.17	0.47	7	6	8.29
Unity Valley ..	3.35	0.86	13	14	8.18
Moneague ..	4.56	0.90	25	13	7.96
Claremont ..	4.25	1.00	6	8	5.66
Albion, St. Ann ..	5.25	1.07	16	15	6.43
Averham Park ..	1.91	0.33	12	12	5.62

NORTHERN DIVISION.	June, 1922.				
	Total fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria ..	0.82	0.25	6	8	5.44
Ocho Rios ..	1.39	0.39	13	6	3.94
Bogue, Ocho Rios	1.75	0.45	12	5	4.52
Rockfield ..	2.40	0.42	26	9	3.73
Liberty Hill ..	2.08	0.80	8	8	4.35
St. Ann's Bay ..	2.90	0.95	18	7	4.03
Seville ..	2.40	0.60	11	7	4.51
Richmond Estate	..	..	..	..	..
Llandovery ..	..	..	..	..	..
Runaway Bay ..	1.37	0.53	10	5	..
Brown's Town ..	3.15	1.12	6	6	4.00
Alexandria ..	1.16	0.38	6	8	..
Watt Town, St. Ann	4.63	1.50	15	7	..
Richmond Pen ..	5.80	1.50	25	9	5.03
Bryan Castle ..	2.10	0.75	19	9	3.30
Braco ..	1.70	0.70	19	8	2.93
Harmony Hall ..	1.12	0.90	19	2	2.82
Georgia ..					
Falmouth ..	1.23	0.27	18	7	2.55
Good Hope ..	5.98	1.50	16	15	..
Schawfield ..	4.49	1.13	19	8	..
Hampden ..	5.84	1.91	8	9	5.07
Guilsbro ..	..	..	..	..	..
Success ..	0.77	0.50	12	3	2.44
Cinnamon Hill ..	0.96	0.65	12	3	3.10
Rose Hall ..	1.05	0.60	12	3	3.05
Tryall ..	1.57	0.87	28	3	..
Running Gut ..	1.00	0.65	12	3	3.11
Spring Estate ..	1.50	0.90	28	2	2.95
Montego Bay ..	6.55	1.28	4	15	6.44
Friendship ..	9.94	1.53	26	15	..
Retirement ..	12.66	4.05	26	18	..
King Gate ..	4.95	1.00	27	13	7.64
Blue Hole ..	14.64	2.00	14	12	..
Kew ..	11.04	1.46	2	24	8.37
Haughton Court ..	8.25	1.60	4	19	8.40
Lucea ..	8.31	1.30	4	20	8.28
Green Island ..	13.80	3.50	5	18	..
CENTRAL SUB-DIVISION					
Rio Magno ..	10.78	1.72	26	14	..
Headworks, Rio Cobre ..	1.90	1.21	7	4	5.45
Linstead ..	6.57	1.33	15	11	7.89
Berkshire Hall ..	7.86	1.33	26	15	8.34
Point Hill ..	2.78	0.76	11	6	9.99
Bellas Gate ..	1.90	1.20	7	3	..
Croft Hill ..	2.20	0.62	11	10	4.60
Chapelton ..	3.97	1.20	24	8	6.49
Frankfield ..	4.75	1.14	7	9	..
Crooked River ..	3.52	1.15	8	5	..

West-Central Division.	June, 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In	In.			In.
Mocho, Clarendon	3.06	0.97	10	6	8.15
Spaldings ..	3.96	1.46	9	15	..
Brokenhurst ..	1.83	0.80	24	6	11.50
Christiana ..	2.53	0.71	9	13	6.88
Chudleigh ..	2.90	0.73	9	14	5.60
Shooter's Hill ..	5.21	1.03	16	13	5.54
Kendal, Manchester	5 25	1.06	11	13	8.30
Clifton Hill ..	6.22	3.06	24	6	..
Marshalls Pen ..	5.11	1.48	24	10	7.03
Mandeville ..	5.28	2.33	24	11	8.83
Carlton, Mandeville	3.84	1.20	24	9	8.83
Ulster Spring ..	6.75	1.30	17	13	6.28
Broadleaf Water	..	..	..	..	..
Freeman's Hall ..	..	..	..	..	..
Albert Town ..	7.05	1.45	15	10	5.77
Lowe River ..	2.73	0.82	7	9	6.22
Troy ..	15.02	7.20	25	14	8.12
Balaclava Police Station ..	4.27	1.50	23	5	4.84
Wallingford ..	3.86	1.21	24	11	5.74
Magotty ..	8.76	2.73	7	9	6.51
Springfield, St. Elizabeth ..	7.50	1.50	9	15	..
Kempshot ..	12.51	2.44	26	19	8.71
Cambridge, St. James ..	12 43	1.93	14	23	..
Kew Park ..	7.79	1.31	6	19	9.26
New Market, Police Stn. ..	9 21	2.39	24	15	..
The Bog, New Market ..	9.57	2.55	21	20	..
Bethel Town ..	9.65	1.45	15	19	..
Montpelier ..	..	..	..	..	..
Ramble ..	13.43	1.62	15	18	..
Burnt Ground ..	12.36	1.60	3	22	10 84
Knockalva ..	12.28	1.96	25	22	..
Petersville ..	6.98	1.59	3	13	7.74
Darliston ..	12.52	1.72	1	23	10.43
Bluefields ..	13.09	3.60	15	11	10.50
Whithorn ..	19 83	3.50	25	22	9.97
Water Works Pen	15.70	2.85	25	24	..
Askenish ..	18 68	3.00	8	20	..
Grange Hill ..	13.26	3.22	25	26	10.80
King's Vale Police Stn. ..	8.43	2.80	30	15	12.27

Southern Division.	June, 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Morant Point L.H.	1.43	0.38	11	14	6.21
Pleasant Hill ..	0.90	0.75	11	2	..
East Prospect ..	2.51	0.60	11	13	7.78
Morant Bay ..	1.16	0.60	..	..	8.71
Easington ..	1.98	0.55	18	9	8.69
Bull Bay ..	0.10	0.10	3	1	4.99
Mavis Bank ..	2.03	1.06	3	3	..
Bellevue ..	2.53	1.11	24	7	4.12
Gordon Town ..	2.39	1.22	3	6	5.18
Irish Town ..	2.80	..	..	..	5.10
Hope Gardens ..	2.86	..	..	..	5.22
King's House Gar.	1.58	..	..	..	4.63
Melrose ..	..	..	..	..	..
Half-way Tree ..	1.45	0.59	24	7	3.93
Lunatic Asylum	1 95	1.79	24	3	4.61
N. E. Kingston ..	1.02	0.62	24	4	3.92
Kingston P.W.O.	0.94	0.73	24	4	4.10
Upper Kingston ..	0.68	0.37	24	3	..
Plumb Point L.H.	3.12	3.02	24	5	4.38
Clifton Pen ..	0.65	0.35	3	2	5.01
Hematine ..	0.13	0.11	11	2	..
Quarantine Station	0.36	0.36	24	1	3.52
Spanish Town ..	0.06	0.06	11	1	4.71
Hog Hole, St. Catherine ..	0.00	..	..	0	5.24
Hartlands ..	0.18	0.10	19	2	5.72
Old Harbour ..	0.86	0.68	24	3	6.32
May Pen ..	0.88	0.84	7	2	6.25
Dry River, Vere ..	0.31	0.31	11	1	4.39
Toll Gate ..	0.00	..	..	0	3.77
New Yarmouth ..	0.20	0.20	11	1	5.71
Exeter ..	..	..	..	..	..
Milk River ..	..	..	..	..	..
Retrieve ..	0.39	0.19	11	3	..
Hog Hole, S. Man.	..	..	..	..	..
Stone's Hope ..	1.92	1.05	24	8	8.63
Newport, Manchester ..	1.78	0.55	24	7	8.45
Great Valley, Man.	1.55	1.05	24	4	7.15
Alligator Pond ..	1.90	1.00	21	4	4.59
Fairfield ..	3.16	2.72	24	10	6.44
Southfield, St. Elizabeth ..	1.43	0 94	24	3	
Lititz ..	0.90	0.42	24	4	2.24
Torrington ..	1.99	0.93	24	5	3.55
Bethlehem, St. Eliz.	2.42	1.48	24	6	4 23
Santa Cruz ..	4.27	1.11	3	7	5.82
Pedro Plains Police Stn. ..	0.47	0.30	24	2	2.69
Mountainside ..					
Black River ..	4.59	1.24	24	12	3.82
Font Hill ..	2.90	1.40	9	8	5.14
Mount Edgecombe	6.36	1.60	14	14	6.35
Sweet River ..	12.20	1.40	10	24	7.11
Windsor Sav-la-Mar	5.66	1.20	5	16	6.55
Orchard ..	8.87	1 25	2	22	7.00
Sav.-la-Mar ..	6.02	0.95	16	18	6.38
Little London ..	10.34	2.15	14	13	..
Retreat ..	9.92	3.09	14	15	7.10
Negril Point L.H.	5.62	1.22	18	17	5.49

NOTES.

COMPARATIVE TABLE OF RAINFALL.
(Based upon the "Average" Stations only.)

DIVISIONAL AND ISLAND RAINFALL.	JUNE. 1922.	JUNE. Average.
	In.	In.
North-Eastern Division ...	3.62	8.66
Northern " ...	3.48	5.25
West-Central " ...	7.60	8.95
Southern " ...	2.58	5.85
The Island ..	4.32	7.18

SHOCKS OF EARTHQUAKE IN JUNE, 1922

Date.	Standard Time (Approx.)	Intensity.	Notes: where felt etc.
17	1.00 p.m.	I	Mandeville, Malvern;
28	..	I	Kingston; E. & W. 0.003 5 secs.

The rainfall for the Island was again below the average. Rains fell at the West end but at other places it was dry and in some parts very strong winds were experienced.

The greatest fall 19.83 inches was recorded at Whithorn. No rain fell at Hog Hole, St. Catherine and Toll Gate.

C. MAXWELL HALL,

Acting Government Meteorologist.

Montego Bay, July 19th, 1922.

No. 534.

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Weather Bureau

JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

JULY, 1922.

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The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the small 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, cirro-stratus.

METEOROLOGICAL RESULTS.

Stations.	Elevation.	Bar. Pressure.		Temperatures.					Extreme Temperatures.				
		7 a.m.	3 p.m.	7 a.m.	3p.m.	Max.	Min.	Range	Max.	Date.	Min.	Date.	Range
	ft.	in.	in.	°	°	°	°	°	°		°		°
Morant Pt. Light House	8	30.037	30.011	82.1	85.4	86.9	79.3	7.6	88.5	30*	74.5	23	14.0
Kingston ..	24	30.005	29.945	75.1	88.6	90.6	73.6	17.0	93.5	12	70.6	6	22.9
Negril Pt. Light House	33	30.008	29.976	78.3	85.6	88.5	72.3	16.2	90.5	29	69.8	10	20.7
Castleton Gardens ..	496	..	..	69.6	82.6	89.5	68.9	20.6	95	12	65	6*	30
Hope Gardens† ..	668	30.002	29.956	76.2	85.8	92.3	70.2	22.1	96	8*	64	5	32
Stony Hill Indus. School	1,400	..	..	70.1	81.0	87.6	67.9	19.7	91	16	67	1*	24
Kempshot ..	1,773	30.019	29.989	72.6	76.8	82.4	70.2	12.2	83.8	4	68.2	15	15.6
Hill Gardens ..	4,900	25.379	25.274	64.8	69.3	74.3	59.3	15.0	77	4*	57	3*	20

Stations.	Elevation.	Dew Point 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.	°		°		in.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Pt. Light House	8	73.6	76	74.5	70	1.18	..	NE	18	NE	19	2.2	1.8	1.4	0.5	2.5	1.5
Kingston	24	69.3	88	72.6	60	0.39	265	N	3.7	SE	22.3	0.2	0.4	2.7	1.8	1.7	2.0
Negril Point Light House‡	33	70.6	77	73.6	67	6.37	183	NE	7.4	Var.	9.2	0.0	0.3	5.4	1.0	7.9	0 0
Castleton Gdns	496	68.0	93	73.2	72	5.08	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	63.0	62	67.5	55	1.91	..	..	..	..	..	..	..	..	..	..	..
Stony Hill Indus. School	1,400	65.4	85	74.8	82	1.27	..	..	..	..	..	..	..	..	..	..	..
Kempshot	1,773	63.7	82	69.7	79	..	180	E	11.5	NE	4.4	0.8	0.7	2.8	0.9	2.3	3.6
Hill Gardens	4,900	59.7	84	62.9	81	0.55	..	..	..	..	..	..	..	..	..	..	..

*and on other days †Hope Gardens. Bar. read at 9 a.m. and 3 p.m.
‡Negril Point Light House Wind 11 p.m N-E. 6.4.

THE RAINFALL.

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A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica," following page 27, 1911 Edition.

NORTH-EASTERN DIVISION.	July, 1922.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
	In.	In.			In.
Manchioneal ..	0.31	0.31	24	1	6.21
Bath ..	3.37	0.90	23	12	8.76
Priestman's River	2.65	0.60	20	9	..
Moore Town ..	5.93	2.00	25	14	.
Port Antonio ..	3.13	1.36	9	16	10 84
Fellowship ..	5.19	1.00	24	18	15.06
Johnson River Bridge ..	1.92	0.62	23	12	7.03
Cedar Valley St., Thos. ..	0.33	0.33	23	1	4.79
Hill Gardens ..	0.55	0.20	28	5	3.64
Spring Garden ..	1.61	0.38	24	12	5.49
Buff Bay ..	1.61	0.56	24	4	6.93
Greenvale ..	2.82	2.25	23	4	3.73
Belvedere, Portland	..	..	..	..	..
Mt. Holstein ..	2.67	1.08	23	7	5.24
Rose Hill ..	1.70	0.60	24	5	5.92
Hardware Gap ..	1.76	1.00	31	2	4.19
Stony Hill Ind. Sch.	1.27	0.55	14	8	5.16
Castleton Gardens	5.08	1.64	31	11	6.12
Lawrence Tavern	3.90	1.70	31	4	5.45
Zion Hill ..	4.71	1.50	23	8	.
Agualta Vale ..	0.14	0.09	2	2	3.62
Water Valley ..	0.00	0.00	..	0	3.52
Platfield ..	5.15	2.00	23	6	3.33
Richmond, St. Mary	1.20	0.50	23	4	3.54
Hampstead, St. Mary	0.42	0.42	23	1	3.61
Windsor Castle ..	1.87	0.88	14	5	..
Guy's Hill ..	1.07	0.62	23	7	..
Lucky Hill ..	0.54	0.39	14	3	3.60
Gayle ..	..	..	..	..	..
Rio Hoe ..	0.00	0.00	..	0	4.24
Unity Valley ..	3.52	1.46	21	8	5.59
Moneague ..	3.20	2.25	24	6	4.52
Claremont ..	2.75	2.40	24	2	3.35
Albion, St. Ann ..	3.67	1.35	24	7	4.09
Averham Park ..	1.99	0.88	24	7	3.06

NORTHERN DIVISION.	July, 1922.				
	Total fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
	In.	In.			In.
Port Maria ..	1.02	0.65	24	3	4.05
Ocho Rios ..	1.12	0.65	24	4	2.24
Bogue, Ocho Rios	1.60	1.00	24	3	2.89
Rockfield ..	3.24	1.52	24	6	3.39
Liberty Hill ..	0.75	0.60	25	3	2.33
St. Ann's Bay ..	1.92	1.50	24	4	3.01
Seville ..	..	..	..	..	..
Richmond Estate	..	..	..	..	..
Llandovery ..	1.67	0.95	24	5	..
Runaway Bay ..	3.14	1.80	24	3	..
Brown's Town ..	2.31	1.32	31	4	2.55
Alexandria ..	3.23	1.35	31	7	..
Watt Town, St. Ann	4.50	1.78	29	6	..
Richmond Pen ..	7.10	1.65	28	9	3.12
Bryan Castle ..	0.83	0.60	28	2	1.83
Braco ..	1.30	0.80	24	2	1.65
Harmony Hall ..	1.35	0.60	28	3	1.55
Georgia ..					
Falmouth ..	0.64	0.24	21	5	1.54
Good Hope ..	1.18	0.50	10	4	..
Schawfield ..	0.28	0.20	28	3	..
Hampden ..	..	..	..	..	..
Guilsbro ..	3.50	1.08	3	6	..
Success ..	0.91	0.62	14	2	..
Cinnamon Hill ..	0.15	0.15	14	1	..
Rose Hall ..	0.25	0.25	14	1	..
Tryall ..	0.20	0.20	14	1	..
Running Gut ..	0.20	0.20	14	1	..
Spring Estate ..	0.12	0.12	14	1	..
Montego Bay ..	0.64	0.29	14	4	3.46
Friendship ..	3.30	1.92	15	3	..
Retirement ..	3.48	1.70	15	6	..
King Gate ..	1.05	0.46	2	4	4.69
Blue Hole ..	5.78	1.37	2	7	..
Kew ..	4.20	0.89	24	16	5.35
Haughton Court ..	2.15	0.60	24	8	4.97
Lucea ..	3.10	0.70	24	10	5.43
Green Island ..	12.53	4.61	9	14	..
CENTRAL SUB-DIVISION					
Rio Magno ..	1.98	0.81	23	4	..
Headworks, Rio Cobre ..	1.95	1.37	18	3	3.34
Linstead ..	4.83	0.80	13	16	6.21
Berkshire Hall ..	4.74	2.75	24	5	4.84
Point Hill ..	4.60	1.00	18	7	6.72
Bellas Gate ..	0.00	0.00	..	0	..
Croft Hill ..	0.87	0.35	2	9	3.10
Chapelton ..	0.93	0.35	18	4	3.35
Frankfield ..	6.74	1.62	30	9	..
Crooked River ..	1.04	0.30	19	7	..

West-Central Division.	July, 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Mocho, Clarendon	1.65	0.57	28	5	3.99
Spaldings ..	3.45	0.76	7	13	..
Brokenhurst ..	1.05	0.41	20	6	5.23
Christiana ..	5.52	1.81	31	15	4.40
Chudleigh ..	4.22	1.04	7	8	4.27
Shooter's Hill ..	1.98	0.43	10	13	5.20
Kendal, Manchester	1.35	0.60	28	7	5.52
Clifton Hill ..	1.31	0.44	23	6	..
Marshalls Pen ..	1.00	0.63	28	4	5.05
Mandeville ..	1.36	0.58	28	7	5.44
Carlton, Mandeville	0.78	0.50	30	4	5.44
Ulster Spring ..	5.23	2.10	18	10	5.12
Broadleaf Water	..	..	..	..	..
Freeman's Hall ..	..	..	..	..	..
Albert Town ..	4.82	1.25	18	9	4.90
Lowe River ..	4.65	1.16	28	8	4.16
Troy ..	7.23	2.20	28	8	6.93
Balaclava Police Station ..	5.45	2.07	28	9	4.67
Wallingford ..	5.39	2.59	28	8	5.44
Magotty ..	9.88	2.57	17	13	8.41
Springfield, St. Elizabeth ..	10.44	2.35	18	17	..
Kempshot ..	2.21	1.03	14	8	5.88
Cambridge, St. James ..	10.15	1.26	14	22	..
Kew Park ..	7.41	1.48	27	18	10.00
New Market, Police Stn. ..	7.70	2.12	7	18	..
The Bog, New Market ..	8.43	2.11	18	15	..
Bethel Town ..	10.71	1.35	10	22	..
Montpelier ..	..	..	..	..	..
Ramble ..	10.28	2.12	28	12	..
Burnt Ground ..	5.97	1.30	29	17	9.04
Knockalva ..	7.74	1.25	10	21	..
Petersville ..	9.36	1.42	30	14	7.46
Darliston ..	13.23	2.03	7	23	11.25
Bluefields ..	6.98	2.15	30	7	9.68
Whithorn ..	8.57	2.10	7	13	10.36
Water Works Pen	4.66	1.25	9	15	..
Askenish ..	11.91	2.05	10	16	..
Grange Hill ..	7.46	1.95	19	19	11.58
King's Vale Police Stn. ..	9.37	1.65	31	15	10.46

Southern Division.	July, 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Morant Point L.H.	1.18	0.36	22	10	3.40
Pleasant Hill ..	1.05	0.60	21	2	..
East Prospect ..	1.68	0.30	20	14	5.19
Morant Bay ..	0.23	0.10	27	5	5.61
Easington ..	0.55	0.22	23	3	5.43
Bull Bay ..	0.00	0.00	..	0	2.09
Mavis Bank ..	0.17	0.17	31	1	..
Bellevue ..	0.03	0.03	20	1	2.04
Gordon Town ..	1.31	0.71	18	3	2.49
Irish Town ..	1.82	..	..	..	1.62
Hope Gardens ..	1.91	..	..	..	2.59
King's House Gar.	1.30	..	..	..	2.61
Melrose ..	..	..	..	..	..
Half-way Tree ..	0.99	0.69	18	6	..
Lunatic Asylum	0.25	0.25	18	1	1.31
N. E. Kingston ..	0.67	0.65	18	2	1.21
Kingston P.W.O.	0.39	0.39	18	1	1.62
Upper Kingston ..	0.86	0.83	18	3	..
Plumb Point L.H.	0.56	0.56	18	1	1.86
Clifton Pen ..	..	..	..	..	..
Hematine ..	0.80	0.55	26	3	..
Quarantine Station	0.10	0.10	19	1	0.91
Spanish Town ..	0.74	0.58	26	3	2.10
Hog Hole, St. Catherine ..	3.08	2.78	18	3	2.40
Hartlands ..	0.44	0.34	26	2	0.98
Old Harbour ..	0.50	0.28	18	2	2.23
May Pen ..	0.35	0.16	20	4	3.04
Dry River, Vere ..	0.00	0.00	..	0	1.43
Toll Gate ..	0.00	0.00	..	0	2.16
New Yarmouth ..	0.00	0.00	..	0	1.98
Exeter ..	..	..	..	..	..
Milk River ..	0.53	0.53	26	1	2.03
Retrieve ..	..	..	..	..	..
Hog Hole, S. Man.	..	..	..	..	..
Stone's Hope ..	0.13	0.07	23	2	3.84
Newport, Manchester ..	0.73	0.30	28	3	3.54
Great Valley, Man.	0.02	0.02	27	1	3.11
Alligator Pond ..	0.23	0.23	17	1	2.26
Fairfield ..	0.62	0.15	26	6	2.58
Southfield, St. Elizabeth ..	1.68	0.82	23	3	..
Lititz ..	0.52	0.48	28	2	1.52
Torrington ..	1.15	1.00	23	4	2.35
Bethlehem, St. Eliz.	2.25	1.30	18	7	2.90
Santa Cruz ..	6.51	1.48	28	12	5.20
Pedro Plains Police Stn. ..	0.51	0.30	18	3	1.56
Mountainside ..	1.09	0.61	23	4	..
Black River ..	3.62	1.62	28	8	4.70
Font Hill ..	7.20	2.30	18	9	5.46
Mount Edgecombe	5.19	0.71	22	21	6.91
Sweet River ..	8.55	1.50	27	15	7.61
Windsor Sav-la-Mar	5.50	1.60	7	12	7.04
Orchard ..	4.81	1.27	7	15	7.71
Sav.-la-Mar ..	4.49	1.20	1	8	6.19
Little London ..	3.89	1.50	1	8	..
Retreat ..	7.16	1.26	20	12	7.54
Negril Point L.H.	6.37	2.03	20	17	5.70

NOTES.

COMPARATIVE TABLE OF RAINFALL.
(Based upon the "Average" Stations only.)

DIVISIONAL AND ISLAND RAINFALL.	JULY. 1922.	JULY. Average.
	In.	In.
North-Eastern Division ...	2.17	5.68
Northern " ...	2.36	3.22
West-Central " ...	5.28	7.52
Southern " ...	1.92	3.18
The Island ...	2.93	4.90

SHOCKS OF EARTHQUAKE IN JULY, 1922

Date.	Standard Time (Approx.)	Intensity.	Notes: where felt etc.
No earthquakes this month.			

Light rains fell over the Island in July and the rainfall was below the average. No rain fell in Vere and at Bull Bay; the heaviest fall 13.23 inches was recorded at Darliston.

A whirlwind, with hail, was experienced at the Negril Point Light-house on the 28th. It lasted 25 minutes; the wind from the North rose to 60 miles per hour between 2.30 and 2.50 p.m. changing through W. to S.E. and back to N.W. at 2.55 p.m., falling to 12 m.p.h. Hail also fell at Wallingford on that date, with a high wind, and at Magotty and Aberdeen on the 17th and 18th respectively. These falls lasted about 6 and 7 minutes.

C. MAXWELL HALL,

Acting Government Meteorologist.

Montego Bay, Aug. 18th, 1922.

No. 535.

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Weather Bureau

JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

AUGUST, 1922.

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 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, cirro-stratus.

METEOROLOGICAL RESULTS.

Stations.	Elevation.	Bar. Pressure.		Temperatures.					Extreme Temperatures.				
		7 a.m.	3 p.m	7 a.m.	3p.m.	Max.	Min.	Range	Max.	Date.	Min.	Date.	Range
	ft.	in.	in.	°	°	°	°	°	°		°		°
Morant Pt. Light House	8	29.962	29.931	81.7	84.5	86.8	77.1	9.7	88.5	2	71.0	17	17.5
Kingston ..	24	29.936	29.881	74.5	85.7	89.2	73.2	16.0	91.6	10	70.1	22	21.5
Negril Pt. Light House	33	29.934	29.899	77.7	84.5	89.0	72.5	16.5	91.5	24	70.5	3	21.0
Castleton Gardens ..	496	..	..	69.4	80.7	85.7	65.3	20.4	93	11	65	22	28
Hope Gardens† ..	668	29.967	29.896	80.8	88.2	90.1	70.4	19.7	95	11	67	29	28
Stony Hill Indus. School	1,400	..	..	70.2	76.8	87.4	67.1	20.3	92	21*	62	19*	30
Kempshot ..	1,773	29.941	29.919	72.4	75.1	81.6	69.4	12.2	83.8	7	65.7	15	18.1
Hill Gardens ..	4,900	25.289	25.247	63.5	66.8	70.1	58.2	11.9	75	2	57	8*	18

Stations.	Elevation.	Dew Point 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.	°		°		in.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Pt. Light House	8	73.9	77	74.4	72	5.52	..	NE	12.0	ENE	12 0	1.3	2.4	2.0	1.4	2.4	1.5
Kingston	24	70.6	87	73.8	68	2.15	179	NNE	3.9	SE	16.2	0.5	0.9	3.2	3.9	0.9	1.7
Negril Point Light House‡	33	71.1	80	73.0	69	2.30	176	NE	7.0	SE	10.5	1.3	0.3	4.4	1.3	7.4	0.6
Castleton Gdns	496	67.7	96	74.3	79	11.67	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	64.3	56	65.9	47	2.99	..	..	..	..	..	..	..	..	..	..	..
Stony Hill Indus. School	1,400	64.6	82	71.0	80	5.37	..	..	..	..	..	..	..	..	..	..	..
Kempshot	1,773	67.2	83	68.7	81	12.92	133	E	7.2	E	4.1	1.0	0.7	3.8	2.9	1.1	4.6
Hill Gardens	4,900	58.6	84	63.0	87	2.88	..	..	..	..	..	..	..	..	..	..	..

*and on other days. †Hope Gardens. Bar. read at 9 a.m. and 3 p.m.
‡Negril Point Light House. Wind 11 p.m E. 5.1

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-division; 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.

North-Eastern Division.	August, 1922.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
	In.	In.			In.
Manchioneal ..	8.42	2.05	6	15	7.10
Bath ..	12.53	2.82	5	20	9.91
Priestman's River	11.87	2.06	25	12	..
Moore Town ..	20.23	3.40	21	16	15.54
Port Antonio ..	14.65	2.20	4	22	11.35
Fellowship ..	22.63	3.02	10	20	14.01
Johnson River Bridge ..	10.16	2.00	21	23	10.60
Cedar Valley, St. Thos. ..	8.04	1.86	21	14	10.24
Hill Gardens ..	2.58	1.30	21	8	8.35
Spring Garden ..	4.02	0.63	23	14	5.85
Buff Bay ..	5.43	1.25	26	7	5.30
Greenvale ..	..	..	..	..	..
Belvedere, Portland	2.82	0.90	21	9	..
Mt. Holstein ..	3.79	1.04	23	8	7.11
Rose Hill ..	10.35	3.00	13	9	10.52
Hardware Gap ..	5.05	..	..	..	7.24
Stony Hill Ind. Sch.	5.37	0.58	7	18	9.45
Castleton Gardens	11.67	3.40	31	16	10.16
Lawrence Tavern	10.70	2.47	18	11	8.43
Zion Hill ..	13.69	2.55	18	13	..
Agualta Vale ..	2.44	0.94	14	11	4.63
Water Valley ..	2.32	0.41	21	8	4.29
Platfield ..	9.00	2.37	7	10	6.78
Richmond, St. Mary	5.02	1.15	7	16	5.13
Hampstead, St. Mary	3.54	1.13	28	9	4.46
Windsor Castle ..	9.51	2.90	7	20	..
Guy's Hill ..	5.35	0.80	14	14	..
Lucky Hill ..	5.47	1.37	27	10	4.68
Rio Hoe ..	4.72	1.05	26	9	6.00
Unity Valley ..	5.33	1.19	26	18	6.70
Moneague ..	8.46	2.40	26	16	6.66
Claremont ..	5.71	1.27	26	10	5.17
Albion, St. Ann ..	5.96	1.45	17	17	6.15
Averham Park ..	3.33	1.47	14	13	4.76

Northern Division.	August, 1922.				
	Total fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
	In.	In.			In.
Port Maria ..	4.75	1.95	13	11	4.74
Ocho Rios ..	2.53	1.00	27	9	3.07
Bogue, Ocho Rios	7.03	2.50	27	10	4.23
Rockfield ..	3.11	0.77	7	11	4.19
Liberty Hill ..	3.12	1.00	6	10	3.20
St. Ann's Bay ..	4.95	1.50	27	11	2.91
Seville ..	..	..	..	..	..
Richmond Estate	..	..	..	..	..
Llandovery ..	2.50	0.78	23	5	..
Runaway Bay ..	0.65	0.38	14	2	..
Brown's Town ..	..	..	..	..	..
Alexandria ..	3.03	0.82	18	12	..
Watt Town, St. Ann	5.36	1.20	31	9	..
Richmond Pen ..	4.65	1.60	16	8	5.28
Bryan Castle ..	2.60	1.00	7	6	2.80
Braco ..	1.75	0.95	7	4	2.63
Harmony Hall ..	2.95	2.00	6	4	2.40
Georgia ..	..	..	..	..	..
Falmouth ..	2.18	0.82	14	8	2.61
Good Hope ..	4.75	0.68	28	13	..
Schawfield ..	3.06	0.60	28	11	..
Hampden ..	..	..	..	..	..
Guilsbro ..	..	..	..	..	..
Success ..	1.66	0.45	10	5	2.13
Cinnamon Hill ..	1.22	0.24	23	6	2.24
Rose Hall ..	1.69	0.38	14	6	2.05
Tryall ..	2.87	0.50	4	9	..
Running Gut ..	2.23	0.56	20	6	2.59
Spring Estate ..	3.69	0.95	4	8	2.70
Montego Bay ..	5.28	1.21	14	14	5.36
Friendship ..	8.62	1.60	13	16	..
Retirement ..	11.00	2.10	18	15	..
King Gate ..	9.83	1.60	4	20	6.10
Blue Hole ..	15.97	3.24	19	10	..
Kew ..	13.41	2.78	18	21	7.77
Haughton Court ..	10.20	2.15	21	17	6.71
Lucea ..	11.41	2.25	18	17	6.48
Green Island ..	13.43	2.34	25	18	..
Central Sub-Division					
Rio Magno ..	..	..	..	..	..
Headworks, Rio Cobre ..	1.79	0.42	9	8	5.58
Linstead ..	26.66	3.28	18	29	8.62
Berkshire Hall ..	11.00	2.72	13	18	6.70
Point Hill ..	5.87	1.25	24	8	11.25
Bellas Gate ..	4.96	1.30	19	5	..
Croft Hill ..	..	..	..	..	..
Chapelton ..	1.63	0.36	7	10	6.66
Frankfield ..	4.75	1.45	6	10	..
Crooked River ..	3.30	1.40	6	9	..

West-Central Division.	August, 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In	In.			In.
Mocho, Clarendon	3.52	0.82	26	10	7.44
Spaldings ..	4.99	1.00	6	18	..
Brokenhurst ..	3.40	0.82	2	12	8.24
Christiana ..	5.14	1.09	6	19	7.23
Chudleigh ..	3.54	1.32	6	11	9.52
Shooter's Hill ..	4.58	2.10	3	14	8.02
Kendal, Manchester	4.44	2.39	3	14	8.75
Clifton Hill ..	4.93	1.12	23	12	..
Marshalls Pen ..	4.93	1.93	3	13	8.35
Mandeville ..	4.70	1.17	23	16	8.79
Carlton, Mandeville	4.55	1.07	13	12	8.79
Ulster Spring ..	8.97	3.40	6	16	8.19
..	..	..	..	..	..
..	..	..	..	..	..
Albert Town ..	8.22	2.90	6	11	8.84
Lowe River ..	8.14	2.15	6	14	8.78
Troy ..	2.80	0.90	3	6	10.73
Balaclava Police Station ..	3.43	1.47	6	6	7.45
Wallingford ..	2.91	1.37	6	11	10.30
Magotty ..	6.85	1.76	17	9	10.96
Springfield, St. Elizabeth ..	4.46	1.00	17	12	..
Kempshot ..	12.92	2.57	14	18	8.34
Cambridge, St. James ..	12.28	1.38	14	23	..
Kew Park ..	14.27	2.27	18	20	11.99
New Market, Police Stn. ..	4.96	0.75	17	15	..
The Bog, New Market ..	7.67	1.50	7	19	..
Bethel Town ..	15.54	1.80	18	20	..
Montpelier ..	..	..	..	..	..
Ramble ..	18.09	2.29	30	22	..
Burnt Ground ..	18.94	2.27	14	28	11.00
Knockalva ..	16.84	2.28	1	25	..
Petersville ..	5.40	1.55	7	16	10.66
Darliston ..	11.77	1.56	24	22	14.96
Bluefields ..	4.20	2.15	13	3	11.83
Whithorn ..	8.65	1.73	24	17	11.65
Water Works Pen	10.28	1.87	22	20	..
Askenish ..	20.59	3.00	6	19	..
Grange Hill ..	13.21	1.35	26	20	12.31
King's Vale Police Stn. ..	22.48	2.83	31	21	10.65

Southern Division.	August, 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Morant Point L.H.	5.52	0.85	13	22	5.25
Pleasant Hill ..	7.71	1.75	5	19	..
East Prospect ..	11.01	1.78	23	22	7.36
Morant Bay ..	9.63	1.93	21	18	6.52
Easington ..	7.67	1.45	21	16	7.02
Bull Bay ..	0.57	0.57	20	1	2.78
Mavis Bank ..	2.33	1.00	21	6	..
Bellevue ..	3.35	1.08	21	11	..
Gordon Town ..	1.91	0.71	21	6	5.29
Irish Town ..	1.40	..	..	..	6.81
Hope Gardens ..	2.99	..	..	..	5.78
King's House Gar.	2.55	..	..	..	5.17
Melrose ..	..	..	..	..	..
Half-way Tree ..	1.81	0.88	17	8	3.89
Lunatic Asylum	3.42	1.32	17	13	2.71
N. E. Kingston ..	3.81	1.51	17	21	3.30
Kingston P.W.O.	2.15	0.71	17	12	3.55
Upper Kingston ..	3.16	1.23	17	12	..
Plumb Point L.H.	2.42	0.57	26	12	3.38
Clifton Pen ..	2.75	1.34	17	5	4.06
Hematine ..	1.10	0.35	21	9	..
Quarantine Station	0.35	0.15	16	3	2.33
Spanish Town ..	1.49	0.63	24	6	3.93
Hog Hole, St. Catherine ..	2.43	0.91	24	8	4.28
Hartlands ..	0.84	0.44	21	3	3.48
Old Harbour ..	3.33	1.42	9	7	4.49
May Pen ..	2.45	0.60	26	15	5.05
Dry River, Vere ..	1.83	0.38	21	12	3.81
Toll Gate ..	1.63	0.46	26	7	5.44
New Yarmouth ..	1.91	0.55	24	8	3.84
Exeter ..	..	..	..	..	..
Milk River ..	0.59	0.20	24	3	4.41
Retrieve ..	0.99	0.23	25	5	..
Hog Hole, S. Man.	..	..	..	..	..
Stone's Hope ..	3.36	2.04	2	9	6.36
Newport, Manchester ..	4.14	0.77	25	17	6.98
Great Valley, Man.	3.46	1.17	2	14	5.50
Alligator Pond ..	2.98	2.20	2	6	3.64
Fairfield ..	3.37	0.63	26	14	6.24
Southfield, St. Elizabeth ..	1.65	0.31	2	9	..
Lititz ..	1.48	0.30	25	10	5.43
Torrington ..	0.85	0.23	3	9	5.55
Bethlehem, St. Eliz.	1.69	0.56	9	10	6.37
Santa Cruz ..	4.77	1.48	2	8	9.02
Pedro Plains Police Stn. ..	0.09	0.09	9	1	2.88
Mountainside ..	..	..	..	..	..
Black River ..	4.25	1.08	17	12	6.32
Font Hill ..	5.00	1.20	22	11	6.25
Mount Edgecombe	3.86	0.84	7	16	8.29
Sweet River ..	6.44	2.10	22	12	9.07
Windsor Sav-la-Mar	6.56	2.00	22	16	7.66
Orchard ..	6.43	1.61	22	16	10.52
Sav.-la-Mar ..	5.36	1.80	22	13	7.78
Little London ..	3.33	0.85	26	5	..
Retreat ..	4.34	0.98	30	8	8.58
Negril Point L.H.	2.30	1.24	26	9	7.02

NOTES.

COMPARATIVE TABLE OF RAINFALL.
(Based upon the "Average" Stations only.)

DIVISIONAL AND ISLAND RAINFALL.	AUGUST. 1922.	AUGUST. Average.
	In.	In.
North-Eastern Division ...	7.75	7.47
Northern " ...	5.66	4.85
West-Central " ...	7.68	10.14
Southern " ...	3.34	5.26
The Island ...	6.11	6.93

SHOCKS OF EARTHQUAKE IN AUGUST, 1922.

Date.	Standard Time (Approx.)	Intensity.	Notes: where felt, etc.
2	3. 31 a.m.	I	Stony Hill; 3 secs.

The rainfall was a little below the average, but on the whole the rains were heavier all over the Island than they have been for some months past; though the South coast, Manchester and St. Elizabeth have still to get average rains before the long drought in these parts can be considered broken.

The heaviest fall 26.66 inches was recorded at Linstead where there were 29 "rainy" days, and the smallest 0.09 at Pedro Plains.

Several depressions passed along the south of Jamaica towards the end of the month and warnings were issued. They were, however, all of small diameter and intensity while passing and only brought the much needed rains. The lowest barometer aeading 29.846 was in Kingston on August 26th at 7 a.m., about six-hundredth below the mean.

C. MAXWELL HALL,

Acting Government Meteorologist.

Montego Bay, Sept. 20th, 1922.

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JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

SEPTEMBER, 1922.

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 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, cirro-stratus.

METEOROLOGICAL RESULTS.

Stations.	Elevation.	Bar. Pressure.		Temperatures.					Extreme Temperatures.				
		7 a.m.	3 p.m	7 a.m.	3p.m	Max.	Min.	Range	Max.	Date.	Min.	Date.	Range
	ft.	in.	in.	°	°	°	°	°	°		°		°
Morant Pt. Light House	8	29.936	29.892	81.3	85.3	87.4	77.2	10.2	89.0	3	72.0	1*	17.0
Kingston ..	24	29.907	29.858	74.6	85.8	90.5	73.3	17.2	92.7	1	71.1	16	21.6
Negril Pt. Light House	33	29.905	29.865	76.7	84.4	88.0	72.3	15.7	91.0	2	70.1	13	20.9
Castleton Gardens ..	496	..	..	69.6	79.0	85.8	68.6	17.2	92.0	21	66.0	1*	26.0
Hope Gardens† ..	668	29.942	29.876	77.9	82.8	89.7	69.6	20.1	96.0	23	67.0	3	29.0
Stony Hill Indus. School	1,400	..	..	72.5	77.4	85.4	67.2	18.2	90	8	64	25	26
Kempshot ..	1,773	29.909	29.862	73.0	75.4	80.7	70.1	10.6	86.2	22	65.6	19	20.6
Hill Gardens ..	4,900	25.286	25.263	63.7	65.9	68.9	58.9	10.0	71.0	1*	56.0	6*	15.0

Stations.	Elevation.	Dew Point 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.	°		°		in.	Mls.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Pt. Light House	8	73.9	78	74.6	71	3.68	..	NE	10.5	ENE	11.0	1.2	3.1	2.0	0.8	2.8	1.4
Kingston	24	71.0	88	74.1	68	0.71	168	NE	3.5	SE	12.7	0.3	0.7	4.1	4.6	0.7	2.3
Negril Point Light House‡	33	72.1	86	74.4	72	6.87	164	ENE	6.2	E	10.0	1.3	1.3	4.3	2.3	6.2	0.4
Castleton Gdns	496	68.5	97	75.1	88	10.52	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	64.8	64	65.7	67	2.32	..	..	..	..	..	..	..	..	..	..	..
Stony Hill Indus. School	1,400	67.1	84	71.4	82	9.02	..	..	..	..	..	..	..	..	..	..	..
Kempshot	1,773	66.7	82	69.3	83	14.24	130	E	4.2	NE	5.0	1.2	0.1	1.5	3.2	4.1	0.2
Hill Gardens	4,900	61.8	87	59.7	87	2.75	..	..	..	..	..	..	..	..	..	..	..

*and on other days. †Hope Gardens. Bar. read at 9 a.m. and 3 p.m.
‡Negril Point Light House. Wind 11 p.m NE. 5.5

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-division; 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.

NORTH-EASTERN DIVISION.	September, 1922.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
	In.	In.			In.
Manchioneal ..	5.49	1.62	28	11	10.61
Bath ..	7.63	1.66	14	19	12.07
Priestman's River	9.63	2.70	28	9	..
Moore Town ..	8.58	1.25	26	12	15.39
Port Antonio ..	6.16	0.90	9	16	10.64
Fellowship ..	6.65	1.30	27	17	13.12
Johnson River Bridge ..	3.61	0.85	28	12	11.04
Cedar Valley, St. Thos. ..	1.21	0.50	28	3	13.17
Hill Gardens ..	2.85	1.10	16	9	9.84
Spring Garden ..	4.58	1.14	18	12	4.85
Buff Bay ..	4.55	1.96	19	5	4.84
Greenvale ..	2.73	1.11	15	7	9.12
Belvedere, Portland	2.95	0.72	8	7	..
Mt. Holstein ..	6.43	1.51	5	9	9.23
Rose Hill ..	11.64	2.00	9	13	12.23
Hardware Gap ..	5.23	..	..	..	..
Stony Hill Ind. Sch.	9.02	1.72	4	18	9.97
Castleton Gardens	10.52	2.16	30	16	11.70
Lawrence Tavern	10.63	2.65	10	12	9.76
Zion Hill ..	15.26	2.35	8	16	..
Agualta Vale ..	2.28	1.04	19	6	4.86
Water Valley ..	2.95	0.89	7	7	4.91
Platfield ..	..	..	..	..	..
Richmond, St. Mary	2.82	1.27	15	15	5.75
Hampstead, St. Mary	2.63	0.75	15	12	6.95
Windsor Castle ..	1.33	1.02	15	11	..
Guy's Hill ..	2.53	0.73	15	10	..
Lucky Hill ..	1.70	0.52	29	6	5.81
Rio Hoe ..	2.35	1.00	15	3	6.17
Unity Valley ..	3.50	0.87	23	10	8.17
Moneague ..	5.92	1.80	2	12	7.33
Claremont ..	4.15	1.70	23	7	6.03
Albion, St. Ann ..	3.20	0.93	23	15	7.24
Averham Park ..	2.59	1.24	23	12	5.19

NORTHERN DIVISION.	September, 1922.				
	Total fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
	In.	In			In.
Port Maria ..	1.53	0.39	26	8	3.85
Ocho Rios ..	1.45	0.60	7	4	3.63
Bogue, Ocho Rios	1.66	0.65	8	5	4.26
Rockfield ..	1.50	0.41	15	8	5.18
Liberty Hill ..	1.27	0.52	10	6	4.13
St. Ann's Bay ..	4.44	1.57	8	6	3.47
Seville ..	4.18	1.10	3	8	3.64
Richmond Estate	..	..	..	..	..
Llandovery ..	..	..	..	..	..
Runaway Bay ..	1.75	0.85	3	3	..
Brown's Town ..	2.76	0.74	3	9	5.26
Alexandria ..	5.15	0.95	12	12	..
Watt Town, St. Ann	6.23	2.32	3	6	..
Richmond Pen ..	8.70	3.60	3	9	6.26
Bryan Castle ..	2.55	0.75	3	10	3.25
Braco ..	3.90	0.85	3	9	3.57
Harmony Hall ..	1.75	1.10	29	3	3.57
Georgia ..	..	..	..	..	..
Falmouth ..	2.96	0.99	3	12	3.36
Good Hope ..	10.64	2.00	13	18	..
Schawfield ..	4.43	0.72	27	16	..
Hampden ..	5.36	0.86	27	15	..
Guilsbro ..	..	..	..	..	..
Success ..	..	..	..	..	..
Cinnamon Hill ..	..	..	..	..	..
Rose Hall ..	..	..	..	..	..
Tryall ..	..	..	..	..	..
Running Gut ..	..	..	..	..	..
Spring Estate ..	..	..	..	..	..
Montego Bay ..	8.06	2.26	19	19	6.76
Friendship ..	8.27	3.20	19	12	..
Retirement ..	12.47	4.40	19	19	..
King Gate ..	5.12	0.90	23	17	7.80
Blue Hole ..	11.55	1.80	12	11	..
Kew ..	14.66	4.43	19	19	8.14
Haughton Court ..	10.95	2.35	30	17	6.68
Lucea ..	11.04	1.90	30	17	8.02
Green Island ..	21.29	4.17	12	19	..
CENTRAL SUB-DIVISION					
Rio Magno ..	5.92	1.50	25	8	..
Headworks, Rio Cobre ..	2.77	0.58	27	8	6.49
Linstead ..	5.39	0.92	3	12	8.02
Berkshire Hall ..	6.47	1.93	24	12	6.66
Point Hill ..	3.11	0.55	27	7	12.07
Bellas Gate ..	2.53	0.70	10	6	..
Croft Hill ..	1.52	1.05	5	8	8.91
Chapelton ..	3.76	2.60	28	8	8.00
Frankfield ..	6.01	1.52	5	7	..
Crooked River ..	3.26	1.91	5	6	..

West-Central Division.	September, 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Mocho, Clarendon	5.44	1.06	3	14	9.31
Spaldings ..	2.99	0.95	9	15	..
Brokenhurst ..	4.11	1.10	29	16	9.85
Christiana ..	2.17	0.75	9	12	9.82
Chudleigh ..	2.44	0.43	30	11	10.36
Shooter's Hill ..	4.32	1.13	5	11	9.54
Kendal, Manchester	4.01	1.44	5	12	9.98
Clifton Hill ..	2.11	0.91	14	6	..
Marshalls Pen ..	2.56	0.57	5	10	9.42
Mandeville ..	3.90	1.00	14	16	10.12
Carlton, Mandeville	3.67	0.95	14	12	10.12
Ulster Spring ..	11.98	3.50	3	14	9.91
	..	..	..	..	..
	..	..	..	..	..
Albert Town ..	13.88	3.65	3	14	11.07
Lowe River ..	1.89	0.57	10	8	12.00
Troy ..	12.69	2.35	18	12	13.89
Balaclava Police Station ..	10.78	2.52	9	13	11.01
Wallingford ..	9.05	2.29	9	14	12.87
Magotty ..	11.10	2.36	2	13	11.99
Springfield, St. Elizabeth ..	14.09	2.22	9	16	..
Kempshot ..	14.24	3.21	19	18	9.36
Cambridge, St. James ..	18.28	2.71	12	23	..
Kew Park ..	19.55	3.45	5	24	12.40
New Market, Police Stn. ..	9.51	2.12	2	17	..
The Bog, New Market ..	9.76	2.35	26	11	..
Bethel Town ..	19.79	3.40	13	22	..
Montpelier ..	..	..	..	..	..
Ramble ..	17.95	1.55	11	22	..
Burnt Ground ..	19.50	3.05	17	23	12.65
Knockalva ..	14.37	1.65	1	21	..
Petersville ..	15.32	2.95	8	17	9.35
Darliston ..	14.67	2.03	5	23	14.58
Bluefields ..	11.96	3.60	28	12	10.47
Whithorn ..	10.86	2.20	5	18	11.30
Water Works Pen	10.73	2.10	12	23	..
Askenish ..	16.37	2.90	1	21	..
Grange Hill ..	13.07	2.92	12	19	11.89
King's Vale Police Stn. ..	23.15	3.23	30	18	11.22

Southern Division.	September, 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Morant Point L.H.	3.68	0.88	28	15	7.02
Pleasant Hill ..	7.03	1.55	28	17	..
East Prospect ..	8.46	2.25	28	17	8.14
Morant Bay ..	4.90	1.61	28	10	8.27
Easington ..	1.52	0.37	30	9	8.59
Bull Bay ..	..	..	..	..	..
Mavis Bank ..	2.29	1.20	14	4	..
Bellevue ..	3.16	17.1	13	6	8.85
Gordon Town ..	2.99	1.40	14	8	..
Irish Town ..	4.50	..	..	..	..
Hope Gardens ..	..	..	..	..	..
King's House Gar.	3.66	..	..	..	..
Melrose ..	..	..	..	..	..
Half-way Tree ..	2.46	1.28	17	7	4.81
Lunatic Asylum	0.77	0.52	14	6	4.44
N. E. Kingston ..	0.96	0.46	14	8	4.60
Kingston P.W.O.	0.71	0.25	15	7	4.03
Upper Kingston ..	1.26	0.67	14	9	..
Plumb Point L.H.	2.79	0.97	17	8	4.10
Clifton Pen ..	0.79	0.50	14	2	4.39
Hematine ..	1.60	1.06	6	8	..
Quarantine Station	0.30	0.20	28	2	2.66
Spanish Town ..	1.16	0.64	6	5	5.13
Hog Hole, St. Catherine ..	2.64	1.40	6	7	6.04
Hartlands ..	2.06	1.48	17	5	4.79
Old Harbour ..	1.70	0.65	16	5	6.25
May Pen ..	2.22	0.85	2	8	6.99
Dry River, Vere ..	1.75	1.03	17	5	5.60
Toll Gate ..	1.35	0.35	30	6	8.15
New Yarmouth ..	1.90	1.18	17	5	5.82
Exeter ..	..	..	..	..	..
Milk River ..	0.87	0.57	30	3	7.51
Retrieve ..	0.94	0.30	29	7	..
Hog Hole, S. Man.	..	..	..	..	..
Stone's Hope ..	2.81	0.98	14	8	8.37
Newport, Manchester ..	4.36	2.08	14	14	7.94
Great Valley, Man.	2.41	1.35	14	6	6.54
Alligator Pond ..	2.53	1.15	14	5	5.13
Fairfield ..	4.65	1.47	14	15	8.22
Southfield, St. Elizabeth ..	2.22	1.64	14	3	..
Lititz ..	3.02	1.30	14	9	5.10
Torrington ..	1.65	0.62	14	10	6.52
Bethlehem, St. Eliz.	3.36	0.73	14	13	7.32
Santa Cruz ..	4.02	0.75	26	15	9.77
Pedro Plains Police Stn. ..	0.19	0.19	6	1	4.11
Mountainside ..	..	..	..	..	..
Black River ..	..	..	..	..	..
Font Hill ..	7.95	2.60	9	14	6.29
Mount Edgecombe	9.87	1.79	9	22	8.28
Sweet River ..	7.04	2.00	5	13	7.87
Windsor Sav-la-Mar	10.75	2.40	5	18	7.49
Orchard ..	10.20	2.10	28	17	8.84
Sav.-la-Mar ..	10.75	3.71	5	18	7.09
Little London ..	10.08	2.05	25	17	..
Retreat ..	9.51	2.44	9	16	7.99
Negril Point L.H.	6.87	1.91	12	21	6.91

NOTES.

COMPARATIVE TABLE OF RAINFALL.
(Based upon the "Average" Stations only.)

DIVISIONAL AND ISLAND RAINFALL.	SEPTEMBER. 1922.	SEPTEMBER. Average.
	In.	In.
North-Eastern Division ...	5.05	8.48
Northern " ...	4.64	5.73
West-Central " ...	9.85	11.02
Southern " ...	3.80	6.40
The Island ..	5.67	7.91

SHOCKS OF EARTHQUAKE IN SEPTEMBER, 1922.

Date.	Standard Time (Approx.)	Intensity.	Notes: where felt, etc.
			No earthquakes this month.

The rainfall was again below the average, except at the West End and at a few Stations in the N.E. division.

The heaviest fall 23.15 inches was recorded at King's Vale Police Station and the smallest 0.19 in. at Pedro Plains.

Corrigenda. W.R. No 528, p.5; Negril Point L.H. Met. Returns: for 1922 read 1921.
W.R. No. 530, p. 4: Island Rainfall: for 3.44 read 3.70.

C. MAXWELL HALL,

Acting Government Meteorologist.

Montego Bay, Oct. 23rd, 1922.

No. 538.

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Weather Bureau

JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

OCTOBER, 1922.

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 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, cirro-stratus

METEOROLOGICAL RESULTS.

Stations.	Elevation.	Bar. Pressure		Temperatures.					Extreme Temperature				
		7 a.m.	3 p.m.	7 a.m	3p.m	Max	Min.	Range	Max	Date.	Min.	Date.	Range
	ft.	in.	in.										
Morant Pt. Light House	8	29.900	29.847	79.8	83.8	86.4	73.5	12.9	88.5	8	68.0	22	20.5
Kingston ..	24	29.872	29.819	74.2	85.3	88.5	72.3	16.2	92.1	6	69.4	31	22.7
Negril Pt. Light House	33	29.865	29.806	76.6	84.7	86.5	73.1	13.4	90.6	6	70.5	24	20.1
Castleton Gardens ..	496	..	..	69.0	80.3	85.8	68.0	17.8	91.0	*25	65.	21*	26.
Hope Gardens† ..	668	29.922	29.832	77.9	85.6	86.7	68.4	18.3	90.	29	65.	2	25.
Stony Hill Indus. School	1,400	..	..	70.9	78.8	83.3	68.4	14.9	88.	4*	66.	16*	22.
Kempshot ..	1,773	29.866	29.815	70.1	76.4	83.4	67.2	16.2	85.2	10	64.7	15	20.5
Hill Gardens ..	4,900	25.264	25.247	63.2	65.6	68.7	57.1	11.6	71.	3*	56.	27*	15.

Stations.	Elevation.	Dew Point 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.					in.	Mls.		m.		m.	L.	M	U.	L.	M.	U.
Morant Pt. Light House	8	73.6	80	73.4	71	7.05	..	E	11.0	E	11.0	1.3	3.1	1.9	1.6	1.7	1.6
Kingston	24	70.9	89	72.7	59	4.15	184	ENE	5.6	SE	13.3	0.7	0.6	2.5	5.1	0.6	0.4
Negril Point Light House‡	33	73.3	89	75.6	75	4.68	255	E	7.6	SSE	12.9	2.6	0.9	3.6	1.6	4.2	2.5
Castleton Gdns	496	67.2	93	75.9	88	9.46	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	64.3	62	68.1	55	6.94	..	..	..	..	..	..	..	..	..	..	..
Stony Hill Indus. School	1400	57.4	89	71.2	78	11.62	..	..	..	..	..	..	..	..	..	..	..
Kempshot	1773	68.2	88	72.4	76	11.30	111	E	4.3	ENE	5.6	2.3	1.1	3.9	1.5	3.8	1.8
Hill Gardens	4900	59.6	90	62.5	90	6.65	..	..	..	..	..	..	..	..	..	..	..

*and on other days. †Hope Gardens. Bar. read at 9 a.m. and 3 p.m.
‡Negril Point Light House. Wind 11 p.m. E. 8.7

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 Thsese 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-division; 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

NORTH-EASTERN DIVISION.	October 1922.				
	Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Manchioneal	7.90	2.16	16	12	17.28
Bath	14.72	4.05	16	16	16.97
Priestman's River	8.95	1.82	13	11	..
Moore Town	9.64	2.00	9	8	19.92
Port Antonio	3.76	1.00	16	8	15.19
Fellowship	5.48	1.50	13	11	17.63
Johnson River Bridge	20.10	3.55	16	14	13.76
Cedar Valley, St. Thos.	22.92	4.80	16	12	14.30
Hill Gardens	6.65	2.00	14	9	17.20
Spring Garden	1.96	0.70	18	7	7.73
Buff Bay	3.24	1.10	18	5	10.15
Greenvale	4.08	0.79	16	10	11.60
Belvedere, Portland	3.62	1.80	9	9	..
Mt. Holstein	11.52	3.22	9	13	11.83
Rose Hill	8.70	1.50	15	9	16.32
Hardware Gap	7.44	..	..	..	15.11
Stony Hill Ind. Sch	11.72	1.82	15	15	14.59
Castleton Gardens	9.46	2.05	31	14	14.65
Lawren e Tavern	8.34	4.11	9	6	12.28
Zion Hill	6.11	1.50	16	9	..
Agualta Vale	3.55	0.75	19	11	6.17
Water Valley	3.74	0.90	10	8	7.72
Platfield	9.60	2.19	19	12	7.02
Richmond, St. Mary	7.65	1.96	9	11	8.73
Hampstead St Mary	3.33	1.68	12	3	9.27
Windsor Castle	8.49	1.80	18	14	..
Guy's Hill	6.85	2.55	9	10	..
Lucky Hill	12.35	2.30	12	13	8.90
Rio Hoe	2.22	1.00	9	4	9.08
Unity Valley	5.50	1.93	9	9	9.22
Moneague	5.85	2.10	9	10	9.39
Claremont	3.65	0.90	8	9	8.63
Albion, St. Ann	6.81	3.09	9	12	8.95
Averham Park	3.12	0.93	17	10	11.51

NORTHERN DIVISION.	October, 1922.				
	Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	2.02	1.20	10	4	8.79
Ocho Rios	5.14	1.53	17	6	5.82
Bogue, Ocho Rios	3.24	1.00	9	8	6.62
Rockfield	2.63	0.57	11	9	7.75
Liberty Hill	2.73	0.80	11	7	6.57
St. Ann's Bay	4.26	3.14	9	6	6.93
Seville	3.17	1.10	27	7	6.95
Richmond Estate					
Llandovery					
Runaway Bay	1.87	0.74	18	4	..
Brown's Town	6.80	1.62	17	11	8.58
Alexandria	4.11	1.08	13	12	..
Watt Town, St. Ann	6.58	1.70	17	7	..
Richmond Pen	4.70	1.10	17	8	7.92
Bryan Castle	3.74	1.72	9	7	5.64
Braco	2.33	0.75	9	7	5.25
Harmony Hall	2.80	1.05	10	6	5.30
Georgia	..	..	..	..	..
Falmouth	8.32	3.33	9	11	5.42
Good Hope	5.73	2.35	9	13	..
Shawfield	4.49	2.31	9	10	..
Hampden	6.97	3.48	9	9	7.19
Guilsbro	..	..	..	..	..
Success	2.68	0.90	17	6	6.10
Cinnamon Hill	2.36	0.90	10	7	6.72
Rose Hall	2.23	1.00	10	7	6.31
Tryall	1.26	0.50	10	4	..
Running Gut	2.98	1.25	10	7	5.44
Spring Estate	1.91	1.00	17	5	6.64
Montego Bay	2.61	0.92	5	8	7.65
Friendship	6.65	3.58	19	9	..
Retirement	9.38	3.65	19	13	..
King Gate	1.98	0.55	20	8	9.60
Blue Hole	7.75	3.00	18	5	..
Kew	5.66	1.75	5	16	7.80
Haughton Court	5.10	1.20	5	12	6.85
Lucea	5.05	1.25	4	14	8.08
Green Island	2.23	1.45	5	5	..
CENTRAL SUB-DIVISION					
Rio Magno	8.27	2.35	19	9	..
Headworks, Rio. Cobre	8.63	3.10	13	12	9.20
Linstead	14.83	4.20	9	7	9.98
Berkshire Hall	7.66	3.02	9	13	6.72
Point Hill	11.50	3.60	12	9	15.59
Bellas Gate	14.66	5.00	13	10	..
Croft Hill	3.42	1.50	14	8	10.06
Chapelton	12.77	3.00	13	17	12.15
Frankfield	10.51	2.72	13	8	..
Crooked River	8.58	2.40	13	11	..

West-Central Division.	October 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Mocho, Clarendon	14.12	5.72	13	11	13.43
Spaldings ..	16.46	3.17	13	19	..
Brokenhurst ..	15.21	3.59	13	15	14.12
Christiana ..	10.76	1.84	13	17	11.47
Chudleigh ..	5.92	2.12	13	19	10.70
Shooter's Hill ..	11.45	3.35	13	14	12.21
Kendal, Manchester	11.77	3.16	13	13	14.08
Clifton Hill ..	15.80	3.95	13	15	..
Marshalls Pen ..	11.62	2.00	21	14	12.28
Mandeville ..	11.89	2.32	13	18	15.28
Carlton, Mandeville	12.13	2.22	13	7	15.28
Ulster Spring ..	7.25	1.82	10	14	11.67
Albert Town ..	9.38	2.35	9	11	13.08
Lowe River ..	9.14	1.77	7	12	13.47
Troy ..	12.72	2.50	25	14	15.91
Balaclava Police Station ..	9.42	1.92	30	16	12.73
Wallingford ..	8.79	1.54	30	19	13.18
Magotty ..	10.03	1.39	30	17	14.07
Springfield, St. Elizabeth ..	10.55	2.00	6	14	..
Kempshot ..	11.30	4.38	20	12	9.44
Cambridge, St. James ..	8.10	1.93	5	17	..
Kew Park ..	8.58	1.87	6	16	11.91
New Market, Police Station ..	7.02	1.56	6	12	..
The Bog, New Market ..	9,43	2.43	31	13	..
Bethel Town ..	13.37	2.42	6	14	..
Montpelier ..	..	..	..	..	..
Ramble ..	6.88	1.80	5	13	..
Burnt Ground ..	8.45	2.25	18	18	11.16
Knockalva ..	8.88	1.85	5	16	..
Petersville ..	7.02	1.13	22	15	11.55
Darliston ..	9.88	1.83	31	20	15.19
Bluefields ..	8.70	3.60	19	6	11.45
Whithorn ..	7.05	2.42	6	12	12.54
Water Works Pen	5.65	1.60	6	17	..
Askenish ..	6.53	2.30	19	9	..
Grange Hill ..	4.38	3.10	7	12	12.71
King's Vale Police Station ..	3.67	1.80	30	7	9.79

Southern Division.	October 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Morant Point L.H.	7.05	1.34	16	17	11.66
Pleasant Hill ..	11.95	2.85	9	12	..
East Prospect ..	15.17	3.90	16	16	12.58
Morant Bay ..	11.34	2.30	16	14	12.84
Easington ..	18.85	8.25	9	12	12.55
Bull Bay ..	1.95	..	..	..	8.24
Mavis Bank ..	9.03	2.80	14	7	..
Bellevue ..	14.53	3.66	18	13	10.39
Gordon Town ..	..	..	..	..	..
Irish Town ..	9.50	..	..	..	10.87
Hope Gardens ..	6.94	..	..	..	9.74
King's House Gar.	5.29	..	..	..	9.07
Melrose ..	..	..	..	..	..
Half-way Tree ..	4.39	1.40	14	8	8.56
Lunatic Asylum	4.16	1.00	9	8	6.86
N.E. Kingston ..	4.28	1.13	12	11	5.91
Kingston P.W.O. ..	4.15	1.25	12	9	7.46
Upper Kingston ..	4.42	1.24	12	9	..
Plumb Point L.H.	9.07	2.00	12	11	7.21
Clifton Pen ..	4.24	1.46	15	7	7.23
Hematine ..	6.90	3.10	13	11	..
Quarantine Station	6.63	3.00	14	9	5.15
Spanish Town ..	6.47	2.73	13	10	8.79
Hog Hole, St. Catherine ..	7.99	3.28	13	11	9.33
Hartlands ..	7.90	3.50	13	11	7.57
Old Harbour ..	9.04	2.80	13	11	10.18
May Pen ..	8.09	2.96	13	11	10.61
Dry River, Vere ..	9.78	4.63	14	10	9.00
Toll Gate ..	14.59	4.00	13	13	10.42
New Yarmouth ..	9.82	5.12	13	10	8.72
Exeter ..	..	..	..	..	..
Milk River ..	10.88	3.61	13	10	8.55
Retrieve ..	13.72	4.84	13	13	..
Hog Hole, S. Man.	13.33	3.00	12	14	..
Stone's Hope ..	8.66	2.22	13	13	12.43
Newport, Manchester ..	10.15	2.07	15	16	12.04
Great Valley, Man.	7.00	2.12	13	14	10.67
Alligator Pond ..	7.12	2.15	13	14	7.64
Fairfield ..	10.66	1.56	31	18	10.62
Southfield, St. Elizabeth ..	9.65	2.43	13	13	..
Lititz ..	7.46	1.56	13	14	5.89
Torrington ..	5.31	1.20	13	15	10.57
Bethelemen, St. Eliz	7.33	2.08	7	16	11.41
Santa Cruz ..	7.73	1.58	18	15	12.21
Pedro Plains Police Stn. ..	..	..	..	..	..
Mountainside ..	..	..	..	..	..
Black River ..	2.80	0.64	13	9	8.38
Font Hill ..	5.25	1.40	13	9	8.78
Mount Edgecombe	5.18	1.37	30	17	9.84
Sweet River ..	5.62	2.05	6	11	9.64
Windsor Sav-la-Mar	4.39	1.98	7	8	8.08
Orchard ..	3.26	1.62	6	11	6.80
Sav-la-Mar ..	4.63	2.32	5	7	8.54
Little London ..	4.71	1.09	22	9	..
Retreat ..	3.20	0.86	6	10	10.07
Negril Point L.H.	4.68	0.92	9	13	8.11

NOTES

Comparative Table of Rainfall
(Based upon the "Average" Stations only.)

Divisional and Island Rainfall	October 1922	October Average
	In	In
North-Eastern Division ..	7.76	12.34
Northern " ..	5.01	7.46
West-Central " ..	9.63	12.19
Southern " ..	7.50	9.56
The Island ..	7.47	10.39

Shocks of Earthquakes in October, 1922

Date	Standard Time (Approx.)	Intensity.	Notes: where felt, etc
		No	Earthquakes reported

The mean rainfall for the month, for the Island, was about three-quarters of the average. The deficiency was very apparent in the North-eastern Div.

Most of the rain was recorded during the first half of the month. The greatest precipitation occurred on the 13th., and confined, for the most part, to the West-central and Southern, Divisions, evidently owing to the depression to the West of Jamaica about that time. The Kingston barometer fell to 29.74 ins. at 9 p.m. on 14th., accompanied by S.E. rainsqualls.

The greatest fall for the month occurred at Cedar Valley in St. Thomas, where a total of 22.92 ins. was recorded. And the least fall at Tryall, Northern Div., 1.26 ins.

In 24 hours the greatest fall was reported as 8.25 ins. on the 9th., at Easington, in the Southern Div.

Rain fell at all the Stations reporting.

Several other minor depressions passed to the South-west and West of the Island. There was one passing to the West between the 15th and 16th, causing South-easterly gales at the Western portion of the Island. On the 15th (forenoon) the Kingston barometer fell to 29.75 ins., and Negril Point to 29.67 ins.

J. F. Brennan,
Govt. Meteorologist.

Kingston, November 29th, 1922.

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Weather Bureau

No. 540.

JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

NOVEMBER, 1922.

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

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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, cirro-stratus

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Stations.	Elevation.	Bar. Pressure		Temperatures.					Extreme Temperature				
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	ft.	in.	in.										
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Kingston	24	29.919	29.8 4	71.6	86.0	88.2	70.4	17.8	92.3	17	66.2	20	26.1
Negril Pt. Light House	33	29.927	29.869	73.9	83.7	87.7	70.6	17.1	90.5	2	67.5	4	23.0
Castleton Gardens ..	496	..	..	67.5	77.5	79.7	66.9	12.8	88	1*	60.	20*	28.
Hope Gardens† ..	668	..	..	75.5	85.2	86.6	65.9	20.7	90	10	63.	19	27.
Stony Hill Indus. School	1,400	..	...	69.6	77.1	81.2	67.1	14.1	86	2*	65.	14*	21.
Kempshot ..	1,773												
Hill Gardens ..	4,900	25.251	25.210	62.6	64.1	67.2	55.4	11.8	70	1	54.	10*	16.

Stations.	Elevation.	Dew Point 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.					in.	Mls.		m.		m.	L.	M	U.	L.	M.	U.
Morant Pt. Light House	8	70.1	71	70.9	68	2.72	..	NNE	18 0	NNE	16.0	1.3	2.2	1.0	0.9	3.1	1.4
Kingston	24	67.1	86	70.1	63	0.50	146	NNE	4.7	ESE	9.0	0.7	1.3	2.3	4.0	1.8	1.1
Negril Point Light House‡	33	69.6	87	72.6	70	1.71	206	NE	7.7	NE	7.6	0.9	0.7	3.8	1.3	4.5	1.3
Castleton Gdns	496	66.2	97	73.0	88	5.68	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	..	..	..	..	2.39	..	..	..	..	..	..	..	..	..	..	..
Stony Hill Indus. School	1400	54.8	85	67.3	72	2.99	..	..	..	..	..	..	..	..	..	..	..
Kempshot	1773													..	..	..	..
Hill Gardens	4900	58.9	87	61.0	90	3.32	..	..	..	..	..	..	..	..	..	..	..

*and on other days. †Hope Gardens. Bar. read at 9 a.m. and 3 p.m.
‡Negril Point Light House. Wind 11 p.m. ME. 7.0

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	In.	In.			In.
Manchioneal	6.32	2.38	14	7	15.25
Bath	5.87	1.70	14	15	15.19
Priestman's River	4.84	2.15	14	5	..
Moore Town	15.25	2.32	14	16	34.65
Port Antonio	9.15	2.96	14	15	16.99
Fellowship	10.85	2.42	13	16	27.59
Johnson River Bridge	1.93	0.66	14	8	9.55
Cedar Valley, St. Thos.	2.39	1.09	26	4	14.64
Hill Gardens	3.32	0.75	27	11	16.16
Spring Garden	8.32	1.90	15	13	15.39
Buff Bay	8.00	1.86	14	9	16.66
Greenvale	16.25	2.76	11	18	32.26
Belvedere, Portland	7.29	1.36	14	16	..
Mt. Holstein	11.92	2.04	29	15	28.05
Rose Hill	4.94	1.50	25	7	16.45
Hardware Gap	3.59	..	..	..	..
Stony Hill Ind. Sch	2.99	1.16	25	11	8.22
Castleton Gardens	5.68	1.18	30	13	16.32
Lawrence Tavern	1.09	0.59	5	2	9.87
Zion Hill	1.45	0.50	19	8	..
Agualta Vale	7.88	2.10	25	14	11.65
Water Valley	7.04	0.95	15	19	10.79
Platfield	4.54	1.00	28	11	..
Richmond, St. Mary	4.08	1.15	15	16	12.06
Hampstead St Mary	6.46	1.50	15	17	19.47
Windsor Castle	5.13	1.12	15	22	..
Guy's Hill	3.51	0.87	15	13	..
Lucky Hill	7.61	1.54	15	15	16.28
Rio Hoe	2.54	0.66	6	8	10.66
Unity Valley	3.24	0.65	15	15	10.38
Moneague	3.29	0.74	15	16	12.07
Claremont	2.50	0.75	25	8	12.57
Albion, St. Ann	2.87	0.95	25	15	10.57
Averham Park	5.34	1.40	25	14	13.50

NORTHERN DIVISION.	November, 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	6.49	2.00	14	10	11.30
Ocho Rios	2.83	1.46	14	4	10.73
Bogue, Ocho Rios	4.92	1.00	14	11	14.22
Rockfield	5.70	1.59	25	10	16.63
Liberty Hill	3.34	0.50	25	10	12.60
St. Ann's Bay	4.69	1.50	14	10	10.13
Seville	..	..	..	..	..
Richmond Estate					
Llandovery					
Runaway Bay	2.59	0.70	15	7	..
Brown's Town	6.68	1.93	27	12	12.12
Alexandria	..	..	..	..	..
Watt Town, St. Ann	2.03	1.09	25	3	..
Richmond Pen	1.50	0.65	27	5	6.66
Bryan Castle	3.60	1.15	26	9	6.92
Braco	2.95	0.80	26	8	6.32
Harmony Hall	4.17	2.16	26	7	6.47
Duncans	3.43	2.00	25	4	..
Clark's Town	3.95	2.20	26	7	..
Deeside	1.47	0.56	25	4	..
Falmouth	4.20	2.70	26	12	5.23
Good Hope	3.75	3.10	26	6	..
Shawfield	4.49	3.11	26	8	..
Hampden	3.75	1.56	26	6	6.00
Guilsbro					
Success					
Cinnamon Hill					
Rose Hall					
Tryall					
Running Gut					
Spring Estate					
Montego Bay	2.11	0.85	26	8	5.27
Friendship	3.36	2.80	26	6	..
Retirement	4.14	2.22	26	10	..
King Gate	0.53	0.12	25	5	5.54
Blue Hole	1.78	1.05	12	5	..
Kew	1.20	0.85	11	5	5.16
Haughton Court	1.85	0.95	26	4	4.54
Lucea	1.17	0.60	26	4	6.05
Cousins Cave	0.84	0.30	27	4	..
Green Island	0.99	0.40	8	3	..
CENTRAL SUB-DIVISION					
Rio Magno	3.20	0.60	19	8	..
Headworks, Rio Cobre	2.63	1.70	12	5	5.11
Linstead	0.75	0.75	16	1	6.82
Berkshire Hall	1.62	0.72	15	7	8.50
Point Hill	1.29	0.74	5	3	11.22
Bellas Gate	0.50	0.50	21	1	..
Croft Hill	1.30	0.30	15	7	7.64
Chapelton	2.04	0.90	25	6	4.90
Frankfield	0.00	0.00	0	0	..
Crooked River					

West-Central Division.	November 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Mocho, Clarendon	1.77	1.25	25	3	6.13
Spaldings ..	1.87	0.41	5	14	..
Brokenhurst ..	3.82	1.50	5	10	7.94
Christiana ..	3.86	1.53	5	13	6.98
Chudleigh ..	4.24	1.68	10	10	8.34
Shooter's Hill ..	3.50	1.00	13	13	8.37
Kendal, Manchester	3.06	1.18	10	11	7.08
Clifton Hill ..	4.41	1.75	5	10	..
Marshalls Pen ..	3.64	1.21	5	9	6.98
Mandeville ..	6.36	2.59	5	14	7.47
Carlton, Mandeville	5.34	2.27	5	10	7.47
Ulster Spring ..	2.85	1.00	25	8	7.78
Albert Town ..	4.98	1.45	25	4	8.40
Lowe River ..	2.82	0.63	25	8	8.82
Troy ..	3.13	1.40	13	5	6.66
Warsop ..	5.25	1.90	26	5	..
Balaclava Police Station ..	6.02	1.46	1	12	6.30
Wallingford ..	4.55	1.27	1	12	7.39
Magotty ..	6.98	1.13	4	11	7.08
Springfield, St. Elizabeth ..	4.39	1.72	13	10	..
Kempshot ..	1.02	0.48	25	7	6.64
Cambridge, St. James ..	1.34	0.57	19	8	..
Kew Park ..	1.04	0.89	25	6	5.70
New Market, Police Station ..	5.22	0.90	4	12	..
The Bog, New Market ..	7.03	1.64	26	13	..
Bethel Town ..	3.61	1.23	19	9	..
Montpelier ..	..	..	..	..	..
Ramble ..	0.74	0.25	19	6	..
Burnt Ground ..	0.80	0.25	19	4	6.01
Knockalva ..	0.92	0.27	19	8	..
Petersville ..	3.95	1.15	21	10	6.64
Darliston ..	5.02	0.79	13	12	7.43
Bluefields ..	4.25	1.35	26	6	6.67
Whithorn ..	1.54	0.60	21	3	6.39
Water Works Pen	3.02	1.35	1	8	..
Askenish ..	1.30	0.44	27	5	..
Grange Hill ..	4.87	1.38	1	7	5.74
King's Vale Police Station ..	1.77	1.33	8	4	5.55

Southern Division.	November 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Morant Point L.H.	2.72	1.28	14	10	8.24
Pleasant Hill ..	3.75	1.50	14	5	..
East Prospect ..	3.25	1.95	13	8	11.88
Morant Bay ..	1.64	0.55	27	5	7.28
Easington ..	0.23	0.15	27	2	6.02
Bull Bay ..	0.00	..	..	0	3.41
Mavis Bank ..	2.99	1.05	1	5	..
Bellevue ..	3.50	0.61	27	11	15.73
Gordon Town ..	2.18	0.82	22	5	..
Irish Town ..	3.50	..	..	..	..
Hope Gardens ..	2.39	..	..	..	5.95
King's House Gar.	2.64	..	..	..	5.32
Melrose ..	..	..	..	..	..
Half-way Tree ..	1.38	0.65	9	8	4.40
Lunatic Asylum	0.31	0.15	27	4	3.54
N.E. Kingston ..	0.42	0.16	28	6	5.57
Kingston P.W.O. ..	0.50	0.40	8	3	3.03
Upper Kingston ..	0.84	0.55	8	6	..
Plumb Point L.H.	0.32	0.25	27	2	2.56
Clifton Pen ..	1.48	0.70	27	4	6.28
Hematine ..	2.42	1.28	13	7	..
Quarantine Station	0.20	0.20	28	1	3.03
Spanish Town ..	1.75	0.60	13	6	3.90
Hog Hole, St. Catherine ..	4.29	1.88	1	5	4.80
Hartlands ..	6.29	3.70	13	6	5.69
Old Harbour ..	5.39	1.50	1	7	4.81
May Pen ..	1.06	0.49	28	5	4.92
Dry River, Vere ..	..	..	..	..	
Toll Gate ..	4.39	1.55	13	6	7.20
New Yarmouth ..	1.34	0.74	6	4	3.93
Exeter ..	..	..	..	..	..
Milk River ..	1.59	0.68	6	3	5.97
Retrieve ..	8.37	5.50	13	8	..
Hog Hole, S. Man.	..	..	..	..	..
Stone's Hope ..	3.82	1.18	9	9	5.84
Newport, Manchester	4.93	1.84	5	8	7.48
Great Valley, Man.	4.21	2.01	9	11	4.89
Alligator Pond ..	6.03	2.08	5	8	3.70
Fairfield ..	3.17	1.15	5	13	7.17
Southfield, St. Elizabeth ..	4.35	1.31	4	9	..
Lititz ..	5.38	2.07	5	5	4.68
Torrington ..	3.66	1.30	13	9	6.93
Bethelemen, St. Eliz	5.28	1.53	13	11	7.36
Santa Cruz ..	5.31	1.25	4	13	6.19
Pedro Plains Police Stn. ..	..	..	..	..	..
Mountainside ..	..	..	..	..	..
Black River ..	2.38	0.77	8	7	4.34
Font Hill ..	3.70	1.40	6	6	4.79
Mount Edgecombe	4.73	2.16	26	12	4.94
Sweet River ..	3.04	0.70	13	8	3.92
Windsor Sav-la-Mar	2.51	0.75	13	6	3.79
Orchard ..	1.99	0.64	13	7	4.72
Sav-la-Mar ..	1.75	0.58	5	5	3.86
Little London ..	1.87	0.75	1	4	..
Retreat ..	1.24	0.38	4	5	4.98
Negril Point L.H.	1.71	0.43	5	7	4.30

NOTES

Comparative Table of Rainfall
(Based upon the "Average" Stations only.)

Divisional and Island Rainfall	November 1922	November Average
	In	In
North-Eastern Division ..	6.19	16.22
Northern " ..	2.97	6.74
West-Central " ..	3.65	6.48
Southern " ..	2.73	5.35
The Island ..	3.88	8.70

Shocks of Earthquake in November, 1922

Date	Standard Time (Approx.)	Intensity.	Notes: where felt, etc
		No	Earthquakes reported

Corrigendum—W. R. No. 537, Sept. 1922. p. 4—Island Rainfall for 5.67 read 5.83.

The mean rainfall for the month, for the Island, was only about 45 per cent of the average. The deficiency was very apparent in the North-eastern Div., where only 38 per cent was registered. The West Central, however, had 56 per cent.

Much of this rain fell during the first half of the month. The North-eastern Div. had its heaviest falls about the 14th and 15th. The Northern about the 26th. In the West-Central, the precipitation was well distributed throughout the month. The Southern Div. had heaviest falls about the 13th and 27th.

The greatest fall for the month occurred at Greenvale, in the N.E. Div., where a total of 16.26 ins. was recorded. No rain was reported from Frankfield in the Northern Div., and Bull Bay in the Southern Div.

In 24 hours the greatest fall was given as 3.70 ins. at Hartlands in the Southern Div.

"Northers" were experienced during the month, especially in the first half.

J. F. Brennan,
Govt. Meteorologist.

Kingston, December 19th, 1922.

No. 541.

JAMAICA

WEATHER REPORT.

FOR THE MONTH OF

DECEMBER, 1922.

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 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, cirro-stratus

METEOROLOGICAL RESULTS.

Stations.	Elevation.	Bar. Pressure 7 a.m.	Bar. Pressure 3 p.m.	Temperatures 7 a.m	Temperatures 3p.m	Temperatures Max	Temperatures Min.	Temperatures Range	Extreme Temperature Max	Date.	Min.	Date.	Range
	ft.	in.	in.	°	°	°	°	°	°		°		°
Morant Pt. Light House	8	30.027	29.982	78.[illegible]	81.3	82.6	75.3	7.3	84.0	11*	69.0	2[illegible]	15.0
Kingston	24	29.994	29.934	6[illegible].8	85.9	87.6	69.4	18.2	91.9	1	65.8	28	26.1
Negril Pt. Light House	33	29.999	29.913	72.0	84.1	87.4	69.0	18.4	91.9	5	65.1	26*	2[illegible].8
Castleton Gardens	496	..	..	66.8	76.9	82.5	65.9	16.6	87	16	60.	22*	27.
Hope Gardens†	668	30.046	29.940	73.	85.9	85.9	64.7	21.2	90	5	60.	22	[illegible]0.
Stony Hill Indus. School	1,400		...	65.4	76.[illegible]	79.4	63.5	15.9	86	22	62.	1*	24.
Kempshot	1,773	29.996	29.941	69.0	72.6	75.3	67.9	7.4	79.9	6	62.6	27	17.3
Hill Gardens	4,900	25.258	25.238	69.8	62.5	66.7	54.6	12.1	69	5	53.	27*	16.

Stations.	Elevation.	Dew Point and Humidity. 7 a.m. °	7 a.m. %	3 p.m. °	3 p.m. %	Rainfall.	Wind per diem.	Wind: direction from and miles per hour. 7 a.m.	m.	3. p.m.	m.	Amount of Cloud. Lower, Middle and Upper 7 a.m. L.	M	U.	3 p.m. L.	M.	U.
	ft.					in.	Mls.										
Morant Pt. Light House	8	70.8	77	70.9	71	3.20	..	NE	20	NE	20	2.1	2.2	1.3	0.3	2.7	1.0
Kingston	24	63.7	81	67.7	55	0.07	16[illegible]	NNE	4.6	SE	12.8	2.0	1.0	1.4	3.1	2.7	1.7
Negril Point Light House‡	33	66.9	84	70.8	64	2.16	210	NE	9.2	Var.	9.4	0.6	0.4	2.7	1.2	4.0	1.3
Castleton Gdns	496	64.8	93	73.0	88	4.52	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	59.1	60	66.1	51	1.67	..	..	..	..	..	..	..	..	..	..	..
Stony Hill Indus. School	1400	61.1	86	63.7	64	0.45	..	..	..	..	..	..	..	..	..	..	..
Kempshot	1773	6[illegible].0	83	69.8	80	3.5[illegible]	201	NE	8.0	NE	5.6	3.6	1.7	1.4	2.7	3.6	0.1
Hill Gardens	4900	57.8	90	59.2	87	3.83	..	..	..	..	..	..	..	..	..	..	..

*and on other days. †Hope Gardens. Bar. read at 9 a.m. and 3 p.m.
‡Negril Point Light House. Wind 11 p.m. NE. 8.7

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-division; 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.

NORTH-EASTERN DIVISION.	December 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Manchioneal	4.44	2.22	15	7	8.11
Bath	5.34	0.85	11	22	9.21
Priestman's River	6.11	1.21	11	9	
Moore Town	16.13	2.45	1	23	26.08
Port Antonio	7.50	2.44	15	21	13.57
Fellowship	12.60	1.86	11	30	20.04
Johnson River Bridge	2.29	0.56	12	12	5.24
Cedar Valley, St. Thos.	1.04	0.75	11	3	5.17
Hill Gardens	3.83	0.95	15	12	10.30
Spring Garden	7.80	2.15	12	20	11.91
Buff Bay	8.77	2.45	11	14	12.66
Greenvale	14.28	2.19	1	16	25.12
Belvedere, Portland					
Mt. Holstein	11.58	3.34	1	16	18.45
Rose Hill	2.95	1.50	10	3	5.04
Hardware Gap	3.84	1.00	22	5	6.90
Stony Hill Ind. Sch	0.45	0.15	7	5	4.19
Castleton Gardens	4.52				13.09
Lawren e Tavern	0.41	0.18	17	3	4.85
Zion Hill	1.98	0.75	7	7	
Agualta Vale	6.83	1.58	6	18	10.44
Water Valley	13.03	4.30	11	19	10.30
Platfield	2.63	1.00	5	4	8.15
Richmond, St. Mary	9.02	3.00	7	17	10.35
Hampstead St Mary	9.65	1.18	15	18	14.54
Windsor Castle	9.52	1.95	11	14	
Guy's Hill	4.31	0.87	3	13	
Lucky Hill	14.12	2.08	6	20	12.12
Rio Hoe	5.08	1.50	7	6	8.82
Unity Valley	2.49	0.70	7	13	7.55
Moneague	4.15	1.02	7	14	7.44
Claremont	5.26	1.50	7	9	8.39
Albion, St. Ann	3.04	0.65	7	16	8.30
Averham Park	5.19	1.33	6	15	10.73

NORTHERN DIVISION.	December, 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	8.39	1.95	11	14	8.91
Ocho Rios	6.65	2.60	11	6	6.67
Bogue, Ocho Rios	8.16	1.75	11	13	8.51
Rockfield	5.84	1.36	11	11	9.28
Liberty Hill	6.45	2.34	11	6	8.84
St. Ann's Bay	7.72	1.95	6	7	7.84
Seville					
Richmond Estate					
Llandovery					
Runaway Bay	4.72	0.90	15	8	
Brown's Town	3.98	1.13	7	11	8.72
Alexandria	0.62	0.22	15	5	
Watt Town, St. Ann	0.60	0.60	22	1	
Richmond Pen	1.05	1.00	31	2	4.94
Bryan Castle	3.20	1.30	6	8	6.58
Braco	2.65	0.90	6	5	5.92
Harmony Hall	2.90	1.21	7	7	6.26
Duncans	1.90	1.90	7	1	
Clark's Town	3.55	1.50	6	5	
Dec ide	0.86	0.34	21	3	
Falmouth	2.50	1.21	7	6	4.92
Good Hope	0.75	0.25	2	6	
Shawfield	4.49	0.87	6	3	
Hampden					
Guilsbro					
Success					
Cinnamon Hill					
Rose Hall					
Tryall					
Running Gut					
Spring Estate					
Montego Bay	0.35	0.11	23	4	4.79
Friendship	0.55	0.30	26	2	
Retirement	1.02	0.20	26	7	
King Gate	0.14	0.14	26	1	4.12
Blue Hole	3.81	1.37	20	6	
Kew	3.38	0.89	29	8	3.39
Haughton Court	3.10	0.95	29	9	3.51
Lucea	2.59	1.08	29	9	3.74
Cousins Cove					
Green Island	2.71	1.30	29	6	
CENTRAL SUB-DIVISION					
Rio Magno					
Headworks, Rio Cobre	0.96	0.60	11	4	21.08
Linstead					
Berkshire Hall	2.79	0.85	3	7	4.10
Point Hill	2.59	1.15	25	5	5.31
Bellas Gate	1.55	0.60	7	3	
Croft Hill	1.15	0.30	12	7	2.92
Chapelton	1.52	0.67	29	6	2.63
Frankfield	2.96	1.07	17	5	
Crooked River					
Trout Hall	1.39	0.60	17	6	3.24

West-Central Division.	December 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Mocho, Clarendon	2.37	1.06	25	6	2.30
Spaldings ..	4.06	1.53	22	15	..
Brokenhurst ..	2.71	0.69	26	9	3.38
Christiana ..	2.03	0.73	22	13	3.52
Chudleigh ..	2.97	1.00	22	15	2.81
Shooter's Hill ..	2.82	0.60	22	10	2.99
Kendal, Manchester	..	..	..	..	..
Clifton Hill ..	1.32	0.37	7	5	..
Marshalls Pen ..	2.60	1.12	29	6	3.37
Mandeville ..	1.53	0.54	7	10	3.34
Carlton, Mandeville	1.27	0.60	7	4	3.34
Ulster Spring ..	1.69	0.90	12	5	4.54
Albert Town ..	2.75	1.00	10	4	4.48
Lowe River ..	4.48	1.56	10	9	3.96
Troy ..	3.90	2.60	10	3	3.74
Warsop ..	7.75	2.10	3	6	..
Balaclava Police Station ..	1.34	0.98	23	3	2.61
Wallingford ..	1.24	0.68	23	8	2.68
Magotty ..	3.65	0.82	23	6	3.13
Springfield, St. Elizabeth ..	4.31	1.20	10	7	..
Kempshot ..	3.56	1.08	6	7	5.58
Cambridge, St. James ..	3.40	1.00	13	12	..
Kew Park ..	3.54	1.30	12	11	2.69
New Market, Police Station ..	2.39	0.65	7	8	..
The Bog, New Market ..	5.39	1.35	10	12	..
Bethel Town ..	4.90	1.05	22	12	..
Montpelier ..	..	..	..	..	..
Ramble ..	3.07	1.06	21	10	..
Burnt Ground ..	3.30	1.25	20	8	3.31
Knockalva ..	2.98	0.80	15	10	..
Petersville ..	4.61	2.20	9	10	2.80
Darliston ..	5.97	1.34	22	16	3.32
Bluefields ..	3.00	0.80	22	5	2.53
Whithorn ..	2.23	0.70	22	6	2.78
Water Works Pen	..	..	..	..	..
Askenish ..	5.82	1.90	21	8	..
Grange Hill ..	4.64	1.28	12	12	3.20
King's Vale Police Station ..	2.54	1.24	29	5	3.48

Southern Division.	December 1922. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Morant Point L.H.	3.20	1.00	15	13	6.11
Pleasant Hill ..	4.10	1.30	11	9	..
East Prospect ..	4.63	1.52	11	13	5.09
Morant Bay ..	3.65	1.39	11	12	4.32
Easington ..	1.42	0.45	12	5	3.14
Bull Bay ..	0.00	..	..	..	1.41
Mavis Bank ..	0.00	..	..	..	..
Bellevue ..	0.83	0.15	16	7	2.95
Gordon Town ..	1.90	0.72	30	3	3.34
Irish Town ..	2.10	..	..	..	3.63
Hope Gardens ..	1.67	..	..	..	2.82
King's House Gar.	0.49	..	..	..	2.12
Half-way Tree ..	0.51	0.25	11	4	1.99
Lunatic Asylum	0.13	0.07	23	4	1.56
N.E. Kingston ..	0.14	0.09	11	4	1.43
Kingston P.W.O. ..	0.07	0.05	11	2	1.59
Upper Kingston ..	0.57	0.53	11	4	..
Plumb Point L.H	0.06	0.06	11	1	1.48
Clifton Pen ..	0.12	0.12	12	1	1.45
Hematine ..	1.04	0.93	23	5	..
Quarantine Station	0.00	..	..	0	1.17
Spanish Town ..	1.26	1.17	23	2	1.98
Hog Hole, St. Catherine ..	0.61	0.21	23	4	2.14
Hartlands ..	0.45	0.25	22	2	2.32
Old Harbour ..	1.17	1.00	23	2	2.48
May Pen ..	1.85	0.82	29	7	2.29
Dry River, Vere ..	..	..	..	..	..
Toll Gate ..	2.61	1.73	29	4	2.88
New Yarmouth ..	0.15	0.15	29	1	1.87
Exeter ..	..	..	..	..	..
Milk River ..	..	..	..	..	..
Retrieve ..	2.20	1.35	29	5	..
Hog Hole, S. Man.	..	..	..	..	..
Stone's Hope ..	1.37	0.25	23	8	2.82
Newport, Manchester ..	1.36	0.45	14	7	3.62
Great Valley, Man.	0.71	0.27	22	5	2.68
Alligator Pond ..	0.60	0.20	7	3	2.40
Fairfield ..	1.72	0.73	29	9	3.16
Southfield, St. Elizabeth ..	0.40	0.15	29	3	..
Lititz ..	1.90	0.64	25	7	1.53
Torrington ..	1.95	1.15	29	6	2.66
Bethelemen, St. Eliz	1.71	0.72	29	8	2.77
Santa Cruz ..	1.11	0.53	23	6	2.84
Pedro Plains Police Stn. ..	0.79	0.60	25	3	1.64
Mountainside ..	..	..	..	..	..
Black River ..	2.19	0.98	22	6	2.31
Font Hill ..	3.45	1.00	22	7	2.04
Mount Edgecombe	3.74	1.30	14	14	2.36
Sweet River ..	1.73	0.52	10	6	2.35
Windsor Sav-la-Mar	4.55	1.30	12	9	2.35
Orchard ..	..	..	..	..	..
Sav-la-Mar ..	3.45	0.94	12	9	2.07
Little London ..	4.46	0.82	12	9	..
Retreat ..	2.13	1.63	12	5	2.41
Negril Point L.H.	2.16	0.55	12	12	2.11

NOTES

Comparative Table of Rainfall
(Based upon the "Average" Stations only.)

Divisional and Island Rainfall	December 1922	December Average
	In	In
North-Eastern Division ..	6.49	11.22
Northern " ..	3.45	5.52
West-Central " ..	2.95	3.64
Southern " ..	1.56	2.49
The Island ..	3.61	5.72

Shocks of Earthquake in December, 1922

Date	Standard Time (Approx.)	Intensity.	Notes: where felt, etc
		No	Earthquakes reported

For the Month.

The mean rainfall for the month for the Island was about only two-thirds of the average.

The deficiency was noticeable in all the Divisions. In the North-eastern there was 58 per cent of the average. The West-central had the highest precipation, and was about four-fifths of the average, whereas the Northern and Southern Divs. had barely two-thirds.

Greenvale had the greatest fall for the month, 14.28 ins., followed closely by Lucky Hill 14.12. ins., in the N.E. Division.

No rain fell at Bull Bay, Quarantine Station, and at Mavis Bank, in the Southern Div.

In 24 hours the greatest fall of 4.80 ins., occurred on the 11th at Water Valley in the N.E. Div.

The first half of the month had somewhat the greater part of the falls. Very little was recorded in the N.E. Div., during the latter half of the month. There was a slight preponderance of rain on the 7th, 11th, 22nd, and 29th at some Stations.

For the Year 1922.

The following comparative Table was prepared to shew the Island Monthly rainfalls in all the Divisions, with their corresponding averages. The year commenced in the first three months with falls a little over the averages. Then in the remaining nine months the deficiency was very pronounced, and a severe drought was consequent. The year under review occurs next in the order of deficiency, to the late year of drought (1920), which gave only 51.16 ins. In 1922, as will be seen, the year's fall was 52.38 But so far back as the year 1871 there was a poor record of 50.09 ins., and still less in 1872 of 45.18 ins.

Island Rainfall for 1922.

Month.	N.E.	N.	W.C.	S.	The Island Rainfall.	The Island Average.
	In.	In.	In.	In.	In.	In.
January	7.28	4.49	3.15	1.72	4.16	4.10
February ..	4.74	3.00	5.10	2.20	3.76	3.06
March	5.60	2.52	4.08	2.58	3.70	3.42
April ..	3.53	0.94	2.40	1.40	2.07	5.03
May ..	4.82	4.49	5.74	3.13	4.54	9.12
June ..	3.62	3.48	7.60	2.58	4.32	7.18
July ..	2.17	2.36	5.28	1.92	2.93	4.90
August ..	7.75	5.66	7.68	3.34	6.11	6.93
September ..	5.05	4.64	9.85	3.80	5.83	7.91
October ..	7.76	5.01	9.63	7.50	7.47	10.39
November ..	6.19	2.97	3.65	2.73	3.88	8.70
December ..	6.49	3.45	2.95	1.56	3.61	5.72
Totals. ..	65.00	43.01	67.11	34.46	52.38	76.46

By analyzing the conditions relative to the recent year of drought (1920) the following facts may be of interest.

In 1922 in the N.E. Div. the months of May, June, July, Sept, Oct., and November, were below the falls for the corresponding months of 1920.

In the Northern Div. March, May, June, Oct., and November were also below those of 1920.

For the West-central Div. only four months were less than in 1920, viz., January, May, October and November.

In the Southern Division, the Months of May, June, August, September and November, gave less falls, and was again the most deficient, and represented only 34.46 ins., for the year.

Taking the figures, generally, it will be observed that the May and October rains were somewhat below those of 1920.

The Meteorological results for Kingston, for the Year 1922, are given in the Table, appended.

Corrigendum—W.R. No. 358, Oct., 1922, p. 3, Chudleigh, for 5.92 read 11.32.

J. F. Brennan,
Govt. Meterologist.

Kingston, Jamaica, January 20th, 1923.

Meteorological Results for the Year 1922.
Kingston, Jamaica—Elevation, 24 feet.

Month.	Barometer Pressure.		Temperatures.						Extremes for the Month.			Dewpoint and humidity.				Rain-fall.	Wind Miles per diem
	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.	°	°	°	°	°	°	°	°	°	°	%	°	%		
January ..	29.971	29.916	76.2	68.9	83.7	86.0	68.1	17.9	89.5	64.6	24.9	64.0	84	67.8	59	0.35	161
February ..	29.999	29.941	75.9	68.8	83.1	85.8	67.8	18.0	89.4	65.9	23.5	64.5	86	67.3	59	0.45	196
March ..	30.003	29.948	76.3	69.7	82.8	86.7	67.9	18.8	89.2	65.1	24.1	65.0	85	68.4	62	0.82	198
April ..	30.008*	29.946	78.0	73.0	83.6	87.8	69.6	18.2	91.4	65.1	26.3	66.4	80	69.1	62	0.10	229
May ..	29.929	29.879	80.4	78.5	84.1	88.1	72.9	15.2	91.5	69.7	21.8	69.9	75	73.5	71	0.28	286
June ..	29.956	29.911	80.0	74.9	85.7	88.9	72.5	16.4	91.9	70.1	21.8	68.9	82	70.6	61	0.94	238
July ..	30.005	29.945	81.5	75.1	88.6	90.6	73.6	17.0	93.5	70.6	22.9	69.3	82	72.6	60	0.39	265
August .	29.936	29.881	80.2	74.5	85.7	89.2	73.2	16.0	91.6	70.1	21.5	70.6	87	73.8	68	2.15	179
September .	29.907	29.858	80.5	74.6	85.8	90.5	73.3	17.2	92.7	71.1	21.6	71.0	88	74.1	68	0.71	168
October ..	29.872	29.819	79.6	74.2	85.3	88.5	72.3	16.2	92.1	69.4	22.7	70.9	89	72.7	66	4.15	184
November .	29.919	29.864	78.5	71.6	86.0	88.2	70.4	17.8	92.3	66.2	26.1	67.1	86	70.1	59	0.50	146
December .	29.996	29.935	77.7	69.8	85.8	87.6	70.0	17.6	91.9	65.8	26.1	63.7	81	67.7	55	0.07	167
Means .	29.958	29.904	78.7	72.8	85.0	88.1	70.9	17.2	91.4	67.8	23.6	67.6	84	70.6	62		201.4
Total ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10.91	

*Shewn in W. Report No. 531 as 30.401 ins. in error.

MEAN RESULTS, *continued.*

Month.	Wind from and miles per hour.						Clouds in tenths.						Weather Conditions.
	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 ..	NNE	5.1	SE	13.0	NNE	4.9	0.8	2.0	1.5	3.1	0.8	0.9	Rainfall about one third average. Thunder Storm and distant lightning 21st and 30th. Norther about the 1st.
February ..	NNE	5.0	SE	16.9	NNE	5.3	1.4	3.4	0.2	2.6	0.0	0.7	Rainfall about 75 per cent. of average. "Northers" on 9th, 12th and 14th. Thunderstorm about the 23rd.
March ..	NNE	5.5	SE	16.4	NNE	5.1	1 3	3.4	1.6	4.0	0.7	0 5	Rainfall about 80 per cent. of average High winds. "Norther" on 25th S.E. Squall on 31st.
April ..	NNE	4.4	SE	19.9	NNE	4.7	2 2	3.2	1.1	2.9	0.8	0.3	Rainfall only 8 per cent. of average. High winds. Lunar Halo on the 10th. Solar Halo on 30th.
May .	E	7.2	SE	19.9	SE	38.3	2 0	3.5	1.1	1.2	2.3	1.6	Rainfall very deficient Brisk S.E. winds on several nights. T. Storm and distant lightning on several occasions. Slight Earthquake on 30th.
June .	NE	4.7	SE	19.9	ENE	4.3	0 2	3.0	0.9	1.4	2.7	2.4	Rainfall only 23 per cent. of average. Frequent T. Storm and lightning S.E. Squall on the 12th. Lunar Halos on 4 occasions.
July ..	N	3.7	SE	22.3	ENE	4.0	0 2	1.8	0.4	1.7	2.7	2.0	Rainfall about one quarter of average. High winds. Frequent T. Storm and lightning.
August ..	NNE	3.9	SE	16.2	NE	4.5	0 5	3.9	0 9	0.9	3.2	1.7	Rainfall three-fifths of average. Most of the rains fell during the Squalls from the 17th to the 26th. Frequent T. Storms and lightning.
September ..	NE	3.5	SE	12.7	NbyE	3.8	0 3	4.6	0.7	0.7	4.1	2.3	Rainfall very deficient. Severe lightning and T. Storms on several occasions S.E. Rains squall on 30th. Lunar Halo on 7th and 10th.
October ..	ENE	5.6	SE	13.3	EbyS	6.5	0.7	5.1	0.6	0.6	2.5	0.4	Rainfall about half average. Most of the rains fell during a slight Barometric depression from the 9th to the 16th. Gusty Squalls on many days.
November ..	NNE	4.7	ESE	9.0	N	4.4	0.7	4.0	1.3	1.8	2.3	1.1	Rainfall very deficient. T. Storms on 1st, 12th and 13th. Fresh "Northers" of short duration on 4 days.
December ..	NNE	4.6	SE	12.8	N	4.8	2.0	1.0	1.4	3.1	2.7	1.7	Rainfall only 5 per cent. of the average. Distant lightning on the 16th.
Means ..	NEbN	4.8	SE	16.0	NE	5.0	1.0	3.2	1.0	2.0	2.1	1.3	Total Rainfall for the year, 0.91 inches or less than one third the average. The total number of rainy days was 59. The mean Temperature was just about the average. Highest maximum temperature 93.5° on 12th July. Lowest minimum temperature 64°.6 on January 3.