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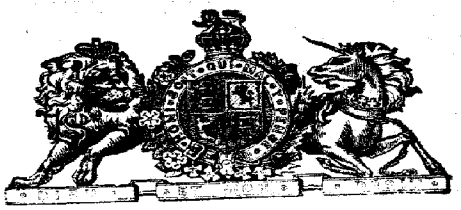

JAMAICA

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WEATHER REPORT

FOR THE MONTH OF

JANUARY, 1906.

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	29.990	29.933	71.1	80.4	84.2	68.2	16.0	89.0	6	64.0	25	25.0
Castleton Gardens	496	..	...	64.4	79.5	82.3	64.6	17.7	86	3, 4	58	22	28.
Hope Gardens	668	30.002	29.902	65.5	79.3	84.0	65.2	18.8	89	10	60	22	29.
Stony Hill Reformatory	1,400	...	...	66.9	76.6	82.0	62.4	19.6	86	*3	60	*10	26.
Hill Gardens	4,907	25.241	25.238	58.0	63.4	67.3	53.9	11.4	70	*3	51	1, 25	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	66.4	85	70.4	72	4.22	259	N. E. by E.	9.6	N. E. by E.	13.5	2.2	1.4	1.6	2.8	3.0	0.4
Castleton Gardens	496	62.5	93	70.3	74	3.12	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens	668	61.3	87	66.9	68	1.74	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory	1,400	64.1	90	70.5	81	1.59	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens	4,907	52.4	80	58.3	86	4.46	...	...	...	...	...	...	...	...	...	...	...

* 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, 1906.

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.	JAN. 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In			In.
Hordley	...	...	...		...
Manchioneal	..	...	...	...	...
Ecclesdown	..	...	...	...	...
Fair Prospect	...	...	...	...	...
Bath	8.11	1.25	16	15	6.18
Moore Town	..	...	...	...	...
Port Antonio	...	...	...	...	...
Fellowship	...	...	...	...	...
Johnson River Bridge	6.40	1.25	30	17	3.57
Shrewsbury	...	...	...	...	...
Cedar Valley, St. Thos	5.89	1.45	29	17	4.14
Farm Hill	...	..	...	...	...
Hill Gardens	4.46	0.95	13	14	7.06
Buff Bay	8.89	2.32	29	14	9.56
*Greenvale	7.85	1.14	25	22	...
Mt. Holstein	5.94	1.53	26	21	13.02
Hardware Gap	1.02	...	...	..	4.82
Irish Town	1.31	0.50	13	3	...
Annotto Bay	...	...	...	...	...
Stony Hill Reft.	1.59	0.35	17	11	7.61
Castleton Gardens	3.12	1.35	30	8	9.50
Lawrence Tavern	1.35	0.45	30	7	2.02
Quebec	...	...	...	...	...
Water Valley	6.97	1.56	28	15	8.41
Agualta Vale	6.68	2.90	30	13	...
Richmond, St. Mary	3.91	0.69	25	11	6.02
Kendal, St. Mary	3.00	1.13	30	4	...
Gayle, P.W.D.	...	...	...	...	...
Rio Hoe	2.67	0.73	27	10	5.38
Unity Valley	1.50	0.30	27	11	4.73
Moneague	2.26	0.40	27	14	4.08
Claremont	3.48	1.00	25	6	6.92
Albion	2.54	0.50	30	12	5.15
Averham Park	4.28	0.95	30	16	6.90
Means	4.13	...	...	...	6.39

* Gauge at Bybrook removed to Greenvale.

NORTHERN DIVISION.	JAN. 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell	Average
	In.	In.			In.
Port Maria	6.74	1.38	30	14	6.75
Ocho Rios	...	...	...	...	...
Drax Hall	5.47	1.90	29	9	4.86
Liberty Hill	5.36	1.78	29	12	...
St. Ann's Bay	4.51	1.41	29	13	4.98
Richmond Estate	...	...	...	...	...
Llandovery	5.29	2.36	29	5	6.76
Southfield	5.64	2.12	28	12	11.59
Brown's Town	3.78	0.96	27	10	5.23
Hyde Park	2.38	0.80	10	6	2.32
Dry Harbour	...	...	...	...	...
Chewmagna	2.53	0.80	28	12	2.82
Home Castle	4.45	1.80	27	5	5.39
Richmond Pen	4.45	1.80	27	5	3.55
Mahogany Hall	6.93	2.72	27	9	4.69
Brampton Bryan	3.95	1.28	28	7	4.13
Bryan Castle	5.10	1.75	27	11	4.62
Braco	5.29	1.65	28	10	4.20
Arcadia	2.56	1.10	27	8	4.39
Harmony Hall	4.20	1.20	30	10	4.61
Lancaster	...	...	...	...	...
Vale Royal	2.69	0.80	27	10	4.95
Colchis Pen	4.66	1.80	28	6	3.24
Hyde	...	...	...	...	...
Georgia	2.49	0.85	27	6	3.95
Long Pond	2.50	1.00	27	5	5.51
Steelfield	...	...	...	...	...
Oxford	...	...	...	...	...
Cambridge	2.40	0.70	28	7	4.43
Lottery	2.51	0.85	27	7	3.99
Falmouth P.W.D.	4.81	1.79	29	10	3.59
Holland Pen	2.62	0.67	12	7	2.89
Tilston	...	...	...	...	...
Kent	...	...	...	...	...
Dundee	...	...	...	...	...
Phœnix	...	...	...	...	...
Gales Valley	...	...	...	...	...
Canaan	...	...	...	...	...
Lima	2.56	0.70	27	5	2.74
Content	3.67	1.10	28	7	4.48
Moor Park	3.47	1.68	27	10	4.82
Success	2.90	0.90	12	7	3.95
Cinnamon Hill	3.10	1.00	30	6	3.54
Rose Hall	2.85	1.35	30	6	3.46
Running Gut	4.44	1.33	12	6	3.58
Spring	...	...	...	...	...
Ironshore	...	...	...	...	...
Montego Bay	0.95	0.55	30	7	2.88
Fairfield, St. James	1.75	0.75	30	3	3.15
Irwin	1.95	0.75	30	5	...
Anchovy	...	...	...	...	...
Round Hill	1.50	0.80	30	4	2.43
Sandy Bay	2.23	1.12	30	6	3.95
Lucea	3.72	1.48	30	9	3.20
Westfield	6.85	3.00	27	9	...

Central Sub-Division	Jan., 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Headworks, Rio Cobre	1.86	1.00	13	9	1.81
Shanton	2.60	0.76	13	10	...
Linstead	1.86	0.26	25	16	2.10
Berkshire Hall	1.06	0.20	21,25	8	2.24
Point Hill	5.54	1.50	22	11	2.69
Carew Castle	1.34	1.04	16	8	..
Worthy Park	1.30	0.35	27	8	2.01
Good Hope	...	...	...	...	...
Chapelton	1.75	0.45	31	10	2.36
Danks Works	1.91	0.75	31	14	...
Savoy House	2.46	1.45	31	12	2.66
Mears		...	...	...	...
Cave Valley	1.80	0.40	29	8	2.34
Means	3.38	...	...	...	3.97
West Central Division.					
Mocho	2.43	0.67	31	13	...
Baillieston	5.83	0.90	29	18	2.65
Farm Plantation	2.04	0.70	16	12	2.86
Brokenhurst	...	...	...	...	...
Christiana	2.69	0.70	28	11	2.45
Kendal, Manchester	2.60	1.00	16	4	2.28
Marshalls Pen	3.52	0.55	16	4	...
Mandeville, P.W.D	4.04	1.16	16	16	2.51
Carlton, Mandeville	2.78	1.16	16	15	3.07
Fairfield, Manchester	2.33	0.30	16	12	2.90
Ulster Spring	4.67	0.90	27	9	3.12
Low River	3.80	0.80	27	8	...
Troy	2.60	0.53	12	11	2.18
Windsor Pen, Trel.	3.54	1.60	27	8	3.21
Balaclava	2.35	1.00	26	9	1.85
Elim	...	...	...	...	...
Siloah	2.74	1.25	26	8	2.49
Appleton Ry. Station	...	...	...	...	...
Appleton Estate	3.58	0.95	26	10	...
Vauxhall	2.71	0.85	26	10	...
Kempshot	2.74	1.41	19	8	4.24
Kew Park	4.07	1.76	21	8	2.44
Hazelymph	1.68	0.30	19	10	2.36
King Gate	3.26	1.57	27	6	4.03
Darliston	4.16	0.75	8	14	3.12
Whithorn	3.36	0.50	30	13	2.41
Copse	...	...	...	...	...
Great Valley	2.59	0.55	27	6	4.72
Brownsville	5.15	1.62	12	11	4.65
Fontabelle	3.51	1.50	27,28	10	2.17
Morgan's Bridge	3.75	1.12	17	12	2.03
King's Valley	3.25	2.72	27	4	2.59
King's Vale Police St.	3.62	1.55	27	9	3.64
Means	3.31	...	...	...	2.92

Southern Division.	Jan., 1906. 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.	7.27	3.02	31	18	4.14
East Prospect	6.53	1.80	30	11	...
Morant Bay	5.18	1.07	30	17	2.68
Easington	3.29	1.10	29	12	1.62
Bull Bay	1.15	0.52	29	6	0.79
Gordon Town	1.25	0.83	13	9	2.12
Hope Gardens	1.74	0.94	13	12	1.71
Mona	1.95	1.35	13	2	...
Halfway Tree	1.59	0.90	13	8	0.96
Lunatic Asylum	0.94	0.37	26	5	0.68
Public Works Office	0.74	0.20	13	10	1.04
Plumb Point L. H.	0.87	0.39	26	6	0.81
Ballast Ground	0.12	0.10	29	2	...
Spanish Town	3.57	1.35	26	7	1.53
Hog Hole Pen	4.21	3.04	13	6	1.64
Browns Hall	1.31	0.30	30	6	1.80
Old Harbour	1.90	1.50	13	4	1.99
May Pen	1.40	0.25	30	10	1.30
Denbigh	...	...	...	...	...
Amity Hall	...	...	...	...	...
New Yarmouth	0.90	0.25	30	6	1.15
Milk River	1.34	0.23	26	10	...
Victoria Town	1.36	0.78	16	3	1.76
Stone's Hope	2.43	1.02	16	11	2.74
Newport, Manchester	2.09	0.50	18	11	2.39
Alligator Pond	2.08	1.00	27	3	1.42
Potsdam	3.10	0.55	29	13	2.31
Long Hill	2.39	0.50	13	9	2.41
Pepper	3.10	1.20	26	8	2.11
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	2.53	1.02	11	9	2.72
Santa Cruz	2.25	1.45	26	6	2.99
Pedro Plains	2.52	0.72	29	5	1.98
Black River	2.06	0.81	26	5	1.61
Spring Hill	2.52	0.75	26	10	...
Font Hill	4.50	1.80	29	6	2.05
Shrewsbury, Westd.	...	...	...	...	...
Peter's Ville	3.94	1.65	26	10	2.22
Mount Edgecombe	2.74	0.91	8	10	2.04
Bluefields	7.09	1.30	8	8	4 39
Sweet River	2.41	0.48	17	8	1.99
Windsor, Sav.-la.-Mar	2.85	0.85	19	9	1.91
Sav.-la-Mar, P.W.D.	2.44	0.73	19	10	1.80
Retreat	2.54	1.09	27	7	1.63
White Hall	4.84	2.71	27	8	1.50
Negril Point L. H.	4.22	2.10	27	8	1.50
Means	2.67	...	...	...	1.94

* The gauge at Lower Chapelton removed to Danks Works.

NOTES.

Comparative Table of Rainfall.

(based upon the "Average" Stations only.)

	January.	
	1906.	Average.
	In.	In.
North Eastern Division .	4.13	6.39
Northern .	3.38	3.97
West Central .	3.31	2.92
Southern .	2 67	1.94
Means .	3.37	3.81

The Rainfall for January was therefore below the average for the whole Island. The greatest fall 8.89 in. occurred at Buff Bay in the North-Eastern Division while the least .12 in. occurred at Ballast Ground in the Southern Division.

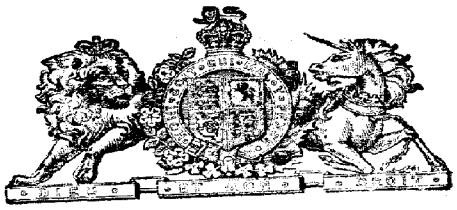
December, 1905.

Weather Report No. 324. 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.		In.
Harmony Hall .	6.02	1.95	12	9
Mocho .	7.28	1.91	1	21
Great Valley .	6.27	2.40	10	11
Vauxhall .	1.96	0.89	1	6
Westfield .	5.07	0.86	1	11

H. H Cousins.

Weather Office, Government Laboratory,
Kingston.

No. 325.



JAMAICA

WEATHER REPORT

FOR THE MONTH OF

FEBRUARY, 1906.

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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	30.003	29.957	70.4	80.7	83.4	68.5	14.9	87.9	11	64.9	*20	23.0
Castleton Gardens .	496	..	...	64.6	78.1	82.4	68.6	13.8	85	11, 21	60	*3	25.0
Hope Gardens .	668	29.936	29.913	65.7	79.5	84.5	64.4	20.1	88	13, 20	61	26	27.
Stony Hill Reformatory .	1,400	...	...	67.4	76.8	82.4	62.5	19.9	85	*11	60	1	25.
Hill Gardens .	4,907	25.235	25.215	56.9	62.6	66.0	53.7	12.3	69	20	52	*1	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	67.3	90	70.0	70	2.05	211	N. E.	6.1	N. E.	11.2	1.1	3.5	0.7	1.0	4.6	1.1
Castleton Gardens .	496	62.7	93	71.0	79	5.45	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	668	62.6	90	68.8	69	1.96	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	64.6	90	71.0	82	2.83	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	52.8	86	60.7	93	2.22	...	...	...	...	...	...	...	...	...	...	...

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West Central – –	26
Southern – – –	27
	100

NORTH-EASTERN DIVISION.	FEB. 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Hordley	...	...	...		...
Manchioneal	11.32	3.05	26	9	7.00
Ecclesdown	22.83	3.83	27	21	...
Fair Prospect	...	...	...	...	...
Bath	4.19	0.98	26	12	5.06
Moore Town	15.60	...	...	...	14.60
Port Antonio	7.02	1.51	23	10	6.26
Fellowship	15.26	3.05	3	14	11.41
Johnson River Bridge	2.03	0.72	26	9	2.36
Shrewsbury	7.45	2.05	24	14	10.77
Cedar Valley, St. Thos	4.58	1.27	8	9	3.14
Farm Hill	...	...	...	...	...
Hill Gardens	2.22	0.65	5	10	4.11
Buff Bay	7.16	3.15	24	11	8.35
Greenvale	7.51	4.47	24	14	...
Mt. Holstein	4.87	1.45	25	20	4.88
Hardware Gap	0.95	...	...	...	3.53
Irish Town	4.94	1.65	9	6	1.79
Annotto Bay	...	...	...	...	...
Stony Hill Reft.	2.83	0.60	5	11	2.14
Castleton Gardens	5.45	1.57	24	12	4.75
Lawrence Tavern	5.88	4.10	4	5	2.51
Quebec	...	...	...	...	...
Water Valley	5.52	3.26	24	8	6.65
Agualta Vale	5.72	.50	24	7	...
Richmond, St. Mary	6.39	3.27	24	14	5.00
Kendal, St. Mary	4.00	1.15	4	6	...
Gayle, P.W.D.	5.13	1.65	24	11	5.88
Rio Hoe	6.28	2.08	27	9	3.96
Unity Valley	6.40	2.06	8	12	3.45
Moneague	6.95	2.65	8	11	4.04
Claremont	..	...	...	...	...
Albion	6.18	1.48	5	15	3.60
Averham Park	4.32	1.23	27	14	4.46
Means	6.11	...	...	...	5.40

NORTHERN DIVISION.	FEB. 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	...	...0	...	...	...
Ocho Rios	4.20	2.45	8	3	4.08
Drax Hall	5.86	3.3	7	5	4.41
Liberty Hill	5.41	3.15	8	5	...
St. Ann's Bay	4.91	2.84	8	6	4.86
Richmond Estate	4.77	2.50	8	9	4.42
Llandovery	...	...	...	...	...
Southfield	8.72	5.75	8	10	9.03
Brown's Town	...	...	...	...	...
Hyde Park	4.72	1.35	27	7	2.52
Dry Harbour	3.55	1.15	23	5	3.09
Chewmagna	5.77	1.60	27	8	3.54
Home Castle	2.64	0.95	15	6	3.11
Richmond Pen	3.65	0.95	27	6	2.05
Mahogany Hall	2.12	1.26	24	6	2.70
Brampton Bryan	1.35	0.62	15	6	1.71
Bryan Castle	1.74	0.60	24	8	2.16
Braco	1.85	0.55	24	6	2.14
Arcadia	0.87	0.30	15	6	2.23
Harmony Hall	2.32	0.71	24	9	2.20
Lancaster	...	...	...	...	...
Vale Royal	1.35	0.40	25	8	2 56
Colchis Pen	2.80	1.30	24	4	1 43
Hyde	...	...	...	...	...
Georgia	2.05	0.79	5	6	2.44
Long Pond	1.79	0.65	8	6	2.15
Steelfield	...	...	...	...	...
Oxford	...	...	...	...	...
Cambridge	2.27	1.10	8	7	2.26
Lottery	1.75	0.80	15	5	1.92
Falmouth P.W.D.	3.36	0.89	8	8	1.75
Holland Pen	1.44	0.52	7	6	1.99
Tilston	...	...	...	...	...
Kent	...	...	...	...	...
Dundee	...	...	...	...	...
Phœnix	...	...	...	...	...
Gales Valley	...	...	...	...	...
Canaan	...	...	...	...	...
Lima	...	...	...	...	...
Content	4.06	1.45	21	8	2.32
Moor Park	4.56	1.60	21	11	3.15
Success	...	...	...	...	...
Cinnamon Hill	...	...	...	...	...
Rose Hall	...	...	...	...	...
Running Gut	...	...	...	...	...
Spring	...	...	...	...	...
Ironshore	...	...	...	...	...
Montego Bay	0.80	0.20	27	7	1.89
Fairfield, St. James	...	...	...	...	...
Irwin	1.60	0.60	5	7	...
Anchovy	...	...	...	...	...
Round Hill	...	...	...	...	...
Sandy Bay	3.22	1.36	17	4	2.27
Lucea	5.38	1.65	21	9	2.35
Westfield	2.44	0.68	18	10	...

Central Sub-Division	Feb., 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Headworks, Rio Cobre	3.35	2.11	14	13	1.47
Shanton	5.44	2.85	4	10	...
Linstead	1.19	0.85	4	8	1.85
Berkshire Hall	3.15	1.10	27	9	2.16
Point Hill	8.86	1.75	4	11	3.32
Carew Castle	2.25	1.40	4	6	..
Worthy Park	4.18	1.92	4	6	1.96
Good Hope	...	...	...	...	...
Chapelton	1.96	0.70	5	8	1.76
Danks Works	3.28	1.60	5	9	...
Savoy House	2.45	0.90	9	11	1.52
Mears	...	...	...	...	...
Cave Valley	2.70	0.90	8, 27	6	2.18
Means	3.29	...	...	...	2.67
West Central Division.					
Mocho	7.27	1.90	5	16	...
Baillieston	9.69	3.50	3	11	2.94
Farm Plantation	8.82	2.20	14	16	2.43
Brokenhurst	...	...	...	...	...
Christiana	6.05	1.72	17	8	2.56
Chudleigh	10 73	3.53	26	10	...
Kendal, Manchester	6.55	1.70	26	9	2.26
Marshalls Pen	8.88	1.52	26	13	...
Mandeville, P.W.D	9.89	4.02	9	18	2.70
Carlton, Mandeville	9.76	1.78	26	19	...
Fairfield, Manchester	12.91	3.15	9	15	2.81
Ulster Spring	5.60	1.34	8	12	2.48
Low River	6.00	1.60	4	7	...
Troy	2.91	0.50	2	10	2.60
Windsor Pen, Trel.	5.31	1.72	8	10	2.29
Balaclava	5.25	1.37	14	11	2.19
Elim	...	...	...	...	...
Siloah	4.39	1.00	26	12	2.64
Appleton Ry. Station	...	...	...	...	...
Appleton Estate	4.06	0.94	26	16	...
Vauxhall	3.74	1.25	14	14	...
Kempshot	1.98	0.36	8	15	3.19
Kew Park	6.44	3.05	14	14	2.66
Hazelymph	1.66	0.93	15	8	1.96
King Gate	...	...	...	...	...
Darliston	9.91	3.23	14	13	3.45
Whithorn	8.01	3.22	14	13	2.90
Copse	...	...	...	...	...
Great Valley	...	..	...	...	...
Brownsville	6.40	2.07	14	10	3.74
Fontabelle	3.19	1.07	24	11	2.88
Morgan's Bridge	3.39	1.16	14	8	2.50
King's Valley	3.47	1.51	19	14	2.61
King's Vale Police St.	3.22	0.71	14,23	11	2.44
Means	5.95	...	...	...	2.68

Southern Division.	Feb., 1906. 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.	3.93	1.52	4	14	2.75
East Prospect	2.92	1.49	26	7	...
Morant Bay	2.19	0.73	14	10	2.07
Easington	3.28	1.40	4	8	1.58
Bull Bay	1.63	0.63	9	3	0.59
Gordon Town	4.65	1.07	4	9	1.55
Hope Gardens	1.96	0.87	23	8	1.16
Mona	1.41	0.65	14	5	...
Halfway Tree	1.04	0.40	23	5	0.99
Lunatic Asylum	1.85	0.93	24	4	0.57
Public Works Office	0.44	0.19	23	4	0.69
Plumb Point L. H.	1.04	0.36	9	5	0.77
Ballast Ground	0.23	0.23	23	1	...
Spanish Town	3.58	1.00	6	9	1.36
Hog Hole Pen	...	...	...	...	...
Browns Hall	...	...	...	...	...
Old Harbour	3.07	1.12	15	5	1.87
May Pen	3.18	1.25	14	10	1.67
Denbigh	...	...	...	...	...
Amity Hall	...	...	...	...	...
New Yarmouth	3.20	3.20	14	1	1.13
Milk River	5.70	3.85	14	12	...
Victoria Town	5.47	1.75	14	10	1.89
Stone's Hope	6.22	1.95	24	10	2.11
Newport, Manchester.	7.47	1.80	14	11	2.84
Alligator Pond	3.34	2.10	14	4	1.03
Potsdam	9.74	1.95	9	13	2.00
Long Hill	19.84	4.70	25	18	2.58
Pepper	13.75	2.50	25	12	2.20
Torrington	11.62	2.70	9	11	2.43
Bethlehem, St. Eliz.	11.50	2.94	9	15	2.28
Santa Cruz	7.20	1.85	25	10	2.22
Pedro Plains	4.82	1.48	14	10	1.25
Black River	2.28	1.20	9	8	1.68
Spring Hill	2.17	0.79	8	8	...
Font Hill	3.75	2.75	8	4	1.38
Shrewsbury, Westd.	...	...	...	...	...
Peter's Ville	6.60	1.45	15	15	2.65
Mount Edgecombe	5.58	2.26	14	10	2.43
Bluefields	10.56	3.54	14	14	4.89
Sweet River	4.77	1.73	14	10	2.49
Windsor, Sav.-la.-Mar	4.31	0.82	25	13	2.34
Sav.-la-Mar, P.W.D.	2.89	1.06	14	12	2.07
Retreat	5.12	1.77	25	10	4.38
White Hall	2.28	0.61	20	9	...
Negril Point L. H.	2.05	1.03	14	5	1.58
Means	5.25	...	...	...	1.93

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	February.	
	1906.	Average.
	In.	In.
North Eastern Division .	6.11	5.40
Northern .	3.29	2.67
West Central .	5.95	2.68
Southern .	5.25	1.93
Means .	5.15	3.17

The Rainfall for February was therefore very much above the average for the whole Island. The greatest fall 19.84 in. occurred at Long Hill in the southern division while the least 0.23 in was recorded at Ballast Ground in the same division.

January, 1906.

Weather Report No. 324. 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 .	14.34	4.03	30	12
Fair Prospect .	15.07	4.50	29	20
Moore Town .	14.58	...	...	
Fellowship .	15.67	4.40	30	24
Port Antonio .	14.09	2.50	30	15
Buff Bay .	8.89	2.32	29	14
Ecclesdown .	19.59	5.90	29	17
Shrewsbury .	10.59	1.80	29	15
Torrington .	2.91	0.75	13	6

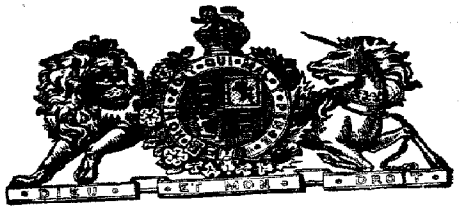
Corrigendum.

Weather Report No. 323, Dec, 1905, for Bar. pressure at Hill Gardens read 7 a.m.. 25.219 in. and 3 p.m. 25.191 in.

H. H. Cousins.

Weather Office, Government Laboratory,
Kingston.

No. 326.



JAMAICA

WEATHER REPORT

FOR THE MONTH OF

MARCH, 1906.

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	29.984	29.941	73.6	80.9	84.3	69 9	14.4	88.6	18	65.2	20	23.4
Castleton Gardens .	496	..	...	66.4	79.8	83.9	66.3	17.6	88	11	62	16.22	26.
Hope Gardens .	668	29.929	29.871	68.0	80.9	86.2	67.0	18.2	89	11	62	1	27.
Stony Hill Reformatory .	1,400	...	...	68.4	78.3	82.6	63.7	18.9	85	*12	60	23	25.
Hill Gardens .	4,907	25.235	25.233	58.2	63.8	67.2	54.8	12.4	72	17	53	25.26	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	69.2	86	70.1	70	5.36	234	E. N.E.	7.3	E. S. E.	12.0	1.6	2.7	1.0	1.7	5.6	0.9
Castleton Gardens .	496	60.9	81	71.5	76	8.84	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	668	63.7	84	68.1	66	1.93	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	65.9	91	72.9	83	3.06	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	53.2	83	60.1	89	7.58	...	...	...	...	...	...	...	...	...	...	...

* And on other days.

RAINFALL FOR MARCH, 1906.

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.	MAR. 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In			In.
Hordley	...	...	...		...
Manchioneal	6.77	1.70	28	10	4.91
Ecclesdown	8.56	1.60	31	13	...
*Elmwood	9.70	1.73	22	16	
Bath	7.96	1.98	2?	19	4.14
Moore Town	15.32	6.70	6	5	11.94
Port Antonio	12.39	3.90	2	9	4.27
Fellowship	17.05	5.10	2	17	6.99
Johnson River Bridge	4.20	1.27	3	13	2.32
Shrewsbury	20.49	3.93	25	12	8.41
Cedar Valley, St. Thos	7.18	3.15	2	9	2.71
Farm Hill	...	..	...	...	...
Hill Gardens	7.58	3.20	22	14	5.27
Buff Bay	7.30	2.50	23	6	5.00
†Greenvale	18.76	4.33	23	15	...
Mt. Holstein	12.36	4.12	24	19	9.51
Hardware Gap	10.01	...	...	...	4.73
Irish Town	...	...	...	...	...
Annotto Bay	...	...	...	...	..
Stony Hill Reft.	3.06	0.86	23	7	2.99
Castleton Gardens	8.84	3.93	24	8	4.90
Lawrence Tavern	4.87	2.30	24	7	2.69
Quebec	...	...	...	...	...
Water Valley	5.84	2.15	23	10	5.17
Agualta Vale	5.92	1.57	1	7	...
Richmond, St. Mary	6.98	1.71	23	10	3.62
Kendal, St. Mary	5.85	2.08	25	5	...
Gayle, P.W.D.	..	...	...	...	...
Rio Hoe	6.69	3.40	23	12	3.74
Unity Valley	4.68	1.72	24	13	3.86
Moneague	5.85	2.10	24	12	3.09
Albion	7.06	1.85	24	9	3.68
Avenham Park	4.76	1.40	23	13	3.97
Ballintoy	3.25	1.18	24	7	3.39
Means	8.28	...	...	...	4.84

NORTHERN DIVISION.	MAR. 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	1.41	0.38	30	9	3.28
Ocho Rios	1.75	1.25	28	2	2.84
Drax Hall	3.34	0.95	2	6	3.27
Liberty Hill	3.04	0.89	1	9	...
St. Ann's Bay	1.75	0.52	2	8	2.34
Richmond Estate	1.51	0.50	23	7	2.73
Llandovery	1.62	0.64	24	5	2.96
Southfield	3.53	1.68	1	8	4.31
Brown's Town	4.50	1.62	23	11	3.22
Hyde Park	3.35	1.20	28	5	4.92
Dry Harbour	2.00	0.60	23	5	1.73
Chewmagna	4.08	0.80	20	12	3.70
Home Castle	2.33	0.63	20	7	2.69
Richmond Pen	3.35	1.40	24	6	2.47
Mahogany Hall	5.61	1.58	20	8	2.48
Brampton Bryan	2.39	0.62	20	10	1.93
Bryan Castle	1.72	0.35	23	10	1.93
Braco	1.47	0.60	24	6	1.72
Arcadia	1.98	0.55	23	10	1.88
Harmony Hall	3.40	1.07	20	11	1.80
Lancaster	...	...	...	...	...
Vale Royal	3.92	0.84	20	10	2 30
Colchis Pen	5.15	1.50	23	5	1 94
Hyde	4.81	1.27	21	10	2.79
Georgia	2.98	0.57	1	9	2.07
Long Pond	2.79	0.95	20	10	2.72
Steelfield	3.67	0.75	20	15	2.23
Oxford	3.00	0.65	15.23	10	2.03
Cambridge	3.13	1.15	7	7	2.31
Lottery	2.00	0.90	7	6	2.07
Falmouth P.W.D.	2.32	0.69	23	12	1.89
Holland Pen	3.39	2.53	22	5	1.61
Tilston	...	...	...	...	...
Kent	...	...	...	...	...
Dundee	...	...	...	...	...
Phœnix	...	...	...	...	...
Gales Valley	...	...	...	...	...
Canaan	...	...	...	...	...
Lima	2.47	0.53	15	7	2.06
Content	3.35	0.9.	15	10	2.42
Moor Park	4.30	1.04	14	15	2.71
Success	3.63	0.60	15	11	2.04
Cinnamon Hill	4.69	0.96	10	11	1.80
Rose Hall	5.40	1.60	10	13	1.56
Running Gut	7.71	3.60	10	15	1.50
Spring	...	...	...	...	...
Ironshore	...	...	...	...	...
Montego Bay	3.18	0.74	28	12	1.63
Fairfield, St. James	2.34	1.00	27	9	1.74
Irwin	4.50	1.00	27	14	...
Anchovy	...	...	...	...	...
Round Hill	4.17	0.80	29	9	1.81
Sandy Bay	9.78	2.45	27	10	2.39
Lucea	8.68	2.08	27	14	2.33
Westfield	10.96	3.19	2	14	..

* Guage at Bybrook removed to Greenvale.
† Guage at Fair Prospect removed to Elmwood.

Central Sub-Division.	March, 1906.				
	Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Headworks, Rio Cobre	2.73	1.47	13	8	2.91
Shanton	2.42	0.70	23	15	...
Linstead	2.99	0.80	24	8	3.06
Berkshire Hall	3.86	1.30	24	8	3.80
Point Hill	5.14	1.30	27	7	5.80
Carew Castle	2.54	1.00	24	9	...
Worthy Park	2.79	1.06	22	6	3.01
Good Hope	...	...	...	...	...
Chapelton	3.60	0.65	13.24	10	2 77
Danks Works	3.21	1.41	13	10	...
Savoy House	3.42	1.32	13	13	5.10
Mears	...	...	...	...	...
Cave Valley	2.45	1.00	24	5	3.07
Means	3.49	...	...	...	2.59
West Central Division.					
Mocho	...	...	...	...	...
Baillieston	5.79	1.03	24	10	5.60
Farm Plantation	6.53	2.00	2	17	3.29
Brokenhurst	...	...	...	...	...
Christiana	6.68	2.80	13	6	4.82
Chudleigh	3.67	0.85	13	6	...
Kendal, Manchester	1.15	0.80	21	3	4.53
Marshalls Pen	2.41	0.50	24	8	...
Mandeville, P.W.D	2.89	0.42	20	17	4.65
Carlton, Mandeville	2.41	0.44	24	18	4.33
Fairfield, Manchester	4.86	1.35	21	13	5.47
Ulster Spring	4.59	1.23	12	8	3.55
Low River	5.90	1.30	4	9	...
Troy	7.16	1.15	27	13	6.99
Windsor Pen, Trel.	3.17	0.96	2	12	3.18
Balaclava	...	...	...	...	...
Elim	..	...	...		...
Siloah	10.47	2.50	5	14	5.54
Appleton Ry. Station	...	...	...	...	...
Appleton Estate	8.67	1.50	5	14	...
Vauxhall	...	...	...	...	...
Kempshot	3.67	0.70	8	15	2.85
Kew Park	5.09	1.45	31	8	4.33
Hazelymph	5.96	1.10	31	11	3.73
King Gate	4.46	1.31	31	13	3.57
Darliston	3.17	1.71	20	15	6.79
Whithorn	7.08	1.15	20	12	5.68
Copse	...	...	...	...	...
Great Valley	4.88	0.70	9.15	13	4.04
Brownsville	5.31	2 40	20	15	4.95
Fontabelle	...	...	...	...	...
Morgan's Bridge	8.49	2.62	12	14	5.16
King's Valley	10.06	3.64	19	8	4.39
King's Vale Police St.	9.98	2.40	19	13	5.59
Means	5.85	...	...	...	4.68

Southern Division.	March, 1906.				
	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.	5.65	1.16	29	16	1.99
East Prospect	6.55	2.90	29	9	...
Morant Bay	4.16	1.13	22	16	1.60
Easington	4.58	2.70	2	10	1.27
Bull Bay	0.42	0.42	24	1	0.28
Gordon Town	3.30	0.90	27	7	1.45
Hope Gardens	1.93	0.40	13	11	1.96
Mona	1.86	0.38	22	5	...
Half-way Tree	0.55	0.15	23	8	1.22
Lunatic Asylum	0.70	0.17	23	6	1.00
Public Works Office	0.72	0.26	23	5	1.11
Plumb Point L. H.	0 95	0.51	28	5	0.95
Ballast Ground	0.48	0.18	24	4	...
Spanish Town	1.57	0.67	24	7	2.23
Hog Hole Pen	1.65	0.73	23	6	2.24
Browns Hall	3.52	0.77	24	7	4.57
Old Harbour	2.90	0.60	18	7	2.08
May Pen	2.44	0.88	2	9	2.03
Denbigh	...	...	...	...	...
Amity Hall	...	...	...	...	...
New Yarmouth	2.77	1.01	19	6	1.12
Milk River	4.98	1.21	21,22	12	...
Victoria Town	5.59	1.97	2	9	2.15
Stone's Hope	4.53	1.90	2	16	2.79
Newport, Manchester	5.41	1.67	2	11	3.35
Alligator Pond	2.76	1.30	2	4	1.94
Potsdam	5.59	1.30	21	12	3.08
Long Hill	...	...	...	...	...
Pepper	6.15	1.75	22	11	5.13
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	6.40	1.63	22	16	4.56
Santa Cruz	...	...	...	...	...
Pedro Plains	...	...	...	...	...
Black River		...	...	...	...
Spring Hill	7.33	2.71	13	12	...
Font Hill	7.70	1.75	27	11	4.21
Shrewsbury, Westd.	...	...	...	...	...
Peters Ville	6.80	1.64	27	17	5.44
Mount Edgecombe	8.04	1.62	14	16	4.03
Bluefields	13.64	2.20	20	13	10.86
Sweet River	7.80	1.67	13	11	3.56
Windsor, Sav.-la-Mar	5.15	1.00	2	15	2.96
Sav.-la-Mar P.W.D.	5.49	1.12	20	15	2.75
Retreat	5.46	1.45	20	13	3.42
White Hall	6.68	1.92	20	14	...
Negril Point L. H.	5.36	2.09	20	13	2.51
Means	4 37	...	...	...	2.81

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	March.	
	1906.	Average.
	In.	In.
North Eastern Division .	8.28	4.84
Northern .	3.49	2.59
West Central .	5.85	4.68
Southern .	4.37	2.81
Means .	5.50	3.73

The Rainfall for March was therefore very much above the average for the whole Island. The greatest fall 20.49 in. occurred at Shrewsbury in the north eastern division while the least 0.42 fell at Bull Bay in the southern division.

February, 1906.

Weather Report No. 325. 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.		In.
Oxford .	1.80	0.85	21	6
Hyde .	2.30	1.19	7	6
Steelfield .	2.37	0.60	8	11
Canaan .	5.64	2.10	8	6
Lima .	3.11	1.30	8	6
Success .	2.00	0.60	27	5
Cinnamon Hill .	3.68	1.42	5	6
Rose Hall .	2.10	0.80	8	6
Running Gut .	2.86	1.50	8	6
Fairfield .	0.10	0.10	8	1
Round Hill .	1.05	0.30	27	5

H. H. Cousins.

Weather Office, Government Laboratory,
Kingston.

No. 327.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

APRIL, 1906.

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	29.973	29.926	76.1	81.6	84.5	70.0	14.5	86.2	9.13	63.9	6	22.3
Castleton Gardens .	496	..	...	67.4	78.9	84.3	67.4	16.9	88	23	61	10	27.
Hope Gardens .	668	29.946	29.856	71.0	83.1	86.4	69.6	16.8	92	8	61	7	31.
Stony Hill Reformatory .	1,400	...	...	68.9	77.2	83.4	64.9	18.5	86	7	62	11	24.
Hill Gardens .	4,907	25.218	25.211	60.2	63.9	67.4	55.4	12.0	69	*14	53	12	16.

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	68.3	76	69.8	67	6.45	240	N.E.	8.3	N. E. by E	10.9	0.0	2.1	2.6	0.7	6.0	0.1
Castleton Gardens .	496	65.9	93	72.3	81	8.33	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	668	66.0	84	67.5	58	5.13	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	66.3	91	71	81	7.92	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	55.8	83	59.5	86	8.29	...	...	...	...	...	...	...	...	...	...	...

* And on other days.

RAINFALL FOR APRIL, 1906.

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, 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Hordley	...	...	...		...
Manchioneal	10.43	3.50	27	7	6.96
Ecclesdown	...	...	...	...	...
Elmwood	8.84	3.75	27	8	...
Bath	8.42	3.45	27	15	5.59
Moore Town	13.05	...	...	...	11.67
Port Antonio	11.62	2.18	27	20	6.19
Fellowship	10.41	1.44	27	20	10.17
Johnson River Bridge	8.87	4.80	27	8	4.08
Shrewsbury	9.32	1.40	7	10	9.04
Cedar Valley, St. Thos	11.67	7.70	27	8	3.35
Farm Hill	...	...	...	...	...
Hill Gardens	8.29	2.40	25	12	6.31
Buff Bay	5.39	1.20	19	12	6.88
Greenvale	8.02	1.00	19	21	...
Mt. Holstein	8.53	2.33	20	21	6.89
Hardware Gap	6.93	...	...	...	6.32
Irish Town	7.02	2.30	19	9	...
Annotto Bay	...	...	...	...	...
Stony Hill Reft.	7.92	2.25	30	12	5.33
Castleton Gardens	8.33	4.03	30	17	6.85
Lawrence Tavern	9.50	3.10	24	9	4.36
Quebec	...	...	...	...	...
Water Valley	5.59	1.16	2	17	5.77
Agualta Vale	3.84	0.70	30	14	...
Richmond, St. Mary	3.80	0.70	22	16	5.21
Kendal, St. Mary	3.95	1.02	30	7	...
Gayle, P.W.D.	6.81	2.04	20	12	5.01
Rio Hoe	7.58	2.86	19	11	4.47
Unity Valley	7.85	2.77	26	14	4.65
Moneague	7.69	2.38	26	13	4.03
Claremont	7.70	1.60	26	6	4.12
Albion	3.82	0.65	19	13	4.60
Averham Park	11.92	3.77	19	14	4.84
Means	8.39	...	...	...	5.95

NORTHERN DIVISION.	APRIL, 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	3.31	0.95	25	8	4.21
Ocho Rios	6.50	1.70	19	7	2.96
Drax Hall	5.98	1.73	24	8	3.29
Liberty Hill	11.17	5.00	19	8	...
St. Ann's Bay	6.05	2.10	23	12	3.37
Richmond Estate	5.45	1.60	23	8	3.58
Llandovery	6.93	2.45	23	6	3.51
Southfield	6.56	2.12	14	8	7.12
Brown's Town	3.83	1.00	26	11	3.74
Hyde Park	5.23	2.00	27	6	3.03
Dry Harbour	2.74	0.99	27	4	2.70
Chewmagna	3.79	1.50	27	12	3.58
Home Castle	2.95	0.90	19	9	3.58
Richmond Pen	3.05	0.85	19	6	3.74
Mahogany Hall	2.74	0.72	27	9	3.92
Brampton Bryan	1.89	0.62	27	7	2.27
Bryan Castle	2.20	0.75	26	9	2.25
Braco	2.33	0.73	23	8	2.86
Arcadia	2.07	0.60	27	9	2.48
Harmony Hall	2.44	0.40	24	10	2.18
Lancaster	...	...	...	...	...
Vale Royal	2.53	0.62	24	10	3 02
Colchis Pen	5.70	1.75	26	4	3.19
Hyde	2.90	1.12	24	6	3.42
Georgia	2.62	0.83	24	9	2.54
Long Pond	1.69	0.70	24	5	2.97
Hyde Hall	3.20	1.00	26	8	...
Steelfield	1.73	0.50	24	9	2.61
Etingdon	1.17	0.50	24	8	...
Oxford	2.05	1.15	24	8	2.58
Cambridge	2.65	1.80	24	6	3.16
Lottery	2.35	2.05	24	2	2.36
Falmouth P.W.D.	3.92	1.71	21	10	2.19
Holland Pen	6.33	2.50	22	5	2.43
Tilston	...	...	...	...	...
Kent	...	...	...	...	...
Dundee	...	...	...	...	...
Phœnix	...	...	...	...	...
Gales Valley	...	...	...	...	...
Canaan	...	...	...	...	...
Lima	2.70	1.20	27	4	3.32
Content	2.92	1.45	27	6	2.48
Moor Park	7.14	2.10	27	9	5.00
Success	1.80	0.80	19	6	2.37
Cinnamon Hill	2.48	0.88	19	8	1.99
Rose Hall	1.20	0.45	26	5	1.97
Running Gut	2.10	0.47	23	8	1.79
Spring	...	...	...	...	...
Ironshore	...	...	...	...	...
Montego Bay	6.01	1.87	28	10	3.83
Fairfield, St. James	6.12	2.10	28	8	3.69
Irwin	8.50	3.30	28	9	...
Anchovy	...	...	...	...	...
Round Hill	...	...	...	...	...
Sandy Bay	5.49	2.00	27	7	...
Lucea	10.56	2.86	27	9	3.88
Westfield	6.23	4.82	27	8	4.01
	5.15	1.25	14	12	..

Central Sub-Division.	April, 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Headworks, Rio Cobre	6.02	1.80	27	12	3.77
Shanton	10.66	2.24	20	11	...
Linstead	8.00	2.10	27	10	4.37
Berkshire Hall	2.10	0.90	23	8	...
Point Hill	21.46	4.50	27	11	5.62
Carew Castle	7.42	2.90	14	11	...
Worthy Park	9.91	2.64	27	10	3.30
Good Hope	...	...	...	...	...
Chapelton	7.93	3.28	27	11	3.61
Danks Works	8.63	2.96	27	12	...
Savoy House	9.14	3.62	27	14	3.91
Mears	...	...	...	...	...
Cave Valley	8.45	2.20	20	8	5.11
Means	4.81	...	...	...	3.30
West Central Division.					
Mocho	...	...	...	...	...
Baillieston	16.58	5.00	27	12	4.62
Farm Plantation	10.50	4.35	27	12	4.75
Brokenhurst	...	...	...	...	...
Christiana	15.74	4.15	27	15	8.26
Chudleigh	15.38	3.73	27	12	...
Kendal, Manchester	20.30	5.00	27	9	6.54
Marshalls Pen	...	...	..	...	...
Mandeville, P.W.D	18.15	5.08	27	13	5.75
Carlton, Mandeville	13.96	4.51	27	11	7.11
Fairfield, Manchester	13.31	3.31	19	13	6.86
Ulster Spring	6.08	1.65	30	11	7.07
Low River	14.95	4.00	27	12	...
Troy	15.95	2.00	20	19	9.85
Windsor Pen, Trel.	8.48	2.16	21	11	6.52
Balaclava	14.37	3.31	25	14	10.49
Elim	..	...	...	...	...
Siloah	14.19	2.40	26	15	8.98
Appleton Ry. Station	...	...	...	...	...
Appleton Estate	11.61	2.47	26	17	...
Vauxhall	13.07	2.73	24	16	...
Kempshot	...	...	...	...	...
Kew Park	8.73	1.70	23	12	8.77
Hazelymph	4.74	1.95	27	13	6.41
King Gate	7.04	1.35	27	11	4.30
Darliston	15.82	3.10	23	18	12.29
Whithorn	11.63	1.70	21	15	7.85
Copse	...	...	...	...	...
Great Valley	...	...	...	...	...
Brownsville	10.68	4.00	27	14	9.45
Fontabelle	9.52	2.49	14	15	6.31
Morgan's Bridge	11.21	2.71	14	15	5.76
King's Valley	9.20	2.66	18	13	6.49
King's Vale Police St.	5.06	1.80	29	11	6.91
Means	11.87	...	...	...	7.33

Southern Division.	April, 1906. 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.	2.35	1.03	27	13	2.97
East Prospect	6.14	4.51	27	7	...
Morant Bay	4.73	3.20	27	7	2.40
Easington	3.75	2.15	26	6	1.64
Bull Bay	1.63	0.73	26	3	7.48
Gordon Town	6.64	3.28	19	10	3.53
Hope Gardens	5.13	2.00	19	11	2.95
Mona	4.12	2.40	30	6	...
Half-way Tree	2.70	0.68	20	6	1.74
Lunatic Asylum	2.63	0.94	30	3	1.10
Public Works Office	2.25	1.30	27	3	1.01
Plumb Point L. H.	1 54	1.22	27	4	1.03
Ballast Ground	1.71	0.97	26	4	...
Spanish Town	4.53	2.10	27	9	2.39
Hog Hole Pen	6.45	2.16	27	7	3.00
Browns Hall	9.03	3.85	27	10	4.15
Old Harbour	4.36	1.80	27	3	3.01
May Pen	6.22	3.90	27	12	2.61
Denbigh	...	...	...	...	...
Amity Hall	...	...	...	...	...
New Yarmouth	4.38	3.40	27	6	2.33
Milk River	6.19	2.91	27	6	...
Victoria Town	12.54	5.23	27	8	4.56
Stone's Hope	7.88	4.90	27	6	4.28
Newport, Manchester	9.80	2.75	27	11	4.88
Alligator Pond	3.49	1.38	17	6	3.62
Potsdam	6.01	1.70	20	6	4.27
Long Hill	18.54	3.67	30	10	7.64
Pepper	24.45	5.00	19	10	9.06
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	12.16	2.82	27	15	6.63
Santa Cruz	16.12	3.60	19	13	9.75
Pedro Plains	2.45	1.18	18	6	2.77
Black River	5.14	1.35	30	13	4.22
Spring Hill	7.83	3.60	19	14	...
Font Hill	3.52	2.05	30	4	4.78
Shrewsbury, Westd.	...	...	...	...	...
Peters Ville	...	...	..	...	...
Mount Edgecombe	8 06	1.64	27	15	5.26
Bluefields	14.35	5.45	14	10	10.89
Sweet River	...	...	...	...	...
Windsor, Sav.-la-Mar	6.74	1.82	14,27	12	5.06
Sav.-la-Mar P.W.D.	5.23	1.20	27	11	5.55
Retreat	7.18	2.45	14	12	5.42
White Hall	8.65	2.24	23	10	...
Negril Point L. H.	6.45	3.35	14	10	3.13
Means	7 01	...	...	...	4.27

NOTES.

COMPARATIVE TABLE OF RAINFALL.

(Based upon the "Average" Stations only.)

	APRIL.	
	1906.	Average.
	In.	In.
North Eastern Division .	8.39	5.95
Northern .	4.81	3.30
West Central .	11.87	7.33
Southern .	7.01	4.27
Means .	8.02	5.21

The Rainfall for April was therefore very much above the average for the whole Island. The greatest fall, 24.45 in., was recorded at Pepper in the southern division, while the least, 1.17 in., occurred at Etingdon in the northern division.

Unity Valley slight shock of earthquake on 13th 9.55 p.m.

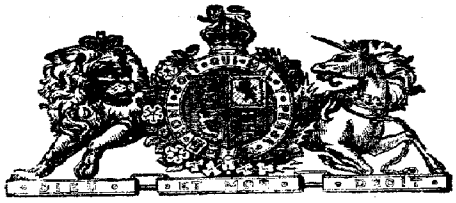
MARCH, 1906.

WEATHER REPORT No. 324. 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.		In.
Long Hill .	5.23	1.09	2	13

H. H. COUSINS.

Weather Office, Government Laboratory,
Kingston.

No. 328.



JAMAICA

WEATHER REPORT

FOR THE MONTH OF

MAY, 1906.

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	29.930	29.899	78.7	83.3	85.6	73.6	12.0	88.5	8	69.3	2	19.2
Castleton Gardens .	496	..	...	69.9	81.7	85.8	70.1	15.7	91	30	65	6	26.
Hope Gardens .	668	29.921	29.868	73.9	82.6	87.6	73.8	13.8	93	30	70	1	23.
Stony Hill Reformatory .	1,400	...	...	72.8	79.2	85.2	67.4	17.8	89	30	65	*1	24.
Hill Gardens .	4,907	25.221	25.211	62.2	64.6	68.4	57.0	11.4	74	8	55	5	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	73.1	83	74.1	74	7.85	248	E.	5.8	E. S. E.	9.4	0.3	1.7	3.0	0.8	5.4	1.9
Castleton Gardens .	496	68.1	93	68.0	62	13.29	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	668	69.8	87	72.2	93	12.91	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	68.5	86	73.3	82	14.91	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	58.1	86	55.8	81	14.87	...	...	...	...	...	...	...	...	...	...	...

* And on other days.

RAINFALL FOR MAY, 1906.

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, 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In			In.
Hordley	...	...	...		...
Manchioneal	18.49	8.80	25	9	17.34
Ecclesdown	...	..	...	...	...
*Elmwood	9.65	2.75	20	18	...
Bath	21.11	10.36	21	17	13.73
Moore Town	11.55	...	...	..	21.72
Port Antonio	11.12	3.17	21	21	18.68
Fellowship	13.38	4.20	21	16	24.88
Johnson River Bridge	21.64	7.30	21	11	9.10
Shrewsbury	11.22	4.77	21	13	16.19
Cedar Valley, St. Thos	21.84	7.05	21	13	11.32
Farm Hill	...	..	...	...	...
Hill Gardens	14.87	6.55	21	15	11.10
Buff Bay	4.34	4.20	21	4	9.41
†Greenvale	9.29	3.07	21	10	...
Mt. Holstein	10.78	5.70	21	14	9.51
Hardware Gap	...	...	...	...	...
Annotto Bay	...	...	...	...	...
Stony Hill Refl.	14.91	5.00	21	14	9.89
Castleton Gardens	13.29	7.96	21	13	12.31
Lawrence Tavern	...	...	...	...	...
Quebec	...	...	...	...	...
Water Valley	9.11	4.05	21	8	8.09
Agualta Vale	8.48	5.90	21	9	...
Richmond, St. Mary	11.84	4.80	21	12	7.87
Kendal, St. Mary	12.15	3.92	20	9	...
Gayle, P.W.D.	9.61	2.75	20	9	7.36
Rio Hoe	9.33	6.10	21	12	8.87
Unity Valley	8.78	4.25	20	15	10.27
Moneague	9.22	5.30	20	13	8.70
Claremont	5.30	1.80	19	5	8.15
Albion	9.44	3.04	20	9	8.34
Avernam Park	6.92	2.20	20	8	10.54
Ballintoy	6.46	2.30	20	11	6.81
Means	11.94	...	...	...	11.75

Northern Division.	May, 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	10.38	2.60	20	12	7.14
Ocho Rios	5.70	2.70	19	4	6.58
Drax Hall	2.85	1.25	6	4	7.86
Liberty Hill	5.48	2.85	19	4	...
St. Ann's Bay	6.11	3.85	19	6	5.81
Richmond Estate	6.51	3.70	19	4	8.14
Llandovery	8.89	5.44	19	5	7.67
Southfield	11.37	4.88	19	8	8.64
Brown's Town	6.06	2.25	19	8	7.79
Hyde Park	10.21	3.00	19	5	5.32
Dry Harbour	6.31	2.65	19	6	4.95
Chewmagna	6.83	1.70	20	12	6.93
Home Castle	6.45	1.70	19	6	6.30
Richmond Pen	6.10	3.60	20	7	8.07
Mahogany Hall	7.95	2.60	20	7	8.86
Brampton Bryan	5.86	2.15	19	6	5.75
Bryan Castle	10.24	3.34	18	7	5.45
Braco	8.99	3.10	18	8	5.00
Arcadia	7.30	3.30	20	4	5.02
Harmony Hall	8.21	3.05	20	6	4.97
Lancaster	...	...	...	...	...
Vale Royal	8.36	3.68	20	6	6 39
Colchis Pen	7.60	2.40	20	6	7 46
Hyde	9.01	3.77	20	9	8.10
Georgia	7.00	3.20	20	6	6.81
Long Pond	5.94	1.85	20	9	5.30
Hyde Hall	8.15	3.80	20	9	...
Steelfield	6.74	3.60	20	9	5.88
Etingdon	6.54	3.95	20	6	...
Oxford	6.85	3.65	20	9	6.03
Cambridge	8.35	3.75	20	9	6.85
Lottery	4.70	1.60	20	6	6.48
Falmouth P.W.D.	6.41	3.76	20	10	5.37
Holland Pen	8.32	5.17	20	6	5.49
Tilston	...	...	...	...	...
Kent	6.36	3.85	20	8	5.61
Dundee	...	...	...	...	...
Phœnix	...	...	...	...	...
Gales Valley	...	...	...	...	...
Canaan	...	...	...	...	...
Lima	...	...	...	...	...
Content	11.51	4.50	20	13	7.23
Moor Park	12.45	3.50	‡28	13	6.57
Success	..	...	...	...	...
Cinnamon Hill	...	...	...	...	...
Rose Hall	...	...	...	...	...
Running Gut	...	...	...		..
Spring	...	...	...	...	...
Ironshore	...	...	...	...	...
Montego Bay	10.83	5.45	20	14	7.64
Fairfield, St. James	...	...	...	...	...
Irwin	13.40	6.70	21	12	...
Anchovy	...	...	...	...	...
Round Hill	...	...	...	...	...
Sandy Bay	13.83	6.65	20	9	9.21
Lucea	14.49	6.95	20	11	7.97
Westfield	13.53	7.39	20	14	...

*Guage at Byebrook removed to Greenvale.
†Guage at Fair Prospect removed to Elmwood.
‡Guage overflowed.

Central Sub-Division.	May, 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Headworks, Rio Cobre	...	...	...	...	...
Shanton	12.47	4.65	21	22	...
Linstead	13.73	9.00	21	14	10.10
Berkshire Hall	10.60	3.65	21	11	5.25
Point Hill	21.72	7.90	21	15	13.24
Carew Castle	15.49	7.52	20	16	...
Worthy Park	11.12	2.94	21	8	8.29
Good Hope	...	...	...	...	...
Chapelton	13.06	4.80	21	12	8 92
Danks Works	14.44	7.03	21	10	...
Savoy House	15.18	5.25	21	16	9.06
Mears	...	...	...	...	...
Cave Valley	10.40	3.60	20	13	10.02
Means	9.00	...	...	...	7.08
West Central Division					
Mocho	...	...	...	...	...
Baillieston	9.53	3.03	21	10	...
Farm Plantation	12.86	6.00	20	13	10.26
Brokenhurst	...	...	...	...	...
Christiana	13.14	2.65	9	14	12.24
Chudleigh	10.70	3.50	20	11	...
Kendal, Manchester	10.06	5.30	20	7	10.96
Marshalls Pen	...	...	..	...	...
Mandeville, P.W.D	15.19	5.30	20	21	6.54
Carlton, Mandeville	...	...	...	...	...
Fairfield, Manchester	8.48	4.41	21	11	9.39
Ulster Spring	12.38	1.70	20	17	12.13
Low River	17.25	5.60	13	9	...
Troy	32.91	3.75	11	21	16.80
Windsor Pen, Trel.	12.39	4.41	19	14	10.96
Balaclava	17.80	2.77	20	15	15.04
Elim	..	...	...	...	...
Siloah	24.48	3.26	20	14	12.69
Appleton Ry. Station	...	...	...	...	...
Appleton Estate	24.36	4.11	20	19	...
Vauxhall	29.02	4.76	20	22	...
Kempshot	13.82	4.75	20	11	10.35
Kew Park	18.89	5.35	20	17	12.81
Hazelymph	14.47	5.20	20	19	11.94
King Gate	12.85	5.40	20	9	8.64
Darliston	26.65	5.59	20	22	16.53
Whithorn	22.66	6.20	20	18	13.81
Copse	...	...	...	...	...
Great Valley	20.39	4.20	*20	19	13.86
Brownsville	21.69	5.60	*21	18	14.45
Fontabelle	16.35	5.08	20	17	8.95
Morgan's Bridge	19.95	6.49	20	20	11.90
King's Valley	25.76	7.75	20	14	12.00
King's Vale Police St.	11.33	4.60	20	11	8.71
Means	17.48	...	...	...	11.86

Southern Division.	May, 1906. 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.	15.71	6.12	22	16	11.25
East Prospect	29.43	11.98	21	9	...
Morant Bay	19.69	8.10	21	14	8.37
Easington	18.66	8.55	21	11	6.26
Bull Bay	...	...	...	...	...
Gordon Town	...	...	...	...	...
Hope Gardens	12.91	5.91	21	12	6.54
Mona	...		...	...	...
Half-way Tree	...	...	...	...	...
Lunatic Asylum	10.01	5.65	21	7	3.34
Public Works Office	10.04	5.70	21	6	4.81
Plumb Point L. H.	6 41	5.02	21	5	4.98
Ballast Ground	...	...	...		...
Spanish Town	9.99	6.34	21	6	5.97
Hog Hole Pen	10.00	9.07	21	4	7.10
Browns Hall	17.92	8.75	22	12	9.50
Old Harbour	13.29	7.00	21	5	5.98
May Pen	14.55	8.36	21	11	7.53
Denbigh	...	...	...	...	...
Amity Hall	...	...	...	...	...
New Yarmouth	15.06	8.82	21	5	4.49
Milk River	18.40	8.77	21	12	...
Victoria Town	22.96	7.62	20	8	9.70
Stone's Hope	16.42	8.12	21	14	9.71
Newport, Manchester	10.38	3.04	20	11	9.13
Alligator Pond	9.60	4.15	20	3	6.26
Potsdam	11.04	4.50	21	11	5.91
Long Hill	14.92	5.20	21	10	10.24
Pepper	9.80	4.25	21	9	8.93
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	11.51	4.26	21	15	11.88
Santa Cruz	21.49	3.18	21	13	13.07
Pedro Plains	13.48	5.60	21	9	4.13
Black River	17.63	3.88	21	17	7.46
Spring Hill	16.22	5.25	21	18	...
Font Hill	24.85	4.40	21	13	8.66
Shrewsbury, Westd.	...	...	...	...	...
Peters Ville	26.98	5.40	20	19	..
Mount Edgecombe	18.23	5.68	20	21	7.97
Bluefields	18.31	3.54	20	14	12.15
Sweet River	18.45	5.50	20	17	9.42
Windsor, Sav.-la-Mar	15.94	5.00	20	19	9.22
Sav.-la-Mar P.W.D.	14.39	4.60	20	21	9.18
Retreat	12.02	5.55	20	12	8.82
White Hall	13.44	5.15	20	12	...
Negril Point L. H.	7.85	4.54	20	12	5.79
Means	14 48	...	...	...	7.93

*Gauge overflowed.

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	May.	
	1906.	Average.
	In.	In.
North Eastern Division .	11.94	11.75
Northern .	9.00	7.08
West Central .	17.48	11.86
Southern .	14.48	7.93
Means .	13.23	9.66

The Rainfall for May was therefore much above the average for the whole Island. The greatest fall, 32.91 in., occurred at Troy in the west central division, while the least, 2.85 in., fell at Drax Hall, in the northern division.

April, 1906.

Weather Report No. 327. 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.		In.
Brokenhurst .	8.11	2.90	27	12
Kempshot .	11.66	2.71	26	15

H. H. Cousins.

Weather Office, Government Laboratory,
Kingston.

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SEP 20 1906
Weather Bureau.

No. 329.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

JUNE, 1906.

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 standard 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	29.913	29.895	78.8	82.5	86.0	74.3	11.7	89.7	23	70.4	30	19.3
Castleton Gardens .	496	..	...	71.1	81.9	86.1	71.1	15.0	90	*23	68	*15	22.
Hope Gardens .	668	29.905	29.868	74.3	79.3	86.7	73.4	16.3	95	28	68	26	27.
Stony Hill Reformatory .	1,400	...	...	72.2	77.6	84.9	67.5	17.4	89	24	65	4	24.
Hill Gardens .	4,907	25.189	25.194	62.5	66.6	69.6	58.5	11.1	74	*23	56	16	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	73.7	84	75.2	79	8.24	260	E. S.E.	7.8	S.E.	9.8	0.7	4.4	3.2	2.4	6.4	1.0
Castleton Gardens .	496	67.5	90	69.5	67	8.10	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	668	70.4	73	74.2	84	11. 70	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	70	92	72.2	88	14.88	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	59.3	86	62.8	81	14.55	...	...	...	...	...	.	...	...	...	...	...

* And on other days.

RAINFALL FOR JUNE, 1906.

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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.	JUNE, 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Hordley	...	...	...		...
Manchioneal	17.30	4.00	17	12	10.99
Ecclesdown	46.57	9.02	18	25	...
Elmwood	...	..	...	...	
Bath	24.93	4.12	12	22	13.91
Moore Town	22.24	9.20	2	6	27.69
Port Antonio	25.19	9.67	7	22	17.95
Fellowship	22.01	10.55	7	18	23.08
Johnson River Bridge	41.58	6.00	8	18	17.62
Shrewsbury	20.76	4.60	7	16	11.78
Cedar Valley, St. Thos	32.51	8.14	8	16	15.01
Farm Hill	...	..	...	...	...
Hill Gardens	14.55	4.85	8	16	8.01
Buff Bay	15.02	5.62	7	10	7.27
Greenvale	8.37	2.20	7	14	...
Mt. Holstein	8.78	2.00	14	21	8.85
Hardware Gap	11.37	...	...	..	7.75
Irish Town	11.16	5.85	7.8	8	...
Annotto Bay	...	...	...	...	...
Stony Hill Reft.	14.88	6.00	7	2	7.34
Castleton Gardens	8.10	1.84	8	12	9.95
Lawrence Tavern	7.71	2.33	7	9	7.44
Quebec	...	...	...	...	...
Water Valley	6.38	1.23	8	10	6.11
Agualta Vale	5.84	1.06	8	9	...
Richmond, St. Mary	6.44	1.60	7	11	7.51
Kendal, St. Mary	9.08	3.80	7	8	...
Gayle, P.W.D.	5.95	2.00	7.8	8	6.80
Rio Hoe	8.26	4.47	8	12	8.75
Unity Valley	13.83	4.84	7	11	8.59
Moneague	11.19	4.60	8	19	7.75
Claremont	5.15	1.70	7	4	5.98
Albion	10.83	3.00	7	12	6.82
Averham Park	9.40	3.18	7	9	5.70
Means	15.60	...	...	...	10.78

NORTHERN DIVISION.	JUNE, 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	9.70	1.85	7	13	4.47
Ocho Rios	4.90	2.00	8	4	4.63
Drax Hall	8.14	3.40	7	8	5.48
Liberty Hill	5.04	2.09	8	5	...
St. Ann's Bay	5.11	3.50	7	6	5.73
Richmond Estate	7.25	2.75	8	5	4.92
Llandovery	8.06	4.23	7	4	4.26
Southfield	6.61	3.24	7	5	6.19
Brown's Town	5.75	2.75	7	9	4.12
Hyde Park	...	...	...	...	...
Dry Harbour	4.74	3.28	7	4	3.86
Chewmagna	5.48	2.85	7	10	6.91
Home Castle	4.78	2.50	7	8	4.16
Richmond Pen	3.30	2.80	7	3	5.18
Mahogany Hall	6.07	2.40	7	12	5.35
Brampton Bryan	4.59	1.85	7	9	3.46
Bryan Castle	4.80	2.30	7	6	3.47
Braco	5.97	2.00	7	9	3.14
Arcadia	3.72	2.00	7	8	4.38
Harmony Hall	4.94	1.80	7	7	2.84
Lancaster	...	...	...	...	...
Vale Royal	4.05	2.36	7	7	4.43
Colchis Pen	3.38	2.90	7	2	4.89
Hyde	...	...	...	...	...
Georgia	3.33	1.80	7	9	3.78
Long Pond	2.53	1.50	7	10	4.56
Hyde Hall	5.05	2.25	7	9	...
Steelfield	...	...	...	...	...
Etingdon	3.05	1.85	7	5	...
Oxford	..	...	..	...	...
Cambridge	4.02	1.90	7	11	4.93
Lottery	2.95	2.00	7	4	4.09
Falmouth P.W.D.	5.18	2.20	7	10	2.75
Holland Pen	3.62	2.05	7	6	4.03
Tilston	...	...	...	...	...
Kent	4.39	2.05	14	6	3.74
Dundee	...	...	...	...	
Phœnix	...	...	...	...	...
Gales Valley	...	...	...	...	...
Canaan	...	...	...	...	...
Lima	5.90	1.55	7	10	5.64
Content	7.43	1.75	15	10	4.20
Moor Park	5.34	1.48	15	14	10.43
Success	4.15	1.50	7	6	2.64
Cinnamon Hill	3.69	1.03	7	7	3.28
Rose Hall	3.60	1.30	5	10	3.10
Running Gut	2.76	1.17	7	7	3.11
Spring	...	...	...	...	...
Ironshore	...	...	...	...	...
Montego Bay	5.11	2.00	15	10	7.43
Fairfield, St. James	5.23	2.45	15	5	7.68
Irwin	7.26	2.80	15	11	...
Anchovy	...	...	...	...	
Round Hill	5 65	1.50	30	11	6.11
Sandy Bay	5.70	1.27	30	13	7.55
Lucea	6.09	1.08	10	12	9.04
Westfield	12.10	1.63	7	17	...

Central Sub-Division	June, 1906.				
	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	12. 86	4.37	7	20	6.07
Shanton	17.48	6.20	8.9	17	...
Linstead	18.00	4.40	7	22	8.25
Berkshire Hall	13.08	3.10	8	15	11.33
Point Hill	27.97	8.00	7	18	10.06
Carew Castle	13.59	5.22	7	14	...
Worthy Park	16.36	4.45	7	17	6.93
Good Hope	...	...	...	...	...
Chapelton	17.68	4.60	7	15	6.91
Danks Works	15.75	5.30	8	14	...
Savoy House	17.03	8.48	8	16	10.81
Mears	...	...	...	...	...
Cave Valley	8.95	4.20	7	7	7.66
Means	7.02	...	...	...	5.45
West Central Division					
Mocho	...	...	...	...	...
Baillieston	...	...	...	..	...
Farm Plantation	22.46	6.50	6	16	10.76
Brokenhurst	18.83	4.75	7	19	13.71
Christiana	9.74	3.95	7	18	8.38
Chudleigh	10.51	4.18	7	16	...
Kendal, Manchester	13.76	4.00	7	11	13.35
Marshalls Pen	13.77	3.60	7	17	...
Mandeville, P.W.D	18.16	4.83	7	24	7.29
Carlton, Mandeville	16.25	4.21	6	20	14.30
Fairfield, Manchester	10.20	3.82	7	17	10.08
Ulster Spring	7.49	2.16	30	9	5.13
Low River	8.40	1.70	14	9	...
Troy	8.58	1.50	4	10	7.11
Windsor Pen, Trel.	9.25	2.46	7	10	9.26
Balaclava	8.11	2.42	7	13	4.60
Elim	..	...	...	...	...
Siloah	10 37	2.90	7	13	7.22
Appleton Ry. Station	...	...	...	...	...
Appleton Estate	11.45	2.77	7	14	...
Vauxhall	9.84	2.21	7	13	.
Kempshot	5.41	2.12	14	16	9.50
Kew Park	9.86	1.70	3.28	18	9.61
Hazelymph	7.25	1.10	21	18	7.79
King Gate	7.20	2.51	15	12	10.36
Darliston	10.68	1.48	8	19	12.90
Whithorn	10.64	1.70	29	18	9.80
Copse	...	...	...	...	...
Great Valley	8.75	1.65	30	23	13.38
Brownsville	8.84	1.66	30	15	14.51
Fontabelle	11.19	1.60	3	21	9.80
Morgan's Bridge	10.51	1.84	1	19	10.45
King's Valley	...	...	...	...	...
King's Vale Police St.	7.09	1.07	12	14	11.56
Means	10.94	...	...	...	10.04

Southern Division.	June, 1906.				
	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.	9.98	2.52	15	21	8.21
East Prospect	19.27	4.51	14	18	...
Morant Bay	19.43	4.00	14	20	10.26
Easington	24.22	6.05	7	17	9.56
Bull Bay	15.09	4.65	7	13	5.19
Gordon Town	9.93	3.95	7	14	5.73
Hope Gardens	11.70	3.39	7	16	5.30
Mona	...	...	...	...	...
Half-way Tree	11.96	3.67	7	18	4.02
Lunatic Asylum	11.32	4.14	7	15	5.25
Public Works Office	11.29	4.26	7	10	4.16
Plumb Point L. H.	12 27	4.02	7	14	4.39
Ballast Ground	11.51	4.78	7	12	...
Spanish Town	11.57	5.16	7	9	5.08
Hog Hole Pen	13.88	5.50	7	12	5.61
Browns Hall	29.86	7.50	7	19	9.82
Old Harbour	23.11	7.30	10	11	7.56
May Pen	20.44	5.58	7	18	6.95
Denbigh	21.80	6.65	14	10	...
Amity Hall	...	...	...	.	...
New Yarmouth	21.05	5.20	15	14	6.06
Milk River	20.46	5.42	7	16	...
Victoria Town	19.63	6.82	7	16	7.79
Stone's Hope	13.91	4.76	7	19	10.38
Newport, Manchester	11.95	3.11	7	16	10.30
Alligator Pond	9.55	4.37	7	5	6.04
Potsdam	8.52	3.80	7	12	5.92
Long Hill	9.09	2.20	7	11	5.97
Pepper	8.65	2.35	7	12	5.38
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	7.45	2.70	7	12	5.19
Santa Cruz	6.78	2.55	7	12	6.11
Pedro Plains	5.29	1.85	7	7	4.94
Black River	5.35	1.54	7	11	3.89
Spring Hill	8.08	1.55	29	13	..
Font Hill	5.20	1.55	29	10	5.75
Shrewsbury, Westd.	...	...	...	...	...
Peters Ville	10.23	2.95	29	11	7.93
Mount Edgecombe	10 06	3.31	25	15	6.23
Bluefields	15.96	1.65	22	12	9.67
Sweet River	8.18	2.00	6	10	7.21
Windsor, Sav.-la-Mar	7.23	2 40	5	18	6.51
Sav.-la-Mar P.W.D.	5.51	1.21	6	17	6.18
Retreat	10.13	1.61	3	17	7.26
White Hall	7.96	1.83	7	14	...
Negril Point L. H.	8.24	2.36	7	12	5.96
Means	12 33	...	...	...	6.60

NOTES.

COMPARATIVE TABLE OF RAINFALL.

(Based upon the "Average" Stations only.)

	JUNE.	
	1906.	Average.
	In.	In.
North Eastern Division .	15.60	10.78
Northern .	7.02	5.45
West Central .	10.94	10.04
Southern .	12.33	6.60
Means .	11.47	8.22

The Rainfall for June was therefore very much above the average for the whole Island. The greatest fall, 46.57 in., occurred at Ecclesdown in the north eastern division, while the least, 2.53 in., fell at Long Pond in the northern division.

At Unity Valley, St. Ann, two shocks of earthquake, on the 22nd, between 2 and 2.30 a.m.

At Windsor Pen, Trelawny, three shocks of earthquake on the 22nd at 1.50 a.m.
" " " " 2.20 a.m.
" " 26th " 1.50 p.m.

CORRIGENDUM—Weather Report No. 328, rainfall at Drax Hall. Read, total fall 7.42 in.; greatest fall in 24 hours, 4.60 in.; date, 19; No. of rainy days, 4.

MAY, 1906.

WEATHER REPORT No. 328. 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.		
Lima .	11.09	6.00	20	19
Success	7.65	4.25	20	9
Cinnamon Hill .	8.12	5.00	20	10
Rose Hall .	8.10	5.50	20	9
Running Gut .	6.40	3.69	20	9
Fairfield .	11.11	5.65	20	10
Round Hill .	7.35	5.10	20	8
Headworks .	13.01	8.02	21	12
Brokenhurst .	17.41	8.50	21	18
Denbigh .	15.40	12.00	19	4
Gordon Town .	14.09	5.65	21	14
Hardware Gap .	17.77	...	...	...
Irish Town	12.95	8.20	20	7
Ballast Ground .	11.65	6.05	21	6
Half way Tree .	12.88	7.12	21	8
Lawrence Tavern .	11.42	6.33	21	11
Bull Bay	15.63	5.90	21	...
Marshalls Pen .	9.83	2.80	21	13

CHAS. ALLEN,
Acting Island Chemist.

No. 330.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

JULY, 1906.

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 standard 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	29.948	29.922	78.0	84.0	87.2	73.2	14.0	89.1	2,15	69.1	25	20.0
Castleton Gardens .	496	..	...	70.8	84.7	88.7	70.4	18.3	96	27	67	*1	28.
Hope Gardens .	668	29.962	29.878	74.0	87.4	91.6	75.5	16.1	97	26	68	29	29.
Stony Hill Reformatory .	1,400	...	...	73.1	83.4	86.8	67.8	19.0	90	27	66	*1	24.
Hill Gardens .	4,907	25.247	25.231	63.5	68.3	73.1	58.8	14.3	79	26	58	*1	21.

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	72.5	83	75.3	75	4.83	175	E. W.E.	3.8	E.	6.5	0.6	0.5	3.5	2.0	6.4	0.0
Castleton Gardens .	496	69.9	96	76.7	77	4.88	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	668	67.5	81	74.2	65	1.84	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	69.3	87	71.9	68	7.04	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	58.0	80	64.2	87	2.99	...	...	...	...	...	-	...	...	...	...	...

* And on other days.

RAINFALL FOR JULY, 1906.

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, 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Hordley	...	...	...	...	...
Manchioneal	3.60	1.30	6	5	7.25
Ecclesdown	8.75	1.62	29	11	...
Elmwood	8.75	1.62	29	11	...
Bath	5.20	1.60	2	14	10.37
Moore Town	10.25	5.25	1	5	22.81
Port Antonio	5.93	2.45	2	16	12.45
Fellowship	12.13	4.40	2	13	17.99
Johnson River Bridge	6.02	1.54	2	7	9.22
Shrewsbury	4.35	1.16	6	10	11.38
Cedar Valley, St. Thos	2.40	1.90	2	3	7.18
Farm Hill	...	...	...	...	...
Hill Gardens	2.99	1.00	16	10	3.83
Buff Bay	5.25	2.64	2	6	8.40
Greenvale	1.98	0.57	2	10	...
Mt. Holstein	2.12	0.51	30	13	3.66
Hardware Gap	5.04	...	...	...	4.29
Irish Town	1.87	0.90	2	3	...
Annotto Bay	...	...	...	...	...
Stony Hill Reft.	7.04	1.60	2	15	5.36
Castleton Gardens	4.83	0.83	2	11	6.28
Lawrence Tavern	8.17	1.45	18	9	5.50
Quebec	...	...	...	...	...
Water Valley	1.21	0.83	2	3	4.14
Agualta Vale	0.88	0.50	2	4	...
Richmond, St. Mary	1.04	0.35	30	6	4.01
Kendal, St. Mary	5.41	3.42	29	6	...
Gayle, P.W.D.	0.59	0.30	2	4	3.95
Rio Hoe	2.95	1.08	30	8	4.41
Unity Valley	5.67	3.23	7	11	5.82
Moneague	3.29	1.22	7	9	4.80
Claremont	1.75	1.00	30	2	3.85
Albion	1.92	0.74	7	9	4.32
Averham Park	2.21	1.0	30	8	3.43
Means	4.41	...	...	...	7.28

Northern Division.	July, 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	1.57	0.61	2	5	4.37
Ocho Rios	0.00	0.00	...	...	2.74
Drax Hall	1.89	0.68	8	5	3.02
Liberty Hill	2.28	1.45	9	4	...
St. Ann's Bay	1.61	0.36	8	10	3.24
Richmond Estate	0.92	0.56	8	3	2.48
Llandovery	0.76	0.30	7	4	2.10
Southfield	1.11	0.50	7	3	4.11
Brown's Town	0.84	0.36	24	4	2.99
Hyde Park	2.35	0.90	6	6	3.80
Dry Harbour	1.15	1.15	8	1	1.71
Chewmagna	2.42	0.80	7	8	3.71
Home Castle	0.65	0.45	7	2	2.35
Richmond Pen	1.20	0.85	7	2	2.90
Mahogany Hall	5.66	1.94	19	10	9.59
Brampton Bryan	1.50	0.65	19	6	2.28
Bryan Castle	0.50	0.35	8	4	1.89
Braco	0.17	0.10	10	2	1.77
Arcadia	1.02	0.80	7	3	2.08
Harmony Hall	0.81	0.33	8	4	1.57
Lancaster	...	...	...	...	...
Vale Royal	1.66	0.92	7	7	2.94
Colchis Pen	6.00	2.40	19	4	3 12
Hyde	6.10	1.20	5	12	4.83
Georgia	1.76	0.82	7	5	2.28
Long Pond	2.53	0.93	21	8	3.26
Hyde Hall	2.20	1.00	7	8	...
Steelfield	1.80	0.75	7	6	2.97
Etingdon	1.65	0.50	7	7	...
Oxford	1.90	1.20	7	5	2.34
Cambridge	2.11	0.80	7	7	3.22
Lottery	1.19	0.50	7	5	2.35
Falmouth P.W.D.	1.14	0.68	7	4	1.72
Holland Pen	3.15	1.56	7	5	2.08
Tilston	...	...	...	...	...
Kent	0.98	0.42	8	4	1.71
Dundee	...	...	...	...	...
Phœnix	...	...	...	...	...
Gales Valley	...	...	...	...	...
Canaan	...	...	...	...	...
Lima	0.25	0.15	19	2	2.41
Content	0.90	0.35	8	3	2.27
Moor Park	2.93	1.70	13	7	3 47
Success	0.85	0.85	7	1	1.63
Cinnamon Hill	1.06	0.38	30	3	1.38
Rose Hall	0.80	0.50	7	3	1.18
Running Gut	1.13	0.41	30	5	1.27
Spring	...	...	...	...	...
Ironshore	...	...	...	...	...
Montego Bay	0.9.	0.41	13	6	3.68
Fairfield, St. James	0.66	0.66	13	1	3.96
Irwin	1.95	1.00	13	5	...
Anchovy	...	...	...	...	...
Round Hill	2 00	0.80	9	6	3.99
Sandy Bay	4.00	1.10	5	7	5.42
Lucea	5.68	1.20	8	11	5.25
Westfield	12.46	1.87	7	20	...

Central Sub-Division	July, 1906.					Southern Division.	July, 1906.				
	Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.		In.	In.			In.
Headworks, Rio Cobre	2.45	0.94	10	7	3.80						
Shanton	7.27	1.05	12	14	...	Morant Point L. H.	1.25	0.48	3	10	3.37
Linstead	7.05	1.90	2	16	6.04	East Prospect	6.18	2.49	6	9	...
Berkshire Hall	4.70	1.20	7	12	4.40	Morant Bay	4.51	1.11	30	10	6.26
Point Hill	4.30	1.11	17	11	6.35	Easington	4.44	1.90	2	10	6.89
Carew Castle	8.76	1.93	13	15	...	Bull Bay	1.20	1.20	2	1	2.73
Worthy Park	2.33	1.35	2	6	4.44	Gordon Town	2.58	1.02	2	7	2.92
Good Hope	...	...	...	...	...	Hope Gardens	1.84	0.92	12	7	2.82
Chapelton	2.39	0.95	2	8	4.03	Mona	...	...	...	...	...
Danks Works	2.31	1.22	2	4	...	Half-way Tree	0.66	0.48	2	3	2.01
Savoy House	2.43	1.30	2	4	3.16	Lunatic Asylum	0.75	0.40	2	2	1.64
Mears	...	...	...	...	...	Public Works Office	0.83	0.45	2	5	1.86
Cave Valley	2.10	0.40	11	7	4.82	Plumb Point L. H.	0.00	0.00	...	...	2.04
						Ballast Ground	0.46	0.46	2	1	...
Means	2.06	...	...	...	3.23	Spanish Town	0.66	0.46	2	2	2.69
						Hog Hole Pen	1.13	0.87	16	2	2.65
West Central Division.						Browns Hall	5.24	2.00	29	9	4.22
						Old Harbour	0.00	0.00	...	...	2.83
Mocho	...	...	...	...	...	May Pen	1.03	0.70	2	3	5.53
Baillieston	4.83	1.20	21	10	4.54	Denbigh	...	...	...	...	...
Farm Plantation	2.15	1.60	2	6	5.17	Amity Hall	...	...	...	...	...
Brokenhurst	2.53	1.76	2	8	6.53	New Yarmouth	1.06	1.06	2	1	2.53
Christiana	3.70	1.10	2	9	4.39	Milk River	1.89	1.85	2	2	...
Chudleigh	4.68	1.07	2	10	...	Victoria Town	1.20	0.79	2	4	2.90
Kendal, Manchester	8.00	3.00	29	6	5.36	Stone's Hope	...	...	...	...	...
Marshalls Pen	6.67	2.75	2	7	...	Newport, Manchester	0.32	0.20	7	2	4.31
Mandeville, P.W.D	9.50	3.43	2	14	5.91	Alligator Pond	0.00	0.00	...	...	3.15
Carlton, Mandeville	6.77	3.15	2	8	4.86	Potsdam	1.49	0.85	10	3	2.82
Fairfield, Manchester	2.45	1.28	2	8	3.11	Long Hill	1.05	0.63	2	5	3.47
Ulster Spring	3.59	1.48	5	9	4.70	Pepper	1.80	0.55	3	6	3.15
Low River	1.55	0.60	9	4	...	Torrington	...	...	...	...	...
Troy	7.79	1.50	3	13	7.24	Bethlehem, St. Eliz.	2.16	1.27	11	5	3.20
Windsor Pen, Trel.	3.95	1.60	5	9	6.72	Santa Cruz	5.00	1.48	11	9	5.23
Balaclava	2.06	1.04	11	5	...	Pedro Plains	0.95	0.40	11	3	1.46
Elim	..	...	...	...	...	Black River	3.41	0.90	11	9	4.74
Siloah	4.95	1.20	11	10	7.27	Spring Hill	2.27	0.58	21	10	...
Appleton Ry. Station	...	...	...	...	...	Font Hill	6.05	2.55	29	10	5.30
Appleton Estate	6.16	1.65	10	12	...	Shrewsbury, Westd.	...	...	...	...	...
Vauxhall	9.23	2.83	2	15	...	Peters Ville	9.04	2.76	2	18	5.32
Kempshot	4.35	1.27	13	10	6.53	Mount Edgecombe	9 61	2.56	2	16	6 56
Kew Park	10.14	1.80	19	20	10.41	Bluefields	15.18	2.70	17	16	6.82
Hazelymph	8.65	1.40	12	16	9.29	Sweet River	9.08	1.81	5	12	7.28
King Gate	4.35	1.13	26	11	5.83	Windsor, Sav.-la-Mar	6.57	0 82	8	17	6.81
Darliston	10.91	1.84	20	23	11.59	Sav.-la-Mar P.W.D.	6.43	1.07	6	16	5.57
Whithorn	9.83	1.54	31	18	10.67	Retreat	...	...	...	...	...
Copse	...	...	...	...	...	White Hall	...	...	...	...	...
Great Valley	...	...	...	...	...	Negril Point L. H.	4.83	0.84	5	15	5.76
Brownsville	11.68	3.94	6	16	11.36						
Fontabelle	...	...	...	...	...						
Morgan's Bridge	10.36	1.97	8	21	11.52						
King's Valley	14.31	4.52	11	8	11.94						
King's Vale Police St.	9.44	1.10	1	18	12.82						
Means	7.01	...	...	...	7.63	Means	3.28	...	...	...	4.02

NOTES.

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

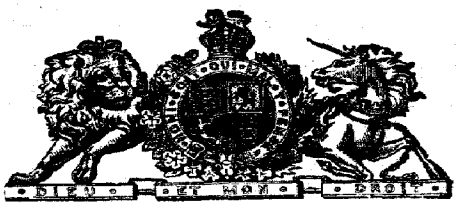
	July.	
	1906.	Average.
	In.	In.
North Eastern Division .	4.41	7.28
Northern .	2.06	3.23
West Central .	7.01	7.63
Southern .	3.28	4.02
Means .	4.19	5.64

The Rainfall for July was therefore below the average for the whole Island. The greatest fall, 15.18 in. occurred at Bluefields in the Southern division, while no rain fell at Ocho Rios in the Northern division, or at Plumb Point L. H., Old Harbour and Alligator Pond in the Southern division.

CHAS. ALLAN,
Acting Island Chemist.

Weather Office, Government Laboratory
Kingston.

No. 331.



JAMAICA

WEATHER REPORT

FOR THE MONTH OF

AUGUST, 1906.

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 standard 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 cato-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	29.937	29.906	78.9	88.4	87.3	72.7	14.6	91.0	20	66.1	18	24.9
Castleton Gardens .	496	..	...	70.4	82.6	88.1	70.3	17.8	91.0	12	68	22, 31	23
Hope Gardens .	668	29.922	29.870	73.1	85.1	90.8	72.4	18.4	94	1,25	66	29	28
Stony Hill Reformatory .	1,400	...	...	73.2	81.6	86.9	68.4	18.5	89	*1	66	7, 9	23
Hill Gardens .	4,907	25.224	25.218	63.3	66.8	71.5	58.3	13.2	75	*1	57	7, 29	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	72.9	82	73.0	71	4.37	184	E. N.E.	4.7	E.	8.3	1.0	0.8	3.4	1.9	6.6	0.0
Castleton Gardens .	496	68.6	96	76.0	78	3.78	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	668	68.7	87	74.8	69	3.65	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	70.3	90	72.9	75	5.52	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	57.7	83	63.5	90	8.85	...	...	...	...	...	.	...	...	...	...	...

* And on other days.

RAINFALL FOR AUGUST, 1906.

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, 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In			In.
Hordley	...	...	...	...	...
Manchioneal	8.17	2.60	5	9	10.53
Ecclesdown	...	...	...		...
Elmwood	8.69	2.00	6	14	...
Bath	8.39	2.50	5	17	9.93
Moore Town	14.35	5.20	5	5	16.73
Port Antonio	15.36	3.40	6	22	10.95
Fellowship	21.40	3.84	22	20	14.35
Johnson River Bridge	14.48	4.10	6	14	10.26
Shrewsbury	12.06	3.60	6	12	9.45
Cedar Valley, St. Thos	11.90	4.75	6	6	9.61
Farm Hill	...	...	...	...	...
Hill Gardens	8.85	2.50	6	15	8.16
Buff Bay	7.70	2.80	6	12	5.88
Greenvale	5.44	1.54	7	14	...
Mt. Holstein	6.00	1.91	6	20	8.15
Hardware Gap	...	...	...	...	...
Irish Town	...	...	...	...	...
Annotto Bay		...	...	...	...
Stony Hill Refl.	5.52	1.40	6	18	9.72
Castleton Gardens	8.78	1.44	6	16	10.10
Lawrence Tavern	...	...	...	...	...
Quebec	...	...	...	...	...
Water Valley	5.32	1.41	7	8	6.34
Agualta Vale	5.82	1.66	7	9	...
Richmond, St. Mary	5.20	1.30	6	14	4.83
Kendal, St. Mary	8.05	2.74	6	14	...
Gayle, P.W.D.	...	...	...	...	...
Rio Hoe	4.82	1.11	6	14	6.35
Unity Valley	6.10	1.24	8	18	6.55
Moneague	5.52	1.10	6	18	6.13
Claremont	...	...	...	...	...
Albion	...	...	...	...	...
Avernam Park	5.74	1.56	13	15	4.77
Means	9.25	...	...	...	8.88

NORTHERN DIVISION.	AUGUST, 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	10.89	4.48	7	12	4.55
Ocho Rios	...	...	...	...	...
Drax Hall	3.65	1.47	7	5	3.72
Liberty Hill	4.40	1.39	15	7	...
St. Ann's Bay	2.53	0.79	6	11	2.75
Richmond Estate	1.91	0.75	7	7	3.53
Llandovery	2.44	0.95	6	6	2.97
Southfield	2.66	0.57	15	8	3.37
Brown's Town	...	...	...	...	...
Hyde Park	5.62	1.30	17	12	4.10
Dry Harbour	...	...	...	...	...
Chewmagna	5.60	0.90	28	16	4.86
Home Castle	3.35	1.40	15	5	3.56
Richmond Pen	2.95	0.60	28	7	4.98
Mahogany Hall	3.72	0.85	18	11	6.02
Brampton Bryan	2.21	0.62	18	8	3.36
Bryan Castle	1.30	0.45	8	5	2.96
Braco	1.00	0.43	8	5	2.98
Arcadia	1.77	0.90	18	6	3.48
Harmony Hall	0.97	0.46	8	3	2.65
Lancaster	...	...	...	...	...
Vale Royal	3.04	0.96	18	9	4.59
Colohis Pen	8.22	2.00	14	9	5.18
Hyde	5.97	2.64	18	11	5.62
Georgia	3.63	1.80	14	8	3.69
Long Pond	2.87	0.73	14	9	3.24
Hyde Hall	4.85	1.10	28	9	...
Steelfield	3.12	0.75	18	7	3.65
Etingdon	2.20	0.50	18	8	...
Oxford	3.60	1.45	18	7	2.90
Cambridge	6.11	1.85	16	9	3.39
Lottery	4.22	1.60	15	7	3.46
Falmouth P.W.D.	2.62	0.62	16	9	2.82
Holland Pen	...	...	...	...	...
Tilston	..	...	...	...	...
Kent	4.81	1.15	14	12	3.06
Dundee	...	...	...	...	
Phœnix	...	...	...	...	...
Gales Valley	...	...	...	...	...
Canaan	...	...	...	...	...
Lima	4.22	0.58	27	11	3.25
Content	4.99	1.60	14	8	4.33
Moor Park	5.34	1.52	14	13	3.10
Success	3.50	1.20	14	6	2.02
Cinnamon Hill	2.49	0.84	4	6	2.18
Rose Hall	2.50	0.50	4	6	1.91
Running Gut	1.93	0.55	16	7	2.66
Spring	...	...	...	...	...
Ironshore	...	...	...	...	...
Montego Bay	3.74	1.85	14	15	5.26
Fairfield, St. James	2.97	1.09	14	7	5.89
Irwin	6.45	1.90	14	13	...
Anchovy	...	...	...	...	...
Round Hill	2 60	0.50	6	7	5.04
Sandy Bay	5.61	1.15	16	13	6.46
Lucea	9.86	1.97	16	17	6.73
Westfield	8.89	1.51	28	18	...

Central Sub-Division.	August, 1906.				
	Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Headworks, Rio Cobre	3.78	1.72	20	8	5.92
Shanton	11.31	3.05	21	16	...
Linstead	10.99	1.90	27	23	8.24
Berkshire Hall	5.95	1.40	6	19	6.49
Point Hill	7.78	1.90	4	9	13.77
Carew Castle	11.44	2.21	28	16	...
Worthy Park	9.66	2.05	13	13	5.16
Good Hope	...	...	...	...	...
Chapelton	3.95	0.95	6	9	7.06
Danks Works	4.99	1.57	7	9	...
Savoy House	4.02	1.44	7	9	5.92
Mears	...	...	...	...	...
Cave Valley	9.27	1.65	30	12	7.13
Means	4.38	...	...	...	4.47
West Central Division.					
Mocho	...	...	...	...	...
Baillieston	5.44	0.94	11	14	6.46
Farm Plantation	5.01	1.80	6	10	7.42
Brokenhurst	3.92	1.55	6	8	7.44
Christiana	4.63	0.56	12	16	5.58
Chudleigh	5.89	1.22	4	11	...
Kendal, Manchester	3.60	1.10	6	5	7.44
Marshalls Pen	5.79	1.98	6	10	...
Mandeville, P.W.D	6.68	2.32	6	20	8.10
Carlton, Mandeville	...	...	...	...	...
Fairfield, Manchester	4.51	2.23	6	9	5.58
Ulster Spring	3.96	0.62	15	10	7.26
Low River	6.82	1.75	11	9	...
Troy	...	...	...	...	...
Windsor Pen, Trel.	9.12	2.95	17	16	8.49
Balaclava	7.48	1.79	15	11	6.89
Elim	..	...	...	...	...
Siloah	15 72	2.20	10	11	10.58
Appleton Ry. Station	...	...	...	...	...
Appleton Estate	17.55	2.88	10	16	...
Vauxhall	11.73	1.75	10	14	...
Kempshot	6.86	1.43	17	19	8.61
Kew Park	13.12	1.98	27	16	11.83
Hazelymph	11.08	2.25	16	17	11.11
King Gate	7.28	1.22	15	14	5.32
Darliston	15.05	1.88	21	24	14.72
Whithorn	13.18	1.80	1	22	11.39
Copse	...		...	...	...
Great Valley	10.80	3.50	16	9	11.97
Brownsville	15.75	3.30	16	18	12.25
Fontabelle	8.58	2.00	27	10	11.98
Morgan's Bridge	9.38	1.75	8	23	11.71
King's Valley	4.56	1.35	26	6	12.47
King's Vale Police St.	7.76	0.92	27	18	11.23
Means	8.41	...	...	...	9.38

Southern Division.	August, 1906.				
	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.	6.75	1.93	7	18	5.34
East Prospect	8.95	3.97	6	10	...
Morant Bay	7.31	3.62	6	14	5.97
Easington	8.77	2.70	6	15	5.93
Bull Bay	...	...	...	...	...
Gordon Town	...	...	...	...	...
Hope Gardens	3.65	0.87	6	7	5.62
Mona	...	...	...	...	...
Half-way Tree	...	...	...	...	...
Lunatic Asylum	3.90	1.82	6	6	2.28
Public Works Office	4.10	1.40	6	7	3.93
Plumb Point L. H.	3.65	1.72	7	5	3.60
Ballast Ground	...	...	...	...	...
Spanish Town	4.17	1.41	21	5	4.23
Hog Hole Pen	3.62	2.16	9	4	4.82
Browns Hall	6.27	1.40	8	9	9.07
Old Harbour	3.71	1.60	6	3	4.86
May Pen	2.34	1.20	6	4	5.00
Denbigh	...	...	...	...	...
Amity Hall	...	...	...	...	...
New Yarmouth	2.32	1.15	6	2	3.84
Milk River	4.29	1.19	6	11	...
Victoria Town	7.05	2.15	6	9	3.75
Stone's Hope	5.63	2.16	6	11	6.18
Newport, Manchester	3.92	1.68	8	5	5.11
Alligator Pond	0.96	0.96	8	1	3.28
Potsdam	2.73	0.89	1	7	4.52
Long Hill	4.24	1.92	21	7	6.46
Pepper	6.75	2.95	21	5	6.17
Torrington	1.73	0.75	6	6	4.97
Bethlehem, St. Eliz.	3.72	1.25	2	11	5.18
Santa Cruz	4.87	1.26	26	12	8.70
Pedro Plains	3.46	1.25	21	4	2.42
Black River	4.61	1.16	10	13	6.92
Spring Hill	5.60	1.84	21	13	...
Font Hill	7.20	1.70	4	9	5.78
Shrewsbury, Westd.	...	...	...	...	...
Peters Ville	11.45	1.80	17	15	10.63
Mount Edgecombe	7.78	1.24	4	18	8.33
Bluefields	13.25	2.70	26	18	11.25
Sweet River	14.34	3.90	27	17	8.74
Windsor, Sav.-la-Mar	13.86	3.37	27	15	7.11
Sav.-la-Mar P.W.D.	10.83	2.58	8	20	7.31
Retreat	...	...	...	...	...
White Hall	6.67	1.70	30	15	...
Negril Point L. H.	4.87	1.46	8	11	6.50
Means	5.87	...	...	...	5.84

NOTES.

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

	August.	
	1906.	Average.
	In.	In.
North Eastern Division .	9.25	8.88
Northern .	4.38	4.47
West Central .	8.41	9.38
Southern .	5.87	5.84
Means .	6.98	7.14

The Rainfall for August was therefore below the average for the whole Island. The greatest fall, 21.40 in. occurred at Fellowship in the north eastern division while the least 0.97 in. fell at Harmony Hall in the northern division.

CHAS. ALLAN,
Acting Island Chemist.
22.9.'06.

Weather Office, Government Laboratory.
Kingston.

No. 332

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

SEPTEMBER, 1906.

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 standard 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	29.879	29.842	79.7	84.1	87.8	74.0	13.8	92.9	19	70.6	29	22.3
Castleton Gardens	496	..	...	70.3	80.7	87.0	70.3	17.7	92	11	67	*13	25
Hope Gardens	668	29.865	29.828	73.1	84.7	88.9	72.6	16.3	96	1	69	21	27
Stony Hill Reformatory	1,400	...	...	73.8	80.7	86.7	68.9	17.8	91	1	68	*13	23
Hill Gardens	4,907	25.204	25.182	63.5	65.8	69.4	58.8	10.6	76	1	57	14	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	74.5	84	74.4	78	4.46	242	E. N.E.	5.3	E. N.E.	10.2	1.7	1.0	1.7	2.2	5.9	0.8
Castleton Gardens	496	68.5	93	74.8	82	16.24	...	...	..	...	...	...	...	...	...	...	...
Hope Gardens	668	68.7	87	77.5	84	14.17	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory	1,409	70.4	89	72.2	75	19.28	...	...	...*	...	...	...	...	...	...	...	...
Hill Gardens	4,907	60.2	86	68.6	90	22.95	...	...	...	...	..	...	...	...	...	...	...

* And on other days.

RAINFALL FOR SEPTEMBER, 1906.

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.	SEPT, 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Hordley	...	...	...	...	...
Manchioneal	12.51	2.30	30	19	11.09
Ecclesdown	22.35	2.60	29	17	...
Elmwood	...	...	...	...	...
Bath	19.38	4.15	30	16	12.34
Moore Town	21.03	5.70	23	19	14.69
Port Antonio	13.60	3.12	19	17	10.89
Fellowship	19.40	4.85	30	19	13.50
Johnson River Bridge	15.79	4.00	30	13	10.02
Shrewsbury	15.01	2.92	9	16	13.50
Cedar Valley, St. Thos	23.45	5.30	30	12	12.15
Farm Hill	...	...	...	...	...
Hill Gardens	22.95	6.12	30	23	9.38
Buff Bay	7.39	1.65	19	12	5.66
Greenvale	18.31	2.87	16	25	...
Mt. Holstein	20.48	7.93	19	25	6.98
Hardware Gap	10.81	...	...	...	9.39
Irish Town	20.03	6.00	30	14	...
Annotto Bay	...	...	...	...	...
Stony Hill Refft.	19.28	3.00	5	19	9.80
Castleton Gardens	16.24	3.46	19	20	10.59
Lawrence Tavern	14.70	3.00	20	18	8.86
Quebec	...	...	...	...	...
Water Valley	5.47	1.10	19	13	4.78
Agualta Vale	5.44	0.76	19	12	...
Richmond, St. Mary	8.83	2.15	19	14	5.26
Kendal, St. Mary	10.81	2.40	26	13	...
Gayle, P.W.D.	11.87	2.03	21	16	4.99
Rio Hoe	6.81	1.69	21	15	5.93
Unity Valley	9.59	2.97	21	19	7.86
Monesgue	8.43	2.50	21	17	6.73
Claremont	...	...	...	...	...
Albion	15.35	3.41	3	19	6.72
Averham Park	10.41	2.75	15	16	4.40
Means	14.29	...	...	...	8.94

NORTHERN DIVISION.	SEPT., 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average
	In.	In.			In.
Port Maria	...	...	...	...	...
Ocho Rios	4.80	1.60	19	7	3.01
Drax Hall	5.12	1.12	6	8	3.79
Liberty Hill	5.30	1.90	20	8	...
St. Ann's Bay	2.94	0.74	18	10	2.78
Richmond Estate	4.80	1.10	10	10	4.49
Llandovery	5.34	1.36	18	10	3.40
Southfield	5.76	1.49	15	11	3.83
Brown's Town	7.14	2.00	16	18	4.63
Hyde Park	9.72	2.80	14	9	6.12
Dry Harbour	5.10	1 48	16	5	2.11
Chewmagna	10.64	3.10	14	14	6.73
Home Castle	8.48	3.20	16	15	4.13
Richmond Pen	6.72	3.05	5	12	5.70
Mahogany Hall	6.00	1.92	14	15	6.48
Brampton Bryan	2.57	1.10	14	11	3.80
Bryan Castle	2.97	1.00	18	9	3.32
Braco	1.66	0.90	18	6	3.30
Arcadia	1.33	0.50	18	7	4.03
Harmony Hall	3.67	1.22	18	7	3.56
Lancaster	...	...	...	...	...
Vale Royal	2.17	0.75	14	10	4.55
Colchis Pen	7.85	2.75	14	7	4 94
Hyde	3.98	1.42	15	13	6.14
Georgia	2.76	0.50	14	11	3.78
Long Pond	1.64	0.25	29	11	4.87
Hyde Hall	1.53	0.30	2	8	...
Steelfield	2.75	0.35	2	12	4.16
Etingdon	1.42	0.25	18	10	...
Oxford	2.65	0.5	20	9	3.66
Cambridge	2.32	0.50	30	9	4.47
Lottery	1.96	1.00	14	6	4.86
Falmouth P.W.D.	2.81	0.95	18	8	3.37
Holland Pen	1.88	0.73	19	6	3.60
Tilston	..	...	...	...	...
Kent	2.85	0.80	24	10	4.41
Dundee	...	...	...	...	
Phœnix	...	...	...	...	...
Gales Valley	...	...	...	...	...
Canaan	...	...	...	...	...
Lima	...	...	...	...	...
Content	3.06	1.32	14	10	4.77
Moor Park	7.40	2.21	25	16	5.13
Success	...	...	...	...	...
Cinnamon Hill	...	...	...	...	...
Rose Hall	...	...	...	...	...
Running Gut	...	...	...	...	...
Spring	...	...	...	...	...
Ironshore	...	...	...	...	...
Montego Bay	9.12	1.91	24	16	6.85
Fairfield, St. James	...	...	...	...	...
Irwin	5.85	0.90	5	17	...
Anchovy	...	...	...	...	...
Round Hill	...	...	...	...	...
Sandy Bay	6.28	1.75	24	13	7.01
Lucea	10,62	1.90	25	15	7.40
Westfield	15.45	2.76	20	16	...

Central Sub-Division	Sept., 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Headworks, Rio Cobre	10.40	2.12	23	19	6.17
Shanton	12.73	2.60	17	16	...
Linstead	11.53	2.22	5	16	7.89
Berkshire Hall	5.95	0.90	21	16	4.58
Point Hill	17.59	3.87	21	15	10.01
Carew Castle	11.23	2.43	29	15	...
Worthy Park	11.85	3.55	21	16	7.22
Good Hope	...	...	...	...	...
Chapelton	12.90	3.68	30	19	7.53
Danks Works	15.82	3.66	30	20	...
Savoy House	14.40	3.25	30	20	7.54
Mears	...	...	...	...	...
Cave Valley	11.17	3.50	5	11	7.36
Means	6.11	...	...	...	5.06
West Central Division					
Mocho	...	...	...	...	...
Baillieston	14.94	2.10	21	12	9.03
Farm Plantation	16.10	1.75	20	19	4.28
Brokenhurst	...	...	...	...	...
Christiana	14.39	2.50	5	19	9.70
Chudleigh	24.60	4.69	5	18	...
Kendal, Manchester	14.24	3.25	12	11	8.71
Marshalls Pen	17.04	2.60	22	20	...
Mandeville, P.W.D	17.53	3.56	22	23	9.79
Carlton, Mandeville	14.22	3.01	22	18	11.11
Fairfield, Manchester	10.46	2.15	27	21	7.47
Ulster Spring	8.13	2.09	13	13	7.92
Low River	17.30	2.00	6	15	...
Troy	19.06	3.10	5	18	13.73
Windsor Pen, Trel.	4.95	1.58	25	14	9.06
Wallingford	16.18	5.41	5	17	...
Balaclava	14.96	6.05	5	18	9.83
Elim	..	...	...	...	...
Siloah	11.58	1.40	28	15	11.74
Appleton Estate	9.59	2.64	17	20	...
Vauxhall	...	...	...	...	...
Kempshot	...	...	...	...	...
Kew Park	...	...	...	...	...
Hazelymph	10.55	2.62	25	19	10.13
King Gate	12.08	1.50	2	22	6.68
Darliston	15.43	2.13	27	25	12.84
Whithorn	11.25	2.52	17	19	11.01
Copse	...		...	...	...
Great Valley	14.21	3.75	5	16	12.29
Brownsville	16.21	4.20	5	18	12.81
Fontabelle	7.64	1.83	30	10	10.02
Morgan's Bridge	10·17	2.11	30	20	10.72
King's Valley	10.22	1.54	15	10	12.02
King's Vale Police St.	5.53	1.60	20	12	11.01
Means	12.45	...	...	...	10.89

Southern Division.	Sept., 1906. 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.	6.46	1.42	15	19	7.37
East Prospect	12.01	2.07	30	12	...
Morant Bay	18.41	5.35	30	12	7.63
Easington	13.06	3.30	30	15	8.46
Bull Bay	7.30	2.30	21	10	4.85
Gordon Town	19.86	9.03	30	14	7.91
Hope Gardens	14.17	5.57	30	18	6.79
Mona	...	...	...	...	...
Half-way Tree	8.46	2.41	30	20	4.83
Lunatic Asylum	7.16	3.80	30	10	3.90
Public Works Office	5.57	2.30	30	10	4.12
Plumb Point L. H.	24.64	2.90	30	27	3.86
Ballast Ground	6.98	2.38	23	11	...
Spanish Town	7.40	2.50	28	8	5.14
Hog Hole Pen	7.27	2.68	23	7	6.14
Browns Hall	15.90	3.66	21	13	8.65
Old Harbour	9.96	4.05	21	13	5.97
May Pen	16.93	3.99	30	16	7.44
Denbigh	...	...	...	...	...
Amity Hall	...	...	...	...	...
New Yarmouth	10.55	2.87	21	15	6.22
Milk River	14.67	2.40	30	17	...
Victoria Town	13.44	3.06	30	12	6.77
Stono's Hope	12.66	3.07	21	21	8.17
Newport, Manchester	9.68	1.79	21	15	7.42
Alligator Pond	4.54	1.10	22	5	5.13
Potsdam	7.06	1.40	28	12	5.48
Long Hill	...	...	...	...	...
Pepper	9.60	2.05	27	18	8.44
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	8.64	1.86	27	19	6.16
Santa Cruz	9.59	1.76	28	18	10.06
Pedro Plains	7.34	1.03	30	16	4.78
Black River	7.66	2.72	17	16	5.55
Spring Hill	4.76	0.81	7	15	...
Font Hill	4.50	1.50	30	9	6.78
Shrewsbury, Westd.	...	...	...	...	...
Peters Ville	5.14	1.19	13	16	9.34
Mount Edgecombe	6.17	2.02	30	13	7.77
Bluefields	12.74	2.20	29	12	9.90
Sweet River	9.94	1.55	17	15	7.56
Windsor, Sav.-la-Mar	6.60	1.50	30	14	7.13
Sav.-la-Mar P.W.D.	5.85	1.65	30	12	6.79
Retreat	...	...	...	...	...
White Hall	5.74	0.84	19	17	...
Negril Point L. H.	4.46	0.87	22	9	6.22
Means	9.96	...	...	...	6.78

NOTES.

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

	SEPT.	
	1906.	Average.
	In.	In.
North Eastern Division .	14.29	8.94
Northern .	6.11	5.06
West Central .	12.45	10.89
Southern .	9.96	6.73
Means .	10.70	7.91

The Rainfall for September was therefore much above the average for the whole Island. The greatest fall, 24.60 in. was recorded at Chudleigh in the west central division, while the least, 1.33 in. fell at Arcadia in the northern division.

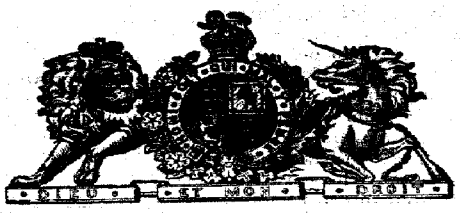
AUGUST, 1906.

WEATHER REPORT No. 331. 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.		
Half way Tree .	5.51	1.62	8	8
Lawrence Tavern .	10.33	1.80	6	18
Ballast Ground .	4.82	1.45	7	6
Bull Bay .	5.80	2.15	6	6
Gordon Town .	6.47	3.22	6	7
Hardware Gap .	5.98	...	...	...
Irish Town .	6.40	3.40	6	5
Holland .	4.12	1.45	15	8

CHAS. ALLAN,
Acting Island Chemist.

Weather Office, Government Laboratory.
Kingston.

No. 333.



JAMAICA

WEATHER REPORT

FOR THE MONTH OF

OCTOBER, 1906.

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 standard 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	29.883	29.838	78.7	83.0	86.4	73 3	13.1	88.8	26	69.6	25	19.2
Castleton Gardens	496	..	...	69.8	79.6	85.9	69.6	16.3	89	23	65	21	24
Hope Gardens	668	29.874	29.820	71.1	83.3	88.9	70.5	18.4	94	5, 6	68	*13	26
Stony Hill Reformatory	1,400	...	...	72.8	80.4	86.3	68.3	18.0	89	*5	66	*15	23
Hill Gardens	4,907	25.190	25.167	62.9	65.8	69.8	58.1	11.7	75	30	56	*10	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	73.5	84	73.4	73	9.33	226	E.	8.6	E.	10.4	1.6	1.9	2.5	1.9	4.4	1.1
Castleton Gardens	496	68.0	93	74.3	82	11.96	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens	668	68.2	90	75.9	79	7.59	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory	1,400	70.0	90	73.2	78	11.58	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens	4,907	58.1	88	61.7	87	6.37	...	...	...	...	..		...	...	...	...	...

* And on other days.

RAINFALL FOR OCTOBER, 1906.

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.	OCT., 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Hordley	...	...	...	...	...
Manchioneal	12.66	2.65	1	18	19.75
Ecclesdown	17.44	3.84	1	20	...
Elmwood	11.83	2.00	30	15	...
Bath	9.78	3.95	1	20	20.83
Moore Town	14.65	6.65	8	10	22.67
Port Antonio	9.33	2.70	31	19	14.37
Fellowship	14.42	3.35	31	17	18.04
Johnson River Bridge	9.80	3.30	1	11	16.32
Shrewsbury	9.05	1.82	24	14	12.95
Cedar Valley, St. Thos	7.93	3.00	1	9	23.27
Farm Hill	...	...	...	...	...
Hill Gardens	8.37	2.12	14	16	18.87
Buff Bay	4.60	1.30	24	7	12.16
Greenvale	9.82	4.50	12	19	...
Mt. Holstein	14.97	2.87	1	21	12.15
Hardware Gap	6.69	...	...	...	18.34
Irish Town	5.74	2.50	17	9	...
Annotto Bay	...	...	...	...	...
Stony Hill Refl.	11.58	2.50	12	22	14.70
Castleton Gardens	11.96	2.82	24	17	15.76
Lawrence Tavern	12.94	3.32	24	12	13.75
Quebec	...	...	...	...	...
Water Valley	3.19	0.82	23	8	9.99
Agualta Vale	3.19	0.66	23	11	...
Hampstead	6.40	2.00	23	12	...
Richmond, St. Mary	5.14	0.82	15	11	10.60
Kendal, St. Mary	6.96	1.80	15	12	...
Gayle, P.W.D.	3.62	1.67	23	9	9.59
Rio Hoe	9.43	3.61	12	12	9.74
Unity Valley	10.42	3.72	23	18	9.27
Moneague	4.41	0.85	23	15	10.39
Albion	3.44	1.35	13	12	9.10
Avernam Park	5.38	1.57	9	13	9.66
Means	8.86	...	...	...	14.45

NORTHERN DIVISION.	OCT., 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	6.08	1.26	12	15	8.82
Ocho Rios	2.70	1.60	7	4	6.22
Drax Hall	7.81	2.62	7	7	7.67
Liberty Hill	5.58	1.50	24	8	...
St. Ann's Bay	5.26	1.17	6	13	7.58
Richmond Estate	3.89	0.83	18	10	7.79
Llandovery	3.60	0.97	7	10	7.60
Southfield	5.30	1.49	7	12	6.73
Brown's Town	5.09	3.24	12	9	9.38
Hyde Park	9.73	3.33	25	7	10.00
Dry Harbour	2.87	0.88	6	4	5.12
Chewmagna	7.08	2.18	24	9	9.60
Home Castle	4.05	2.40	5	12	6.98
Richmond Pen	4.10	1.35	19	8	7.93
Mahogany Hall	2.61	1.43	12	6	8.25
Brampton Bryan	3.80	2.72	12	6	5.19
Bryan Castle	4.31	2.00	12	7	5.64
Braco	2.44	0.76	28	8	5.33
Arcadia	2.16	0.80	12	6	6.10
Harmony Hall	2.95	1.35	12	9	5.82
Lancaster	...	...	...	...	...
Vale Royal	2.44	0.70	12	10	6.44
Colchis Pen	7.85	2.75	14	7	8.30
Hyde	3.64	0.97	23	9	7.37
Georgia	2.83	0.90	12	7	6.13
Long Pond	1.90	0.62	12	10	6.81
Hyde Hall	2.68	1.20	12	7	...
Steelfield	2.30	0.75	12	8	6.03
Etingdon	2.29	0.72	12	8	...
Oxford	2.65	0.90	12	9	6.98
Cambridge	3.00	1.00	23	11	6.43
Lottery	2.18	0.75	12	7	6.32
Falmouth P.W.D.	3.87	0.74	16	12	5.75
Holland Pen	4.73	1.57	16	10	5.99
Tilston	...	...	...	...	...
Kent	2.59	0.70	11	8	6.63
Dundee	...	...	...	...	...
Phœnix	...	...	...	...	...
Gales Valley	...	...	...	...	...
Canaan	...	...	...	...	...
Lima	2.76	1.23	24	5	7.43
Content	4.15	1.40	24	7	6.34
Moor Park	4.70	2.31	24	8	7.37
Success	3.95	1.80	28	10	6.15
Cinnamon Hill	4.28	1.22	19	10	6.58
Rose Hall	3.57	1.35	19	11	5.84
Running Gut	4.01	1.30	19	12	5.15
Spring	...	...	...	...	...
Ironshore	...	...	...	...	...
Montego Bay	5.74	1.69	19	12	7.77
Fairfield, St. James	6.85	2.45	19	8	7.39
Irwin	5.65	2.00	19	11	...
Anchovy	...	...	...	...	...
Round Hill	4.05	1.10	16	8	6.21
Sandy Bay	5.80	1.75	17	8	10.08
Lucea	4.20	0.84	8	12	8.92
Westfield	11.63	3.17	12	13	...

Central Sub-Division	Oct., 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Headworks, Rio Cobre	9.18	1.32	15	21	10.07
Shanton	20.52	2.95	14	24	...
Linstead	11 69	1.92	24	22	10.45
Berkshire Hall	5.20	1.05	24	14	8.69
Point Hill	17.15	3.58	24	21	16.57
Carew Castle	14.86	5.52	24	19	...
Worthy Park	7.12	1.84	24	13	10.71
Good Hope	...	...	...	...	...
Chapelton	11.80	2.88	23	18	12 21
Danks Works	9.74	2.50	14	13	...
Savoy House	10.77	2.67	14	15	10.13
Mears	...	...	...	...	...
Cave Valley	7.10	1.50	14	12	9.70
Means	5.08	...	...	...	7.65
West Central Division.					
Mocho	...	...	...	...	...
Baillieston	7.54	1.58	24	14	11.40
Farm Plantation	6.70	1.90	16	16	15.18
Brokenhurst	10.28	2.37	17	17	15.42
Christiana	11.66	3.50	11	15	13.02
Chudleigh	9.16	1.80	23	15	...
Kendal, Manchester	10.91	3.24	15	11	12.19
Marshalls Pen	9.68	1.50	19	18	...
Mandeville, P.W.D	13.57	2.25	19	26	16.64
Carlton, Mandeville	9.16	1.70	19	16	17.28
Fairfield, Manchester	7.99	1.66	19	18	10.21
Ulster Spring	5.36	1.36	24	8	10.50
Low River	5.77	1.07	29	11	...
Troy	11.03	3.74	25	14	16.96
Windsor Pen, Trel.	7.28	2.58	12	7	9.36
Wallingford	14.80	3.11	28	19	...
Balaclava	12.70	1.41	24	17	14.21
Elim	..	...	...	...	...
Siloah	13.78	3.36	12	16	13.60
Appleton Ry. Station	...	...	...	...	...
Appleton Estate	17.22	3.38	24	18	...
Vauxhall	14.58	3.71	24	20	.
Kempshot	6.99	4.08	13	9	9.70
Kew Park	11.57	1.75	31	19	11.58
Hazelymph	10.14	2.45	8	12	10.61
King Gate	4.74	1.05	19	9	10.37
Darliston	15.64	3.96	24	24	15.57
Whithorn	16.11	3.62	24	20	12.75
Copse	...		...	...	...
Great Valley	...	...	...	...	...
Brownsville	12.06	3.62	12	15	12.05
Fontabelle	7.79	1.87	29	10	9.64
Morgan's Bridge	12.67	2.51	29	22	15.11
King's Valley	20.86	2.35	17	20	12.33
King's Vale Police St.	6.61	2.07	12	13	11..1
Means	10.55	...	...	...	12.70

Southern Division.	Oct., 1906. 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.	15.03	2.44	14	28	11.46
East Prospect	5.09	2.03	31	15	...
Morant Bay	8.20	2.35	1	15	14.57
Easington	9.54	3.40	17	11	14.55
Bull Bay	7.11	3.87	1	6	10.77
Gordon Town	7.07	2.82	17	10	15.62
Hope Gardens	7.59	3.53	17	18	11.21
Mona	...	...	...	...	...
Half-way Tree	8.21	2.75	28	17	10.51
Lunatic Asylum	3.32	1.04	17	14	7.87
Public Works Office	4.99	2.00	17	12	8.64
Plumb Point L. H.	2.49	0.92	17	12	7.88
Ballast Ground	7.72	2.50	17	12	...
Spanish Town	7.55	1.33	14	12	9.94
Hog Hole Pen	9.80	3.20	28	13	10.47
Browns Hall	15.17	2.58	24	17	11.57
Old Harbour	3.11	0.91	24	7	11.06
May Pen	5.83	1.30	23	13	12.42
Denbigh	...	...	...	...	...
Amity Hall	...	...	...	...	...
New Yarmouth	2.85	0.60	2	12	9.43
Milk River	5.31	1.50	13	12	...
Victoria Town	10.27	3.09	17	11	11.03
Stone's Hope	10.19	3.07	21	12	14.19
Newport, Manchester	15.13	1.89	19	19	13.13
Alligator Pond	5.78	1.46	19	7	9.19
Potsdam	7.89	2.15	30	10	10.35
Long Hill	...	...	...	...	...
Pepper	7.65	1.50	18	15	13.49
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	8.02	1.55	7	15	12.25
Santa Cruz	11.60	1.60	29	18	12.03
Pedro Plains	3.35	1.12	19	10	7.13
Black River	6.59	1.68	29	18	8.92
Spring Hill	8.98	2.20	14	17	...
Font Hill	8.45	2.30	29	14	10.93
Shrewsbury, Westd.	...	...	...	...	...
Peters Ville	15.24	2.64	13	20	11.96
Mount Edgecombe	11.29	1.93	13	19	10.27
Bluefields	17.44	1.97	31	21	10.44
Sweet River	12.24	2.28	20	16	9.79
Windsor, Sav.-la-Mar	15.76	5.70	24	17	7.94
Sav.-la-Mar P.W.D.	15.77	5.10	24	20	8.53
Retreat	14.43	1.70	24	22	10.73
White Hall	9.11	1.96	1	16	...
Negril Point L. H.	9.33	2.33	1	15	9.17
Means	9.27	...	...	...	10.84

NOTES.

COMPARATIVE TABLE OF RAINFALL.

(Based upon the "Average" Stations only.)

	Oct.	
	1906.	Average.
	In.	In.
North Eastern Division .	8.86	14.45
Northern .	5.08	7.65
West Central .	10.55	12.70
Southern .	9.27	10.84
Means .	8.44	11.41

The Rainfall for October was therefore much below the average for the whole Island. The greatest fall, 20.86 in. occurred at Kings Valley in the west central division while the least 1.99 in. fell at Long Pond in the northern division.

RAINFALL AT GEORGETOWN, CAYMAN ISLAND.

September, 1905.—September, 1906.

	Ins.
1905, September ...	6.35
October ..	2 45
November ...	4,75
December ...	9.38
1906, January ...	3.17
February ...	5.26
March ...	13.09
April ...	7.95
May ...	15.10
June ...	13.90
July ...	7.93
August ...	5.49
September ...	8.32

From September, 1st 1905 to Aug. 31st 1906, 94.82 inches fell at the Cayman Island, while the corresponding fall over Jamaica was 92.48 inches.

We are indebted to Mr. Maxwell Hall for these figures sent to him by the Commissioner.

SEPTEMBER, 1906.

WEATHER REPORT No. 332. Returns sent up too late for publication in that Report.	Total fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 00.1 or more fell.
	In.	In.		
Lima .	3.58	1.81	15	7
Success .	3.65	1.80	14	9
Cinnamon Hill .	4.07	0.95	30	9
Rose Hall .	2.35	0.80	30	8
Running Gut .	4.01	1.74	15	10
Fairfield .	7.69	1 50	16	11
Round Hill .	2.65	1.10	7	9
Brokenhurst .	14.87	4.50	21	16
Kempshot .	9.70	2.20	12	13
Retreat .	4.10	0.58	21	17
Kew Park .	11.29	2.99	14	16
Port Maria .	4.42	0.87	18	12

CORRIGENDUM.

Weather Report No. 332 Sept 1906.

The rainfall at Plumb Point L. H. has been struck out as it has been found that no correct record was kept for the the month of September.

H. H. COUSINS,
Island Chemist.

Weather Office, Government Laboratory.
Kingston.

No. 334

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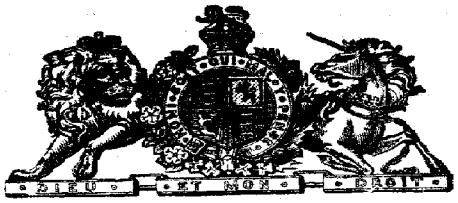
APR 30 1907
Weather Bureau.



JAMAICA

WEATHER REPORT

FOR THE MONTH OF

NOVEMBER, 1906.

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 standard 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 acto-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	29.889	29.832	76.6	81.8	85.7	72 8	12.9	89.1	16	68.0	26	21.1
Castleton Gardens .	496	..	...	69.6	79.2	83.7	69.6	14.1	88	11	64	22	24
Hope Gardens .	688	29.878	29.817	71.3	81.7	86.3	71.0	15.3	90	18	65	22	25
Stony Hill Reformatory .	1,400	...	...	71.7	78.1	86.1	67.4	18.7	88	*8	64	22	24
Hill Gardens .	4,907	25.190	25.168	62.2	65.2	68.8	57.3	11.5	71	*11	53	27	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	71.6	82	73.0	85	2.77	279	N.E.	90	N.E by W	11.0	2.0	2.6	2.1	1.9	4.6	1.4
Castleton Gardens .	496	68.7	96	72.7	79	30.83	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	688	66.0	84	69.3	65	4.38	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	67.5	86	71.2	79	6.25	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	57.3	83	62.1	90	20.38	...	...	...	...	...		...	...	...	...	...

* And on other days.

RAINFALL FOR NOVEMBER, 1906.

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.	Nov., 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Hordley	...	...	...	...	...
Manchioneal	11.24	3.23	2	18	15.32
Ecclesdown	...	...	...	...	...
Elmwood	14.17	2.01	23	17	...
Bath	10.23	2.56	23	18	13.40
Moore Town	19.90	...	...	...	38.54
Port Antonio	11.39	4.20	2	19	16.09
Fellowship	21.40	3.55	29	21	28.19
Johnson River Bridge	7.75	1.65	6	10	6.60
Shrewsbury	...	...	...	...	...
Cedar Valley, St. Thos	9.75	2.60	29	11	7.94
Farm Hill	...	...	...	...	...
Hill Gardens	20.38	9.20	27	17	12.51
Buff Bay	11.25	3.75	29	18	16.36
Greenvale	25.88	6.83	29	21	...
Mt. Holstein	27.83	10.13	30	20	24.13
Hardware Gap	4.93	...	...	...	11.33
Irish Town	6.10	2.70	29	4	...
Annotto Bay	...	...	...	...	...
Stony Hill Reft.	6.25	2.20	6	11	6.73
Castleton Gardens	30.83	11.01	27	15	12.83
Lawrence Tavern	12.63	2.94	27	9	7.17
Water Valley	6.03	2.25	29	14	12.91
Agualta Vale	6.31	2.05	29	17	...
Hampstead	5.33	2.20	30	8	...
Richmond, St. Mary	8.03	2.25	29	14	12.02
Kendal, St. Mary	12.78	4.70	28	10	...
Gayle, P.W.D.	6.58	2.55	29	13	11.63
Rio Hoe	13.05	4.72	29	18	8.60
Unity Valley	13.66	3.96	29	19	7.62
Moneague	11.84	3.92	29	22	8.69
Claremont	8.50	2.00	29	9	9.28
Albion	11.52	4.50	29	16	9.21
Averham Park	13.41	3.67	29	17	10.96
Means	12.79	...	...	...	13.39

NORTHERN DIVISION.	Nov., 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	6.93	1.29	20	19	10.59
Ocho Rios	3.46	0.80	10	8	8.87
Drax Hall	4.67	2.20	23	6	10.11
Liberty Hill	6.88	1.74	3	12	...
St. Ann's Bay	4.76	0.96	6	11	9.17
Richmond Estate	5.82	1.24	3	13	9.78
Llandovery	5.79	1.05	3	11	9.35
Southfield	6.08	0.94	29	15	12.68
Brown's Town	9.47	2.50	27	16	9.70
Hyde Park	4.50	0.66	15	11	4.36
Dry Harbour	6.40	3 38	12	5	6.45
Chewmagna	9.90	2.65	2	17	9.49
Home Castle	7.26	1.86	12	14	7.43
Richmond Pen	13.15	2.55	27	14	5.08
Mahogany Hall	...	...	...	...	...
Brampton Bryan	5.46	0.84	5	14	5.59
Bryan Castle	7.05	2.34	12	17	6.81
Braco	5.66	1.75	12	14	5.84
Arcadia	5.34	1.10	27	12	6.38
Harmony Hall	...	...	...	...	...
Lancaster	...	...	...	...	...
Vale Royal	6.38	1.40	27	11	7.16
Colchis Pen	7.89	3.30	27	8	4 87
Hyde	6.55	1.61	29	12	6.30
Georgia	4.95	1.00	10	11	5.77
Long Pond	4.45	0.74	27	10	6.00
Hyde Hall	5.40	1.10	27	9	...
Steelfield	5.00	1.05	27	12	5.99
Etingdon	4.10	0.75	9	13	...
Oxford	5.30	0.70	2	14	5.61
Cambridge	5.70	1.20	27	11	5.79
Lottery	5.23	0.70	2	15	5.26
Falmouth P.W.D.	4.33	0.75	11	17	4.92
Holland Pen	5.02	1.76	12	15	4.74
Tilston	...	...	...	...	...
Kent	3.79	2.02	12	11	4.86
Dundee	...	...	...	...	...
Phœnix	...	...	...	...	...
Gales Valley	...	...	...	...	...
Canaan	...	...	...	...	...
Lima	4.03	0 86	2	10	5.53
Content	4.37	1.25	12	15	4.56
Moor Park	3.91	0.63	9	19	4 7
Success	3.55	1.00	10	10	4.53
Cinnamon Hill	4.18	1.04	11	14	4.69
Rose Hall	3.20	0.80	10	10	4.46
Running Gut	4.91	1.57	12	11	4.44
Spring	...	...	...	...	...
Ironshore	...	...	...	...	...
Montego Bay	3.20	0.75	10	12	4.34
Fairfield, St. James	3.23	0.48	28	10	4.56
Irwin	...	...	...	...	...
Anchovy	...	...	...	...	...
Round Hill	2.91	0.40	1	14	3.74
Sandy Bay	5.26	1.85	10	6	5.79
Lucea	7.33	1.95	10	14	6.01
Westfield	3.02	0.76	1	9	...

Central Sub-Division.	Nov., 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Headworks, Rio Cobre	4.65	2.66	6	7	3.99
Shanton	5.70	3.30	6	12	...
Linstead	9 35	2.60	6	14	5.32
Berkshire Hall	6.51	1.35	10	15	3.82
Point Hill	4.11	0.80	29	14	7.11
Carew Castle	11.48	4.22	6	12	...
Worthy Park	5.96	3.32	6	14	3.50
Good Hope	...	...	...		...
Chapelton	5.04	2.10	6	10	3 92
Danks Works	...	...	...	...	...
Savoy House	...	...	...	...	...
Mears	...	...	...	...	...
Cave Valley	6.20	1.80	6	11	4.49
Means	5.59	...	...	...	6.12
West Central Division.					
Mocho	...	...	...	...	...
Baillieston	4.96	0.97	14	13	4.36
Farm Plantation	...	...	...	...	...
Brokenhurst	8.34	3.80	6	9	5.92
Christiana	5.19	3.48	6	10	6.41
Chudleigh	6.16	3.69	6	6	...
Kendal, Manchester	5.27	3.00	6	4	4.50
Marshalls Pen	7.18	2.00	6	12	...
Mandeville, P.W.D	9.83	3.75	6	13	6.04
Carlton, Mandeville	8.04	3.09	6	15	5.25
Fairfield, Manchester	6.02	2.11	6	13	6.19
Ulster Spring	4.67	0.75	27	11	4.82
Low River	5.50	1.10	4	7	...
Troy	7.53	4.33	15	6	4.88
Windsor Pen, Trel.	6.39	2.56	14	11	5.42
Wallingford	3.50	1.68	7	7	...
Balaclava	3.03	1.36	6	6	5.97
Elim	..	...	...	...	...
Siloah	5 76	2.60	15	7	6.07
Appleton Ry. Station	...	...	...	...	...
Appleton Estate	5.59	2.10	15	11	...
Vauxhall	5.60	1.54	6	8	
Kempshot	5.41	0.91	28	8	6.28
Kew Park	6.81	3.20	15	11	5.08
Hazelymph	4.75	1.14	15	19	5.27
King Gate	...	...	...	...	...
Darliston	10.97	2.67	23	17	6.70
Whithorn	11.40	3.75	6	11	6.06
Copse	...	...	...	...	...
Great Valley	...	...	...	...	...
Brownsville	11.79	3.00	15	17	5.61
Fontabelle	6.45	2.68	23	9	2.94
Morgan's Bridge	8.18	2.40	23	13	5.17
King's Valley	5.26	...	...	...	5.40
King's Vale Police St.	2.83	1.06	2	6	6.72
Means	6.77	...	...	...	5.51

Southern Division.	Nov., 1906. 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.	10.75	4.59	3	15	6.52
East Prospect	8.16	1.79	2	9	...
Morant Bay	6.37	2.10	2	13	6.43
Easington	4.36	1.35	6	10	4.85
Bull Bay	0.89	0.64	7	2	2.25
Gordon Town	6.45	3.00	6	7	6.60
Hope Gardens	4.38	1.60	6	9	5.16
Mona	...	...	...	...	...
Half-way Tree	2.08	1.10	6	4	2.56
Lunatic Asylum	1.93	1.09	6	7	1.72
Public Works Office	1.28	0.92	6	4	2.39
Plumb Point L. H.	1.25	0.70	6	8	2.28
Ballast Ground	1.26	0.87	6	3	...
Spanish Town	2.42	2.10	6	3	3.28
Hog Hole Pen	7.22	3.00	6	6	3.69
Browns Hall	6.26	3.89	6	7	3.88
Old Harbour	4.20	2.50	7	3	3.83
May Pen	3.55	2.70	6	3	3.54
Denbigh	...	...	...	...	...
Amity Hall	...	...	...	...	...
New Yarmouth	4.31	2.35	6	5	1.54
Milk River	5.26	2.23	6	10	...
Victoria Town	5.19	1.50	6	8	3.57
Stone's Hope	...	...	...	...	...
Newport, Manchester	11.09	3.36	6	11	5.63
Alligator Pond	3.15	1.71	6	6	2.99
Potsdam	4.86	1.94	6	10	5.71
Long Hill	...	...	...	...	...
Pepper	6.90	1.85	6	13	5.65
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	5.36	1.85	6	11	7.22
Santa Cruz	8.77	2.46	23	10	5.87
Pedro Plains	3.37	1.50	6	7	3.49
Black River	4.33	1.27	23	9	4.60
Spring Hill	3.14	0.87	6	10	...
Font Hill	5.70	2.40	6	7	5.59
Shrewsbury, Westd.	...	...	...	...	...
Peters Ville	5.05	1.40	6	12	6.25
Mount Edgecombe	5.80	1.41	6	13	5.11
Bluefields	6.29	2.21	6	9	6.61
Sweet River	7.22	2.85	6	6	3.72
Windsor, Sav.-la-Mar	6.73	2.43	6	9	3.63
Sav.-la-Mar P.W.D.	3.67	1.42	6	10	3.07
Retreat	7.74	2.04	1	10	4.88
White Hall	3.70	1.72	1	8	...
Negril Point L. H.	2.77	1.58	1	6	3.49
Means	5.05	...	...	...	4.34

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	November.	
	1906.	Average.
	In.	In.
North Eastern Division	12.97	13.39
Northern	5.59	6.12
West Central	6.77	5.51
Southern	5.05	4.34
Means	7.60	7.34

The Rainfall for November was therefore very near the average for the whole Island. The greatest fall, 30.83 in. occurred at Castleton Gardens in the north-eastern division while the least 0.89 in. fell at Bull Bay in the southern division.

Earthquakes.

At Windsor Pen, Trelawny, a shock of earthquake was felt at 2.50 a.m., on the 25th also at Kings Valley in the west central division at 3 a.m., on the 17th passing from north to south and lasting 4 seconds, and at Bluefields in the southern division at 3 a.m. on the 24th.

October, 1906.

Weather Report No. 333. 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.		

H. H. Cousins,
Island Chemist.

Weather Office, Government Laboratory.
Kingston.

No. 335.

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Weather Bureau.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

DECEMBER, 1906.

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 standard 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	30.015	29.948	72.3	80.3	83.7	68.9	14.8	88.9	10	64.3	26	24.6
Castleton Gardens .	496	..	...	67.7	76.7	79.5	67.3	12.2	84	20	59	16.29	25
Hope Gardens .	668	29.977	29.987	65.8	80.0	84.0	65.4	18.6	88	16	55	26	33
Stony Hill Reformatory .	1,400	...	...	67.2	76.4	83.6	62.3	21.3	87	20	55	25.26	32
Hill Gardens .	4,907	25.229	25.222	56.5	61.5	64.4	51.0	13.4	71	20	44	25.27	27

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	63.5	74	66.8	64	0.10	324	N.E.	11.7	N. N.E.	13.5	0.0	2.5	0.6	0.3	3.4	0.5
Castleton Gardens .	496	64.6	90	67.0	71	7.29	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	668	60.3	81	57.8	47	0.04	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	61.5	81	66.2	70	0.97	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	46.9	69	55.9	30	7.67	...	...	...	...	...	.	...	...	...	...	...

RAINFALL FOR DECEMBER, 1906.

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.	DEC., 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In			In.
Hordley	...	...	...	...	...
Manchioneal	2.81	0.62	21	11	8.74
Ecclesdown	...	...	...	...	...
Bath	2.60	0.50	9	15	9.63
Moore Town	15.01	...	...	...	29.21
Port Antonio	5.72	1.04	6	19	13.77
Fellowship	7.83	1.30	6	20	20.38
Johnson River Bridge	0.25	0.25	8	1	6.38
Shrewsbury	12.54	1.86	21	18	...
Cedar Valley, St. Thos	0.40	0.40	8	1	5.86
Farm Hill	...	...	...	...	...
Hill Gardens	7.67	2.30	9	11	11.14
Buff Bay	7.06	1.10	4	20	13.59
Greenvale	14.33	2.10	8	20	...
Mt. Holstein	16.38	5.02	23	24	17.73
Hardware Gap	5.10	...	...	...	7.44
Irish Town		...	...	...	...
Annotto Bay	...	...	...	...	...
Stony Hill Refft.	0.97	0.40	23	7	4.32
Castleton Gardens	7.29	1.89	22	17	13.13
Lawrence Tavern	1.95	1.00	22	3	5.03
Quebec	...	...	...	...	...
Water Valley	6.18	2.35	8	14	10.32
Agualta Vale	4.15	0.72	8	15	...
Hampstead	5.55	1.25	8	12	...
Richmond, St. Mary	5.36	1.25	8	15	11.97
Kendal, St. Mary	4.87	1.40	8	10	...
Gayle, P.W.D.	...	...	...	...	...
Rio Hoe	4.90	0.85	9	15	9.48
Unity Valley	3.92	0.93	23	16	7.91
Moneague	4.80	1.01	23	18	8.00
Claremont	2.60	0.50	29	9	9.70
Albion	...	...	...	...	...
Averham Park	5.86	1.11	9	14	11.19
Means	5.46	...	...	...	11.19

NORTHERN DIVISION.	DEC., 1906. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	7.14	1.21	16	22	8.50
Ocho Rios	3.55	1.10	19	6	6.48
Drax Hall	4.80	1.55	11	6	8.87
Liberty Hill	4.75	1.60	6	10	...
St. Ann's Bay	3.80	1.35	9	8	7.60
Richmond Estate	2.34	1.05	9	7	9.06
Llandovery	2.50	2.20	9	3	10.54
Southfield	4.54	1.72	9	10	14.45
Brown's Town	4.49	1.10	9	14	9.77
Hyde Park	0.64	0.24	9	3	3.61
Dry Harbour	3.73	1.27	8	3	6.61
Chewmagna	2.28	0.90	20	12	3.55
Home Castle	2.80	0.90	9	8	8.25
Richmond Pen	2.45	0.90	23	6	5.11
Mahogany Hall	...	...	...	...	...
Brampton Bryan	2.29	0.94	9	9	6.02
Bryan Castle	1.73	0.90	9	6	6.81
Braco	1.75	0.41	6	8	6.11
Arcadia	2.74	1.50	6	5	7.31
Harmony Hall	2.05	0.86	9	9	6.57
Lancaster	...	...	...	...	...
Vale Royal	3.37	1.87	6	6	8.34
Colchis Pen	0.72	0.72	6	1	4.88
Hyde	4.15	2.67	22	6	6.59
Georgia	2.60	1.02	6	9	7.03
Long Pond	1.68	0.88	6	4	5.89
Hyde Hall	1.95	1.00	6	7	...
Steelfield	2.53	0.95	6	10	6.83
Etingdon	1.70	1.20	6	5	...
Oxford	2.55	0.75	9	7	6.74
Cambridge	2.30	0.60	22	5	6.61
Lottery	2.30	0.80	6	5	5.88
Falmouth P.W.D.	...	...	...	...	...
Holland Pen	1.91	0.54	7	8	5.20
Tilston	...	...	...	...	...
Kent	2.44	1.02	3	7	5.50
Dundee	...	...	...	...	
Phœnix	...	...	...	...	...
Gales Valley	...	...	...	...	...
Canaan	...	...	...	...	...
Lima	1.01	0 85	5	2	3.98
Content	1.30	0.50	6	5	5.61
Moor Park	1.25	0.30	8	9	6.46
Success	0.85	0.40	9	3	4.40
Cinnamon Hill	1.18	0.35	9	5	5.63
Rose Hall	1.10	0.35	9	4	5.48
Running Gut	1.28	0.43	9	6	5.82
Spring	...	...	...	...	...
Ironshore	...	...	...	...	...
Montego Bay	...	...	...	...	...
Fairfield, St. James	0.50	0.25	4	3	4.63
Irwin	...	...	...	...	...
Anchovy	...	...	...	...	...
Round Hill	1.00	0.40	4	4	3.30
Sandy Bay	0.40	0.30	6	2	3.64
Lucea	0.92	0.54	7	6	4.37
Westfield	...	...	...	...	...

Central Sub-Division.	Dec., 1906.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
	In.	In.			In.
Headworks, Rio Cobre	0.16	0.06	19	6	2.03
Shanton	0.65	0.42	6	9	...
Linstead	1.93	0.50	22	7	3.75
Berkshire Hall	1.37	0.40	8	10	5.14
Point Hill	0.75	0.20	6	7	5.63
Carew Castle	0.93	0.25	22	10	...
Worthy Park	0.54	0.30	2	4	2.61
Good Hope	...	...	...	...	...
Chapelton	...	...	...	..	2.55
Danks Works	...	...	...	...	...
Savoy House	...	...	...	...	3.38
Mears	...	...	...	...	...
Cave Valley	0.20	0.20	2	1	2.70
Means	2.04	...	...	...	5.95
West Central Division.					
Mocho	...	...	...	...	...
Baillieston	...	...	...	...	...
Farm Plantation	0.63	0.63	23	1	3.23
Brokenhurst	...	...	...	...	...
Christiana	0.23	0.13	2	3	3.94
Chudleigh	0.37	0.20	1	5	...
Kendal, Manchester	...	...	...	...	2.91
Marshalls Pen	...	...	...	...	...
Mandeville, P.W.D	0.04	0.04	19	1	3.66
Carlton, Mandeville	0.06	0.06	19	1	4.38
Fairfield, Manchester	...	...	...	...	2.88
Ulster Spring	...	...	...	...	...
Low River	0.90	0.90	2	1	...
Troy	0.44	0.44	19	1	3.77
Windsor Pen, Trel.	0.72	0.20	22	6	5.04
Wallingford	0.08	0.08	22	1	...
Balaclava	...	...	...	...	2.61
Elim	..	...	...	...	...
Siloah	0 15	0.15	18	1	3.24
Appleton Ry. Station	...	...	...	...	...
Appleton Estate	0.12	0.06	17	3	...
Vauxhall	0.17	0.12	18	2	...
Kempshot	1.18	0.44	4	4	5.65
Kew Park	...	...	...	...	...
Hazelymph	0.23	0.18	12	3	2.62
King Gate	...	...	...	...	...
Darliston	0.52	0.23	17	6	3.43
Whithorn	0.59	0.26	19	3	3.32
Copse	...	...	...	...	...
Great Valley	...	...	...	...	...
Brownsville	0.20	0.08	8	5	4.05
Fontabelle	0.27	0.27	19	1	3.61
Morgan's Bridge	0.28	0.28	19	1	3.38
King's Valley	0.32	0.15	19	4	3.30
King's Vale Police St.	...	...	...	...	3.40
Means	0.31	...	...	...	3.60

Southern Division.	Dec., 1906.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
	In.	In.			In.
Morant Point L. H.	1.86	0.57	30	15	6.58
East Prospect	0.53	0.22	18	3	...
Morant Bay	0.52	0.30	9	2	5.03
Easington	0.25	0.25	8	1	3.85
Bull Bay	...	...	...		1.75
Gordon Town	...	...	...	...	3.69
Hope Gardens	0.04	0.02	8,22	2	2.07
Mona	...	...	...	...	...
Half-way Tree	0.23	0.10	14	3	2.16
Lunatic Asylum	...	...	...	...	2.14
Public Works Office	...	...	...	...	1.81
Plumb Point L. H.	0.02	0.01	9	2	1.62
Ballast Ground	0.40	...	...	1	...
Spanish Town	...	...	...	...	2.19
Hog Hole Pen	...	...	...	...	2.98
Browns Hall	...	...	...	...	...
Old Harbour	...	...	...	...	2.91
May Pen	0.47	0.47	19	1	2.06
Denbigh	...	...	...	...	...
Amity Hall	...	...	...	...	...
New Yarmouth	...	...	...	...	1.87
Milk River	0.05	0.05	6	1	...
Victoria Town	0.30	0.30	19	1	3.01
Stono's Hope	0.35	0.35	19	1	2.88
Newport, Manchester	0.62	0.40	4	3	4.25
Alligator Pond	...	...	...	...	2.91
Potsdam	0.44	0.30	19	2	2.58
Long Hill	...	...	...	...	...
Pepper	1.00	1.00	21	1	2.82
Turrington	0.70	0.36	8	3	...
Bethlehem, St. Eliz.	1.07	0.67	21	5	1.95
Santa Cruz	0.32	0.16	8	3	2.85
Pedro Plains	0.64	0.60	9	2	0.97
Black River	0.20	0.18	18	2	2.32
Spring Hill	0.42	0.17	8	4	...
Font Hill	0.55	0.40	8	2	2.22
Shrewsbury, Westd.	...	...	...	...	...
Peters Ville	0.95	0.54	18	3	2.67
Mount Edgecombe	0.55	0.38	19	4	2.38
Bluefields	1.04	1.04	18	1	3.56
Sweet River	0.74	0.47	18	2	2.49
Windsor, Sav.-la-Mar	0.54	0.40	18	3	3.17
Sav.-la-Mar P.W.D.	1.05	0.83	19	3	2.32
Retreat	0.33	0.27	18	2	2.41
White Hall	...	...	...	...	...
Negril Point L. H.	0.10	0.10	18	1	2.07
Means	0.42	...	...	...	2.89

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	December.	
	1906.	Average.
	In.	In.
North Eastern Division .	5.46	11.19
Northern .	2.04	5.95
West Central .	0.31	3.60
Southern .	0.42	2.89
Means .	2.06	6.91

The Rainfall for December was therefore less than half the average for the whole Island. The greatest fall, 16.38 in. occurred at Mt. Holstein in the north-eastern division while no rain fell at Westfield in the northern division and at several other stations in the central, sub west-central and southern divisions.

November, 1906.

Weather Report No. 334. Returns sent up too late for publication in that Report.	Total fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 00.1 or more fell.
	In.	In.		
Harmony Hall .	6.58	1.86	12	17
Stones Hope .	8.79	3.38	6	11

The Rainfall over the Island.
From about 129 "average" Stations.

1906.	Rainfall Divisions. NE Div.	N Div.	WC Div.	S Div.	The Island.
	In.	In.	In.	In.	In.
January ...	4.13	3.38	3.31	2.67	3.37
February ...	6.11	3.29	5.95	5.25	5.15
March ...	8.28	3.49	5.86	4.37	5.50
April ...	8.39	4.81	11.87	7.01	8.02
May ...	11.94	9.00	17.48	14.48	13.23
June ...	15.60	7.02	10.94	12.33	11.47
July ...	4.41	2.06	7.01	3.28	4.19
August ...	9.25	4.38	8.41	5.87	6.98
September ...	14 29	6.11	12.45	9.96	10.70
October ...	8.86	5.08	10.55	9.27	8.44
November ...	12.97	5.59	6.77	5.05	7.60
December ...	5.46	2.04	0.31	0.42	2.06
Total ...	109.69	66.25	100.90	79.96	86.71

H. H. Cousins