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JAMAICA

WEATHER REPORT

FOR THE MONTH OF

JANUARY, 1904.

METEOROLOGICAL RESULTS.

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 pressure at the Hill Gardens is reduced to the first three standards only. The 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, cirrus, or cirro-stratus.

Station.	Elevation.	Bar. Pressure.		Temperature.					Extreme Temperature.				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range
	ft.	in.	in.	°	°	°	°	°	°		°		
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	...	...
Negril Point Light House	33	29.987	29.927	71.5	81.9	84.9	69.1	15.8	87.8	22	63.8	7	24.0
Castleton Gardens .	496	...	...	64.6	77.8	81.6	64.7	16.9	84.0	21	59.0	7	25.0
Hope Gardens .	680	...	...	65.3	80.1	85.1	63.8	21.3	87.0	5*	60.0	8	27.0
Stony Hill Reformatory .	1,400	...	...	68.1	77.4	83.9	64.1	19.8	86.0	1*	62.0	10*	24.0
Kempshot .	1,773	...	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	25.186	25.173	60.5	64.9	67.8	54.3	13.5	71	11	53	20*	18.0

Station.	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.	miles		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Negril Point Light House	33	66.1	83	68.9	65	1.42	251	Var.	6.9	Var.	10.2	0.4	1.1	2.4	0.4	2.0	2.1
Castleton Gardens .	496	62.7	93	70.1	79	12.40	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	680	60.7	83	66.4	62	1.89	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	65.5	91	68.9	75	6.95	...	...	...	...	...	...	...	...	...	...	...
Kempshot .	1,773	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	57.1	89	60.8	86	6.28	...	...	...	...	...	...	...	...	...	...	...

* And on other days.

National Oceanic and Atmospheric Administration

Climate Database Modernization Program

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Beltsville, MD 20704-1387
March 28, 2002

RAINFALL FOR JANUARY, 1904.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the date of this report; the last column contains the corresponding Rainfall average for the month, according to tables recently prepared. In obtaining the mean Rainfall for the month from the numbers in the column for the total fall, only those Stations are considered for which the average Rainfall has been also given in the last column, so that the results of these two columns are directly comparable for each Division. These results are reproduced 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. Their relative areas are as follows:-

North Eastern Division	25
Northern and Central	22
West Central	26
Southern	27
	100

North-Eastern Division.	January, 1904. 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.
Hordley	6.21	1.25	13	16	5.85
Manchioneal	...	...	...	...	...
Fair Prospect	...	...	...	...	...
Bath	...	...	...	...	...
Moore Town	14.69	3.00	23	12	18.68
Port Antonio	2.70	0.85	18	8	8.56
Fellowship	7.79	1.40	11	19	12.43
Johnson River Bridge	...	...	...	...	
Shrewsbury	9.89	2.10	15	19	17.12
Cedar Valley, St. Thos		...	...	..	
Hill Gardens	6.28	3.05	18	12	7.[illegible]0
Buff Bay	4.64	0.80	22	11	8.74
Bybrook	8.12	2.54	20	8	...
Greenvale	...	...	...	..	...
Mt. Holstein	19.28	8.16	20	19	...
Hardware Gap	8.01	...		...	5.21
Irish Town	3.84	1.10	2	8	...
Annotto Bay	2.89	1.34	16	8	6.12
Stony Hill Reft.	6.95	2.60	17	7	3.46
Castleton Gardens	12.40	3.70	15	10	9.34
Lawrence Tavern	4.56	1.60	2	6	1.83
Quebec	3.36	0.86	15	10	6.36
Water Valley	3.60	1.40	16	9	6.65
Richmond, St. Mary	3.68	1.22	20	12	5.48
Kendal, St. Mary	4.68	2.00	16	4	4.93
Gayle, P.W.D.	2.45	0.70	15	11	4.48
Rio Hoe	5.84	1.96	19	10	5.23
Unity Valley	4.97	1.45	19	11	4.63
Moneague	5.64	1.00	19	11	3.86
Claremont	5.90	1.85	19	4	6.54
Albion	4.27	2.07	19	7	5.[illegible]0
Averham Park	6.55	2.42	19	13	6.31
Ballintoy	3.16	1.31	19	8	2.45
Means	5.88	...	...	...	6.93

Northern Division.	January, 1904. 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	2.83	0.90	14	13	6.28
Ocho Rios	1.42	0.69	19	6	3.92
Drax Hall	2.72	1.10	17	6	4.58
St. Ann's Bay	1.52	0.55	19	10	4.34
Richmond Estate	...	..	...	...	...
Llandovery	...	...	...	...	...
Southfield	2.49	1.74	16	11	...
Brown's Town	7.39	3.00	19	11	4.71
Hyde Park	1.10	0.60	18	3	1.60
Dry Harbour	2.51	1.70	17	5	2.97
Chewmagna	3.98	1.23	2	7	2.09
Home Castle	4.61	1.70	17	5	5.02
Richmond Pen	3.88	1.40	19	9	3.12
Mahogany Hall	4.67	1.88	19	7	4.30
Brampton Bryan	3.14	1.27	17	6	3.93
Bryan Castle	2.44	1.00	19	4	4.43
Braco	1.96	0.61	16	6	3.98
Arcadia	2.93	1.25	16	7	4.28
Harmony Hall	1.30	0.45	17	4	3.87
Lancaster	2.32	0.53	17	6	4.44
Vale Royal	4.00	1.28	16	7	4.82
Colchis Pen	4.25	1.50	19	6	2.61
Hyde	2.57	0.70	16	7	4.45
Georgia	2.92	1.05	17	6	3.86
Long Pond	2.39	0.[illegible]8	16	5	5.13
Steelfield	2.48	0.90	16	6	4.32
Oxford	1.65	0.80	16	3	3.73
Cambridge	2.47	1.25	16	4	4.31
Lottery	1.60	0.90	16	3	3.59
Falmouth P.W.D.	1.02	0.79	17	4	3.38
Holland Pen	1.13	0.42	16	4	2.58
Golden Grove, Trel.	...	...	...	...	...
Tilston	6.50	...	...	...	3.18
Orange Valley	...	...	...	...	...
Kent	...	...	...	...	...
Dundee	...	...	...	...	...
Phœnix	3.29	1.40	16	7	2.99
Gales Valley	...	...	...	...	...
Canaan	2.93	2.00	16	8	2.26
Lima	1.00	0.30	16	4	2.11
Content	0.95	0.25	1	5	4.22
Moor Park	2.32	1.25	2	10	...
Success	0.50	0.50	20	1	3.78
Cinnamon Hill	1.18	0.30	20	5	3.42
Rose Hall	.80	0.30	20	3	3.36
Running Gut	1.37	0.30	20	5	3.34
Spring	...	...	...	...	...
Ironshore	1.68	0.80	20	5	3.33
Montego Bay	1.42	0.35	16	10	2.77
Fairfield, St. James	1.40	0.50	2	5	3.05
Anchovy	...	...	...	...	...
Round Hill	1.90	1.25	30	5	2.31
Tryall	...	...	...	...	...
Sandy Bay	5.79	4.00	2	7	3.52
Lucea	5.17	1.49	28	11	2.84

Central Sub-Division	January, 1904. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Headworks, Rio Cobre	2.28	1.00	26	9	1.82
Linstead	2.12	1.00	28	6	1.95
Berkshire Hall	1.97	0.60	2	8	...
Point Hill	3.10	1.10	19	8	1.83
Carew Castle	4.25	0.82	19	10	..
Worthy Park	1.65	0.75	16	5	1.91
Good Hope	1.30	0.60	27	3	.
Chapelton	...	...	.	...	...
Lower Chapelton	1.54	0.38	29	6	1.79
Savoy House	2.05	0.53	27	10	...
Mears	...	...	...	...	...
Cave Valley	3.92	1.00	16	8	2.31
Means	2.60	...	...	...	3.44
West Central Division.					
Mocho	..	...	...	...	...
Baillieston	1.73	0.79	27	4	2.03
Farm Plantation	2.34	0.80	26	8	2.93
Brokenhurst	...	...	..	...	...
Christiana	0.74	0.25	4	4	2.19
Kendal, Manchester	1.40	0.80	30	2	2.20
Mandeville P.W.D	0.87	0.52	17	8	2.46
Carlton, Mandeville	1.23	0.75	17	6	3.12
Fairfield, Manchester	1.89	1.01	3	6	3.17
Fair View	0.89	0.22	2	6	
Ulster Spring	8.20	2.04	16	7	2.73
Low River	...		...	...	...
Troy	...	...	...	...	...
Fontabelle, Trelawny	...	..	...	...	...
Windsor Pen, Trel.	3.87	0.66	2	10	2.84
Balaclava	2.85	0.80	26	7	1.76
Elim	4.42	1.72	28	7	2.37
Appleton	7.50	2.70	1	5	2.43
Maggotty	5.71	2.22	27	9	2.68
Spring Vale, St. James	...	...	...	...	...
Maroon Town, St. Jas.	...	...	...	...	...
Kempshot	3.64	1.39	16	11	4.08
Kepp	...	...	...	...	...
Kew Park	2.00	1.40	27	7	2.24
Hazelymph	3.18	1.37	17	7	2.11
King Gate	1.31	0.59	16	3	3.02
Darliston	3.66	1.16	27	10	2.85
Whithorn	2.41	0.75	25	7	2.02
Lethe Bridge	...	...	..	...	...
Copse	...	...	...	...	...
Cacoon Castle	...	...	...	...	...
Great Valley	...	.	...	...	...
Brownsville	7.19	1.56	30	6	4.05
Fontabelle	2.93	1.13	2	9	1.94
Morgan's Bridge	1.60	0.40	25	9	1.83
King's Valley	0.64	0.17	17	6	2.56
King's Vale Police St.	0.84	0.39	31	4	3.17
Means	3.01	...	...	...	2.66

Southern Division.	January, 1904. 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.	4.94	1.70	1	16	4.08 ✓
Morant Bay	...	...	...	...	...
Easington	...	...	...	...	...
Bull Bay	...	...	...	...	...
Gordon Town	2.52	0.75	17	9	2.09
Hope Gardens	1.89	0.49	16	8	1.68 ✓
Halfway Tree	1.43	0.51	18	7	0.89
Lunatic Asylum	0.04	0.02	15	3	0.72
Kingston Gardens	...	...	...	...	...
Public Works Office	0.17	0.05	14	4	1.07 ✓
Plumb Point L. H.	0.01	0.01	28	1	0.83
Port Royal N. Hospital	0.40	0.20	16	4	1.17
Spanish Town	1.15	0.62	26	5	1.46
Hog Hole Pen	0.92	0.60	26	2	1.47
Browns Hall	1.44	0.60	16	5	1.71
Old Harbour	2.35	1.40	16	3	2.02
May Pen	0.23	0.15	2	2	1.29
Denbigh	...	...	...	...	...
Parnassus Est.	...	...	...	...	...
Amity Hall	...	...	...	...	...
New Yarmouth	0.10	0.10	22	1	1.11
Rest	...	...	...	...	...
Victoria Town	1.74	0.86	16	4	1.83
Stone's Hope	2.50	1.79	2	6	2.40
Newport, Manchester.	1.91	1.08	2	5	2.49
Alligator Pond	3.17	1.92	16	4	1.46
Potsdam	2.12	0.68	17	7	2.32
Long Hill	4.00	1.87	3	6	2.28
Pepper	4.65	2.25	17	6	2.00
Torrington	...	...	...	...	..
Bethlehem, St. Eliz.	3.24	1.03	3	8	2.58
Santa Cruz	2.82	0.84	26	8	3.05
Pedro Plains	1.62	0.76	16	5	...
Black River	2.56	0.78	26	6	1.58
Spring Hill	3.79	1.46	26	7	...
Font Hill	4.07	2.15	26	5	1.93
Peter's Ville	4 09	1.10	2	11	2.12
Salem	.	...	...	...	...
Mount Edgecombe	3.49	1 73	2	9	2.05
Bluefields	9.92	2.52	15	8	...
Sweet River	2.88	1.34	2	7	1.97
Cornwall	...	...	...	...	...
Windsor, Sav.-la.-Mar	2.51	1.89	2	4	1.85
Sav.-la-Mar P.W.D.	2.40	1.41	2	6	1.67
Retreat	2.28	1.70	2	5	1.58
Spring Valley	1.42	0.50	31	6	...
Negril Point L. H.	1.42	1.06	25	5	1.29 ✓
Means	2.17	...	...	...	1.81

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	January.	
	1904.	Average.
	In.	In.
North Eastern Division .	5.88	6.93
Northern .	2.60	3.44
West Central .	3.01	2.66
Southern .	2 17	1.81
Means .	3.42	3.71

The Rainfall for January was therefore below the average for the whole Island. The greatest fall 19.28in. occurred at Mt. Holstein in the North-Eastern Division; while 0.01in. fell at Plumb Pt. L. H., in the Southern Division.

December 1903.

Weather Report No. 299. Returns sent up too late for publication in that Report.	Total fall.	Greatest fall in 24 hours		Days on which 0.1 or more fell.
		Amount.	Date.	
	In.	In.		In.
Manchioneal .	6.93	1.24	17	9
Port Antonio .	12.24	3 10	24	14
Fellowship .	19.94	4.50	24	26
Greenvale .	15.70	5.40	23	9
Mt. Holstein .	18.49	5.02	13	...
Giles Valley .	4.40	2.20	17	4
Long Pond .	3.67	0.65	17	10
Content .	4.35	0.95	15	10
Worthy Park .	1.80	0.75	24	3

H. H. Cousins.

Weather Office, Government Laboratory, Kingston.

No. 301.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

FEBRUARY, 1904.

METEOROLOGICAL RESULTS.

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 pressure at the Hill Gardens is reduced to the first three standards only. The Thermometers are exposed in Stevenson's Screens; their readings have been corrected for instrumental errors.

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STATION.	Elevation.	Bar. Pressure.		Temperature.					Extreme Temperature.				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range
	ft.	in.	in.	°	°	°	°	°	°		°		
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	...	...
Negril Point Light House	33	30.001	29.945	71.5	80.5	84.3	68 1	16.2	88.5	19	64.3	28	24.2
Castleton Gardens .	496	..	...	65.4	79.2	81.8	65.1	16.7	85.0	20 21	60.0	11*	25.0
Hope Gardens .	680	...	...	66.4	80.3	85.0	63.7	21.3	92.0	29	67	2, 3	25.0
Stony Hill Reformatory .	1,400	...	...	68.8	78.8	84.6	64.1	20.5	87.0	6	63.0	11*	24.0
Kempshot .	1,773	...	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	25.199	25.187	58.3	63.9	67.6	54.5	13.1	71	20	53.0	12*	18

STATION.	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.	miles		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Negril Point Light House	33	66.7	85	70.4	72	4.50	233	Var.	6.8	Var.	8.9	0.6	1.9	1.0	0.9	4.0	0.7
Castleton Gardens .	496	64.6	96	54.3	42	8.91	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	680	61.8	84	65.3	60	1.50	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	66.3	91	68.4	71	2.85	...	...	...	...	...	...	...	...	...	...	...
Kempshot .	1,773	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	54.3	86	59.1	86	6.78	...	...	...	...	...	...	...	...	...	...	...

* And on other days.

RAINFALL FOR FEBRUARY, 1904.

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North Eastern Division - -	25
Northern and Central - -	22
West Central - -	26
Southern - - -	27
	100

NORTH-EASTERN DIVISION.	FEBRUARY, 1904. 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.
Hordley	9.29	2.27	15	18	4.78
Manchioneal	...	...	...	...	...
Fair Prospect	...	..	.	..	...
Bath	5.32	0.90	29	17	5.14
Moore Town	30.91	11.05	14	20	14.91
Port Antonio	...	...			...
Fellowship	...	...	...	...	..
Johnson River Bridge	3.47	1.05	29	15	2.39
Shrewsbury	...	...	...	..	
Cedar Valley, St. Thos	1.73	0.40	29	8	3.08
Hill Gardens	6.78	3.15	1	19	4.19
Buff Bay	...	...	...	...	.
Bybrook	...	...		...	...
Greenvale	...	...	...	...	...
Mt. Holstein	...	...	...	...	...
Hardware Gap	3.50	...		...	3.69
Irish Town	1.78	0.80	29	6	...
Annotto Bay	...	...	..	...	...
Stony Hill Reft.	2.86	0.80	15	7	2.15
Castleton Gardens	8.91	5.20	3	11	4.73
Lawrence Tavern	2.58	1.00	2	6	2.30
Quebec	2.58	3.49	15	15	5.52
Water Valley	3.04	2.95	15	15	7.03
Richmond, St. Mary	8.62	3.64	1	16	5.02
Kendal, St. Mary	...	.	...	...	...
Gayle, P.W.D.	9.95	2.00	14	22	5.96
Rio Hoe	7.89	3.53	1	17	3.84
Unity Valley	9.71	3.55	1	18	3.32
Moneague	8.42	3.50	2	18	3.82
Claremont	7.15	2.67	1	7	4.83
Albion	8.63	2.50	1	17	3.51
Avernam Park	7.59	2.62	1	16	4.41
Ballintoy	...	...	...	...	...
Means	8.45	...	...	...	4.73

NORTHERN DIVISION.	FEBRUARY, 1904. 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	2.62	3.62	15	25	5.66
Ocho Rios	7.79	1.07	2	18	4.40
Drax Hall	9.05	1.43	15	16	4.31
St. Ann's Bay	5.01	1.15	18	13	4.93
Richmond Estate	8.56	2.05	18	18	4 42
Llandovery	6.39	1.43	26	10	4.27
Southfield	9.02	2.09	26	16	...
Brown's Town	9.55	4.12	1	18	4.85
Hyde Park	1.80	1.00	1	3	2.16
Dry Harbour	5.85	1.80	19	9	3.06
Chewmagna	2.43	0.95	1	10	3.41
Home Castle	6.33	1.60	2	12	3.13
Richmond Pen	2.12	0.80	2	8	2.01
Mahogany Hall	6.24	4.06	1	10	2.72
Brampton Bryan	3.56	1.20	2	8	1.73
Bryan Castle	4.42	1.08	2	9	2.17
Braco	4.87	1.25	26	8	2.16
Arcadia	3.63	1.40	2	11	2.31
Harmony Hall	3.81	1.15	26	8	2.21
Lancaster	4.12	1.12	25	10	2.40
Vale Royal	3 54	0.73	1	9	2.61
Colchis Pen	1.60	0.90	1	3	1.37
Hyde	3.70	1.50	1	9	2.32
Georgia	3.37	0.96	13	8	2.49
Long Pond	3.69	1.55	2	8	2.24
Steelfield	3.90	1.40	3	8	2.24
Oxford	2.88	0.90	2	7	2.09
Cambridge	3.84	1.90	2	6	2.31
Lottery	3.05	1.05	2	9	1.94
Falmouth P.W.D.	2.17	0.51	19	12	1.69
Holland Pen	3.39	0.76	1	10	2.02
Golden Grove, Trel.	...	...	...	...	...
Tilston	...	...	...	...	...
Orange Valley	...	...	...	...	...
Kent	...	...	...	...	...
Dundee	...	...	...	...	...
Phœnix	3.71	1.00	1	8	2.36
Gales Valley	...	...	...	...	...
Canaan	...	...	...	...	...
Lima	...	...	...	...	...
Content	3.70	1.50	18	9	2.16
Moor Park	4.29	1.35	18	12	...
Success	...	..	...	...	...
Cinnamon Hill	...	...	..	...	...
Rose Hall	...	...	...	...	...
Running Gut	...	...	.	...	...
Spring	...	...	...	...	...
Ironshore	3.02	0.90	18	8	2.33
Montego Bay	2.14	0.52	18	10	1.96
Fairfield, St. James	...	..	...	...	...
Anchovy	...	...	...	...	...
Round Hill	...	...	...	...	...
Tryall	...	...	...	...	...
Sandy Bay	1.76	0.56	28	6	2.12
Lucea	2.62	0.62	18	9	1.97

Central Sub-Division	February, 1904. 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.
Headworks, Rio Cobre	...	...	...	...	...
Linstead	1.77	0.87	1	12	1.93
Berkshire Hall	4.68	1.75	1	12	...
Point Hill	4.95	1.20	10	10	2.53
Carew Castle	1.40	0.29	5	8	...
Worthy Park	2.05	0.59	10	6	1.89
Good Hope	...	...	...	...	...
Chapelton	2.19	0.56	17	8	1.77
Lower Chapelton	1.97	0.62	15	6	1.57
Savoy House	2.34	1.16	15	7	...
Mears	2.59	0.70	10	10	...
Cave Valley	2.76	0.90	1	5	2.17
Means	4.19	...	...	...	2.63
West Central Division.					
Mocho	...	...	...	...	...
Baillieston	1.67	0.91	15	15	2.11
Farm Plantation	0.61	0.30	6	4	2.20
Brokenhurst	...	...	...	...	...
Christiana	1.18	0.55	15	7	2.26
Kendal, Manchester	1.29	0.90	29	4	1.43
Mandeville P.W.D	2.04	0.95	1	13	2.38
Carlton, Mandeville	...	...	...	...	...
Fairfield, Manchester	1.39	0.88	15	5	1.08
Fair View	...	...	...	...	...
Ulster Spring	1.40	0.62	15	7	2.15
Low River	1.61	0.36	1	5	...
Troy	3.12	1.04	11	6	2.56
Fontabelle, Trelawny	...	...	...	...	...
Windsor Pen, Trel.	2.54	1.08	1	10	2.17
Balaclava	...		...	...	...
Elim	2.23	0.61	11	8	2.49
Appleton	3.05	1.15	9	6	2.64
Maggotty	...	...	...	...	...
Spring Vale, St. James	...	...	...	...	...
Maroon Town, St. Jas.	...	...	...	...	...
Kempshot	2.98	1.16	21	14	3.31
Kepp	...	...	...	...	...
Kew Park	3.12	0.97	18	11	2.41
Hazelymph	2.22	0.52	18	6	1.99
King Gate	2.95	1.35	24	7	2.77
Darliston	4.11	1.54	10	12	2.93
Whithorn	4.25	1.73	10	10	2.49
Lethe Bridge	...	...	...	...	...
Copse	...	...	...	...	...
Cacoon Castle	...	...	...	...	...
Great Valley	...	...	...	...	...
Brownsville	3.29	1.00	18	7	3.64
Fontabelle	*7.82	1.80	10	12	2.99
Morgan's Bridge	6.21	1.29	16	14	2.67
King's Valley	7.32	2.35	8	10	2.53
King's Vale Police St.	2.22	0.62	1	6	...
Means	3.13	...	...	...	2.44

Southern Division.	February, 1904. 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.	5.09	1.57	16	17	2.69
Morant Bay	4.03	0.64	28	12	2.02
Easington	0.95	0.21	21	10	1.41
Bull Bay	0.30	0.20	29	2	0.53
Gordon Town	2.38	1.00	14	6	1.40
Hope Gardens	1.50	0.49	15	6	1.16
Halfway Tree	0.97	0.30	15	7	1.01
Lunatic Asylum	0.45	0.19	27	7	0.41
Kingston Gardens	...	...	...	...	...
Public Works Office	0.55	0.22	25	5	0.71
Plumb Point L. H.	0.24	0.19	11	5	0.77
Port Royal N. Hospital	0.30	0.15	15	5	1.81
Spanish Town	2.18	0.68	15	5	1.32
Hog Hole Pen	3.14	2.12	15	4	1.62
Browns Hall	...	...	...	...	...
Old Harbour	2.05	0.50	12	5	1.79
May Pen	3.64	0.78	3.26	8	1.55
Denbigh	...	...	...	...	...
Parnassus Est.	...	...	...	...	...
Amity Hall	...	...	...	...	...
New Yarmouth	1.27	0.57	1	4	0.75
Rest	...	...	...	...	...
Victoria Town	2.45	0.78	1	4	1.66
Stone's Hope	1.63	0.45	29	7	1.94
Newport, Manchester	2.39	1.26	28	6	2.52
Alligator Pond	1.54	0.62	29	4	0.93
Potsdam	1.44	0.65	1	7	1.63
Long Hill	1.13	0.30	28	9	1.87
Pepper	0.75	0.40	1	3	1.78
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	2.92	1.20	15	9	1.49
Santa Cruz	...	...	...	...	...
Pedro Plains	...	...	...	...	...
Black River	...	...	...	...	...
Spring Hill	4.66	0.83	15	11	...
Font Hill	4.93	1.35	18	9	1.16
Peter's Ville	9.07	1.46	2	13	2.41
Salem	...	...	...	...	...
Mount Edgecombe	†9.29	1.45	2	19	2.33
Bluefields	...	...	...	...	...
Sweet River	4.93	0.70	2.11	14	2.29
Cornwall	...	...	...	...	...
Windsor, Sav.-la.-Mar	4.43	1.60	2	12	2.30
Sav.-la-Mar P.W.D.	2.95	1.01	2	12	1.98
Retreat	8.14	2.07	16	11	2.21
Spring Valley	...	...	...	...	...
Negril Point L. H.	4.50	2.44	10	9	1.53
Means	2.86	...	...	...	1.59

* Heaviest fall in February for 25 years. (W. A. S. V.)

† This is the greatest fall in February since I have kept a rain gauge from January, 1880, the highest previous fall being in February, 1884 with 5.58 ins. (C. B. V.)

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	February.	
	1904.	Average.
	In.	In.
North Eastern Division	8.45	4.73
Northern	4.19	2.63
West Central	3.13	2.44
Southern	2 86	1.59
Means	4.66	2.85

The Rainfall for February was therefore very much above the average for the whole Island. The greatest fall 30.91in. was recorded at Moore Town in the North-Eastern Division; while 0.24in. was recorded at Plumb Pt. L.H., in the Southern Division.

January 1904.

Weather Report No. 300. Returns sent up too late for publication in that Report.	Totalf all.	Greatest fall. in 24 hours		Days on which 00.1 or more fell.
		Amount.	Date.	
	In.	In.		In.
Richmond	1.22	0.52	19	19
Low River	1.76	0 80	1	8
Troy	3.55	1.40	28	9

No reports have been received from several stations for the last two or three months. The editor requests that all correspondents who have no rainfall post cards to send for some so that a complete return can be obtained. Returns should be sent in by the 8th of the month.

H. H. Cousins.

Weather Office, Government Laboratory,
Kingston.

No. 302.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

MARCH, 1904.

METEOROLOGICAL RESULTS.

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 pressure at the Hill Gardens is reduced to the first three standards only. The 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, cirrus, or cirro-stratus.

STATION.	Elevation.	Bar. Pressure.		Temperature.					Extreme Temperature.				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range
	ft.	in.	in.	°	°	°	°	°	°		°		
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	...	...
Negril Point Light House	33	29.951	29.901	71.3	79.9	83.5	67 1	16.4	87.3	17	64.1	9	23.2
Castleton Gardens .	496	.	...	64.1	79.0	82.7	63.5	19.2	85	15	58	12, 13	27
Hope Gardens .	680	29.855	29.840	68.1	78.0	83.4	63.9	19.5	86	17	60	10. 14	26
Stony Hill Reformatory .	1,400	...	...	68.3	74.8	84.2	63.5	20.7	87	20	61	10	26
Hill Gardens .	4,907	25.193	25.187	57.1	61.9	65.8	53.2	12.6	69	15	50	*9	19

STATION.	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.	miles		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Negril Point Light House	33	67.5	88	69.5	71	2.59	196	Var.	3.9	Var.	7.0	0.0	0.3	0.7	0.5	5.3	0.4
Castleton Gardens .	496	62.9	93	75.1	89	4.42	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	680	60.7	75	67.1	68	7.51	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	66.0	92	68.1	79	7.22	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	58.6	86	59.1	93	6.36	...	...	...	...	...	...	...	...	...	...	...

* And on other days.

RAINFALL FOR MARCH, 1904.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the date of this report; the last column contains the corresponding Rainfall average for the month, according to tables recently prepared. In obtaining the mean Rainfall for the month from the numbers in the column for the total fall, only those Stations are considered for which the average Rainfall has been also given in the last column, so that the results of these two columns are directly comparable for each Division. These results are reproduced in the Com- [illegible] 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. Their relative areas are as follows:—

North Eastern Division	25
Northern and Central	22
West Central	26
Southern	27
	100

North-Eastern Division.	March, 1904. 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.
Hordley	7.06	1.45	3	17	3.91
Manchioneal	...	...	...	...	...
Fair Prospect	...	...	...	...	...
Bath	8.70	1.20	10	14	4.01
Moore Town	17.13	2.80	3	17	10.58
Port Antonio	...	...	...	...	...
Fellowship	...	...	...	...	...
Johnson River Bridge	5.13	1.62	3	13	2.37
Shrewsbury	4.19	1.20	11	11	2.53
Cedar Valley, St. Thos	...	...	...	...	...
Hill Gardens	6.36	1.04	10	22	5.23
Buff Bay	...	...	...	...	...
Bybrook	...	...	...	...	...
Greenvale	...	...	...	...	...
Mt. Holstein	13.26	...	...	...	4.56
Hardware Gap	6.66	1.27	29	11	...
Irish Town	...	...	...	...	...
Annotto Bay	2.39	0.79	1	9	2.76
Stony Hill Reft.	7.22	1.4[illegible]	18	18	2.91
Castleton Gardens	5.56	1.12	22	12	2.17
Lawrence Tavern	...	...	...	...	...
Quebec	2.59	0.70	24	7	2.99
Water Valley	4.14	1.60	11	8	4.10
Richmond, St. Mary	2.01	1.05	16	8	3.02
Kendal, St. Mary	...	...	...	...	...
Gayle, P.W.D.	3.52	0.90	17	14	3.43
Rio Hoe	5.87	1.51	27	10	3.67
Unity Valley	5.52	2.36	7	11	3.74
Moneague	4.81	1.24	7	11	2.92
Claremont	4.20	1.40	27	6	3.27
Alton	6.68	1.74	11	10	3.65
Avenham Park	5.52	1.46	31	16	3.65
Ballintoy	5.52	0.81	28	11	3.10
Means	6.07	...	...	...	3.74

Northern Division.	March, 1904. 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	2.99	0.70	24	13	2.82
Ocho Rios	2.18	0.50	31	8	2.06
Drax Hall	2.48	0.50	16	10	3.02
St. Ann's Bay	1.23	0.21	7	12	2.02
Richmond Estate	3.99	1.53	8	11	2.54
Llandovery	2.92	0.71	8	11	2.72
Southfield	2.36	0.72	11	10	3.77
Brown's Town	3.00	1.23	27	8	3.00
Hyde Park	11.45	2.50	30	8	3.62
Dry Harbour	1.00	0.20	16	5	1.47
Chewmagna	7.38	1.62	26	13	2.94
Home Castle	0.60	0.35	31	3	2.56
Richmond Pen	3.37	0.75	4	9	2.22
Mahogany Hall	[illegible].28	0.25	26	2	2.24
Brampton Bryan	0.91	0.38	31	5	1.88
Bryan Castle	0.83	0.41	16	4	1.86
Braco	0.73	0.36	31	4	1.62
Arcadia	0.67	0.42	16	4	1.83
Harmony Hall	1.43	0.48	31	4	1.72
Lancaster	1.83	0.62	31	3	1.97
Vale Royal	1.08	0.45	31	4	2.22
Colchis Pen	1.35	0.40	31	5	1.71
Hyde	1.29	0.45	11	6	2.67
Georgia	0.76	0.36	16	3	1.98
Long Pond	...	...	...	...	...
Steelfield	0.85	0.45	16	3	2.10
Oxford	0.78	0.78	31	1	1.81
Cambridge	0.45	0.25	31	2	2.12
Lottery	0.27	0.15	16	2	1.91
Falmouth P.W.D.	0.98	0.33	31	6	1.76
Holland Pen	0.81	0.32	7	3	1.50
Golden Grove, Trel.	...	...	...	...	...
Tilston	...	...	...	...	...
Orange Valley	...	...	...	...	...
Kent	...	...	...	...	...
Dundee	...	...	...	...	...
Phœnix	1.37	0.50	29	7	2.30
Gales Valley	...	...	...	...	...
Canaan	0.71	0.54	31	3	1.92
Lima	0.65	0.55	31	2	1.40
Content	...	...	...	...	...
Moor Park	0.97	0.35	31	6	...
Success	0.80	0.50	16	4	1.83
Cinnamon Hill	1.05	0.42	14	3	1.59
Rose Hall	0.85	0.45	3	4	1.38
Running Gut	0.69	0.27	3	3	1.42
Spring	...	...	...	...	...
Ironshore	0.35	0.20	5	3	1.43
Montego Bay	1.14	0.49	27	5	1.50
Fairfield, St. James	2.80	2.00	27	2	1.63
Anchovy	...	...	...	...	...
Round Hill	0.50	0.30	26	2	1.55
Tryall	...	...	...	...	...
Sandy Bay	0.65	0.65	27	1	2.00
Lucea	...	..	...	...	...

Central Sub-Division	March, 1904. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Headworks, Rio Cobre	5.87	1.15	28	20	2.77
Linstead	13.85	1.64	4	17	2.90
Berkshire Hall	3.72	0.70	17	9	...
Point Hill	18.07	3.50	29	19	4.90
Carew Castle	10.35	1.22	22	20	...
Worthy Park	8.66	2.06	28	13	2.84
Good Hope	...	...	..	...	...
Chapelton	10.91	1.90	10	19	2.70
Lower Chapelton	15.87	2.87	10	19	3.35
Savoy House	14.57	2.42	29	23	...
Mears	17. 8	2.60	29	22	...
Cave Valley	10.91	2.20	7	12	2.88
Means	3.18	...	...	...	2.24
West Central Division.					
Mocho	..	...	...	...	...
Baillieston	19.62	4.70	18	19	4.85
Farm Plantation	7.34	1.02	5	15	3.16
Brokenhurst	7.08	1.40	5	17	2.90
Christiana	15.88	2.35	18	16	4.50
Kendal, Manchester	10.62	1.40	28	11	3.85
Mandeville P.W.D	11.53	2.34	28	21	4.60
Carlton, Mandeville	11.21	1.98	28	18	4.25
Fairfield, Manchester	...	...	...	...	...
Fair View	...	...	...	...	
Ulster Spring	6.76	1.28	28	11	3.27
Low River	12.69	1.82	8	17	...
Troy	29.01	3.00	29	22	6.58
Fontabelle, Trelawny	...	...	...	...	...
Windsor Pen, Trel.	5.77	3.20	26	10	2.76
Balaclava	...		...	...	...
Elim	15.36	3.72	27	17	3.72
Appleton	23.31	3.00	27	20	5.35
Maggotty	...	...	...	...	...
Spring Vale, St. James	...	...	...	...	...
Maroon Town, St. Jas.	...	...	...	...	...
Kempshot	2.26	1.04	27	11	2.70
Kepp	...	...	...	...	..
Kew Park	10.29	1.64	24	16	4.08
Hazelymph	9.07	1.77	25	12	3.64
King Gate	1.33	0.87	18	3	3.23
Darliston	13.09	2.90	26	18	6.68
Whithorn	9.51	1.74	26	16	5.51
Lethe Bridge	...	...	..	...	...
Copse	...				
Cacoon Castle	...	...	...	...	...
Great Valley	...	..	...	...	..
Brownsville	10.82	3.05	27	11	4.26
Fontabelle	7.23	2.32	26	16	3.76
Morgan's Bridge	9.72	1.73	25	18	4.88
King's Valley	13.25	2.29	26	18	4.01
King's Vale Police St.	9.52	4.12	27	11	...
Means	11.37	...	...	...	4.21

Southern Division.	March, 1904.* 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.	5.42	1.12	28	17	1.92
Morant Bay	5.36	1.30	23	10	1.53
Easington	2.31	1.12	6	11	1.28
Bull Bay	...	...	...	...	...
Gordon Town	3.70	0.57	3	15	1.25
Hope Gardens	7.51	1.60	3	21	1.90
Halfway Tree	5.09	1.58	11	17	1.14
Lunatic Asylum	1.62	0.85	2	5	0.85
Kingston Gardens	...	...	...	...	...
Public Works Office	0.64	0.21	17	7	1. 1
Plumb Point L. H.	0.24	0.12	8	4	0.89
Port Royal N. Hospital	0.22	0.20	2	3	0.30
Spanish Town	2.23	1.59	8	10	2.19
Hog Hole Pen	2.53	1.70	11	6	2.19
Browns Hall	...	...	...	...	...
Old Harbour	4.77	2.02	11	7	2.04
May Pen	8.84	1.75	9	21	1.91
Denbigh	12.50	3.00	29	14	2.18
Parnassus Est.	...	...	...	...	...
Amity Hall	2.30	0.75	30	7	...
New Yarmouth	3.60	1.10	11	10	1.09
Rest	...	...	...	...	...
Victoria Town	4.50	1.64	1	8	1.84
Stone's Hope	7.54	1.24	6	20	2.69
Newport, Manchester	10.84	1.54	6	19	3.38
Alligator Pond	3.38	1.25	18	7	1.99
Potsdam	10.96	2.47	18	15	2.95
Long Hill	12.73	2.89	18	17	3.80
Pepper*	23.80	5.00	6	19	4.91
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	9.38	1.86	6	20	4.29
Santa Cruz	...	...	...	...	...
Pedro Plains	...	...	...	...	...
Black River	...	...	...	...	...
Spring Hill	13.98	2.18	26	19	...
Font Hill	13.45	1.85	26	13	3.79
Peter's Ville	17 58	2.90	26	19	5.24
Salem		...	...	...	...
Mount Edgecombe	10.17	1 84	16	16	3.87
Bluefields	15.19	2.25	21	15	...
Sweet River	6.81	1.55	21	17	3.42
Cornwall	...	...	...	...	...
Windsor, Sav.-la.-Mar	..	...	...	...	...
Sav.-la-Mar P.W.D.	4.39	0.87	26	16	2.63
Retreat	4.21	0.81	26	10	3.33
Spring Valley	4.77	2.58	26	7	...
Negril Point L. H.	2.59	[illegible]	[illegible]	[illegible]	
Means	6.74	...	...	...	2.40

* Gauge overflowed.

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	March.	
	1904.	Average.
	In.	In.
North Eastern Division	6.07	3.74
Northern	3.18	2.24
West Central	11.37	4.21
Southern	6.74	2.40
Means	6.68	3.14

The Rainfall for March was therefore twice as much as the the average for the whole Island. The greatest fall 29.01in. occurred at Troy in the West Central Division; while 0.22in. fell at Port Royal N. Hospital also in the same Division.

February, 1904.

Weather Report No. 301. Returns sent up too late for publication in that Report.	Total fall.	Greatest fall in 24 hours		Days on which 0.1 or more fell.
		Amount.	Date.	
	In.	In.		In.
Canaan	2.91	0.95	18	8
Lima	2.90	1.25	18	8
Success	2.40	0.80	19	7
Cinnamon Hill	3.59	1.12	18	8
Rose Hall	3.30	1.30	18	8
Running Gut	3.81	0.97	18	8
Fairfield	3.48	1.30	2	8
Round Hill	0 85	0.30	18	4
Headworks	3.22	1.03	29	11
Denbigh	2.60	0.50	26	5
Bluefields	7.39	1.40	7, 29	11
Brokenhurst	0.87	0.32	29	6

No reports have been received from several stations for the last two or three months. The editor requests that all correspondents who have no rainfall post cards to send for some so that a complete return can be obtained. Returns should be sent in by the 8th of the month.

H. H. Cousins.

Weather Office, Government Laboratory,
Kingston.

No. 303.

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Weather Bureau

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

APRIL, 1904.

METEOROLOGICAL RESULTS.

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 pressure at the Hill Gardens is reduced to the first three standards only. The 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, cirrus, or cirro-stratus.

Station.	Elevation.	Bar. Pressure.		Temperature.					Extreme Temperature.				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	in.	in.	°	°	°	°	°	°		°		
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	...	..
Negril Point Light House	33	29.943	29.888	76.1	81.7	85.1	70.1	15.0	89.3	12	66.9	1	22.4
Castleton Gardens .	496	.	...	68.3	78.9	84.2	68.3	15.9	87.0	9.14	65.0	*6	22.0
Hope Gardens .	668	29.932	29.918	71.6	75.3	84.6	65.5	19.1	88.0	8	63.0	2.3	25.0
Stony Hill Reformatory .	1,400	..	...	70.2	78.2	85.0	65.1	19.9	87.0	9.11	63.0	3.7	24.0
Hill Gardens .	4,907	25.198	25.177	58.9	63.7	67.4	55.5	11.9	69.0	*9	55.0	*2	14.0

Station.	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.	miles		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	..	...	..	...	...	...
Negril Point Light House	33	69.0	78	70.0	68	5.82	224	Var.	4.1	Var.	9.5	...	1.9	2.9	1.4	5.3	0.5
Castleton Gardens .	496	67.5	96	72.6	81	6.70	...	...	..	...	...	...	...	...	...	...	..
Hope Gardens .	668	65.3	81	71.0	87	4.11	...	...	...	..	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	68.1	93	69.8	75	3.32	...	...	...	...	...	...	...	..	...	...	...
Hill Gardens .	4,907	55.1	89	58.5	83	2.42	...	...	...	...	...	...	...	...	...	...	...

* And on other days

RAINFALL FOR APRIL, 1904.

THE first four columns contain all the information relating to the Rainfall for the month received for publication up to the date of this report; the last column contains the corresponding Rainfall average for the month, according to tables recently prepared. In obtaining the mean Rainfall for the month from the numbers in the column for the total fall, only those Stations are considered for which the average Rainfall has been also given in the last column, so that the results of these two columns are directly comparable for each Division. These results are reproduced 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. Their relative areas are as follows:—

North Eastern Division	25
Northern and Central	22
West Central	26
Southern	27
	100

NORTH-EASTERN DIVISION.	APRIL, 1904. 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.
Hordley	3.39	1.35	24	8	5.21
Manchioneal	...	...	...	...	...
Fair Prospect	...	...	...	...	...
Bath	5.07	1.30	24	14	5.64
Moore Town	9.71	2.26	21	14	12.50
Port Antonio	...	...	...	...	...
Fellowship	...	...	...	...	...
Johnson River Bridge	4.86	1.51	12	11	4.40
Shrewsbury	...	...	...	...	
Cedar Valley, St. Thos	1.15	0.65	4	4	3.48
Hill Gardens	2.42	1.06	23	9	6.38
Buff Bay	...	...	...	...	...
Bybrook	4.30	7.32	24	8	...
Greenvale	...	...	...	...	...
Mt. Holstein	5.44	1.24	9	21	...
Hardware Gap	4.14	...	...	...	6.52
Irish Town	1.53	0.60	25	3	...
Annotto Bay	...	...		...	...
Stony Hill Refl.	3.32	0.95	16	9	5.36
Castleton Garden	6.70	3.08	15	11	6.91
Lawrence Tavern	6.60	1.70	6	8	4.37
Quebec	5.61	1.16	24	10	3.97
Water Valley	3.34	1.20	24	7	5.72
Richmond, St. Mary	1.97	0.32	26	11	5.37
Kendal, St. Mary	3.75	...	...	6	...
Gayle, P.W.D.	5.02	1.75	20	10	4.82
Rio Hoe	4.91	1.10	8	10	4.59
Unity Valley	2.19	0.80	7	9	4.74
Moneague	2.43	0.58	7	15	4.18
Claremont	1.20	0.50	5	3	4.39
Albion	4.90	...	...	13	4.68
Averham Park	4.62	1.35	5	17	5.00
Ballintoy	2.83	0.70	7	9	4.51
Means	4.11	...	...	...	5.37

NORTHERN DIVISION.	APRIL, 1904. 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	7.29	1.52	23	10	4.05
Ocho Rios	1.40	0.90	21	3	2.94
Drax Hall	5.02	1.94	21	7	3.27
St. Ann's Bay	3.78	0.83	27	11	3.48
Richmond Estate	4.73	1.45	20	8	3.64
Llandovery	3.53	1.58	23	3	3.60
Southfield	4.37	1.14	20	11	7.91
Brown's Town	3.44	1.16	5	12	3.89
Hyde Park	4.50	2.00	13	3	3.40
Dry Harbour	2.61	1.00	26	7	2.79
Chewmagna	2.52	1.14	13	8	3.81
Home Castle	4.20	1.60	26	9	3.68
Richmond Pen	3.58	0.80	13	10	3.84
Mahogany Hall	3.98	1.34	26	12	4.00
Brampton Bryan	2.18	0.88	26	7	2.29
Bryan Castle	4.0	1.30	24	9	2.27
Draco	2.07	0.6	28	8	2.40
Arcadia	1.82	0.53	26	9	2.50
Harmony Hall	2.18	1.00	28	8	2.21
Lancaster	2.53	0.70	9	11	2.44
Vale Royal	1 28	0.63	26	8	3.04
Colchis Pen	6.55	1.90	26	10	3.26
Hyde	4.25	1.30	26	7	3.40
Georgia	2.23	0.68	26	9	2.57
Long Pond	3 01	1.20	26	11	3.21
Steelfield	2.60	0.75	26	10	2.65
Oxford	2.46	1.40	26	6	2.65
Cambridge	3.40	2.50	19	6	3.21
Lottery	2.85	1.85	28	5	2.40
Falmouth P.W.D.	1.3	0.29	20	10	2.21
Holland Pen	1.96	1.00	19	7	2.42
Golden Grove, Trel.	...	...	...	...	...
Tilston	...	...	...	...	...
Orange Valley	...	...	...	...	...
Kent	...	...	...	...	...
Dundee	...	...	...	...	...
Phœnix	5.26	0.80	16	10	4.72
Gales Valley	...	...	...	...	...
Canaan	5.00	2.80	27	8	3.56
Lima	5.37	1.15	30	7	2.93
Content	5.20	2.00	27	10	2.2
Moor Park	8.98	3.48	27	11	...
Success	4.20	3.50	*27	4	2.45
Cinnamon Hill	4.51	2.50	27	5	2.05
Rose Hall	4.80	3.30	27	5	2.0
Running Gut	4.47	2.00	27	5	1.83
Spring	...	...	...	...	...
Ironshore	6.95	2.90	27	6	2.42
Montego Bay	9.29	2.6	13	11	3.46
Fairfield, St. James	13.79	2.90	16	12	3.48
Anchovy	...	...	...	...	...
Round Hill	4.05	0.80	27	7	2.49
Tryall	...	...	...	...	...
Sandy Bay	12.21	2.95	27	12	3.67
Lucea	8.02	2.50	26	13	3.49

* Gauge overflowed.

Central Sub-Division	April, 1904. 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.
Headworks, Rio Cobre	5.23	1.37	21	12	3.81
Shanton	8.35	3.28	25	7	...
Linstead	2.65	1.31	6	5	4.46
Berkshire Hall	1.40	0.70	31	4	...
Point Hill	4.67	1.85	6	9	5.75
Carew Castle	6.21	1.69	6	8	...
Worthy Park	2.29	0.82	25	4	3.42
Good Hope	...	...	..	...	...
Chapelton	2.10	0.75	21	5	3.65
Lower Chapelton	3.33	0.77	21	6	5.06
Savoy House	3.87	1.37	22	7	...
Mears	...	...	...	...	...
Cave Valley	2.11	0.50	17	6	5.22
Means	4.18	...	...	...	3.30
West Central Division.					
Mocho	..	...	...	...	...
Bailliestón	2.45	0.70	17	7	4.78
Farm Plantation	4.85	1.00	4	12	4.77
Brokenhurst	9.05	3.25	4	18	4.90
Christiana	6.[illegible]2	1.53	25	8	8.53
Kendal, Manchester	7.07	1.50	26	12	6.97
Mandeville P.W.D	11.53	2.13	4	21	5.78
Carlton, Mandeville	8.21	1.92	4	12	7.41
Fairfield, Manchester	8.23	2.17	4	13	7.10
Fair View	...	...	...	...	...
Ulster Spring	8.80	2.00	22	15	7.43
Low River	7.07	2.94	14	14	...
Troy	8.95	2.70	15	10	10.29
Fontabelle, Trelawny	...	...	...	...	...
Windsor Pen, Trel.	9.26	1.80	28	14	6.58
Balaclava	18.46	3.80	14	17	10.45
Elim	14.41	4.00	14	11	12.13
Appleton	13.97	.40	6	16	8.81
Maggotty	11.59	1 77	25	11	9.92
Spring Vale, St. James	...	...	...	...	...
Maroon Town, St. Jas.	...	...	...	...	...
Kempshot	15.30	...	...	...	5.79
Kepp	...	...	...	...	..
Kew Park	12.75	2.78	20	17	8.50
Hazelymph	6.60	1.50	26	14	5.99
King Gate	4.76	1.11	29	11	3.82
Darliston	19.29	2.85	17	18	11.88
Whithorn	9.80	2.26	25	15	7.24
Lethe Bridge	...	...	..	..	...
Copse	...	...	...	...	...
Cacoon Castle	...	...	...	...	...
Great Valley	...		...	...	...
Brownsville	20.80	4.15	25	15	8.67
Fontabelle	11.89	4.90	17	13	5.77
Morgan's Bridge	7.65	3.80	17	7	5.11
King's Valley	7.27	1.7[illegible]	17	15	6.20
King's Vale Police St.	7.84	3.58	19	13	5.39
Means	10 26	...	...	...	7.32

Southern Division.	April, 1904. 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	0.62	25	19	3.03
Morant Bay	1.99	0.60	26	6	2.46
Easington	1.38	0.60	26	8	1.69
Bull Bay	0.31	0.16	14	2	7.99
Gordon Town	1.15	0.35	25	6	3.55
Hope Gardens	4.11	2.75	21	8	2.93
Halfway Tree	2.[illegible]2	0.79	21	6	1.79
Lunatic Asylum	0.39	0.19	6	6	0.94
Kingston Gardens	...	...	...	...	...
Public Works Office	0.50	0.35	24	2	1.00
Plumb Point L. H.	0.19	0.09	24	4	1.01
Port Royal N. Hospital	1.00	0.05	6	3	1.13
Spanish Town	1.24	0.54	24	7	2.38
Hog Hole Pen	1.43	0.62	23	5	3.04
Browns Hall	...	...	...	...	...
Old Harbour	2.13	0.60	23	6	3.04
May Pen	3.31	1.01	3	9	2.48
Denbigh	2.30	0.80	25	4	3.63
Parnassus Est.	...	...	...	...	...
Amity Hall	1.12	0.45	3	5	...
New Yarmouth	1.47	0.70	21	4	2 45
Rest	..	...	...	...	...
Victoria Town	3.34	1.25	4	5	4.79
Stone's Hope	3.58	1.07	4	12	4.30
Newport, Manchester.	6.45	2.13	4	12	4.81
Alligator Pond	5.15	2.24	4	5	3.76
Potsdam	7.77	1.47	2	10	4.37
Long Hill	7.18	1.29	2	15	7.86
Pepper*	10.60	1.95	2, 15	14	9.06
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	12.24	1.90	22	15	6.96
Santa Cruz	13.29	2 95	11	16	9.74
Pedro Plains	...	...	...	...	...
Black River	7.20	2.55	12	13	4.15
Spring Hill	12.61	2.70	25	19	...
Font Hill	7.65	1.40	5	12	4.79
Peter's Ville	12 40	1.89	6	19	7.03
Salem	..	...	...	...	...
Mount Edgecombe	8.78	1 93	6	17	5.18
Bluefields	17.58	2.48	8	13	...
Sweet River	10.82	2.00	17	14	5.46
Cornwall	...	...	...	...	...
Windsor, Sav.-la.-Mar	8.74	1.95	25	13	4.88
Sav.-la-Mar P.W.D.	9.41	2.46	25	14	4.98
Retreat	11.15	4.35	17	11	5.22
Spring Valley	13.24	3.71	19	13	...
Negril Point L. H.	5.82	1.26	17	9	3.12
Means	5.10	...	...	...	4.14

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	April.	
	1904.	Average.
	In.	In.
North Eastern Division .	4.11	5.37
Northern .	4.18	3.30
West Central .	10.26	7.32
Southern .	5 10	4.14
Means	5.91	5.03

The Rainfall for April was therefore above the average for the whole Island. The greatest fall 29.80in. occurred at Brownsville in the West Central Division; while 0.19in. was recorded at Plumb Point L. H. in the Southern Division.

March, 1904.

Weather Report No. 302. Returns sent up too late for publication in that Report.	Totalf all.	Greatest fall. in 24 hours		Days on which 0.1 or more fell
		Amount.	Date.	
	In.	In.		In.
Fairfield Manchester .	15.82	2.61	6	22
Windsor Sav.-la-Mar .	5.18	1.35	2	13
Long Pond .	0.75	0.39	31	4
Content .	1.32	0.65	14	4

No reports have been received from several stations for the last two or three months. The editor requests that all correspondents who have no rainfall post cards to send for some so that a complete return can be obtained. Returns should be sent in by the 8th of the month.

H. H. Cousins.

Weather Office, Government Laboratory,
Kingston.

No. 304.

LIBRARY, SEP 13 1904, Weather Bureau.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

MAY, 1904.

METEOROLOGICAL RESULTS.

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 pressure at the Hill Gardens is reduced to the first three standards only. The 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, cirrus, or cirro-stratus.

Station.	Elevation.	Bar. Pressure.		Temperature.					Extreme Temperature.				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	in.	in.	°	°	°	°	°	°		°		
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	...	..
Negril Point Light House	33	29.900	29.867	78.6	82.8	85.3	73 0	12.3	87.8	31	68.7	27	19.1
Castleton Gardens .	496	..	...	70.6	81.0	85.8	70.2	15.6	89.0	16	66.0	29	23.0
Hope Gardens .	680	29.948	29.927	74.7	82.1	86.1	67.2	18.9	90.0	31	63.0	6	27.0
Stony Hill Reformatory .	1,400	...	...	72.3	80.8	87.4	67.6	19.8	90.0	*17	65.0	*3	25.0
Hill Gardens .	4,907	25.166	25.176	60.7	64.3	67.8	56.2	11.6	72.0	15	56.0	*1	16.0

Station.	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.	miles		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...
Negril Point Light House	33	71.8	79	72.3	71	6.45	272	Var.	7.2	Var.	14.0	1*0	3.8	1.0	0.5	7.7	0.5
Castleton Gardens .	496	69.5	96	72.2	74	9.80	...	...	...	...	...	...	...	...	...	...	..
Hope Gardens .	688	68.0	81	70.4	67	1.63	...	...	...	.	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	69.9	92	71.3	72	5.15	...	...	...	...	...	...	...	...	..	...	...
Hill Gardens .	4,907	57.8	89	61.6	90	5.00	...	...	...	...	...	...	...	...	...	...	...

* And on other days.

RAINFALL FOR MAY, 1904.

THE first four columns contain all the information relating to the Rainfall for the month received for publication up to the date of this report; the last column contains the corresponding Rainfall average for the month, according to tables recently prepared. In obtaining the mean Rainfall for the month from the numbers in the column for the total fall, only those Stations are considered for which the average Rainfall has been also given in the last column, so that the results of these two columns are directly comparable for each Division. These results are reproduced 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. Their relative areas are as follows:—

North Eastern Division	25
Northern and Central	22
West Central	26
Southern	27
	100

NORTH-EASTERN DIVISION.	MAY, 1904. 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.
Hordley	13.72	4.75	25	16	5.16
Manchioneal	15.90	5.11	13	15	16.62
Fair Prospect	...	...	...	...	...
Bath	9.04	3.12	30	13	13.12
Moore Town	6.30	1.38	27	9	21.23
Port Antonio	4.95	1.20	29	7	18.19
Fellowship	6.49	1.60	30	11	24.51
Johnson River Bridge	11.03	1.27	27	17	7.45
Shrewsbury	7.38	1.42	22	9	15.84
Cedar Valley, St. Thos	7.72	1.27	8	12	11.03
Hill Gardens	5.10	1.18	11	13	11.14
Buff Bay	3.50	1.55	29	6	9.34
Bybrook	0.83	0.35	21	8	...
Greenvale	...	...	...	...	...
Mt. Holstein	6.81	1.31	23	22	...
Hardware Gap	6.03	...	...	...	13.82
Irish Town	4.69	1.40	27	6	...
Annotto Bay	3.83	1.30	30	8	8.04
Stony Hill Reft.	5.15	1.40	25	10	9.88
Castleton Gardens	9.80	1.80	24	13	12.34
Lawrence Tavern	8.46	1.66	25	9	10.19
Quebec	...	...		...	...
Water Valley	4.90	2.00	15	6	8.53
Richmond, St. Mary	4.32	0.98	4	16	8.02
Kendal, St. Mary	3.50	...	...	6	...
Gayle, P.W.D.	4.45	2.62	31	9	7.50
Rio Hoe	3.64	1.13	26	14	9.07
Unity Valley	5.21	1.58	27	18	10.59
Moneague	5.05	1.55	27	17	8.98
Claremont	7.18	1.90	30	8	8.43
Albion	5.38	1.52	26	12	8.59
Averham Park	11.22	3.20	27	15	10.83
Ballintoy	4.02	0.90	1	12	7.10
Means	6 91	...	...	...	11.36

NORTHERN DIVISION.	MAY, 1904. 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	2.31	0.67	15	10	7.22
Ocho Rios	6.47	1.80	15	7	6.94
Drax Hall	6.91	1.65	29	9	8.00
St. Ann's Bay	4.00	0.87	22	12	6.90
Richmond Estate	7.44	2.10	22	13	8.37
Llandovery	6.35	1.65	23	8	7.90
Southfield	8.17	1.87	1	14	...
Brown's Town	5.04	1.23	1	13	7.84
Hyde Park	6.25	1.75	30	6	5.69
Dry Harbour	3.35	1.20	11	9	4.90
Chewmagna	7.10	1.10	13	13	7.22
Home Castle	5.05	1.30	30	9	6.34
Richmond Pen	9.02	4.00	14	10	8.01
Mahogany Hall	10.22	2.03	30	13	8.96
Brampton Bryan	4.4[illegible]	1.37	22	10	5.80
Bryan Castle	4.68	2.08	22	10	5.48
Braco	4.06	1.7[illegible]	11	8	5.10
Arcadia	4.98	1.74	22	9	5.10
Harmony Hall	5.83	3.52	11	9	5.08
Lancaster	5.32	2.71	11	8	5.43
Vale Royal	6 05	1.97	22	9	6 47
Colchis Pen	6.65	1.70	30	10	7.56
Hyde	6.72	1.55	23	12	8.22
Georgia	6.19	1.91	11	10	5.89
Long Pond	9.47	2.75	23	10	5.48
Steelfield	8.70	2.60	23	10	5.94
Oxford	7.83	2.66	11	9	6.12
Cambridge	8.03	2.30	11	11	7.03
Lottery	9.34	2.00	11	14	6.57
Falmouth P.W.D.	3.3[illegible]	0.78	7	12	5.47
Holland Pen	6.33	1.11	22	11	5.65
Golden Grove, Trel.	...	...	...	...	...
Tilston	...	...	...	...	...
Orange Valley	...	...	...	...	...
Kent	...	...	...	...	...
Dundee	...	...	...	...	...
Phœnix	7.47	1.55	22	13	8.16
Gales Valley	...	...	...	...	...
Canaan	...	...	...	...	...
Lima	...	...	...	...	...
Content	5.42	1.30	6	11	7.52
Moor Park	8.45	1.95	30	14	...
Success	...	...	...	...	...
Cinnamon Hill	...	...	...	...	...
Rose Hall	...	...	...	...	...
Running Gut	...	...	...	...	...
Spring	...	...	...	...	...
Ironshore	6.75	1.20	22	12	5.81
Montego Bay	11.92	1.96	25	18	7.76
Fairfield, St. James	...	...	...	...	...
Irwin	14.75	2.20	15	18	...
Anchovy	...	...	...	...	...
Round Hill	...	...	...	...	...
Tryall	...	...	...	...	...
Sandy Bay	14.44	4.00	23	14	9.63
Lucea	8.68	2.42	4	18	8.09

Central Sub-Division	May, 1904. 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.
Headworks, Rio Cobre	8.13	2.05	12	24	8.13
Shanton	6.43	1.59	22	10	...
Linstead	4.80	0.80	26	13	10.10
Berkshire Hall	...	...	...	...	...
Point Hill	17.15	4.75	30	17	13.57
Carew Castle	9.71	2.04	23	11	
Worthy Park	9.24	3.20	28	10	8.41
Good Hope	6.23	1.22	28	9	...
Chapelton	10.23	2.15	25	17	9.[illegible]3
Lower Chapelton	13.16	1.94	25	18	10.89
Savoy House	14.20	3.00	12	18	...
Mears	...	...	...	...	...
Cave Valley	10.33	3.80	14	11	10.12
Means	7.33	...	...	...	7.30
West Central Division.					
Mocho	...	...	...	...	...
Bailliston	...	...	...	...	...
Farm Plantation	13.85	2.40	25	19	10.48
Brokenhurst	9.30	1.58	7	21	10.45
Christiana	8.97	1.85	13	16	12.57
Kendal, Manchester	6.96	1.36	7	18	11.69
Mandeville P.W.D	8.20	2.35	12	21	6.58
Carlton, Mandeville	8.42	2.45	11	20	9.18
Fairfield, Manchester	7.49	2.22	12	10	10.51
Fair View	...	...	...	...	...
Ulster Spring	7.14	2.00	14	10	12.71
Low River	7.04	1.95	14	14	...
Troy	9.33	2.00	28	11	17.14
Fontabelle, Trelawny	...	...	...	...	...
Windsor Pen, Trel.	8.17	1.82	11	14	11.10
Balaclava	8.10	2.46	12	10	15.97
Elim	7.00	2.55	12	9	18.98
Appleton	12.48	4.50	12	15	12.78
Appleton Estate	8.83	1.93	12	14	...
Maggotty	...	...	...	...	...
Spring Vale, St. James	...	...	...	...	...
Maroon Town, St. Jas.	...	...	...	...	...
Kempshot	17.57	4.11	15	17	10.42
Kepp	...	...	...	...	...
Kew Park	11.56	3.33	28	15	12.53
Hazelymph	8.12	2.90	29	15	11.68
King Gate	10.32	1.77	11	13	8.88
Darliston	11.02	2.25	26	17	16.73
Whithorn	9.65	1.76	14	18	14.02
Lethe Bridge	...	...	...	...	...
Copse	...	...	...	...	...
Cacoon Castle	...	...	...	...	...
Great Valley	...	...	...	...	...
Brownsville	18.84	4.55	4	18	14.51
Fontabelle	5.59	1.73	1	11	8.59
Morgan's Bridge	5.17	1.82	1	15	11.53
King's Valley	10.27	2.0[illegible]	1	13	11.89
King's Vale Police St.	5.78	1.38	29	15	8.32
Means	9.55	...	...	...	12.05

Southern Division.	May, 1904. 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.	9.91	3.31	31	19	11.13
Morant Bay	7.92	2.90	25	11	7.65
Easington	4.87	0.90	25	14	5.98
Bull Bay	4.17	2.10	12	7	3.94
Gordon Town	4.9[illegible]	2.04	27	9	8.92
Hope Gardens	1.63	0.70	26	8	6.51
Halfway Tree	1.86	0.70	26	5	4.79
Lunatic Asylum	1.41	0.70	30	5	3.07
Public Works Office	1.56	0.45	12	7	4.80
Plumb Point L. H.	0.85	0.43	25	6	4.99
Port Royal N. Hospital	1.50	0.60	25	5	2.42
Ballast Ground	0.86	0.39	25	6	...
Spanish Town	4.82	1.7[illegible]	28	6	6.04
Hog Hole Pen	5.16	0.85	28	12	7.22
Browns Hall	...	...	...	...	...
Old Harbour	2.52	1.00	7	6	6.02
May Pen	7.58	2.78	7	12	7.76
Denbigh	7.20	1.50	7	8	8.00
Parnassus Est.	...	...	...	...	...
Amity Hall	3.28	1.05	29	11	3.11
New Yarmouth	2.34	0.80	29	8	4.74
Rest	...	...	...	...	...
Victoria Town	13.45	2.04	25	14	10.21
Stone's Hope	14.68	3.75	7	21	9.92
Newport, Manchester	11.56	2.46	7	18	9.45
Alligator Pond	9.20	3.45	7	6	6.68
Potsdam	4.66	1.32	7	11	6.09
Long Hill	5.71	2.19	12	9	10.52
Pepper*	11.75	4.00	12	9	9.07
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	4.84	1.02	7	12	9.16
Santa Cruz	6.48	3.66	12	9	13.42
Pedro Plains	2.20	0.7[illegible]	8	7	4.50
Black River	8.94	2.15	12	9	7.55
Spring Hill	9.64	2.82	12	14	...
Font Hill	9.60	3.80	25	5	8.94
Peter's Ville	10.85	2.65	26	12	11.92
Salem	...	...	...	...	...
Mount Edgecombe	5.08	1.23	10	12	7.96
Bluefields	8.83	2.20	10	11	...
Sweet River	6.40	1.40	30	12	9.41
Cornwall	...	...	...	...	...
Windsor, Sav.-la.-Mar	6.86	2.70	1	13	9.10
Sav.-la-Mar P.W.D.	6.92	3.00	1	13	8.80
Retreat	12.49	8.00	*1	10	8.58
Spring Valley	11.43	5.31	1	11	...
Negril Point L. H.	6.45	4.70	1	8	5.39
Means	6.26	...	...	...	7.40

* Gauge overflowed.

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	May.	
	1904.	Average.
	In.	In.
North Eastern Division .	6.91	11.36
Northern .	7.33	7.30
West Central .	9.55	12.05
Southern .	6 26	7.40
Means	7.51	9.53

The Rainfall for May was therefore very much below the average for the whole Island. The greatest fall 18.84in. occurred at Brownsville in the West Central Division; while 0.83in. was recorded at Bybrook inthe North Eastern Division.

Corrigendum.

Weather Report 303, read for greatest amount in 24 hours ·5in. for Port Royal N. Hospital.

At Averham Park, in the North Eastern Division 3.19in. fell in 80 minutes on the 30th.

No reports have been received from several stations for the last two or three months. The editor requests that all correspondents who have no rainfall post cards to send for some so that a complete return can be obtained. Returns should be sent in by the 8th of the month.

H. H. Cousins.

Weather Office, Government Laboratory,
Kingston.

No. 305.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

JUNE, 1904.

METEOROLOGICAL RESULTS.

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 pressure at the Hill Gardens is reduced to the first three standards only. The 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 racto-stratus: the Middle clouds, cumulus; and the Upper clouds, cirrus, or cirro-stratus.

STATION.	Elevation.	Bar. Pressure.		Temperature.					Extreme Temperature.				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	in.	in.	°	°	°	°	°	°		°		
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	...	...
Negril Point Light House	33	29.935	29.902	78.8	82.3	85.5	75.6	11.9	8[illegible].1	1	69.9	9	18.2
Castleton Gardens .	496	..	...	70.8	83.0	86.8	70.5	16.3	90.	*15	66.	16	24.
Hope Gardens .	668	29.946	29.930	73.1	83.1	86.4	71.6	14.8	92.	20	67.	5.28	25.
Stony Hill Reformatory .	1,400	...	...	75.5	82.7	87.3	68.0	19.3	92.	22	65.	11,13	27.
Hill Gardens .	4,907	25.203	25.179	61.6	65.7	69.1	57.7	11.4	75.	24	56.	*9	19.

STATION.	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.	miles		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Negril Point Light House	33	71.5	79	74.7	78	16.07	320	Var.	11.9	Var.	17.1	2.3	1.2	4.7	2.7	4.6	1.1
Castleton Gardens .	496	62.0	75	81.9	93	19.33	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	668	67.5	81	71.1	68	9.67	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	68.0	77	73.2	73	11.53	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	58.8	89	61.1	87	19.42	...	...	...	...	...	...	...	...	...	...	...

* And on other days.

LIBRARY
SEP 1 1904

RAINFALL FOR JUNE, 1904.

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North Eastern Division	25
Northern and Central	22
West Central	26
Southern	27
	100

North-Eastern Division.	June, 1904. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In			In.
Hordley	19.66	8.71	11	22	12.83
Manchioneal	..	...	...	...	...
Fair Prospect	...	...	...	...	...
Bath	13.07	4.10	11	22	13.48
Moore Town	54.17	11.60	11	24	28.24
Port Antonio	...	...	...		...
Fellowship	...	...	...	...	...
Johnson River Bridge	15.24	5.10	10	25	...
Shrewsbury	...	...	...	...	...
Cedar Valley, St. Thos	23.40	10.10	10	17	14.68
Hill Gardens	19.42	8.40	10	17	7.96
Buff Bay	...	...	...	...	...
Bybrook	...	...	...	...	...
Greenvale	...	...	...	...	...
Mt. Holstein	10.66	6.01	11	12	...
Hardware Gap	9.04	...	...	...	7.81
Irish Town	9.85	5.00	10	6	...
Annotto Bay	8.60	3.80	11	8	5.10
Stony Hill Reft.	11.53	5.08	10	7	7.31
Castleton Gardens	19.33	9.82	10	11	9.91
Lawrence Tavern	15.20	7.70	11	6	7.22
Quebec	...	...		...	...
Water Valley	13.35	6.50	11	10	6.28
Richmond, St. Mary	9.80	5.31	11	9	7.64
Kendal, St. Mary	...	..	..	...	...
Gayle, P.W.D.	11.48	5.05	11	8	6.73
Rio Hoe	20.69	6.11	10	14	8.74
Unity Valley	28.98	7.05	10	20	8.50
Moneague	23.33	6.20	10	18	7.60
Claremont	...	...	...	...	...
Albion	17.19	7.03	11	18	6.85
Avenham Park	13.09	3.80	10	15	5.52
Ballintoy	15.85	6.50	10	17	6.64
Means	18.27	...	...	...	9.42

Northern Division.	June, 1904. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	11.18	3.62	11	18	4.52
Ocho Rios	...	...	...	...	...
Drax Hall	10.98	3.65	13	6	4.89
St. Ann's Bay	7.98	3.60	10	10	3.81
Richmond Estate	...	...	...	...	...
Llandovery	9.07	1.77	12	11	4.31
Southfield	10.48	4.07	10	14	...
Brown's Town	9.63	3.30	10	12	4.13
Hyde Park	20.90	5.75	10	4	8.84
Dry Harbour	6.11	2.39	13	8	4.07
Chewmagna	11.26	4.00	10	13	6.79
Home Castle	7.70	3.40	10	10	4.15
Richmond Pen	8.54	3.60	10	10	5.03
Mahogany Hall	9.89	4.00	10	13	5.14
Brampton Bryan	7.48	2.54	10	11	3.44
Bryan Castle	9.15	3.26	13	11	3.45
Braco	8.58	3.02	13	11	3.08
Arcadia	9.93	3.28	10	15	4.39
Harmony Hall	7.84	3.43	13	9	2.84
Lancaster	9.10	3.31	13	12	3.34
Vale Royal	9.78	2.78	10	15	4.41
Colchis Pen	7.10	2.60	13	9	4.71
Hyde	6.80	2.20	13	10	5.23
Georgia	9.32	3.20	13	13	3.72
Long Pond	7.12	2.20	13	13	4.60
Steelfield	8.12	3.20	13	12	4.27
Oxford	10.40	4.70	13	13	4.22
Cambridge	5.89	3.26	13	7	4.90
Lottery	10.18	5.66	13	10	4.00
Falmouth P.W.D.	11.51	7.00	13	11	2.68
Holland Pen	11.22	6.00	13	10	3.94
Golden Grove, Trel.	...	...		...	...
Tilston	15.20	8.10	*13	...	5.63
Orange Valley	...	...	...	...	...
Kent	9.45	7.25	13	6	3.68
Dundee	...	...	...	...	...
Phœnix	9.90	5.00	*13	9	7.39
Gales Valley	16.40	9.30	13	7	6.61
Canaan	9.30	4.55	13	9	7.34
Lima	10.50	7.00	*13	9	5.43
Content	12.00	7.20	13	8	4.14
Moor Park	...	...	..	..	...
Success	9.59	5.80	13	9	2.60
Cinnamon Hill	9.81	3.90	13	8	3.21
Rose Hall	9.50	5.25	13	8	3.10
Running Gut	8.56	4.80	*13	8	3.06
Spring	8.45	4.80	13	7	3.60
Ironshore	9.12	5.85	13	7	4.15
Montego Bay	15.28	7.45	13	12	7.40
Fairfield, St. James	16.18	8.30	13	11	7.68
Irwin	19.35	9.00	13	18	...
Anchovy	13.38	6.00	13	15	8.85
Round Hill	10.85	6.70	13	8	6.11
Tryall	...	...	...	...	...
Sandy Bay	13.98	7.50	13	13	7.20
Lucea	17.40	6.70	12	21	8.83

Central Sub-Division	June, 1904. 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.
Headworks, Rio Cobre		...		...	...
Shanton	14.92	8.20	10	9	...
Linstead	23.08	7.67	11	18	8.20
Berkshire Hall	..	...	...	...	...
Point Hill	31.07	17.30	11	11	8.86
Carew Castle	16.55	7.23	6	12	
Worthy Park	18.8[illegible]	7.32	11	9	6.72
Good Hope	...	...		...	...
Chapelton	12.26	5.13	10	8	6.67
Lower Chapelton	16.95	6.79	10	10	6.94
Savoy House	15.90	6.50	10	11	...
Mears		...	...	...	...
Cave Valley	25.8	10.30	10	10	7.52
Means	11.61	...	...	...	5.17
West Central Division.					
Mocho	19.53	6.56	10	14	10.39
Baillieston	30.03	11.16	10	8	0.40
Farm Plantation	16.20	5.30	11	9	10.38
Brokenhurst	20.07	6.00	10	10	13.41
Christiana	19.74	7.80	10	8	8.22
Kendal, Manchester**	21.86	5.00	10	17	12.57
Mandeville P.W.D	28.01	10.11	10	15	6.62
Carlton, Mandeville	25.18	9.34	10	12	13.33
Fairfield, Manchester	10.91	2.93	13	11	11.00
Fair View	..	...	...	...	..
Ulster Spring	8.61	2.41	13	9	5.18
Low River	17.65	7.42	10	10	...
Troy	13.44	5.00	13	4	6.83
Fontabelle, Trelawny	...	..	...	...	...
Windsor Pen, Trel.	11.47	4.46	13	10	9.27
Balaclava	..	...	...	...	...
Elim	9.85	5.35	11	8	6.79
Siloah†	14.30	5.55	10	10	7.40
Appleton Estate	14.70	5.90	10	10	...
Maggotty	...	.	...	...	...
Spring Vale, St. James	...	...	...	..	...
Maroon Town, St. Jas.	...	...	...	...	...
Kempshot	14.07	5.20	13	19	9.54
Kepp	...	...	...	...	...
Kew Park	21.52	13.87	12, 13	13	9.73
Hazelymph	15.79	5.30	*12	12	7.88
King Gate	14.07	8.00	13	14	10.17
Darliston	22.27	10.34	13	13	13.27
Whithorn	20.57	6.00	12	13	10.24
Lethe Bridge	...	...	..	.	...
Copse	...	...	...	...	...
Cacoon Castle	...	...	...	...	...
Great Valley	14.46	5.35	*13	22	13.37
Brownsville	21.58	5.20	13	21	14.29
Fontabelle	17.88	10.15	13	17	10.24
Morgan's Bridge	15.05	6.27	13	18	10.58
King's Valley	15.65	5.55	12	14	12.26
King's Vale Police St.	15.96	3.20	12	16	12.69
Means	17.62	...	...	...	10.23

Southern Division.	June, 1904. 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.	12.04	8.33	12	22	8.17
Morant Bay	11.56	6.30	10	16	9.40
Easington	14.18	6.30	10	20	8.70
Bull Bay	9.69	5.72	10	10	4.83
Gordon Town	11.51	6.66	10	9	5.20
Hope Gardens	9.67	4.50	10	9	5.28
Halfway Tree	11.02	6.03	10	6	3.88
Lunatic Asylum	7.51	3.75	10	12	5.00
Public Works Office	9.98	5.12	10	10	4.07
Plumb Point L. H.	8.31	3.81	10	8	4.24
Port Royal N. Hospital	7.50	3.50	10	7	5.33
Ballast Ground	8.80	5.20	10	6	...
Spanish Town	14.27	6.55	10	7	4.88
Hog Hole Pen	11.31	6.20	10	7	5.47
Browns Hall	21.56	12.98	11	10	9.24
Old Harbour	10.30	4.70	11	5	6.69
May Pen	11.34	4.70	10	8	6.53
Denbigh	11.80	5.00	11	6	5.17
Parnassus Est.	12.50	4.70	10	10	...
Amity Hall	6.70	2.18	10	8	11.25
New Yarmouth	7.26	2.75	10	7	5.49
Milk River	5.83	1.97	10	11	..
Victoria Town	11.67	2.70	10	6	7.12
Stone's Hope	17.60	7.68	10	12	10.09
Newport, Manchester.	20.72	7.60	10	14	9.38
Alligator Pond	9.66	5.41	10	5	5.53
Potsdam	15.67	6.75	10	7	5.94
Long Hill	18.09	8.16	10	7	6.14
Pepper	12.30	5.50	*11	7	5.37
Torrington	...	...	...	...	..
Bethlenem, St. Eliz.	14.28	6.75	10	9	5.81
Santa Cruz	..	...	...	...	...
Pedro Plains	...	...	...	...	...
Black River	...	...	...	...	...
Spring Hill	10.85	3.01	13	8	...
Font Hill	11.95	4.25	*13	5	5.60
Peter's Ville	17.78	4.16	13	11	7.86
Salem	..	...	...	...	...
Mount Edgecombe	12.72	4.60	12	13	6.19
Bluefields	13.26	2.88	10	11	...
Sweet River	18.19	7.20	*13	13	7.25
Cornwall	...	...	...	...	...
Windsor, Sav.-la.-Mar	17.40	8.53	*12, 13	13	6.50
Sav.-la-Mar P.W.D.	19.24	10.90	12	16	5.99
Retreat	24.89	8.50	*12	13	7.25
Spring Valley	28.17	13.04	13	17	...
Negril Point L. H.	16.07	5.53	12	9	6.13
Means	13.31	...	...	...	6.47

** Gauge was found to be leaking during the rains.
† The Appleton Estate has started to send in returns; the original Appleton has been changed to Siloah.
* Gauge overflowed.

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	June.	
	1904.	Average.
	In.	In.
North Eastern Division .	18.27	9.42
Northern .	11.61	5.17
West Central .	17.62	10.23
Southern .	13 31	6.47
Means	15.20	7.82

The Rainfall for June was therefore very nearly twice as much as the average for the whole Island. The greatest fall 54.17 in. occurred at Moore Town in the North-eastern Division, while 5.83 in. fell at Milk River in the Southern Division.

Corrigendum.

Weather Report No. 303, Rainfall for Quebec, read Total fall 6.11 in. No. of rainy days 11.

May, 1904.

Weather Report, No. 304. Returns sent up too late for publication in that Report.	Total Fall.	Greatest fall in 24 hours.		Days on which 00.1 or more fell.
		Amount.	Date.	
	In.	In.		
Quebec ...	3.50	1.75	15	7
Canaan ...	6.01	2.05	15	15
Lima ...	5.80	1.57	15	12
Success ...	4.50	1.00	22	11
Cinnamon Hill ...	6·17	1.40	22	11
Rose Hall ...	4.00	0.90	24	7
Running Gut ...	5.62	1.45	30	13
Fairfield ...	11.48	1.18	11	18
Round Hill ...	6.95	2.70	11	7

Irwin, (St. Jas.) During the early hours of the morning of the 13th 1.00 in. fell and from 7 a.m. till 1 p.m. 8.00 in. fell. The Montego River rose 15 ft. above its normal height, with a breadth of nearly 5 chains at the Irwin fording. (A. Dowll).

Unity Valley, (St. Ann), 21.30 in. fell from 10th to 13th

Fontabelle, (Westmoreland), 7.13 in. fell between 5.30 a.m. and 8.30 a.m. (3 hrs.)

Mount Edgecombe, (Westmoreland.) In the first six months of this year, the rainfall has been nearly 50 in. (49.53 in.) Nearest approach to this in 27 years was in 1894 with 45.56 in. (C.B.V.)

Sweet River. Heaviest Rainfall for June for 23 years, (W. M. Douet.)

H. H. Cousins.

Weather Office, Government Laboratory,
Kingston.

LIBRARY,
SEP 13 1904
Weather Bureau.

No. 306.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

JULY, 1904.

METEOROLOGICAL RESULTS.

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 pressure at the Hill Gardens is reduced to the first three standards only. The 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 racto-stratus: the Middle clouds, cumulus; and the Upper clouds, cirrus, or cirro-stratus.

STATION.	Elevation.	Bar. Pressure.		Temperature.					Extreme Temperature.				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	in.	in.	°	°	°	°	°	°		°		
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	...	...
Negril Point Light House	33	29.986	29.951	78.6	82.4	86.7	72.2	14.5	89.9	8	69.7	25	20.2
Castleton Gardens .	496	..	...	76.7	84.1	88.5	70.5	18.0	92.	*10	67.	17,30	25.
Hope Gardens .	668	29.952	29.906	73.8	84.0	88.4	68.4	20.0	93.	19.23	64.	27	29.
Stony Hill Reformatory .	1,400	...	...	72.7	82.4	88.4	67.2	21.2	93.	12.14	64.	8	29.
Hill Gardens .	4,907	25.240	25.252	63.3	67.7	71.9	58.2	13.7	77.	22	57.	*26	20.

STATION.	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.	miles		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Negril Point Light House	33	71.7	79	73.7	75	6.91	200	Var.	6.3	Var.	7.7	1.0	0.1	3.0	1.8	6.4	0.8
Castleton Gardens .	496	68.9	93	72.1	67	4.19	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	668	64.4	73	76.0	76	1.28	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	69.6	89	72.4	71	7.67	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	54.2	72	58.3	72	2.01	...	...	...	...	...	...	...	...	...	...	...

* And on other days.

RAINFALL FOR JULY, 1904.

THE first four columns contain all the information relating to the Rainfall for the month received for publication up to the date of this report; the last column contains the corresponding Rainfall average for the month, according to tables recently prepared. In obtaining the mean Rainfall for the month from the numbers in the column for the total fall, only those Stations are considered for which the average Rainfall has been also given in the last column, so that the results of these two columns are directly comparable for each Division. These results are reproduced 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. Their relative areas are as follows:—

North Eastern Division	25
Northern and Central	22
West Central	26
Southern	27
	100

NORTH-EASTERN DIVISION.	JULY, 1904. 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.
Hordley	7.37	1.85	27	16	7.44
Manchioneal	...	...	...	...	...
Fair Prospect	...	...	...	...	...
Bath	10.76	3.45	9	18	10.81
Moore Town	37.66	10.10	9	17	23.84
Port Antonio	...	...	...	...	...
Fellowship	...	...	...	...	...
Johnson River Bridge	14.00	7.06	9	13	...
Shrewsbury	...	...	...	...	...
Cedar Valley, St. Thos	5.76	1.75	9	11	7.49
Hill Gardens	2.01	1.12	27	11	3.89
Buff Bay	...	...	...	...	...
Bybrook	...	...	...	...	...
Greenvale	...		...	...	...
Mt. Holstein	2.29	0.47	25	11	...
Hardware Gap	2.52	...	...	...	4.56
Irish Town	0.90	0.40	29	4	...
Annotto Bay	2.53	0.60	29	10	4.74
Stony Hill Reft.	7.67	2.60	17	10	5.49
Castleton Gardens	4.19	1.53	27	4	6.41
Lawrence Tavern	4.70	2.44	29	6	5.67
Quebec	1.60	0.45	29	7	3.51
Water Valley	2.48	0.70	1	8	4.40
Richmond, St. Mary	1.21	0.45	29	5	4.23
Kendal, St. Mary	...	...	...	...	...
Gayle, P.W.D.	...	...	.	...	...
Rio Hoe	1.72	0.95	29	9	4.46
Unity Valley	4.91	1.95	28	10	5.95
Moneague	3.90	1.56	28	11	4.97
Claremont	...	...	...	...	...
Albion	3.64	1.68	28	8	4.39
Avernam Park	1.46	0.41	28	9	3.60
Ballintoy	2.47	1.06	9	5	3.86
Means	5.71	...	...	...	6.30

NORTHERN DIVISION.	JULY, 1904. 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	4.85	1.10	7	20	4.49
Ocho Rios	...	...	...	...	...
Drax Hall	3.24	1.62	7	6	3.10
St. Ann's Bay	2.31	0.90	7	10	3.42
Richmond Estate	...	...	...	...	...
Llandovery	2.69	1.27	7	5	2.16
Southfield	3.65	1.29	21	7	...
Brown's Town	2.71	0.79	28	8	3.18
Hyde Park	1.75	1.00	11	3	3.85
Dry Harbour	2.40	0.67	2	7	1.84
Chewmagna	2.23	0.85	28	6	3.85
Home Castle	2.15	0.75	28	7	2.42
Richmond Pen	1.40	0.60	21	3	2.93
Mahogany Hall	1.82	0.85	28	6	4.21
Brampton Bryan	0.94	0.34	29	4	2.33
Bryan Castle	1.78	0.63	17	7	1.92
Braco	1.10	0.28	30	7	1.82
Arcadia	0.96	0.35	29	6	2.13
Harmony Hall	1.17	0.60	7	3	1.60
Lancaster	1.03	0.36	29	5	2.04
Vale Royal	0.96	0.37	29	5	2.99
Colchis Pen	2.60	1.10	9	5	3.20
Hyde	2.36	0.72	28	8	4.91
Georgia	0.94	0.30	29	5	2.34
Long Pond	1.69	0.70	29	5	3.46
Steelfield	1.91	1.15	29	5	3.04
Oxford	2.15	1.15	28	6	2.42
Cambridge	1.18	0.50	29	6	3.30
Lottery	1.21	0.71	28	3	2.44
Falmouth P.W.D.	2.16	1.04	28	5	1.77
Holland Pen	1.49	0.82	28	5	2.14
Golden Grove, Trel.	...	...	...	...	...
Tilston	1.60	0.60	28	5	3.78
Orange Valley	...	...	...	...	...
Kent	0.40	0.40	30	1	1.75
Dundee	...	...	...	...	...
Phœnix	...	...	...	..	...
Gales Valley	...	...	...	...	..
Canaan	...	...	...	...	...
Lima	...	...	...	...	...
Content	2.07	0.85	28	4	2.40
Moor Park	5.67	2.80	5	9	...
Success	...	...	...	...	...
Cinnamon Hill	...	...	...	...	...
Rose Hall	...	...	..	...	...
Running Gut	...	...	...	...	...
Spring	1.20	0.35	29	4	1.86
Ironshore	1.19	0.32	21	7	2.00
Montego Bay	3.21	0.81	9	9	3.84
Fairfield, St. James	...	...	...	...	...
Irwin	4.80	1.50	6	10	...
Anchovy	...	...	...	...	...
Round Hill	...	...	...	...	...
Tryall	...	...	...	...	...
Sandy Bay	3.41	2.15	21	5	5.63
Lucea	4.31	1.40	21	10	5.42

Central Sub-Division	July, 1904. 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.
Headworks, Rio Cobre	0.67	0.48	25	3	3.92
Shanton	...	...	...	...	...
Linstead	4.89	1.50	29	17	6.06
Berkshire Hall	3.19	1.35	28	5	...
Point Hill	7.18	1.65	17	8	6.52
Carew Castle	5.81	1.00	21	15	..
Worthy Park	5.60	1.80	29	8	4.50
Good Hope	...	...	...	...	...
Chapelton	2.20	0.82	27	6	4.16
Lower Chapelton	2.83	1.06	29	7	3.93
Savoy House	2.64	1.01	29	11	...
Mears	...	...	...	...	...
Cave Valley	6.7[illegible]	1.95	9	8	4.86
Means	2.34	...	...	...	3.25
West Central Division.					
Mocho	...	...	...	...	...
Baillieston	...	...	...	...	...
Farm Plantation	...	...	...	..	...
Brokenhurst	5.51	1.80	9	9	6.76
Christiana	2.53	1.12	29	7	4.53
Kendal, Manchester	5.20	1.50	29	14	5.87
Mandeville P.W.D	4.49	1.60	29	13	6.08
Carlton, Mandeville	4.93	2.40	29	9	4.86
Fairfield, Manchester	3.52	0.94	30	10	3.56
Fair View	..	...	...	...	...
Ulster Spring	2.74	0.92	22	7	5.04
Low River	4.73	1.76	29	11	...
Troy	3.83	1.11	21	8	7.25
Windsor Pen, Trel.	6.82	1.60	2	11	6.90
Balaclava	2.23	0.60	3	9	5.37
Elim	1.88	0.50	17	5	6.14
Siloah	3.39	0.60	9	10	7.33
Appleton Estate	4.63	1.65	9	12	...
Maggotty	...	..	...	...	...
Spring Vale, St. James	...	...	...	...	...
Maroon Town, St. Jas.	...	...	...	...	...
Kempshot	8.33	1.90	29	12	6.66
Kepp	...	...	...	...	...
Kew Park	3.82	1.00	7	8	10.76
Hazelymph	5.80	1.40	6	10	9.44
King Gate	2.94	1.00	21	5	6.21
Darliston	9.67	1.53	22	16	12.07
Whithorn	7.67	2.00	24	14	11.13
Lethe Bridge	...	...	..	...	...
Copse	...	...	...	...	...
Cacoon Castle	...	...	...	...	...
Great Valley	7.29	1 75	18	12	10.44
Brownsville	7.46	...	...	10	11.83
Fontabelle	8.17	2.94	9	11	9.00
Morgan's Bridge	10.42	3.70	9	17	11.77
King's Valley	12.15	2.00	11	13	12.09
King's Vale Police St.	7.79	1.20	27	19	11.93
Means	5.77	...	...	...	8.04

Southern Division.	July, 1904. 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.	3.95	0.83	28	15	3.40
Morant Bay	6.63	2.24	9	12	6.42
Easington	9.12	4.50	9	13	7.11
Bull Bay	1.40	0.44	9	8	2.83
Gordon Town	0.63	0.37	29	3	3.03
Hope Gardens	1.28	0.48	31	6	2.89
Halfway Tree	1.07	0.40	29	3	2.10
Lunatic Asylum	0.21	0.09	25	4	1.80
Public Works Office	0.23	0.13	28	3	1.90
Plumb Point L. H.	0.68	0.44	29	4	2.08
Port Royal N. Hospital	1.00	0.95	29	6	2.00
Ballast Ground	0.60	0 33	29	2	..
Spanish Town	0.51	0.41	25	2	2.78
Hog Hole Pen	1.24	0.48	27	4	2.74
Browns Hall	...	...	...	...	...
Old Harbour	2.15	1.10	28	3	2.94
May Pen	10.44	3.25	4	9	4.35
Denbigh	...	...	...	...	...
Parnassus Est.	9.30	2.20	29	8	...
Amity Hall	3.13	1.53	29	5	...
New Yarmouth	...	..	...	...	...
Milk River	3.20	2.05	29	9	...
Victoria Town	2.98	1.40	29	5	3.13
Stone's Hope	1.91	0.85	29	5	4.82
Newport, Manchester	3.06	1.44	29	6	4.63
Alligator Pond	3.09	1.92	29	3	3.10
Potsdam	3.45	2.45	27	3	2.91
Long Hill	1.30	0.57	27	3	3.60
Pepper	2.30	1.10	27	4	3.27
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	1.68	0.70	17	6	3.44
Santa Cruz	2.67	1.45	17	10	5.43
Pedro Plains	1.92	1.42	27	3	1.69
Black River	4.62	0.97	17	10	4.83
Spring Hill	2.35	0.53	4	11	...
Font Hill	4 05	1.70	9	6	5.63
Shrewsbury, Westd.	7.95	1.70	9	13	...
Peter's Ville	6.08	1.36	9	14	6 69
Salem	...	...	...	...	...
Mount Edgecombe	4.68	0 70	29	16	6.64
Bluefields	7.44	1.65	29	12	...
Sweet River	6.32	1.00	26	15	7.39
Cornwall	...	...	...	...	...
Windsor, Sav.-la.-Mar	3.80	0.77	21	16	6.93
Sav.-la-Mar P.W.D.	3.06	0.70	1	19	5.86
Retreat	5.38	1.61	9	11	7.51
Spring Valley	...	...	...	...	...
Negril Point L. H.	6.91	2.09	9	9	5.98
Means	3.21	...	...	...	4.17

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	July.	
	1904.	Average.
	In.	In.
North Eastern Division .	5.71	6.30
Northern .	2.34	3.25
West Central .	5.77	8.04
Southern .	3.21	4.17
Means	4.26	5.44

The Rainfall for July was therefore below the average for the whole Island. The greatest Rainfall 37.66 in. occurred at Moore Town in the North-eastern Division, while 0.21 in. fell at Lunatic Asylum in the Southern Division.

Vale Royal St Andrew.
Elevation 484 ft.

July, 1904.	7 A.M.	7 P.M.
Bar Pressure .	29.939	29.935
Temperature .	76	81
Dew Point .	67	69
Humidity .	75	72
Cloud .	3	2

	°
Mean Max. Temp.	87
Mean Min. Temp.	73
Mean Range	14
Extreme Temps.	Max. 92 on the 19th. Min. 71 on the 30th.

Mean Wind per diem 56 miles.

Max. Wind S.E. 18 miles per hour.

June, 1904.

Weather Report, No. 305. Returns sent up too late for publication in that Report.	Total Fall.	Greatest fall in 24 hours.		Days on which 00.1 or more fell.
		Amount.	Date.	
	In.	In.		
Berkshire Hall ...	18.40	5.20	11	15
Copse ...	13.10	5.45	13	11
Black River ...	6.34	2.22	8	6
Santa Cruz ...	12.70	7.50	10	8
Maggotty ...	11·61	3.60	10	11
Pedro ...	9.04	3.10	10	7
Torrington ...	14.05	5.36	10	7
Quebec ...	8.14	2.66	11	9

H. H. Cousins.

Weather Office, Government Laboratory,
Kingston.

No. 307.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

AUGUST, 1904.

METEOROLOGICAL RESULTS.

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 pressure at the Hill Gardens is reduced to the first three standards only. The 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 racto-stratus: the Middle clouds, cumulus; and the Upper clouds, cirrus, or cirro-stratus.

STATION.	Elevation.	Bar. Pressure.		Temperature.					Extreme Temperature.				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	in.	in.	°	°	°	°	°	°		°		
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	...	...
Negril Point Light House	33	29.971	29.935	78.5	81.7	87.0	72 0	15.0	89.9	5	69.3	1	20.6
Castleton Gardens .	496	..	...	70.5	82.7	87.7	74.5	13.2	91.	26	66.	5	25.
Hope Gardens .	668	29.948	29.880	73.7	84.3	88.3	68.9	19.4	92.	27	66.	27	26.
Stony Hill Reformatory .	1,400	...	...	72.8	83.3	84.9	67.2	17.7	91.	19	66.	*3	25.
Hill Gardens .	4,907	25.233	25.234	61.5	67.1	70.9	58.1	12.8	74.	18,26	57.	20,30	17.

STATION.	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.	miles		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Negril Point Light House	33	71.8	79	75.0	80	4.07	193	Var.	4.2	Var.	6.3	0.3	0.3	4.0	2.7	6.4	...
Castleton Gardens .	496	66.6	87	73.3	74	2.05	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	668	60.8	68	69.6	69	1.76	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	70.4	92	72.7	72	3.14	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	54.7	77	61.3	81	2.05	...	...	...	...	...	...	...	...	...	...	...

* And on other days

RAINFALL FOR AUGUST, 1904.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the date of this report; the last column contains the corresponding Rainfall average for the month, according to tables recently prepared. In obtaining the mean Rainfall for the month from the numbers in the column for the total fall, only those Stations are considered for which the average Rainfall has been also given in the last column, so that the results of these two columns are directly comparable for each Division. These results are reproduced 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. Their relative areas are as follows:—

North Eastern Division	25
Northern and Central	22
West Central	26
Southern	27
	100

North-Eastern Division.	August, 1904. 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.
Hordley	9.11	2.30	29	17	9.40
Manchioneal	..	...	...	...	...
Fair Prospect	...	...	...	...	...
Bath	11.03	1.90	15	20	9.85
Moore Town	22.76	3.70	13	16	14.48
Port Antonio	9.90	2.26	25	14	10.64
Fellowship	21.90	2.60	25	25	13.49
Johnson River Bridge	8.73	1.10	19	12	10.02
Shrewsbury	11.74	3.95	4	16	8.45
Cedar Valley, St. Thos	...	...	...	...	...
Hill Gardens	2.05	0.45	28	12	8.15
Buff Bay	9.71	2.75	4	22	5.31
Bybrook	6.39	1.80	3	9	...
Greenvale	...	...	...	...	...
Mt. Holstein	2.78	1.29	22	12	...
Hardware Gap	4.15	...	...	...	7.21
Irish Town	2.81	1.25	9	5	...
Annotto Bay	8.72	3.72	4	10	4.15
Stony Hill Reft.	3.14	0.90	29	12	9.68
Castleton Gardens	2.05	0.75	28	9	10.28
Lawrence Tavern	4.68	0.95	14	9	8.66
Quebec	6.07	2.75	4	8	3.88
Water Valley	7.51	3.20	4	9	6.97
Richmond, St. Mary	2.55	0.80	4	13	5.18
Kendal, St. Mary	3.90	...	...	...	...
Gayle, P.W.D.	3.34	0.75	22	13	3.67
Rio Hoe	3.22	1.20	14	10	6.38
Unity Valley	3.05	0.91	13	14	6.63
Moneague	4.51	1.70	21	11	6.14
Claremont	4.41	1.70	24	7	5.95
Albion	5.06	1.64	29	10	6.19
Avenham Park	1.60	0.47	17	8	4.87
Ballintoy	4.53	2.00	21	10	6.54
Means	7.02	...	...	...	7.69

Northern Division.	August, 1904. 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	6.74	2.25	4	15	4.53
Ocho Rios	1.92	1.50	16	10	2.70
Drax Hall	...	...	...	...	...
Liberty Hill	1.15	0.26	17	9	...
St. Ann's Bay	1.75	0.45	9	12	2.84
Richmond Estate	2.31	0.55	9	9	3.60
Llandovery	2.14	0.64	9	5	3.03
Southfield	2.99	1.43	14	10	3.44
Brown's Town	...	...	...	...	...
Hyde Park	4.60	1.00	7,30	8	4.18
Dry Harbour	1.68	0.47	15	5	2.89
Chewmagna	3.67	1.45	21	11	4.77
Home Castle	2.88	1.10	17	7	3.57
Richmond Pen	4.40	1.30	16	9	5.00
Mahogany Hall	5.58	2.10	25	6	6.07
Brampton Bryan	3.30	0.93	17	6	3.36
Bryan Castle	2.08	1.10	17	6	2.98
Braco	1.13	0.60	17	4	3.03
Arcadia	2.75	0.80	29	8	3.53
Harmony Hall	1.87	1.22	15	4	2.68
Lancaster	2.07	0.65	17	7	3.33
Vale Royal	2.23	0.75	13	7	4.62
Colchis Pen	4.26	1.4[illegible]	25	9	5.22
Hyde	4.02	1.65	13	6	5.67
Georgia	1.97	0.45	13	8	3.76
Long Pond	2.15	0.91	13	5	3.36
Steelfield	2.46	1.10	13	7	3.69
Oxford	2.10	1.00	13	5	2.96
Cambridge	1.39	0.70	13	5	3.47
Lottery	1.33	0.55	13	4	3.54
Falmouth P.W.D.	1.53	0.36	17	10	2.87
Holland Pen	1.80	1.00	12	5	2.81
Golden Grove, Trel.	...	...		...	...
Tilston	2.10	1.00	16	8	5.43
Orange Valley	...	...	...	...	...
Kent	2.40	0.90	15	6	3.12
Dundee	...	...	...	...	...
Phœnix	...	...	...	...	...
Gales Valley	...	...	...	...	...
Canaan	...	...	...	...	...
Lima	...	...	...	...	...
Content	1.20	0.65	12	4	4.50
Moor Park	0.78	0.45	26	8	...
Success	...	...	...	...	...
Cinnamon Hill	...	...	...	...	...
Rose Hall	...	...		...	...
Running Gut	...	...	...	...	...
Spring	0.75	0.30	9	4	2.44
Ironshore	0.81	0.30	21	4	3.70
Montego Bay	2.98	0.6[illegible]	13	14	5.45
Fairfield, St. James	...	...	...	...	...
Irwin	3.85	1.40	12	13	...
Anchovy	...	...	...	...	...
Round Hill	...	...	...	...	...
Tryall	...	...	...	...	...
Sandy Bay	5.46	0.85	20	14	6.44
Lucea	7.67	2.01	17	17	6.87

Central Sub-Division	August, 1904. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In	In.			In.
Headworks, Rio Cobre	1.85	0.96	17	10	5.98
Shanton	7.66	1.11	21	15	...
Linstead	6.48	1.00	9,20	17	8.29
Berkshire Hall	5.75	1.78	11	7	...
Point Hill	17.74	3.10	24	17	11.94
Carew Castle	5.61	0.95	16	14	
Worthy Park	4.17	1.73	2	6	5.16
Good Hope	...	...	...	...	...
Chapelton	2.63	0.80	22	8	7.10
Lower Chapelton	3.45	0.79	22	11	5.60
Savoy House	3.33	0.82	9	13	...
Mears	...	...	...	...	...
Cave Valley	4.47	0.85	7	9	7.22
Means	3.25	...	...	...	4.47
West Central Division.					
Mocho	...	...	...	...	...
Baillieston	5.14	1.44	14	10	6.23
Farm Plantation	5.10	2.15	12	5	7.43
Brokenhurst	3.78	0.85	17	10	7.51
Christiana	1.47	0.27	17	8	5.50
Kendal, Manchester	6.84	1.27	17	17	7.20
Mandeville P.W.D	4.26	1.50	12	13	8.21
Carlton, Mandeville	4.64	1.50	11	11	4.58
Fairfield, Manchester	4.29	2.29	12	10	5.99
Fair View	...	...	...	...	
Ulster Spring	7.57	2.85	15	10	7.52
Low River	2.52	0.65	14	14	...
Troy	11.72	2.20	15	13	9.12
Windsor Pen, Trel.	4.21	1.25	20	14	8.57
Balaclava	6.29	2.50	12	6	6.92
Elim	7.18	1.66	9	7	9.64
Siloah	8.69	4.46	31	13	10.47
Appleton Ry. Station	11.10	4.50	31	12	.
Appleton Estate	10.95	3.94	31	15	...
Maggotty	10.12	1.49	31	17	10.15
Spring Vale, St. James	...	...	...	..	...
Kempshot	9.18	2.90	8	17	8.81
Kepp	...	...	...	...	...
Kew Park	12.29	2.61	21	16	12.22
Hazelymph	12.19	1.40	21	20	11.21
King Gate	3.26	0.94	14	10	5.79
Darliston	14.55	2.17	9	19	15.06
Whithorn	8.85	1.21	21	23	11.46
Copse	...	...	...	...	...
Great Valley	7.15	2.00	29	11	12.19
Brownsville	10.25	1.49	16	18	12.55
Fontabelle	11.09	2.14	21	13	12.44
Morgan's Bridge	10.[illegible]3	2.80	13	20	11.96
King's Valley	12.24	3.10	13	17	12.[illegible]4
King's Vale Police St.	9.48	1.10	21	19	11.60
Means	7.73	...	...	...	9.36

Southern Division.	August, 1904. 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.	3.89	0.48	26	21	5.36
Morant Bay	6.32	1.02	25	19	5.84
Easington	...	...	...	...	...
Bull Bay	0.62	0.25	21	5	2.92
Gordon Town	2.07	0.55	9	9	4.15
Hope Gardens	1.76	0.47	29	9	5.56
Mona	2.03	0.64	9	5	
Halfway Tree	1.47	0.63	12	4	3.00
Lunatic Asylum	0.88	0.44	9	7	2.10
Public Works Office	0.63	0.30	9	5	3.91
Plumb Point L. H.	0.49	0.11	31	9	3.58
Port Royal N. Hospital	0.13	0.10	21	4	2.13
Ballast Ground	1.11	0.[illegible]0	9	7	...
Spanish Town	1.59	0.85	31	5	4.29
Hog Hole Pen	2.16	2.40	31	2	4.90
Browns Hall	6.28	1.51	20	11	9.00
Old Harbour	2.21	0.91	12	4	4.78
May Pen	2.23	0.85	10	7	4.50
Denbigh	1.10	0.20	10	2	4.92
Parnessus Est.	...	..	...	...	...
Amity Hall	1.36	0.43	12	7	4.98
New Yarmouth	1.67	1.00	12	2	3.44
Milk River	0.95	0.32	12	5	...
Victoria Town	0.57	0.30	17	3	3.42
Stone's Hope	3.92	1.00	17	10	6.28
Newport, Manchester	3.38	1.62	12	9	5.17
Alligator Pond	0.95	0.40	12	3	3.30
Potsdam	2.87	1.72	31	5	4.49
Long Hill	8.57	5.00	12	5	6.54
Pepper	5.55	2.15	12	6	6.50
Torrington	...	...	...	...	..
Bethlehem, St. Eliz.	6.60	2.07	12	9	5.27
Santa Cruz	7.36	2.91	12	10	9.00
Pedro Plains	1.38	0.73	17	3	2.05
Black River	5.64	1.30	12	10	6.30
Spring Hill	7.14	1.07	21	17	...
Font Hill	4.65	1.80	15	10	5.81
Shrewsbury, Westd.	12.43	2.70	13	17	...
Peter's Ville	10.20	1.85	26	14	10.72
Salem	...	...	...	...	...
Mount Edgecombe	10.11	1.83	17	21	8.35
Bluefields	15.98	2.55	21	18	...
Sweet River	7.53	1.62	21	19	8.88
Cornwall	...	...	...		...
Windsor, Sav.-la.-Mar	6.18	1.26	21	11	7.17
Sav.-la-Mar P.W.D.	6.45	1.00	29	19	7.55
Retreat	10.26	3.00	16	14	8.59
Spring Valley	...	...	...	...	...
Negril Point L. H.	4.07	0.90	19	12	6.61
Means	3.88	...	...	...	5.44

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	August.	
	1904.	Average.
	In.	In.
North Eastern Division .	7.02	7.69
Northern .	3.25	4.47
West Central .	7.73	9.36
Southern .	3.88	5.44
Means	5.47	6.74

The Rainfall for August was therefore below the average for the whole Island. The greatest fall 22.76 in. occurred at Moore Town in the North-eastern Division, while 0.13 in. was recorded at Port Royal N. Hospital in the Southern Division.

Vale Royal St Andrew.
Elevation 484 ft.

July, 1904.	7 A.M.	7 P.M.
Bar Pressure .		
Temperature .		
Dew Point .		
Humidity .		
Cloud .		

Mean Max. Temp.

Mean Min. Temp.

Mean Range

Extreme Temps. { Max / Min.

Mean Wind per diem 56 miles.

Max. Wind S.E. 18 miles per hour.

July, 1904.

Weather Report, No. 306. Returns sent up too late for publication in that Report.	Total Fall.	Greatest fall in 24 hours.		Days on which 00.1 or more fell.
		Amount.	Date.	
	In.	In.		
Shanton ...	5.50	2.10	25	12
New Yarmouth ...	1.99	1.20	29	4
Richmond Est. ...	3.24	1.70	8	10
Canaan ...	5.09	1.10	2	8
Lima ...	1·77	0.70	28	4
Success ...	1.75	0.90	7	4
Cinnamon Hill ...	1.25	0.70	7	4
Rose Hall ..	1.10	0.60	7	4
Running Gut ...	1.21	0.65	7	4
Fairfield ...	4.02	1.07	28	6
Round Hill ...	0.10	0.10	21	1
Copse ...	6.35	1.00	2	11

H. H. Cousins.

Weather Office, Government Laboratory,
Kingston.

No. 308.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

SEPTEMBER, 1904.

METEOROLOGICAL RESULTS.

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 pressure at the Hill Gardens is reduced to the first three standards only. The 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 racto-stratus: the Middle clouds, cumulus; and the Upper clouds, cirrus, or cirro-stratus.

STATION.	Elevation.	Bar: Pressure.		Temperature.					Extreme Temperature.				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	in.	in.	°	°	°	°	°	°		°		
Morant Point Light House	8	...	..	...	...	...	..	...	...	...	...	...	--
Negril Point Light House	33	29.914	29.868	78.9	83.2	86.7	72 7	14.0	89.9	4	70.1	2	19.8
Castleton Gardens .	496	.	...	70.6	81.8	87.4	70.6	16.8	90.	14	67.	1.14	23.
Hope Gardens .	668	29.896	29.839	73.5	81.5	86.6	69.1	17.5	91.	19.20	67.	27	24.
Stony Hill Reformatory .	1,400	...	...	73.3	81.9	87.8	67.6	20.2	90.	*10	65.	10	20.
Hill Gardens .	4,907	25.209	25.181	62.8	65.1	70.6	58.0	12.6	74.	20,21	56.	9.10	18.

STATION.	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.	miles		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Negril Point Light House	33	73.1	82	75.3	77	6.31	201	Var.	5.7	Var.	10.2	0.6	0.9	2.5	1.7	7.4	...
Castleton Gardens .	496	67.	90	73.6	76	8.08	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	668	70.5	90	70.8	96	5.21	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	70.4	90	73.0	74	4.86	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	57.	83	61.	86	5.02	..	...	...	...	...	...	...	...	...	...	...

* And on other days.

RAINFALL FOR SEPTEMBER, 1904.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the date of this report; the last column contains the corresponding Rainfall average for the month, according to tables recently prepared. In obtaining the mean Rainfall for the month from the numbers in the column for the total fall, only those Stations are considered for which the average Rainfall has been also given in the last column, so that the results of these two columns are directly comparable for each Division. These results are reproduced 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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North Eastern Division	25
Northern and Central	22
West Central	26
Southern	27
	100

North-Eastern Division.	September, 1904.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
	In.	In			In.
Hordley	9.15	4.49	5	15	11.02
Manchioneal	6.87	3.75	5	9	10.42
Fair Prospect	..	..	..	...	...
Bath	...	..	..	..	...
Moore Town	13.26	2.65	28	12	15.65
Port Antonio	5.68	1.75	20	11	10.35
Fellowship	5.84	1.10	29	14	13.53
Johnson River Bridge	7.78	2.50	6	12	7.93
Shrewsbury	...	...	...	..	...
Cedar Valley, St. Thos	7.51	2.40	6	6	11.81
Hill Gardens	5.02	1.10	5	15	9.37
Buff Bay	4.02	1.15	5	10	5.80
Bybrook	5.90	3.77	4	4	...
Greenvale	..		...		...
Mt. Holstein	8.74	2.33	5	15	...
Hardware Gap	5.99	...	...	...	9.04
Irish Town	4.34	1.05	17	7	...
Annotto Bay	5.02	2.00	7	6	4.12
Stony Hill Reft.	4.86	1.32	25	12	9.69
Castleton Gardens	8.08	2.33	18	13	10.46
Lawrence Tavern	7.33	2.10	1	6	8.75
Quebec	2.61	0.70	7	7	3.43
Water Valley	5.04	2.00	7	8	4.48
Richmond, St. Mary	4.90	0.90	3	14	5.22
Kendal St. Mary	10.04	..	..	8	...
Gayle, P.W.D.	4.34	1.30	18	9	4.99
Rio Hoe	2.58	0.44	8	11	6.02
Unity Valley	3.48	0.78	30	15	7.84
Moneague	2.81	0.50	30	14	6.84
Claremont	4.07	1.80	4	6	5.40
Albion	4.37	1.16	8	13	6.79
Avernam Park	2.88	1.23	4	8	4.50
Ballintoy	7.97	1.71	25	13	6.77
Means	5.66	...	...	...	8.01

Northern Division.	September, 1904.				
	Total Fall.	Greatest fall in 24 hours		Days on which 0.01 or more fell.	Average
		Amount.	Date.		
	In.	In.			In.
Port Maria	4.42	1.90	7	12	3.54
Ocho Rios	2.91	1.02	4	6	3.17
Drax Hall	3.54	1.8	30	4	3.78
Liberty Hill	1.33	0.44	28	5	...
St. Ann's Bay	2.16	1.30	30	6	2.83
Richmond Estate	...	...	...	...	...
Llandovery	1.19	1.19	29	1	3.37
Southfield	1.38	0.42	28	6	4.14
Brown's Town	2.61	0.77	6	11	4.72
Hyde Park	4.30	1.00	30	7	5.83
Dry Harbour	0.69	0.25	28	4	2.11
Chewmagna	...	...	...	...	...
Home Castle	1.25	0.45	19	7	4.21
Richmond Pen	4.17	0.80	19	13	5.73
Mahogany Hall	3.82	0.96	8	9	6.23
Brampton Bryan	2.60	1.30	25	10	3.81
Bryan Castle	1.70	0.60	25	6	3.31
Braco	0.96	0.42	7	4	3.33
Arcadia	3.18	1.36	25	10	4.08
Harmony Hall	1.37	0.80	25	4	3.59
Lancaster	1.42	0.65	25	9	3.90
Vale Royal	2.32	0.64	24	9	4.59
Colchis Pen	4.00	1.10	8	8	4 81
Hyde	1.92	0.55	25	9	6.07
Georgia	1.00	0.32	24	6	3.84
Long Pond	1.31	0.25	24	6	5.03
Steelfield	1.04	0.30	24	7	4.16
Oxford	1.30	0.65	7	6	3.73
Cambridge	0.97	0.45	7	5	4.47
Lottery	3.08	1.00	7	6	4.93
Falmouth P.W.D.	2.93	1.10	5	7	3.35
Holland Pen	2.98	0.80	7	8	3.64
Golden Grove, Trel.	...	...	...	...	...
Tilston	5.70	1.60	25		6.35
Orange Valley	...	...	...	...	...
Kent	2.60	0.80	18	6	4.38
Dundee	...	...	...	...	...
Phœnix	...	...	...	.	..
Gales Valley	..	...	...	...	
Canaan	5.26	1.90	7	11	7.60
Lima	3.62	1.00	11	8	4.87
Content	3.32	0.70	11	10	4.77
Moor Park	3.13	0.85	7	13	...
Success	4.91	2.00	19	10	3.54
Cinnamon Hill	4.29	2.12	19	8	3.94
Rose Hall	3.70	1.95	19	8	3.60
Running Gut	3.83	1.56	19	9	3.94
Spring	3.15	1.50	19	8	4.98
Ironshore	2.80	1.45	19	6	4.32
Montego Bay	7.99	3.46	7	16	6.95
Fairfield, St. James	8.07	2.25	7	10	7.39
Irwin	3.55	0.60	7	14	...
Anchovy	...	...	...	...	...
Round Hill	4.00	1.50	7	6	5.31
Tryall	...	...	...	...	...
Sandy Bay	8.08	3.00	7	12	6.71
Lucea	7.90	2.17	1	10	6.94

Central Sub-Division	September, 1904. 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.
Headworks, Rio Cobre	6.05	1.85	29	11	6.12
Shanton	7.07	1.45	17	17	...
Linstead	8.06	3.52	30	18	7.87
Berkshire Hall	3.46	1.25	30	6	...
Point Hill	16.87	4.25	30	18	9.82
Carew Castle	17.20	2.00	30	19	
Worthy Park	5.82	1.46	30	9	7.29
Good Hope	...	...	...	...	...
Chapelton	6.47	2.89	30	10	7.54
Lower Chapelton	7.13	2.50	30	12	8.27
Savoy House	5.95	1.88	30	15	...
Mears	16.39	4.00	24	10	...
Cave Valley	6.08	2.11	17	13	7.38
Means	3.89	...	...	...	5.00
West Central Division.					
Mocho	..	...	...	...	...
Baillieston	9.18	2.05	29	14	9.17
Farm Plantation	4.95	1.20	30	6	4.30
Brokenhurst	7.76	2.35	29	11	8.62
Christiana	8.19	1.63	30	13	9.98
Kendal, Manchester	10.46	1.66	24	20	8.94
Mandeville P.W.D	8.89	2.26	29	15	9.96
Carlton, Mandeville	9.06	2.95	29	12	11.11
Fairfield, Manchester	7.00	1.80	29	14	8.07
Fair View	..	...	...	...	
Ulster Spring	4.27	0.65	24	14	7.67
Low River	7.07	2.65	16	12	...
Troy	10.48	2.86	17	15	13.37
Windsor Pen, Trel.	10.47	1.80	30	14	9.04
Balaclava	7.16	1.23	13	14	10.06
Elim	11.87	2.90	17	13	12.90
Siloah	10.54	1.95	7	17	11.39
Appleton Ry. Station	10.61	1.89	6	19	...
Appleton Estate	11.32	2.06	6	22	...
Maggotty	...	...	...	...	...
Spring Vale, St. James	...	...	...	...	...
Kempshot	6.32	1.05	1,6	17	9.64
Kepp	...	...	...	...	...
Kew Park	14.73	2.40	10	22	1.79
Hazelymph	10.91	2.50	1	18	10.01
King Gate	8.10	1.54	7	14	6.59
Darliston	13.55	1.83	8	24	12.84
Whithorn	16.18	2.50	24	26	11.18
Copse	...	...	...	...	...
Great Valley	13.04	4.20	7	10	12.48
Brownsville	12.17	2.01	1	18	12.63
Fontabelle	9.23	1.80	20	18	10.50
Morgan's Bridge	13.63	1.76	5	26	10.68
King's Valley	11.19	1.85	19	21	12.03
King's Vale Police St.	10.00	2.95	24	17	11.02
Means	9.98	...	...	...	9.85

Southern Division.	September, 1904. 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.	4.12	2.35	6	14	7.33
Morant Bay	6.52	1.87	5	10	7.31
Easington	5.33	2.85	7	9	7.74
Bull Bay	5.43	2.15	6	4	4.35
Gordon Town	3.83	1.09	25	9	7.59
Hope Gardens	5.21	1.14	9	12	6.71
Mona	3.09	1.20	6	8	...
Halfway Tree	3.97	1.50	30	9	4.70
Lunatic Asylum	2.61	0.96	30	7	4.26
Public Works Office	5.96	3.77	30	5	4.19
Plumb Point L. H.	3.98	1.48	5	6	3.69
Port Royal N. Hospital	6.50	3.25	30	5	6.20
Ballast Ground	5.46	2.50	30	6	...
Spanish Town	4.47	2.16	30	6	5.12
Hog Hole Pen	6.24	2.04	30	10	6.10
Browns Hall	...	...	...	...	...
Old Harbour	4.90	1.40	30	5	5.90
May Pen	5.17	1.78	30	6	7.24
Denbigh	4.20	1.40	6	4	5.54
Parnassus Est.	...	...	...	...	...
Amity Hall	3.30	1.45	29	7	5.38
New Yarmouth	4.04	1.25	29	5	6.20
Milk River	4.21	1.25	6	7	...
Victoria Town	8.54	4.70	6	5	6.65
Stone's Hope	7.30	3.20	29	8	8.21
Newport, Manchester.	7.00	3.80	29	7	7.38
Alligator Pond	7.10	2.43	29	7	4.93
Potsdam	7.99	2.10	29	12	5.53
Long Hill	4.32	1.23	28	7	8.43
Pepper	...	...	...	...	...
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	9.20	2.17	27	15	6.22
Santa Cruz	9.16	1.35	24	18	10.06
Pedro Plains	4.28	1.40	29	9	5.22
Black River	7.77	1.85	13	15	5.49
Spring Hill	8.77	1.20	17	20	...
Font Hill	6.45	1.65	29	11	6.11
Shrewsbury, Westd.	14.29	2.30	10	18	...
Peter's Ville	8.15	2.14	19	20	8.97
Salem	...	...	...	...	...
Mount Edgecombe	5.02	1.37	19	19	7.78
Bluefields	6.47	0.75	29	17	...
Sweet River	11.22	2.18	20	21	7.56
Cornwall	...	...	...	...	...
Windsor, Sav.-la.-Mar	9.71	3.50	20	20	7.18
Sav.-la-Mar P.W.D.	8.78	2.03	20	20	7.01
Retreat	11.18	1.74	10	18	7.95
Spring Valley	...	...	...	...	...
Negril Point L. H.	6.31	1.22	4	13	6.42
Means	6.42	...	...	...	6.46

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	September.	
	1904.	Average.
	In.	In.
North Eastern Division .	5.66	8.01
Northern .	3.89	5.00
West Central .	9.98	9.85
Southern .	6.42	6.46
Means .	6.49	7.33

The Rainfall for September was therefore below the average for the whole Island. The greatest fall 17.20 in. occurred at Carew Castle in the Central Sub-Division, while 0.69 in. was recorded at Dry Harbour in the Northern Division.

August, 1904.

Weather Report, No. 307. Returns sent up too late for publication in that Report.	Total Fall.	Greatest fall in 24 hours.		Days on which 00.1 or more fell.
		Amount.	Date.	
	In.	In.		
Canaan ...	2.05	1.20	13	6
Lima ...	0.55	0.35	12	3
Success ...	1·00	0.40	17	4
Cinnamon Hill ...	0.85	0.25	12	4
Rose Hall ...	0.65	0.25	12	3
Running Gut ...	1.12	0.61	10	5
Fairfield ...	2.65	0.75	13	6
Round Hill ...	2.60	1.25	13	5
Copse ...	12.10	2.40	29	15

H. H. Cousins.

Weather Office, Government Laboratory,
Kingston.

No. 309.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

OCTOBER, 1904.

METEOROLOGICAL RESULTS.

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 pressure at the Hill Gardens is reduced to the first three standards only. The 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 racto-stratus; the Middle clouds, cumulus; and the Upper clouds, cirrus, or cirro-stratus.

STATION.	Elevation.	Bar. Pressure.		Temperature.					Extreme Temperature.				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	in.	in.	°	°	°	°	°	°		°		
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	...	...
Negril Point Light House	33	29.820	29.767	77.9	82.5	85.1	73 6	11.5	87.9	8.12	70.9	*5	17.0
Castleton Gardens .	496	..	...	71.0	79.7	84.1	71.0	13.1	88.	15	67.	*27	21.
Hope Gardens .	668	29.817	29.769	72.6	79.1	83.9	68.9	15.0	89.	25	63.	5	26.
Stony Hill Reformatory .	1,400	...	...	72.0	76.8	85.6	67.5	18.1	89.	3	65.	25	24.
Hill Gardens .	4,907	25.135	25.112	62.3	64.1	67.1	58.4	8.7	71.	24	57.	17.25	14.

STATION.	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.	miles		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Negril Point Light House	33	74.7	90	76.3	81	5.07	278	E.	9.5	E.SE	12.2	0.6	2.4	3.4	0.6	6.6	2.0
Castleton Gardens .	496	67.4	87	72.9	79	26.67	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	668	69.2	90	72.	79	22.23	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	69.6	85	71.0	82	27.42	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	59.6	86	54.9	70	44.28	...	...	...	...	...	...	...	...	...	...	...

* And on other days.

RAINFALL FOR OCTOBER, 1904.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the date of this report; the last column contains the corresponding Rainfall average for the month, according to tables recently prepared. In obtaining the mean Rainfall for the month from the numbers in the column for the total fall, only those Stations are considered for which the average Rainfall has been also given in the last column, so that the results of these two columns are directly comparable for each Division. These results are reproduced 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. Their relative areas are as follows:—

North Eastern Division	25
Northern and Central	22
West Central	26
Southern	27
	100

North-Eastern Division.	October, 1904. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Hordley	18.00	6.46	14	21	17.14
Manchioneal	17.55	4.83	14	16	20.11
Ecclesdown	24.69	7.57	14	16	...
Fair Prospect	17.54	4.25	14	9	...
Bath	24.88	6.55	14	19	20.78
Moore Town	30.07	11.15	14	19	2.67
Port Antonio	18.97	7.65	14	21	14.33
Fellowship	23.00	9.80	14	20	18.15
Johnson River Bridge	27.20	8.61	4	18	15.11
Shrewsbury	15.22	6.33	14	17	...
Cedar Valley, St. Thos	37.87	12.70	14	19	23.40
Hill Gardens	44.28	13.85	11	23	19.00
Buff Bay	14.91	4.60	14	18	12.06
Bybrook	8.41	3.81	14	19	...
Mt. Holstein	19.59	6.13	15	23	...
Hardware Gap	27.44	...	...	...	18.37
Irish Town	29.04	8.65	14	14	...
Annotto Bay	11.72	4.18	14	17	8.92
Stony Hill Refl.	27.42	6.25	14	23	14.73
Castleton Gardens	26.67	4.90	13	14	15.59
Lawrence Tavern	25.81	8.20	14	12	15.16
Quebec	8.00	1.80	5	13	10.47
Water Valley	13.77	4.50	14	18	10.62
Richmond, St. Mary	14.46	4.17	14	23	11.05
Kendal, St. Mary	12.77	...	...	8	...
Gayle, P.W.D.	7.99	1.47	14	16	9.77
Rio Hoe	11.09	3.72	14	17	9.84
Unity Valley	11.84	3.60	14	22	9.40
Moneague	10.11	2.43	14	22	10.74
Claremont	14.65	3.41	8	10	9.45
Albion	12.60	3.73	14	19	9.16
Avernam Park	12.04	3.39	8	13	9.85
Ballintoy	11.51	3.34	14	16	10.76
Means	19.38	...	...	...	14.01

Northern Division.	October, 1904. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	9.53	3.00	5	14	8.79
Ocho Rios	6.59	2.43	14	13	6.50
Drax Hall	9.26	1.55	2	12	7.57
Liberty Hill	6.66	1.24	7	17	...
St. Ann's Bay	6.29	1.42	7	14	7.65
Richmond Estate	5.56	1.45	14	14	7.89
Llandovery	4.60	1.32	8	6	7.60
Southfield	5.38	1.28	14	16	6.62
Brown's Town	5.33	1.65	14	11	9.58
Hyde Park	11.30	4.40	14	10	10.48
Dry Harbour	3.65	1.30	14	11	5.07
Chewmagna	9.89	3.10	14	16	9.81
Home Castle	4.15	2.40	14	9	7.08
Richmond Pen	7.02	2.00	14	10	8.08
Mahogany Hall	11.04	2.97	14	11	8.22
Brampton Bryan	5.63	1.97	14	10	5.15
Bryan Castle	7.43	2.04	1	13	5.65
Grace	6.83	1.61	14	14	5.35
Arcadia	5.02	1.95	14	12	6.12
Harmony Hall	7.94	1.55	22	12	5.32
Lancaster	7.39	1.67	14	15	5.82
Vale Royal	5.93	1.97	14	15	6.44
Colchis Pen	11.12	3.30	14	10	8.22
Hyde	6.88	2.25	10	12	7.33
Georgia	...	...	...	...	...
Long Pond	...	...	...	...	...
Steelfield	6.34	1.80	14	10	6.02
Oxford	7.51	1.75	14	13	7.01
Cambridge	6.86	2.30	14	10	6.47
Lottery	6.05	2.16	14	10	6.37
Falmouth P.W.D.	8.08	3.00	14	18	5.74
Holland Pen	7.39	2.50	14	9	6.04
Golden Grove, Trel.	...	...	...	...	...
Tilston	6.80	1.50	6	10	7.58
Orange Valley	...	...	...	...	...
Kent	6.00	3.15	13	7	6.70
Dundee	...	...	...	...	...
Phœnix	...	...	...		..
Gales Valley	...	...	...	...	
Canaan	...	...	...	..	..
Lima	...	...	...	...	...
Content	...	...	...	...	...
Moor Park	7.20	3.45	14	19	...
Success	...	...	...	...	...
Cinnamon Hill	...	...	...	...	...
Rose Hall	..	...	...	...	...
Running Gut	...	...	...	...	...
Spring	10.90	4.85	14	12	8.06
Ironshore	...	...	...	...	...
Montego Bay	8.96	4.35	14	13	7.85
Fairfield, St. James	...	...	...	...	...
Irwin	7.85	4.50	14	15	...
Anchovy	...	...	...	...	...
Round Hill	...	...	...	...	...
Tryall	...	...	...	...	...
Sandy Bay	15.12	4.75	11	13	10.24
Lucea	10.72	2.62	19	12	8.52

Central Sub-Division	October, 1904. 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.
Headworks, Rio Cobre	21.37	4.30	14	23	9.98
Shanton	22.30	5.15	14	20	...
Linstead	19.12	3.12	15	18	10.38
Berkshire Hall	10.16	2.50	14	13	...
Point Hill	27.72	8.05	19	18	16.42
Carew Castle	22.26	6.03	17	20	
Worthy Park	14.20	3.43	15	14	10.89
Good Hope	...	...	...	...	...
Chapelton	16.90	4.40	14	23	12.30
Lower Chapelton	18.38	5.01	14	24	13.57
Savoy House	19.93	5.26	14	27	...
Mears	...	...	...	...	...
Cave Valley	13.66	4.29	14	20	9.76
Means	9.42	...	...	...	8.01
West Central Division.					
Mocho	24.89	6.63	14	22	15.90
Baillieston	16.74	4.07	14	23	11.28
Farm Plantation	26.65	8.30	18	18	15.10
Brokenhurst	22.52	7.30	19	20	15.42
Christiana	18.32	4.11	14	19	12.89
Kendal, Manchester	20.83	5.65	14	24	10.99
Mandeville P.W.D	22.29	6.06	14	24	16.66
Carlton, Mandeville	20.15	2.04	15	23	17.28
Fairfield, Manchester	16.38	4.20	19	25	8.96
Fair View	..	...	...	...	
Ulster Spring	14.02	3.70	14	13	10.65
Low River	25.54	6.80	14	20	...
Troy	43.75	11.50	14	19	17.10
Windsor Pen, Trel.	16.89	3.55	14	23	9.41
Balaclava	23.22	7.11	14	19	14.18
Elim	25.89	5.00	14	21	17.61
Siloah	32.40	10.70	14	22	13.44
Appleton Ry. Station	27.19	8.90	14	18	...
Appleton Estate	30.46	8.90	14	23	...
Vauxhall	24.43	5.07	14	24	...
Maggotty	...	...	...	...	...
Spring Vale, St. James	...	...	...	...	...
Kempshot	12.31	5.09	14	21	9.66
Kepp	...	...	...	...	...
Kew Park	18.17	4.15	14	18	11.36
Hazelymph	16.93	3.60	14	15	10.60
King Gate	11.19	3.80	14	13	10.53
Darliston	17.20	4.58	14	18	15.10
Whithorn	19.45	5.30	19	21	12.09
Copse	...	...	...	...	...
Great Valley	13.33	4 20	*13	15	11.92
Brownsville	17.39	2.98	15	18	12.45
Fontabelle	13.94	2.21	31	20	9.34
Morgan's Bridge	12.14	1.82	15	20	13.05
King's Valley	14.95	2.70	23	14	12.16
King's Vale Police St.	12.22	1.98	6	16	11.29
Means	19.41	...	...	...	12.83

Southern Division.	October, 1904. 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.	13.22	3.35	15	22	11.11
Morant Bay	16.93	5.50	12	14	14.18
Easington	28.16	9.90	14	17	14.47
Bull Bay	24.58	10.54	14	16	10·64
Gordon Town	27.41	9.14	14	21	15.77
Hope Gardens	22.23	6.73	14	22	11.13
Mona	22.78	6.75	14	17	...
Halfway Tree	23.29	5.91	14	18	10.52
Lunatic Asylum	17.74	4.37	14	20	6.38
Public Works Office	21.65	4.77	19	21	8.40
Plumb Point L. H.	18.46	4.61	14	21	7.81
Port Royal N. Hospital	20.73	5.50	14	16	5.05
Ballast Ground	22.92	6 50	14	16	...
Spanish Town	27.48	4.32	5	21	9.94
Hog Hole Pen	32.40	5.00	19	28	10.42
Browns Hall	...	...	...	...	...
Bartons	22.34	5.00	19	17	...
Old Harbour	25.31	4.75	2	13	11.02
May Pen	16.37	2.30	7	20	12.19
Denbigh	17.50	3.50	14	16	10.11
Parnassus Est.	...	...	...	...	...
Amity Hall	11.80	3.00	20	14	10.62
New Yarmouth	9.60	2.14	14	12	...
Milk River	12.86	3.43	14	18	...
Victoria Town	16.03	3.50	19	14	10.45
Stone's Hope	21.80	5.40	19	14	14.19
Newport, Manchester	21.09	7.12	19	15	13.26
Alligator Pond	9.38	3.14	15	8	8.75
Potsdam	13.59	2.35	19	20	9.99
Long Hill	24.47	3.84	19	22	12.95
Pepper	23.95	5.50	19	21	13.27
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	21.21	6.06	14	25	11.54
Santa Cruz	...	...	...	...	...
Pedro Plains	10.44	2.10	10	12	6.16
Black River	13.23	3.12	10	20	8.74
Spring Hill	18.33	4.00	14	24	...
Font Hill	13.95	3.00	10	13	10.70
Shrewsbury, Westd.	18.83	5.40	20	17	...
Peter's Ville	16.30	3.33	14	17	11.58
Salem	...	...	...	...	...
Mount Edgecombe	12.77	3 58	19	19	10.28
Bluefields	12.03	3.74	20	11	...
Sweet River	14.68	6.03	20	12	9.70
Cornwall	...	...	...	...	...
Windsor, Sav.-la.-Mar	12.24	3.21	20	17	8.08
Sav.-la-Mar P.W.D.	12.19	3.80	19	16	8.52
Retreat	6.54	1.65	15	15	10.53
Spring Valley	...	...	...	...	...
Negril Point L. H.	5.07	2.00	14	11	8.95
Means	18.12	...	...	...	10.50

*Gauge overflowed.

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	October.	
	1904.	Average.
	In.	In.
North Eastern Division .	19.38	14.01
Northern .	9.42	8.01
West Central .	19.41	12.83
Southern .	18.12	10.50
Means .	16.58	11.34

The Rainfall for October was therefore very much above the average for the whole Island. The greatest fall 44.28 in occurred at Hill Gardens in the North Eastern Division, while 5.07 in. fell at Negril Pt. Light House in the Southern Division.

Three new stations.—Ecclesdown, Vauxhall and Bartons, present records in this issue.

September, 1904.

Weather Report, No. 308. Returns sent up too late for publication in that Report.	Total Fall.	Greatest fall in 24 hours.		Days on which 00.1 or more fell.
		Amount.	Date.	
	In.	In.		
Richmond Estate ...	0.99	0.35	28	5

H. H. Cousins.

Weather Office, Government Laboratory,
Kingston.

No. 310.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

NOVEMBER, 1904.

METEOROLOGICAL RESULTS.

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 pressure at the Hill Gardens is reduced to the first three standards only. The 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 nacto-stratus: the Middle clouds, cumulus; and the Upper clouds, cirrus, or cirro-stratus.

STATION.	Elevation.	Bar. Pressure.		Temperature.					Extreme Temperature.				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	in.	in.	°	°	°	°	°	°		°		
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	...	...
Negril Point Light House	33	29.936	29.872	76.8	83.5	86.4	72 1	14.3	89.6	10	66.8	26	22.8
Castleton Gardens .	496	..	...	69.3	79.7	84.0	69.3	14.7	89.	8	65.	5.8	24.
Hope Gardens .	668	29.918	29.852	69.5	82.8	87.1	63.6	18.5	91.	12	64.	25	27.
Stony Hill Reformatory .	1,400	...	...	71.1	80.0	85.3	66.5	18.8	90.	11.12	63.	25	27.
Hill Gardens .	4,907	25.210	25.182	61.0	64.7	68.7	57.2	11.5	73.	8	55.	*24	18.

STATION.	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.	miles		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Negril Point Light House	33	71.1	82	73.9	73	0.35	235	N.E.	6.0	N.E.	10.0	0.7	1.8	2.2	0.3	3.9	1.9
Castleton Gardens .	496	62.1	78	71.4	76	26.53	...	...	..	...	...	...	...	...	...	...	..
Hope Gardens .	668	65.9	87	71.2	69	2.48	...	...	...	..	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	68.3	90	72.0	76	4.23	...	...	..	...	...	...	...	..	..	...	...
Hill Gardens .	4,907	57.4	86	62.3	93	17.48	...	...	...	...	...	...	...	...	...	...	...

* And on other days

RAINFALL FOR NOVEMBER, 1904.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the date of this report; the last column contains the corresponding Rainfall average for the month, according to tables recently prepared. In obtaining the mean Rainfall for the month from the numbers in the column for the total fall, only those Stations are considered for which the average Rainfall has been also given in the last column, so that the results of these two columns are directly comparable for each Division. These results are reproduced 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. Their relative areas are as follows:—

North Eastern Division	25
Northern and Central	22
West Central	26
Southern	27
	100

North-Eastern Division.	November, 1904. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In			In.
Hordley	8.89	2.10	21	11	10.94
Manchioneal	14.91	5.26	23	10	14.25
Ecclesdown	21.13	3.47	23	18	...
Fair Prospect	6.85	1.78	22	2	...
Bath	...	...	...	...	...
Moore Town	65.06	21.00	26	19	41.14
Port Antonio	15.22	3.80	26	21	16.20
Fellowship	34.93	13.45	26	22	29.16
Johnson River Bridge	...	...	...	...	...
Shrewsbury	41.53	9.62	18	16	...
Cedar Valley, St. Thos	...	...	...	...	...
Hill Gardens	17.48	8.50	16	14	12.58
Buff Bay	23.89	4.75	26	19	16.90
Bybrook	23.87	5.31	29	15	...
Mt. Holstein	34.53	9.62	18	16	...
Hardware Gap	14.20	...	...	...	11.15
Irish Town	5.93	2.50	17	7	...
Annotto Bay	19.35	7.51	26	15	11.65
Stony Hill Reft.	4.28	2.72	17	10	6.73
Castleton Gardens	26.30	7.80	16	15	12.88
Lawrence Tavern	7.59	3.10	18	6	6.87
Quebec	22.82	7.96	27	11	10.40
Water Valley	16.18	4.70	26	13	14.17
Richmond, St. Mary	10.44	4.12	26	18	12.61
Kendal, St. Mary	13.47	..	...	9	...
Gayle, P.W.D.	14.80	3.48	18	13	12.55
Rio Hoe	11.71	4.80	18	13	8.77
Unity Valley	11.33	4.98	17	14	7.74
Moneague	10.42	3.60	17	15	9.01
Claremont	12.63	4.83	18	8	9.79
Albion	10.62	4.65	17	14	9.24
Avernam Park	18.67	6.19	18	16	11.27
Ballintoy	7.80	3.30	18	9	2.96
Means	17.81	...	...	...	12.99

Northern Division.	November, 1904. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average
	In.	In.			In.
Port Maria	19.95	6.00	26	14	10.89
Ocho Rios	10.35	2.90	26	11	9.65
Drax Hall	12.66	3.40	18	6	10.27
Liberty Hill	18.53	5.23	26	14	...
St. Ann's Bay	8.04	2.22	17	9	9.56
Richmond Estate	10.55	3.26	18	10	10.05
Llandovery	14.96	4.78	26	6	9.60
Southfield	17.63	4.60	26	13	14.58
Brown's Town	13.68	3.93	18	15	10.16
Hyde Park	4.40	1.60	16	6	3.95
Dry Harbour	13.31	3.97	18	9	6.77
Chewmagna	4.61	1.75	18	6	10.13
Home Castle	11.70	4.20	18	10	7.64
Richmond Pen	6.40	2.45	17	8	4.90
Mahogany Hall	11.64	5.29	18	10	6.43
Brampton Bryan	9.47	3.54	18	10	5.64
Bryan Castle	15.47	4.41	18	12	6.38
Braco	10.58	3.60	9	7	5.91
Arcadia	10.57	3.00	*17	11	6.52
Harmony Hall	10.00	2.90	18	8	5.76
Lancaster	11.80	3.57	18	8	6.27
Vale Royal	13.07	4.79	18	10	7.27
Colchis Pen	7.40	4.45	18	7	4.96
Hyde	6.31	3.00	18	10	6.31
Georgia	9.23	3.40	18	13	5.87
Long Pond	8.07	3.55	18	13	6.27
Steelfield	9.15	3.95	18	12	6.08
Oxford	10.05	4.90	18	11	5.71
Cambridge	7.12	5.16	18	11	5.91
Lottery	7.25	4.05	18	11	5.35
Falmouth P.W.D.	4.49	2.40	18	12	5.01
Holland Pen	5.97	3.97	18	8	4.86
Golden Grove, Trel.	...	...		...	...
Tilston	15.30	3.60	11	13	6.13
Orange Valley	...	...	...	...	...
Kent	6.05	3.80	18	11	4.97
Dundee	...	...	...	...	...
Phœnix	...	...	...		..
Gales Valley	...	...	...	...	
Canaan	9.32	3.80	18	15	4.89
Lima	9.99	5.00	18	9	6.19
Content	9.00	3.20	18	11	4.76
Moor Park	8.11	2.56	18	15	...
Success	6.60	3.50	18	6	4.67
Cinnamon Hill	7.19	2.66	18	6	4.78
Rose Hall	5.65	2.75	18	6	4.50
Running Gut	6.13	2.77	18	6	4.49
Spring	6.95	3.35	18	6	5.30
Ironshore	...	...	...	...	...
Montego Bay	6.92	2.46	23	10	4.47
Fairfield, St. James	4.50	2.00	18	7	4.62
Irwin	8.35	1.80	18	14	...
Anchovy	...	...	...	...	...
Round Hill	4.15	2.00	18	6	3.79
Tryall	...	...	...	...	...
Sandy Bay	8.02	3.16	28	7	6.03
Lucea	7.32	2.58	28	11	6.35

*Guage overflowed.

Central Sub-Division	November, 1904. 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.
Headworks, Rio Cobre	1.41	0.47	17	6	3.98
Shanton	5.27	1.95	19	10	...
Linstead	6.46	2.00	17	11	5.34
Berkshire Hall	5.65	1.80	17	11	...
Point Hill	6.27	1.64	17	9	6.45
Carew Castle	5.31	1.30	23	10	
Worthy Park	4.53	1.60	29	5	3.46
Good Hope	...	...	...	...	...
Chapelton	2.55	0.82	30	7	3.84
Lower Chapelton	3.06	1.23	30	8	3.44
Savoy House	3.48	1.32	30	8	...
Mears	...	...	...	...	...
Cave Valley	2.67	0.70	29	7	4.52
Means	8.60	...	...	...	6.26
West Central Division.					
Mocho	5.40	2.06	23	10	5.52
Baillieston	1.29	0.40	24	5	3.91
Farm Plantation	4.31	3.30	27	9	5.29
Brokenhurst	...	...	...	...	...
Christiana	2.69	0.76	23	7	5.27
Kendal, Manchester	1.79	0.50	16	6	4.07
Mandeville P.W.D	2.97	1.03	23	17	5.94
Carlton, Mandeville	2.43	1.00	23	11	5.25
Fairfield, Manchester	2.08	1.04	23	7	4.98
Fair View	..	...	...	...	
Ulster Spring	2.96	1.30	17	9	4.91
Low River	3.83	0.72	29	14	...
Troy	4.02	1.98	20	4	4.68
Windsor Pen, Trel.	3.17	1.15	17	9	5.47
Balaclava	...		...	...	...
Elim	1.80	0.50	28	7	7.88
Siloah	3.56	1.38	21	6	5.82
Appleton Ry. Station	2.24	1.15	21	5	...
Appleton Estate	2.58	1.16	21	7	...
Vauxhall	.	...	...	...	...
Maggotty	...	...	...	...	...
Spring Vale, St. James	...	...	...	...	...
Kempshot	5.00	1.28	23	14	6.33
Kepp	...	...	...	...	...
Kew Park	1.26	0.65	23	6	5.09
Hazelymph	4.29	1.65	23	7	5.14
King Gate	3.04	1.10	23	7	4.03
Darliston	1.19	0.63	23	6	6.74
Whithorn	0.67	0.30	13	4	5.59
Copse	...	...	...	...	...
Great Valley	7.41	4.20	*14	11	6.31
Brownsville	7.06	2.43	15	10	5.78
Fontabelle	0.30	0.18	30	3	2.71
Morgan's Bridge	2.10	1.60	30	6	5.06
King's Valley	3.20	1.00	20	6	5.41
King's Vale Police St.	4.91	2.17	14	8	7.23
Means	3.16	...	...	...	5.38

Southern Division.	November, 1904. 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.	6.32	1.68	22	16	6.43
Morant Bay	...	...	...	...	...
Easington	...	...	...	...	...
Bull Bay	1.03	0.68	17	2	2.37
Gordon Town	6.22	2.57	17	9	6.46
Hope Gardens	2.48	1.12	17	7	5.10
Mona	2.76	1.70	18	4	...
Halfway Tree	1.05	0.55	18	3	2.69
Lunatic Asylum	0.22	0.16	17	2	1.86
Public Works Office	0.30	0.23	18	3	2.42
Plumb Point L. H.	0.39	0.27	17	2	2.32
Port Royal N. Hospital	0.60	0.40	18	3	2.04
Ballast Ground	1.12	0 67	18	2	...
Spanish Town	2.56	2.21	18	2	2.97
Hog Hole Pen	2.80	1.50	19	4	3.58
Browns Hall	...	...	...	...	...
Bartons	2.31	0.59	30	6	...
Old Harbour	1.80	1.30	18	2	3.91
May Pen	1.06	0.43	21	7	3.44
Denbigh	1.20	0.50	19	3	4.43
Parnassus Est.	...	...	...	...	...
Amity Hall	...	...	...	...	...
New Yarmouth	0.40	0.25	22	2	1.52
Milk River	1.05	0.30	13	7	...
Victoria Town	4.46	1.59	23	5	3.45
Stone's Hope	3.71	3.00	23	4	4.87
Newport, Manchester.	2.47	1.54	23	4	5.70
Alligator Pond	0.61	0.61	23	1	3.01
Potsdam	2.49	1.01	27	9	5.68
Long Hill	3.61	1.58	23	5	5.32
Pepper	2.45	1.05	23	4	5.21
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	2.96	1.34	13	9	6.92
Santa Cruz	...	...	...	...	...
Pedro Plains	...	...	...	...	...
Black River	...	...	...	...	...
Spring Hill	2.82	2.03	21	7	...
Font Hill	2 35	1.20	29	4	5.62
Shrewsbury, Westd.	4.62	1.70	30	8	...
Peter's Ville	1.88	0.85	23	8	6.72
Salem		...	...	...	...
Mount Edgecombe	0.86	0 23	14	8	5.01
Bluefields	1.39	0.75	18	5	...
Sweet River	0.62	0.30	13	3	3.61
Cornwall	...	...	...	...	...
Windsor, Sav.-la.-Mar	0.48	0.21	23	4	3.63
Sav.-la-Mar P.W.D.	0.52	0.26	23	6	3.00
Retreat	1.21	0.95	21	4	4.73
Spring Valley	...	...	...	...	...
Negril Point L. H.	0.35	0.20	24	2	3.27
Means	1.92	...	...	...	4.11

*Gauge overflowed.

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	November.	
	1904.	Average.
	In.	In.
North Eastern Division	17.81	12.99
Northern	8.60	6.26
West Central	3.16	5.38
Southern	1.92	4.11
Means	7.87	7.19

The Rainfall for November was therefore above the average for the whole Island. The greatest fall 65·06 in. occurred at Moore Town in the North-Eastern Division, while 0.22 in. occurred at Lunatic Asylum in the Southern Division.

Earthquakes.

Station.	Div.	Date	Time.
Liberty Hill	Northern	25	10.35 a.m.
Windsor Pen	West central	25	10.40 "
Long Hill	Southern	25	10.30 "

October, 1904.

Weather Report. No. 308. Returns sent up too late for publication in that Report.	Total Fall.	Greatest fall in 24 hours.		Days on which 00.1 or more fell.
		Amount.	Date.	
	In.	In.		
Canaan ...	9.02	3.12	14	15
Lima ...	8.22	3.00	14	9
Success ...	7.60	4.50	14	9
Cinnamon Hill ...	8.96	4.30	14	9
Rose Hall ...	8.68	4.60	14	11
Running Gut ...	9.74	4.47	14	11
Fairfield ...	6.77	3.65	14	8
Round Hill ...	5.75	3.15	14	6

H. H. Cousins.
(per H. S. H.)

Weather Office, Government Laboratory,
Kingston.

No. 311.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

DECEMBER, 1904.

METEOROLOGICAL RESULTS.

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 pressure at the Hill Gardens is reduced to the first three standards only. The 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 cirro-stratus; the Middle clouds, cumulus; and the Upper clouds, cirrus, or cirro-stratus.

STATION.	Elevation.	Bar. Pressure.		Temperature.					Extreme Temperature.				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	in.	in.	°	°	°	°	°	°		°		
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	...	...
Negril Point Light House	33	29.990	29.933	73.8	81.9	85.1	70 3	14.8	87.6	2	65.9	31	21.7
Castleton Gardens .	496	..	...	67.2	79.4	82.9	67.2	15.7	85.	26,27	60.	8	25.
Hope Gardens .	668	29.935	29.905	65.8	81.3	85.6	65.9	19.7	89.	17	61.	*7	28.
Stony Hill Reformatory .	1,400	...	...	68.7	80.5	85.7	64.4	21.3	88.	*15	61.	9	27.
Hill Gardens .	4,907	25.234	25.231	59.8	65.9	68.9	56.3	12.6	70.	20	55.	27	15.

STATION.	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.	miles		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	-	...	...	...	...	...
Negril Point Light House	33	69.6	86	71.6	72	4.64	218	N.E.	5.6	N.E.	9.0	0.3	1.8	3.1	0.3	4.6	1.3
Castleton Gardens .	496	66.1	96	71.2	76	9.80	...	...	..	...	...	...	...	...	...	...	...
Hope Gardens .	668	63.8	93	80.1	96	2.24	...	...	...	...	...	..	...	...	...	...	...
Stony Hill Reformatory .	1,400	66.2	91	71.5	74	1.87	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	50.2	72	63.0	93	8.35	...	...	...	...	...	...	...	...	...	...	...

* And on other days

RAINFALL FOR DECEMBER, 1904.

THE first four columns contain all the information relating to the Rainfall for the month received for publication up to the date of this report; the last column contains the corresponding Rainfall average for the month, according to tables recently prepared. In obtaining the mean Rainfall for the month from the numbers in the column for the total fall, only those Stations are considered for which the average Rainfall has been also given in the last column, so that the results of these two columns are directly comparable for each Division. These results are reproduced 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. Their relative areas are as follows:—

North Eastern Division	25
Northern and Central	22
West Central	26
Southern	27
	100

NORTH-EASTERN DIVISION.	DECEMBER, 1904. 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.
Hordley	5.09	1.30	24	15	8.73
Manchioneal	7.60	2.20	12	18	8.36
Ecclesdown	11.01	1.56	12	22	...
Fair Prospect	7.47	1.50	23	11	8.39
Bath	4.34	1.10	19	12	8.80
Moore Town	19.12	4.10	21	18	29.76
Port Antonio	8.85	2.00	23	23	13.45
Fellowship	14.19	2.50	17	28	19.67
Johnson River Bridge	2.33	0.54	17	6	4.12
Shrewsbury	13.49	3.17	18	20	...
Cedar Valley, St. Thos	3.33	1.54	22	7	5.41
Hill Gardens	8.35	4.96	21	14	11.17
Buff Bay	10.47	2.40	23	20	13.58
Bybrook	15.98	3.70	23	20	...
Mt. Holstein	13.96	7.22	22	21	18.87
Hardware Gap	6.76	...	...	...	7.92
Irish Town	2.45	1.60	23	4	...
Annotto Bay	6.82	1.30	23	15	11.11
Stony Hill Reft.	1.87	0.88	22	7	4.28
Castleton Gardens	9.80	4.15	21	9	13.10
Lawrence Tavern	2.17	0.87	23	4	4.75
Quebec	8.06	1.60	18	15	9.74
Water Valley	7.94	1.90	18	16	11.52
Richmond, St. Mary	7.20	1.75	18	19	12.08
Kendal, St. Mary	13.68	..	...	...	...
Gayle, P.W.D.	6.36	1.35	18	12	11.61
Rio Hoe	5.69	2.20	22	10	9.61
Unity Valley	4.15	1.82	22	14	7.95
Moneague	3.96	1.80	22	12	8.13
Claremont	3.27	2.20	24	3	10.10
Albion	4.11	1.48	22	13	8.55
Averham Park	6.44	2.61	22	12	11.20
Ballintoy	2.02	1.11	22	6	5.05
Means	6.85	...	...	...	10.61

NORTHERN DIVISION.	DECEMBER, 1904. 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	7.59	2.20	24	15	8.59
Ocho Rios	3.74	1.20	19	7	6.60
Drax Hall	7.56	1.83	17	9	8.99
Liberty Hill	5.78	0.79	20	16	...
St. Ann's Bay	4.15	0.85	18	11	7.84
Richmond Estate	5.61	1.32	19	12	9.54
Llandovery	4.19	1.03	19	6	10.70
Southfield	6.13	1.06	23	13	15.22
Brown's Town	5.69	2.00	22	9	9.95
Hyde Park	1.00	0.50	24	3	3.41
Dry Harbour	3.77	1.32	17	8	6.71
Chewmagna	2.43	1.10	22	5	3.34
Home Castle	4.20	1.10	22	8	8.27
Richmond Pen	2.80	1.35	19	3	5.02
Mahogany Hall	2.72	1.03	22	4	6.52
Brampton Bryan	3.49	1.00	18	7	6.02
Bryan Castle	4.17	0.90	17	11	6.83
Braco	3.37	0.70	17	10	6.14
Arcadia	3.30	0.87	23	6	7.33
Harmony Hall	2.88	0.80	17	13	6.57
Lancaster	3.54	0.75	23	7	6.89
Vale Royal	3.80	1.12	23	7	8.34
Colchis Pen	3.00	2.50	23	2	4.80
Hyde	2.32	0.60	23	10	6.53
Georgia	1.90	0.44	18	9	7.06
Long Pond	2.66	0.90	18	9	6.08
Steelfield	2.05	1.00	23	5	6.86
Oxford	3.30	1.20	20	10	6.80
Cambridge	2.65	1.20	18	7	6.67
Lottery	2.13	0.80	18	7	5.91
Falmouth P.W.D.	2.49	0.92	17	10	5.53
Holland Pen	2.21	0.58	18	5	5.23
Golden Grove, Trel.	...	...	...	...	...
Tilston	...	...	...	...	...
Orange Valley	...	...	...	...	...
Kent	2.55	0.45	16	6	5.50
Dundee	...	...	...	...	...
Phœnix	...	...	...	..	...
Gales Valley	...	...	...	...	..
Canaan	...	...	...	...	...
Lima	2.03	0.80	20	6	4.48
Content	2.50	0.60	18	7	5.59
Moor Park	3.02	1.25	20	9	...
Success	1.75	0.50	17	5	4.37
Cinnamon Hill	1.82	1.50	20	4	5.61
Rose Hall	2.10	0.80	17	6	5.51
Running Gut	2.49	1.00	17	6	5.83
Spring	2.30	1.10	17	6	5.05
Ironshore	...	...	...	...	...
Montego Bay	1.87	0.84	17	6	5.20
Fairfield, St. James	1.70	0.50	22	4	4.59
Irwin	3.15	0.85	20	6	...
Anchovy	...	...	...	...	...
Round Hill	1.45	0.80	20	3	3.18
Tryall	...	...	...	...	...
Sandy Bay	2.02	0.65	20	14	3.61
Lucea	2.32	0.83	20	11	4.03

Central Sub-Division	December, 1904. 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.
Headworks, Rio Cobre	2.04	0.64	3	12	1.96
Shanton	4.87	2.15	2	8	...
Linstead	2.94	1.00	9	6	3.63
Berkshire Hall	2.65	1.15	22	4	...
Point Hill	7.29	2.58	23	9	4.91
Carew Castle	2.50	1.00	23	5	..
Worthy Park	2.41	1.77	23	3	2.49
Good Hope	...	...	...	...	...
Chapelton	2.23	0.62	23	7	2.38
Lower Chapelton	3.91	1.04	12	7	2.38
Savoy House	3.26	0.87	10	9	...
Mears	...	...	...	...	...
Cave Valley	1.06	0.60	19	4	6.22
Means	3.13	...	...	...	2.62
West Central Division.					
Mocho	...	...	...	...	...
Baillieston	...	...	...	...	...
Farm Plantation	...	...	...	...	...
Brokenhurst	...	...	...	...	...
Christiana	1.60	0.50	10	10	3.53
Kendal, Manchester	2.86	1.30	19	6	2.46
Mandeville P.W.D	1.91	0.73	23	11	3.37
Carlton, Mandeville	...	..	..	...	...
Fairfield, Manchester	1.01	0.53	23	4	2.54
Fair View	...	...	...	...	...
Ulster Spring	2.09	1.11	23	4	4.51
Low River	2.11	0.60	23	11	...
Troy	4.40	2.47	4	3	3.76
Windsor Pen, Trel.	2.64	0.94	19	5	4.99
Balaclava	2.46	2.15	10	9	2.72
Elim	1.67	0.90	1	4	3.60
Siloah	3.80	1.50	10	6	3.32
Appleton Ry. Station	4.66	2.40	11	6	...
Appleton Estate	5.07	1.21	11	9	...
Vauxhall	...	...	...	...	...
Maggotty	...	...	...	...	...
Spring Vale, St. James	...	...	...	...	...
Kempshot	3.34	0.85	24	9	5.58
Kepp	...	...	...	...	...
Kew Park	...	...	...	...	...
Hazelymph	3.86	1.33	17	9	2.53
King Gate	1.85	0.84	17	5	4.11
Darliston	5.34	1.93	17	11	3.48
Whithorn	7.79	2.80	17	9	3.30
Copse	...	...	...	...	...
Great Valley	...	...	...	...	...
Brownsville	4.78	1.05	20	12	3.54
Fontabelle	...	...	...	...	...
Morgan's Bridge	6.58	3.00	17	10	3.12
King's Valley	4.35	3.25	16	4	3.25
King's Vale Police St.	2.41	0.76	19	7	3.18
Means	3.41	...	...	...	3.52

Southern Division.	December, 1904. 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.	4.85	0.84	25	18	6.37
Morant Bay	2.46	0.50	17	11	4.26
Easington	1.52	0.50	22	5	2.89
Bull Bay	0.55	0.45	23	2	1.35
Gordon Town	3.55	1.04	3	9	3.53
Hope Gardens	2.24	0.50	3	13	2.76
Mona	3.12	0.75	12	10	...
Halfway Tree	2.01	0.79	1	12	1.96
Lunatic Asylum	2.38	0.78	23	8	1.72
Public Works Office	2.61	1.18	23	8	1.75
Plumb Point L. H.	0.26	0.20	22	2	1.53
Port Royal N. Hospital	...	..	...	...	...
Ballast Ground	1.69	0 83	2	6	...
Spanish Town	1.33	0.74	23	5	2.12
Hog Hole Pen	1.05	0.60	17	2	2.96
Browns Hall	...	...	...	...	...
Bartons	...	...	...	...	...
Old Harbour	1.55	1.10	23	2	2.74
May Pen	0.52	0.15	2.	5	1.78
Denbigh	...	...	...	...	...
Parnassus Est.	...	...	...	...	...
Amity Hall	0.00	0.00	...	...	1.22
New Yarmouth	0.50	0.50	3	1	1.52
Milk River	1.40	0.76	23	7	...
Victoria Town	0.77	0.45	19	3	2.55
Stone's Hope	0.80	0.35	12	3	2.72
Newport, Manchester.	3.05	1.08	23	5	3.60
Alligator Pond	0.93	0.57	6	2	2.20
Potsdam	1.24	0.43	20	6	2.55
Long Hill	2.75	1.11	30	11	3.25
Pepper	2.50	1.50	30	4	2.88
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	1.41	0.35	30	10	2.00
Santa Cruz	1.31	0.50	23	8	2.86
Pedro Plains	0.33	0.33	21	1	...
Black River	2.81	1.07	2	8	2.36
Spring Hill	2.33	0.71	2	10	...
Font Hill	4 05	2.30	2	5	2 28
Shrewsbury, Westd.	3.82	2.20	17	5	...
Peter's Ville	4.80	1.07	4	14	2.71
Salem	...	...	...	...	...
Mount Edgecombe	2.55	0 62	18	15	2.43
Bluefields	2.46	0.72	10	5	...
Sweet River	3.87	2.11	17	7	2.56
Cornwall	...	...	...	...	...
Windsor, Sav.-la.-Mar	4.12	1.78	17	6	3.22
Sav.-la-Mar P.W.D.	4.09	1.70	4	6	2.40
Retreat	7.30	4.20	17	7	2.45
Spring Valley	...	...	...	...	...
Negril Point L. H.	4.64	2.35	17	4	2.10
Means	2.36	...	...	...	2.28

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	December.	
	1904.	Average.
	In.	In.
North Eastern Division .	6.85	10.61
Northern .	3.13	5.95
West Central .	3.41	3.52
Southern .	2.36	2.28
Means .	3.94	5.59

The Rainfall for December was therefore very much below the average for the whole Island. The greatest fall 19·12 in. occurred at Moore Town in the North-Eastern Division, while no rain was recorded at Amity Hall in the Southern Division.

The Rainfall over the Island.

From about 129 "average" Stations.

1904.	Rainfall Divisions.				The Island.
	NE	N	WC	S	
	In.	In.	In.	In.	In.
January ...	5.88	2.60	3.01	2.17	3.42
February ...	8.45	4.19	3.13	2.86	4.66
March ...	6.07	3.18	11.37	6.74	6.68
April ...	4.11	4.18	10.26	5.10	5.91
May ...	6.91	7.33	9.55	6.26	7.51
June ...	18.27	11.61	17.62	13.31	15.20
July ...	5.71	2.34	5.77	3.21	4.26
August ...	7.02	3.25	7.73	3.88	5.47
September ...	5.66	3.89	9.98	6.42	6.49
October ...	19.38	9.42	19.41	18.12	16.58
November ...	17.81	8.60	3.16	1.92	7.87
December ...	6.85	3.13	3.41	2.36	3.94
Total ...	112.12	63.72	104.40	72.35	87.99

H. H. Cousins.

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