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JAMAICA

WEATHER REPORT

FOR THE MONTH OF

JANUARY, 1905

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	30.015	29.960	71.9	79.4	83.0	69 4	13.6	88.0	31	62.9	27	25.1
Castleton Gardens .	496	.	...	65.6	76.5	79.7	65.9	13.8	84.	12	60.	1	24.
Hope Gardens .	668	29.988	29.922	65.3	79.2	84.5	64.5	20.0	90.	31	60.	27	30.
Stony Hill Reformatory .	1,400	..	...	67.6	77.1	82.9	63.4	19.5	87.	13	57.	27	30.
Hill Gardens .	4,907	25.242	25.226	56.9	62.6	66.3	53.4	12.9	69.	*15	41.	25	28.

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	67.1	85	69.4	71	0.81	289	N. N. E.	8.8	E.N. E.	11.5	2.1	2.0	1.9	0.7	4.3	1.0
Castleton Gardens .	496	64.8	96	79.5	96	21.04	...	...	..	...	...	...	...	...	...	...	..
Hope Gardens .	668	61.8	87	69	73	2.40	...	...	...	...	...	..	...	...	...	...	..
Stony Hill Reformatory .	1,400	65.1	91	69.0	65	2.05	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	53.6	89	59.2	89	11.70	...	...	...	...	...	...	...	...	...	...	...

* And on other days.

National Oceanic and Atmospheric Administration

Climate Database Modernization Program

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March 28, 2002

RAINFALL FOR JANUARY, 1905.

THE first four columns contain all the information relating to the Rainfall for the month received for publication up to the date of this report; the last column contains the corresponding Rainfall average for the month, according to tables recently prepared. In obtaining the mean Rainfall for the month from the numbers in the column for the total fall, only those Stations are considered for which the average Rainfall has been also given in the last column, so that the results of these two columns are directly comparable for each Division. These results are reproduced in the Comparative Table at the end of this Rainfall Return, so as to arrive at the mean for the whole Island embracing the four Divisions.

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

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

NORTH-EASTERN DIVISION.	JANUARY, 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In			In.
Hordley	...	...	...	...	...
Manchioneal	5.90	1.30	7	12	4.65
Ecclesdown	9.98	2.46	28	21	...
Fair Prospect	7.90	1.50	8	10	8.23
Bath	5.76	1.3	24	16	6.02
Moore Town	37.27	10.00	5	15	20.75
Port Antonio	14.13	3.70	28	18	8.83
Fellowship	26.53	8.45	28	22	13.44
Johnson River Bridge	1.89	0.55	14	5	3.16
Shrewsbury	32.74	7.49	5	22	18.86
Cedar Valley, St. Thos	6.85	2.65	18	17	3.96
Hill Gardens	11.70	8.55	7	17	7.14
Buff Bay	20.05	5.96	28	19	9.61
Bybrook	33 55	9.50	5	19	...
Mt. Holstein	22.46	7.45	8	26	14.43
Hardware Gap	4.38	...	...	...	5.14
Irish Town	3.80	1.80	8	4	...
Annotto Bay	15.35	3.50	7	16	6.78
Stony Hill Reft.	2.05	0.90	8	9	3.42
Castleton Gardens	21.04	10.20	7	14	9.69
Lawrence Tavern	5.18	3.42	8	9	2.07
Quebec	..	...	...	...	...
Water Valley	18.62	4.50	7	16	8.66
Richmond, St. Mary	15.63	5.25	5	21	6.16
Kendal, St. Mary	..	..	...	...	...
Gayle, P.W.D.	15.88	3.40	28	18	5.52
Rio Hoe	12.10	3.45	8	19	5.47
Unity Valley	10.86	2.94	8	19	4.84
Moneague	9.18	2.90	8	17	4.19
Claremont	14.61	3.10	7	12	7.21
Albion	13.81	3.14	8	19	5.21
Avernam Park	20.15	5.60	8	19	7.04
Ballintoy	8.44	2.80	8	15	2.95
Means	14.09	...	..	...	7.53

NORTHERN DIVISION.	JANUARY, 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	16.72	2.85	7	26	6.75
Ocho Rios	15.40	5.00	7	15	5.36
Drax Hall	20.84	7.00	7	14	4.84
Liberty Hill	19.51	6.22	8	18	...
St. Ann's Bay	12.96	5.20	7	16	4.96
Richmond Estate	16 85	7.65	7	19	7.18
Llandovery	15.39	5.89	7	11	6.82
Southfield	21.22	5.17	7	14	12.78
Brown's Town	13.41	3.15	8	19	5.33
Hyde Park	6.60	1.50	23	9	2.31
Dry Harbour	9.17	2.28	7	12	3.86
Chewmagna	8.28	3.45	8	16	2.86
Home Castle	15.15	2.05	7	16	5.43
Richmond Pen	13.54	4.85	8	14	3.52
Mahogany Hall	13.89	2.98	8	14	4.62
Brampton Bryan	11.44	1.85	11	17	4.14
Bryan Castle	11.02	3.34	7	18	4 61
Braco	10.99	3.40	7	16	4.17
Arcadia	9.02	1.85	7	14	4.46
Harmony Hall	8.52	2.60	7	13	4.00
Lancaster	...	...	...	...	...
Vale Royal	11.54	2.70	7	16	5.01
Colchis Pen	17.75	6.00	7	10	3.19
Hyde	9.58	1.50	8	14	4.59
Georgia	8 28	2.05	7	16	5.65
Long Pond	11.18	1.88	7	16	5.89
Steelfield	9.78	1.50	11	14	4.48
Oxford	10.00	1.65	11	18	3.98
Cambridge	9 68	1.40	7	14	4.50
Lottery	9.57	3.25	7	15	4.03
Falmouth P.W.D.	9.27	2.14	7	18	3.55
Holland Pen	10.82	2.10	8	13	2.90
Tilston	...	...	...	...	...
Kent	10.30	3.60	7	10	4.10
Dundee	...	...	...	...	...
Phœnix	...	...	...	...	...
Gales Valley	...	...	...	...	
Canaan	12.52	2.86	9	15	3.05
Lima	7.95	5.00	7	8	2.76
Content	9.60	3.45	*7	17	4.52
Moor Park	9.56	3.00	7	17	...
Success	7.98	1.80	15	11	4.00
Cinnamon Hill	6.68	1.36	15	10	3.56
Rose Hall	6.45	1.20	22	12	3.49
Running Gut	9.90	2.55	6	15	3.55
Spring	...	...	...	...	..
Ironshore.	...	...	...	...	...
Montego Bay	6.89	2.67	7	11	2.97
Fairfield, St. James	6.84	2.10	7	9	3.20
Irwin	11.35	2.75	16	17	...
Anchovy	...	...	...	...	...
Round Hill	6.60	4.15	7	7	2.46
Sandy Bay	11.17	3.70	7	10	4.07
Lucea	7.67	2.45	7	14	3.16

* Gauge overflowed.

Central Sub-Division	January, 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Headworks, Rio Cobre	1.50	0.64	3	7	1.81
Shanton	4.26	1.98	21	11	...
Linstead	6.10	2.25	27	9	2.11
Berkshire Hall	6.30	1.40	10	13	...
Point Hill	9.22	1.90	8	13	2.46
Carew Castle	4.17	2.25	8	16	
Worthy Park	5.17	1.63	8	12	2.04
Good Hope	...	...	...	...	...
Chapelton	2.82	1.10	16	6	2.38
Lower Chapelton	4.68	2.00	16	5	2.03
Savoy House	3.57	1.12	16	11	2.69
Mears	...	...	...	...	...
Cave Valley	4.15	1.35	7	11	2.36
Means	10.11	...	...	...	4.09
West Central Division.					
Mocho	...	...	...	...	...
Baillieston	4.46	1.20	20	9	2.30
Farm Plantation	1.79	0.60	24	6	2.89
Brokenhurst	...	...	...	...	...
Christiana	5.59	1.05	22	17	2.43
Kendal, Manchester	2.44	0.90	21	7	2.23
Mandeville P.W.D	2.29	0.72	21	13	2.45
Carlton, Mandeville	...	...	...	...	...
Fairfield, Manchester	2.10	0.95	21	12	2.99
Ulster Spring	6.69	2.75	8	13	3.01
Low River	6.45	3.46	7	12	...
Troy	3.32	0.72	17	7	2.15
Windsor Pen, Trel.	10.17	3.75	8	14	3.19
Balaclava	2.41	1.71	7	4	1.81
Elim	...	...	...	...	...
Siloah	3.70	1.15	7	6	2.48
Appleton By. Station	3.96	1.56	7	7	...
Appleton Estate	4.07	1.33	7	7	...
Vauxhall		...	...	...	...
Kempshot	9.45	2.45	10	19	4.31
Kew Park	...		...	...	...
Hazelymph	8.53	2.70	7	10	2.39
King Gate	12.94	3.55	7	11	4.12
Darliston	5.64	3.23	7	9	3.05
Whithorn	5.75	1.65	7	13	2.33
Copse	...	...	...	...	...
Great Valley	...	...	...	...	...
Brownsville	10.31	4.39	9	11	4.62
Fontabelle	4.90	1.45	7	5	2.04
Morgan's Bridge	2.59	0.67	8	9	1.89
King's Valley	2.56	1.85	8	4	2.56
King's Vale Police St.	5.99	1.87	8	10	3.64
Means	5.32	...	...	...	2.80

Southern Division.	January, 1905. 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.	3.01	0.57	8	15	4.05
Morant Bay	1.61	0.30	19	9	2.49
Easington	0.75	0.30	13	3	1.48
Bull Bay	...	...	...	...	...
Gordon Town	3.38	2.65	7	8	2.18
Hope Gardens	2.40	1.39	7	7	1.71
Mona	...	...	...	...	...
Halfway Tree	1.16	0.39	17	7	0.91
Lunatic Asylum	0.13	0.10	9	3	0.65
Public Works Office	0.22	0.10	9	4	1.05
Plumb Point L. H.	0.07	0.04	3	2	0.81
Port Royal N. Hospital	...	...	...	...	...
Ballast Ground	0.32	0 16	7	2	...
Spanish Town	1.19	0.62	20	4	1.46
Hog Hole Pen	...	...	...	...	...
Browns Hall	...	...	...	...	...
Bartons	...	...	...	...	...
Old Harbour	...	...	...	...	...
May Pen	1.32	0.77	21	5	1.29
Denbigh	...	...	...	...	...
Parnassus Est.	...	...	...	...	...
Amity Hall		...	...	...	...
New Yarmouth	1.83	0.95	22	3	1.17
Milk River	1.53	0.61	24	8	...
Victoria Town	1.55	2.45	24	3	1.79
Stone's Hope	0.83	0.25	22	6	2.75
Newport, Manchester.	1.48	0.65	21	4	2.41
Alligator Pond	0.15	0.15	22	1	1.37
Potsdam	1.34	0.30	21	5	2.27
Long Hill	5.74	1.62	7	7	2.41
Pepper	4.00	0.85	20	9	2.07
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	3.98	1.05	16	9	2.74
Santa Cruz	...	...	...	...	...
Pedro Plains	0.98	0.28	7	5	1.87
Black River	2.37	1.02	7	9	1.60
Spring Hill	1.55	0.33	20	10	...
Font Hill	1 05	0.60	17	3	1 86
Shrewsbury, Westd.	...	...	...	...	...
Peter's Ville	1.77	0.81	16	7	2.10
Mount Edgecombe	1.02	0 60	1	6	2.01
Bluefields	1.28	1.28	14	1	...
Sweet River	...	...	...	...	...
Windsor, Sav.-la.-Mar	3.45	1.25	7	7	1.89
Sav.-la-Mar P.W.D.	2.81	0.93	7	12	1.75
Retreat	1.38	0.36	18	5	1.57
Spring Valley	...	...	...	...	...
Negril Point L. H.	0.81	0.35	7	4	1.25
Means	1.78	...	...	...	1.83

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	January.	
	1905.	Average.
	In.	In.
North Eastern Division .	14.09	7.53
Northern .	10.11	4.09
West Central .	5.32	2 80
Southern .	1 78	1.·3
Means .	7.83	4. 6

The Rainfall for January was therefore considerably above the Average for the whole Island. The greatest fall 37.27 in. was recorded at Moore Town in the North-Eastern Division while 0.07 in. was recorded at Plumb Point Light House in the Southern Division.

Earthquakes.

There was a shock of earthquake felt over the whole Island on the 27th. The following notes have been received:—

Unity Valley, St. Ann's.—Sharp shock of earthquake at 2.45 p.m. on the 27th.

Windsor Pen, Trelawny.—Slight shock of earthquake at 3 p m. on the 27th instant.

Long Hill.—Had an earthquake not severe but lasting several seconds at 2.45 p.m. on Friday the 27th instant.

Mount Edgecombe, Westmoreland.—Felt a slight shock of earthquake at Sav.-la-Nar on 27th about 2.45 p.m., motion E. to W.

December, 1904.

Weather Report, No. 311. Returns sent up too late for publication in that Report.	Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 00.1 or more fell.
	In.	In.		
Farm Plantation ...	0.75	0.35	10	3

H. H. Cousins.

Weather Office, Government Laboratory,
Kingston

APR 26 1905
Weather Bureau

No. 313.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

FEBRUARY, 1905.

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	30.011	29.951	72.4	81.3	84.5	67.7	16.8	87.9	10	64.7	25	23.2
Castleton Gardens .	496	..	...	64.6	79.1	82.5	64.6	17.9	86.	15	59.	25	27.
Hope Gardens .	663	29.984	29.910	66.5	81.6	85.7	66.0	19.7	89.	*7	61.	24	28.
Stony Hill Reformatory .	1,400	...	...	67.8	79.1	84.2	63.6	20.6	87.	12,14	61.	*24	26.
Hill Gardens .	4,907	25.231	25.217	57.1	62.3	66.7	54.2	12.5	69.	5	53.	*5	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	67.2	84	70.9	72	1.67	225	N.E.	7.3	E.N.E.	9.6	0.8	2.9	1.0	1.3	4.7	0.3
Castleton Gardens .	496	62.5	93	69.2	71	4.86	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	668	63.6	90	66.5	60	0.39	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	65.3	91	70.4	74	1.22	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	54.2	89	58.7	86	3.36	...	...	...	...	...	...	...	...	...	...	...

* And on other days.

RAINFALL FOR FEBRUARY, 1905.

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

NORTH-EASTERN DIVISION.	FEBRUARY, 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In			In.
Hordley	...	...	...	...	...
Manchioneal	5.71	1.50	1	12	6.64
Ecclesdown	10.68	2.03	2	23	...
Fair Prospect	6.55	1.80	1	17	8.27
Bath	4.82	1.14	1	23	5.12
Moore Town	12.77	1.62	18	16	14.70
Port Antonio	9.95	2.05	1	24	6.22
Fellowship	12.62	2.41	19	24	11.08
Johnson River Bridge	2.50	0.41	13	11	2.40
Shrewsbury	9.00	1.90	15	22	11.14
Cedar Valley, St. Thos	2.14	0.62	1	10	3.02
Hill Gardens	8.36	1.00	16	15	4.17
Buff Bay	6.67	1.15	19	14	8.44
Bybrook	5.83	1.11	18	17	...
Mt. Holstein	8.78	2.33	19	24	..
Hardware Gap	4.50	...	...	...	3.76
Irish Town	0.75	0.40	28	2	...
Annotto Bay	5.56	0.77	20	12	6.61
Stony Hill Reft.	1.22	0.40	18	6	2.12
Castleton Gardens	4.86	1.60	16	10	4.73
Lawrence Tavern	1.85	0.60	1	6	2.27
Quebec	...	...	...	...	...
Water Valley	5.47	0.84	19	15	6.81
Richmond, St. Mary	3.42	0.60	18	17	4.91
Kendal, St. Mary	...	..	...	...	...
Gayle, P.W.D.	5.87	1.62	16	13	5.95
Rio Hoe	5.01	1.10	18	14	3.88
Unity Valley	4.12	0.80	17	17	3.35
Moneague	4.46	0.95	18	15	3.86
Claremont	4.97	1.10	28	7	4.84
Albion	4.86	0.85	19	13	3.54
Avernam Park	5.49	1.35	15	15	4.47
Ballintoy	2.60	0.53	15	10	3.15
Means	5.40	...	...	...	5.59

NORTHERN DIVISION.	FEBRUARY, 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	13.91	2.50	1	28	6.04
Ocho Rios	1.74	0.50	19	5	4.07
Drax Hall	6.56	2.05	19	7	4.37
Liberty Hill	...	...	...	...	...
St. Ann's Bay	3.94	1.03	25	11	4.86
Richmond Estate	...	...	...	...	...
Llandovery	5.96	0.84	15	16	4.34
Southfield	5.37	0.92	19	15	9.09
Brown's Town	3.65	0.68	15	12	4.76
Hyde Park	2.50	0.60	16	8	2.21
Dry Harbour	2.79	0.43	26	9	3.03
Chewmagna	2.20	1.10	27	8	3.26
Home Castle	3.20	0.65	17	9	3.13
Richmond Pen	1.60	0.45	5	7	1.99
Mahogany Hall	2.66	0.46	18	9	2.72
Brampton Bryan	1.35	0.45	16	8	1.72
Bryan Castle	2.22	0.47	23	12	2.17
Draco	1.75	0.47	14	8	2.15
Arcadia	1.49	0.27	15	8	2.28
Harmony Hall	1.82	0.50	16	7	2.20
Lancaster	...	...	...	...	...
Vale Royal	1.74	0.27	17	11	2.59
Colchis Pen	1.50	0.85	14	3	1.38
Hyde	1.49	0.30	17	8	2.80
Georgia	1.00	0.22	23	9	2.45
Long Pond	1.70	0.50	25	11	2.19
Steelfield	1.53	0.38	25	6	2.22
Oxford	1.45	0.30	25	9	2.06
Cambridge	0.95	0.30	25	4	2.26
Lottery	1.25	0.39	25	9	1.92
Falmouth P.W.D.	2.08	0.50	27	11	1.70
Holland Pen	...	...	...	...	...
Tilston	...	...	...	...	...
Kent	2.10	1.25	22	6	2.32
Dundee	...	...	...	...	...
Phœnix	...	...	...	...	...
Gales Valley	...	...	...	...	
Canaan	...	...	...	...	...
Lima	2.00	1.00	25	4	2.07
Content	3.24	1.15	25	10	2.22
Moor Park	2.18	0.62	27	11	...
Success	2.65	1.20	23	6	2.35
Cinnamon Hill	1.88	0.78	23	4	2.54
Rose Hall	2.25	1.25	23	5	2.29
Running Gut	3.45	1.50	23	8	2.24
Spring	...	...	...	...	...
Ironshore	...	...	...	...	...
Montego Bay	1.56	0.39	1	5	1.94
Fairfield, St. James	1.18	0.44	25	3	2.02
Irwin	1.85	0.40	1	11	...
Anchovy	...	...	...	...	...
Round Hill	1.25	0.40	1	4	1.24
Sandy Bay	3.22	1.10	21	6	2.20
Lucea	4.31	2.47	21	8	2.18

Central Sub-Division	February, 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In	In.			In.
Headworks, Rio Cobre	1.51	0.66	2	8	1.41
Shanton	2.35	0.45	15	13	...
Linstead	0.52	0.12	1	8	1.88
Berkshire Hall	1.18	0.40	18	4	...
Point Hill	6.44	1.40	21	9	2.86
Carew Castle	2.13	0.97	1	7	
Worthy Park	1.43	0.45	16	6	1.87
Good Hope	...	...	...	...	...
Chapelton	1.38	0.60	2	7	1.75
Lower Chapelton	2.67	1.08	2	7	1.65
Savoy House	2.35	0.94	2	12	1.36
Mears	...	...	...	...	...
Cave Valley	2.05	0.50	27	9	2.17
Means	2.64	...	...	...	2.65
West Central Division.					
Mocho	...	...	...	...	...
Baillieston	3.70	1.16	2	7	2.27
Farm Plantation	2.08	0.80	18	6	2.20
Brokenhurst	...	...	...	...	...
Christiana	2.98	0.75	27	11	2.31
Kendal, Manchester	2.98	0.55	26	10	1.65
Mandeville P.W.D	2.84	0.84	19	13	2.40
Carlton, Mandeville	...	..	...	...	...
Fairfield, Manchester	1.37	0.39	2	8	1.13
Ulster Spring	2.78	1.02	27	8	2.19
Low River	1.80	0.47	15	5	...
Troy	2.71	0.90	6	7	2.57
Windsor Pen, Trel.	1.82	0.62	28	10	2.15
Balaclava	0.33	0.33	27	1	1.94
Elim	..	...	...	...	..
Siloah	0.92	0.35	21	3	2.57
Appleton Ry. Station	1.55	0.65	21	5	...
Appleton Estate	1.65	0.81	21	6	...
Vauxhall	4.17	2.95	21	8	...
Kempshot	1.74	0.86	25	13	3.24
Kew Park	4.51	1.80	26	3	2.50
Hazelymph	1.55	0.75	27	4	1.97
King Gate	0.72	0.42	19	3	2.54
Darliston	3.16	0.91	3	9	2.95
Whithorn	1.92	1.38	21	6	2.44
Copse	...	...	...	...	...
Great Valley	...	...	...	...	...
Brownsville	2.10	0.87	21	5	3.50
Fontabelle	...		...	...	...
Morgan's Bridge	2.47	0.79	2	7	2.48
King's Valley	3.39	1.47	...	11	2.57
King's Vale Police St.	3.54	2.00	25	11	2.28
Means	2.86	...	..	...	2.37

Southern Division.	February, 1905. 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.	3.71	0.62	19	21	2.72
Morant Bay	2.58	0.72	2	12	2.06
Easington	1.97	0.65	22	12	1.45
Bull Bay	0.42	0.20	20	3	0.52
Gordon Town	0.44	0.25	28	5	1.33
Hope Gardens	0.39	0.10	18	6	1.13
Mona	...	...	...	...	...
Halfway Tree	0.70	0.48	12	3	0.99
Lunatic Asylum	0.37	0.25	19	5	0.41
Public Works Office	0.23	0.19	19	3	0.70
Plumb Point L. H.	0.32	0.11	21	6	0.76
Port Royal N. Hospital	...	...	...	...	...
Ballast Ground	0.22	0.18	18	2	...
Spanish Town	0.18	0.08	19	3	1.28
Hog Hole Pen	1.75	1.00	27	3	1.62
Browns Hall	3.46	1.47	19	6	2.44
Bartons	...	...	...	...	...
Old Harbour	2.40	0.5	19	7	1.82
May Pen	1.63	1.41	22	2	1.56
Denbigh	...	...	...	...	...
Parnassus Est.	...	...	...	...	...
Amity Hall	7.38	0.50	22	6	...
New Yarmouth	3.30	1.65	22	4	0.96
Milk River	2.37	1.10	22	8	...
Victoria Town	0.78	0.50	18	3	1.59
Stone's Hope	1.94	0.75	22	6	1.94
Newport, Manchester.	1.98	0.84	19	6	2.48
Alligator Pond	0.00	0.00		.	0.86
Potsdam	1.56	0.50	27	7	1.63
Long Hill	2.17	0.94	22	7	1.88
Pepper	1.40	0.60	19	6	1.77
Torrington	...	...	...	...	...
Bethlenem. St. Eliz.	0.97	0.33	27	5	1.44
Santa Cruz	0.51	0.20	28	3	1.98
Pedro Plains	2.46	1.00	27	6	0.54
Black River	1.48	0.52	28	8	1.66
Spring Hill	2.06	0.31	28	14	...
Font Hill	1.65	0.75	28	4	1.20
Shrewsbury, Westd.	2.69	1.10	28	4	...
Peter's Ville	2.06	0.72	18	8	2.39
Mount Edgecombe	1.75	0.50	19	11	2.31
Bluefields	2.15	0.68	2	4	...
Sweet River	2.60	1.87	21	3	2.30
Windsor, Sav.-la.-Mar	1.77	0.60	14	10	2.29
Sav.-la-Mar P.W.D.	2.33	0.82	3	9	2.01
Retreat	2.11	0.53	19	7	2.20
Spring Valley	...	...	...	...	...
Negril Point L. H.	1.67	0.90	19	4	1.54
Means	1.57	...	...	...	1.59

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	February.	
	1905.	Average.
	In.	In.
North Eastern Division .	5.40	5.59
Northern .	2.64	2.65
West Central .	2.36	2 37
Southern .	1 57	1.59
Means .	2.99	3.'5

The Rainfall for February was therefore below the Average for the whole Island. The greatest fall 13.91 in. was recorded at Port Maria n the Northern Division while no rain fell at Alligator Pond in the Southern Division.

January, 1905.

Weather Report, No. 312. 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.		
Kew Park ...	5.33	2.94	8	7

H. H. Cousins.

Weather Office, Government Laboratory,
Kingston.

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No. 314.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

MARCH, 1905.

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	29.987	29.929	72.9	80.8	83.6	68.2	15.4	85.0	14	64.9	4	20.1
Castleton Gardens	496	..	...	63.7	78.5	79.7	63.7	16.0	86.	17	59.	24	27.
Hope Gardens	668	29.956	29.828	66.4	79.7	85.7	66.2	19.5	89.	*19	58.	3	31.
Stony Hill Reformatory	1,400	...	...	68.3	78.5	84.7	63.6	21.1	87.	*11	61.	6	26.
Hill Gardens	4,907	25.208	25.230	57.5	63.1	67.1	53.2	13.9	70.	23	52.	*3	...

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	67.9	84	68.7	67	3.73	213	N.E. by E.	3.5	Var.	6.3	0.0	1.3	1.0	0.6	5.2	0.3
Castleton Gardens	496	62.8	96	70.	76	7.82	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens	668	61.6	84	67.9	66	3.45	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory	1,400	65.5	90	71.1	78	5.55	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens	4,907	51.8	80	59.4	58	6.74	...	...	...	...	...	...	...	...	...	...	...

* And on other days.

RAINFALL FOR MARCH, 1905.

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.	MARCH, 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Hordley	...	...	...		...
Manchioneal	...	...	...	...	...
Ecclesdown	15.44	7.80	30	13	...
Fair Prospect	8.85	2.20	30	15	6.62
Bath	5.69	1.08	28	16	4.14
Moore Town	24.15	10.02	5	11	11.94
Port Antonio	7.92	1.74	5	9	4.27
Fellowship	22.72	7.40	28	17	6.99
Johnson River Bridge	1.96	0.80	5	8	2.32
Shrewsbury	22.65	5.77	28	12	8.41
Cedar Valley, St. Thos	4.73	1.20	6	11	2.71
Farm Hill	4.88	2.64	5	2	...
Hill Gardens	6.74	2.80	5	15	5.27
Buff Bay	13.46	3.76	29	8	5.00
Bybrook	3.27	9.30	6	6	...
Mt. Holstein	6.74	3.49	5	15	..
Hardware Gap	6.63	...	...	...	4.73
Irish Town	3.78	1.45	5	5	...
Annotto Bay	9.45	2.40	29	11	3.24
Stony Hill Reft.	5.55	2.00	27	11	2.99
Castleton Gardens	7.82	2.93	31	14	4.90
Lawrence Tavern	9.50	1.72	13	15	2.69
Quebec	...	...	...	...	...
Water Valley	11.61	3.05	31	8	5.17
Richmond, St. Mary	12.06	5.14	31	14	3.62
Kendal, St. Mary	...	..	...	...	...
Gayle, P.W.D.	10.65	4.46	31	10	4.09
Rio Hoe	5.74	1.14	31	12	3.74
Unity Valley	7.19	2.52	26	14	3.56
Moneague	5.61	1.50	26	15	3.09
Claremont	...	...	...	...	...
Albion	5.03	1.43	26	11	3.68
Avernam Park	9.78	3.62	30	10	3.97
Ballintoy	6.82	1.96	30	10	3.39
Means	9.68	...	...	...	4.62

NORTHERN DIVISION.	MARCH, 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	12.96	3.24	29	16	3.28
Ocho Rios	8.31	3.38	31	8	2.84
Drax Hall	...	...	...	...	...
Liberty Hill	10.03	1.53	24	9	...
St. Ann's Bay	6.48	2.03	31	10	2.34
Richmond Estate	7.54	1.90	30	9	2.78
Llandovery	8.95	1.65	29	10	2.96
Southfield	7.02	1.78	30	8	4.31
Brown's Town	6.07	2.46	30	9	3.22
Hyde Park	12.70	2.50	26,31	11	4.92
Dry Harbour	3.54	1.28	29	8	1.73
Chewmagna	9.06	2.20	30	12	3.70
Home Castle	...	...	...	...	...
Richmond Pen	...	...	...	...	...
Mahogany Hall	9.55	5.79	30	7	2.48
Brampton Bryan	3.56	2.07	30	8	1.93
Bryan Castle	4.39	1.70	30	6	1 93
Braco	5.05	1.43	30	7	1.72
Arcadia	3.18	1.60	30	5	1.88
Harmony Hall	4.70	1.50	30	7	1.80
Lancaster	...	...	...	...	...
Vale Royal	5.06	1.74	30	8	2.30
Colchis Pen	...	...	...	...	...
Hyde	7.03	3.47	30	8	2.79
Georgia	5.10	2.30	30	7	2.07
Long Pond	6.74	2.77	30	7	2.72
Steelfield	6.62	3.30	30	6	2.23
Oxford	7.40	4.00	30	7	2.03
Cambridge	7.49	3.82	30	7	2.31
Lottery	7.80	3.60	30	8	2.07
Falmouth P.W.D.	6.15	3.00	30	8	1.89
Holland Pen	...		...	...	...
Tilston	...	...	...	...	...
Kent	3.78	2.00	29	5	1.96
Dundee	...	...	...	...	...
Phœnix	...	...	...	...	...
Gales Valley	...	...	...	...	..
Canaan	...	...	...	...	...
Lima	...	...	...	...	...
Content	7.47	3.00	29	8	2.42
Moor Park	5.33	2.15	29	9	...
Success	...	...	...	...	...
Cinnamon Hill	...	...	...	...	...
Rose Hall	...	...	...	...	...
Running Gut	...	...	...	...	...
Spring	...	...	...	...	...
Ironshore	...	...	...	...	...
Montego Bay	4.15	1.85	30	8	1.63
Fairfield, St. James	...	...	...	...	...
Irwin	5.45	1.80	29	8	...
Anchovy	5.28	1.50	29	11	2.41
Round Hill	...	...	...	...	...
Sandy Bay	7.48	2.50	28	8	2.39
Lucea	7.95	1.80	9	12	2.33

Central Sub-Division	March, 1905.					Southern Division.	March, 1905.				
	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	...	...		...	...						
Shanton	10.46	2.52	26	17	...	Morant Point L. H.	4.59	1.03	31	15	1.99
Linstead	7.14	1.5	17	14	3.06	Morant Bay	2.54	1.60	5	5	1.60
Berkshire Hall	6.94	2.20	31	11	...	Easington	1.09	0.35	5	6	1.27
Point Hill	15.68	2.30	28	15	5.80	Bull Bay	0.93	0.33	5	6	0.28
Carew Castle	6.24	1.73	2	16		Gordon Town	4.02	1.48	5	9	1.45
Worthy Park	7.17	2.68	17	11	3.01	Hope Gardens	3.45	1.30	27	12	1.96
Good Hope	...	...	...	...	...	Mona	2.71	1.20	5	7	...
Chapelton	4.60	1.05	6	13	2.77	Halfway Tree	2.23	1.32	5	7	1.22
Lower Chapelton	5.76	1.12	6	15	3.55	Lunatic Asylum	2.03	1.16	27	7	1.00
Savoy House	6.25	1.89	26	13	5.10	Public Works Office	1.25	0.57	5	6	1.11
Mears	...	...	...	...	...	Plumb Point L. H.	3.16	1.58	27	5	0.95
Cave Valley	9.44	2.20	27	15	3.07	Port Royal N. Hospital	...	...	...	...	...
						Ballast Ground	2.50	0 84	5	5	...
						Spanish Town	3.39	1.30	30	8	2.23
Means	6.96	...	...	...	2.73	Hog Hole Pen	3.58	1.32	30	9	2.24
						Browns Hall	11.27	4.15	26	10	4.57
West Central Division.						Bartons	...	...	...	...	...
						Old Harbour	3.00	0.80	17	5	2.08
Mocho	...	...	...	...	...	May Pen	3.62	1.07	6	10	2.03
Baillieston	11.56	...	...	16	5.60	Denbigh	3.00	0.90	27	6	2.20
Farm Plantation	3.49	0.75	5	12	3.29	Parnassus Est.	...	...	...	...	...
Brokenhurst	...	...	...	...	...	Amity Hall	2.21	1.40	5	7	...
Christiana	8.98	1.50	31	17	4.82	New Yarmouth	1.50	0.95	5	3	1.12
Kendal, Manchester	8.59	1.90	17	15	4.53	Milk River	2.69	0.95	5	9	...
Marshalls Pen	12.70	...	..	...	...	Victoria Town	5.54	1.48	6	9	2.15
Mandeville P.W.D	5.85	1.01	17	13	4.65	Stone's Hope	5.15	1.90	26	12	2.79
Carlton, Mandeville	4.84	1.00	18	...	4.33	Newport, Manchester.	2.97	1.06	26	5	3.35
Fairfield, Manchester	8.93	2.88	24	14	5.47	Alligator Pond	1.23	0.56	19	3	1.94
Ulster Spring	7.16	2.20	25	12	3.55	Potsdam	6.78	2.60	17	10	3.68
Low River	8.91	3.00	26	12	...	Long Hill	9.44	2.60	18	14	4.02
Troy	11.47	2.96	18	14	6.99	Pepper	10.80	2.10	16	12	5.13
Windsor Pen, Trel.	11.60	3.50	30	13	3.18	Torrington	7.49	3.50	17	11	3.44
Balaclava	9.90	3.10	7	18	3.90	Bethlehem, St. Eliz.	7.27	1.56	17	15	4.56
Elim	8.05	1.30	30	10	4.05	Santa Cruz	8.35	1 50	15	20	3.89
Siloah	10.45	2.20	7	14	5.54	Pedro Plains	2.84	0.70	17,29	7	...
Appleton Ry. Station	8.37	2.20	8	13	...	Black River	4.21	0.96	29	12	2.34
Appleton Estate	9.78	2.14	7	18	...	Spring Hill	6.98	1.15	16	14	...
Vauxhall	7.35	1.43	7	14	...	Font Hill	9.20	2.70	6	8	4.21
Kempshot	5.90	1.39	29	15	2.85	Shrewsbury, Westd.	7.63	1.84	29	11	...
Kew Park	9.85	2.25	14	13	4.33	Peter's Ville	8.19	1.53	8	14	5 44
Hazelymph	5.79	1.70	9	14	3.73	Mount Edgecombe	8.08	1.59	8	14	4.03
King Gate	6.30	1.57	29	8	3.57	Bluefields	18.76	3.40	10	15	...
Darliston	8.19	1.45	29	14	6.79	Sweet River	6.87	2.23	29	8	3.56
Whithorn	7.49	1.52	29	14	5.68	Windsor, Sav.-la.-Mar	5.19	2.22	29	12	2.96
Copse	...	...	...	...	...	Sav.-la-Mar P.W.D.	4.24	1.74	29	11	2.75
Great Valley	...	...	...	...	...	Retreat	4.64	1.20	16	11	3.42
Brownsville	11.85	3.62	30	17	4.95	Spring Valley	...	...	...	...	...
Fontabelle	7.03	1.27	8	15	4.09	Negril Point L. H.	3.73	1.02	29	10	2.51
Morgan's Bridge	8.18	1.33	8	14	5.16						
King's Valley	11.61	1.50	21	13	4.39						
King's Vale Police St.	9.53	2.69	9	12	5.59						
Means	8.44	...	...	...	4.63	Means	4.83	...	...	...	2.14

NOTES.

Comparative Table of Rainfall.

(based upon the "Average" Stations only.)

	March.	
	1905.	Average.
	In.	In.
North Eastern Division .	9.68	4.62
Northern .	6.96	2.73
West Central .	8.44	4.63
So thern .	4.83	2.64
Means .	7.48	3.66

The Rainfall for March was therefore a little more than twice the Average for the whole Island. The greatest fall 24.15 in. occurred at Moore Town in the North Eastern Division while 0.93 in. fell at Bull Bay in the Southern Division.

February, 1905.

Weather Report, No. 312. Returns sent up too late for publication in that Report.	Total Fall.	Greatest fall in 24 hours.		Days on which 00.1 or more fell.
		Amount.	Date.	
	In.	In.		
Richmond Estate ...	4.23	1.10	19	9
Holland Pen ...	1.64	0.28	25	8
Anchovy ..	0.48	0.20	25	4
Fontabelle (Westd) ...	1.56	0.48	2	6
Farm Hill ...	5.66	1.55	16	3

H. H. Cousins.

Weather Office, Government Laboratory,
Kingston.

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Weather Bureau.

No. 315.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

APRIL, 1905.

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	29.932	29.879	77.3	81.9	85.2	71.8	13.4	86.7	18	67.3	3	19.4
Castleton Gardens .	496	..	...	67.2	81.6	85.5	67.2	18.3	88.	20,23	63.	*8	25.
Hope Gardens .	668	29.907	29.846	72.9	82.4	88.0	71.4	16.6	93.	15, 19	67.	*16	26.
Stony Hill Reformatory .	1,400	...	...	71.8	81.4	88.0	66.6	21.4	90.	*6	63.	4	27.
Hill Gardens .	4,907	25.210	25.218	60.0	66.4	69.9	55.4	14.5	73.	18	58.	*6	20.

Station.	Elevation.	Dew Point and Humidity.				Rainfall.	Wind per diem.	Wind: direction (from and miles per hour.)				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.				7 a.m.		3 p.m.		7 a.m.			3 p.m.		
	ft.	°		°		in.	miles		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Negril Point Light House	33	71.3	81	72.7	74	3.20	232	E. N.E.	3.8	S.E.	9.7	0.3	0.3	1.7	2.4	5.5	0.0
Castleton Gardens .	496	65.4	92	73.3	76	4.93	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	668	68.3	86	74.7	76	3.49	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	68.9	90	70.5	69	4.46	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	53.6	77	59.7	78	4.09	...	...	...	...	...	...	...	...	...	...	...

* And on other days.

RAINFALL FOR APRIL, 1905.

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, 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In			In.
Hordley	...	...	...		...
Manchioneal	2.24	1.42	1	3	6.96
Ecclesdown	3.67	1.00	5	9	...
Fair Prospect	4.08	0.66	12	22	4.86
Bath	4.89	2.78	1	11	5.59
Moore Town	5.00	...	...	11	11.67
Port Antonio	3.09	1.69	19	7	6.19
Fellowship	5.90	1.30	8	14	10.17
Johnson River Bridge	1.81	0.73	21	5	4.08
Shrewsbury	3.85	2.50	8	7	...
Cedar Valley, St. Thos	1.93	0.40	21	9	3.35
Farm Hill	2.02	1.07	1	13	...
Hill Gardens	4.10	1.20	1	13	6.31
Buff Bay	5.40	2.10	19	8	6.88
Bybrook	4.41	2.93	1	9	...
Mt. Holstein	3.94	1.89	1	14	..
Hardware Gap	4.13	...	...	...	6.32
Irish Town	4.25	1.50	9	7	...
Annotto Bay	3.84	1.30	9	7	5.33
Stony Hill Reft.	4.46	1.35	8	8	5.33
Castleton Gardens	4.93	1.65	27	8	6.85
Lawrence Tavern	4.20	1.85	28	9	4.36
Quebec	...	...	...	...	...
Water Valley	6.06	3.07	10	8	5.77
Richmond, St. Mary	2.95	0.68	26	12	5.21
Kendal, St. Mary	...	..	...	...	...
Gayle, P.W.D.	...	...	...	...	...
Rio Hoe	1.10	0.46	26	5	4.47
Unity Valley	1.87	0.72	1	7	4.65
Moneague	1.80	0.53	1	7	4.03
Claremont	0.95	0.60	10	2	4.12
Albion	1.60	0.66	26	6	4.60
Averham Park	1.92	0.76	10	11	4.84
Ballintoy	1.39	0.68	10	4	4.27
Means	3.31	...	...	...	5.63

NORTHERN DIVISION.	APRIL, 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	7.63	1.50	19	11	4.21
Ocho Rios	3.11	1.45	8	4	2.96
Drax Hall	3.81	1.35	9	5	3.29
Liberty Hill	2.24	0.82	10	7	...
St. Ann's Bay	1.90	0.50	10	6	3.37
Richmond Estate	2.07	0.80	10	6	3.58
Llandovery	1.15	0.86	10	3	3.51
Southfield	3.15	1.46	9	5	7.12
Brown's Town	1.78	1.22	10	3	3.74
Hyde Park	1.20	0.50	8	3	3.03
Dry Harbour	2.09	1.65	8	4	2.70
Chewmagna	1.98	1.42	28	7	3.58
Home Castle	1.55	0.50	9	4	3.58
Richmond Pen	1.30	1.10	1	3	3.74
Mahogany Hall	1.47	0.66	10	7	3.92
Brampton Bryan	1.45	0.67	7	5	2.27
Bryan Castle	1.57	0.55	8	5	2.25
Braco	1.09	0.53	9	5	2.36
Arcadia	1.90	0.55	1	7	2.48
Harmony Hall	1.13	0.50	8	6	2.18
Lancaster	...	...	...	...	...
Vale Royal	2.23	0.60	1	7	3.02
Colchis Pen	1.33	0.83	7	3	3.19
Hyde	4.25	1.30	19	7	3.42
Georgia	1.55	0.50	16	6	2.54
Long Pond	0.76	0.38	1	5	2.97
Steelfield	1.35	0.60	16	5	2.61
Oxford	0.95	0.75	1	2	2.58
Cambridge	1.70	1.50	1	2	3.16
Lottery	1.03	0.52	1	5	2.36
Falmouth P.W.D.	1.61	0.84	9	6	2.19
Holland Pen	2.60	1.22	8	4	2.43
Tilston	...	...	...	...	...
Kent	6.80	4.00	16	3	...
Dundee	...	...	...	...	...
Phœnix	...	...	...	...	...
Gales Valley	...	...	...	...	
Canaan	...	...	...	...	...
Lima	6.40	2.60	16	4	3.32
Content	6.40	2.10	16	7	2.48
Moor Park	6.38	3.06	6	8	...
Success	1.05	0.50	16	4	2.37
Cinnamon Hill	0.70	0.16	16	6	1.99
Rose Hall	0.80	0.40	19	4	1.97
Running Gut	0.70	0.31	7	4	1.79
Spring	...	...	...	...	...
Ironshore	...	...	...	...	...
Montego Bay	11.20	6.42	7	9	3.88
Fairfield, St. James	8.83	5.80	7	6	3.69
Irwin	7.10	3.10	7	7	...
Anchovy	...	...	..	...	...
Round Hill	8.30	3.90	7	6	2.70
Sandy Bay	6.63	2.65	7	7	3.88
Lucea	11.35	3.42	26	13	4.01

Central Sub-Division	April, 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Headworks, Rio Cobre	2.56	1.20	3	6	3.77
Shanton	4.27	2.93	8	13	...
Linstead	2.17	0.60	26	7	4.37
Berkshire Hall	1.75	0.70	23	4	...
Point Hill	4.15	2.10	2	10	5.62
Carew Castle	3.25	1.00	1	13	..
Worthy Park	0.36	0.36	28	1	3.30
Good Hope	...	...	...	...	...
Chapelton	2.68	1.25	29	8	3.61
Lower Chapelton	3.56	1.53	29	12	4.94
Savoy House	4.29	1.50	7	13	3.96
Mears	...	...	...	...	...
Cave Valley	1.41	1.00	9	4	5.11
Means	2.94	...	...	...	3.29
West Central Division.					
Mocho	...	...	...	...	...
Baillieston	3.30	2.20	9	3	4.62
Farm Plantation	4.12	0.80	27	11	4.75
Brokenhurst	...	...	...	...	...
Christiana	4.79	2.56	28	7	8.26
Kendal, Manchester	3.98	1.40	10	11	6.54
Marshalls Pen	5.21	1.45	2	10	...
Mandeville P.W.D	4.96	1.28	9	12	5.75
Carlton, Mandeville	5.30	1.51	9	12	7.11
Fairfield, Manchester	5.67	1.54	2	12	6.86
Ulster Spring	2.32	0.58	22	7	7.07
Low River	3.36	1.51	16	7	...
Troy	4.56	2.12	9	5	9.85
Windsor Pen, Trel.	5.28	1.96	1	12	6.52
Balaclava	10.93	3.27	2	11	10.49
Elim	8.88	2.00	29	7	11.88
Siloah	13.35	2.50	24	12	8.98
Appleton Ry. Station	12.05	2.57	9	10	...
Appleton Estate	13.98	2.55	8	13	...
Vauxhall	9.47	1.32	2	13	...
Kempshot	8.36	2.37	7	14	5.90
Kew Park	15.40	2.23	18	18	8.77
Hazelymph	15.59	2.85	6	16	6.41
King Gate	7.68	4.04	7	7	4.30
Darliston	17.57	2.93	2	20	12.29
Whithorn	14.56	2.13	20	16	7.85
Copse	...	...	...	...	...
Great Valley	17.37	3.18	18	18	7.81
Brownsville	17.20	3.06	7	21	9.45
Fontabelle	11.19	1.85	16	17	6.31
Morgan's Bridge	12.85	2.25	18	17	5.76
King's Valley	12.03	2.71	1	14	6.49
King's Vale Police St.	14.49	2.17	1	18	6.91
Means	9.67	...	...	...	7.48

Southern Division.	April, 1905. 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.	0.72	0.16	3	11	2.97
Morant Bay	1.62	1.00	1	4	2.40
Easington	1.07	0.50	21	7	1.64
Bull Bay	0.87	0.80	27	2	7.48
Gordon Town	3.26	2.08	8	6	3.53
Hope Gardens	3.49	0.82	8	11	2.95
Mona	1.67	0.50	29	7	...
Halfway Tree	1.10	0.47	1	7	1.74
Lunatic Asylum	2.23	1.15	2	7	1.10
Public Works Office	1.38	0.74	2	5	1.01
Plumb Point L. H.	1.76	0.53	1	8	1.03
Port Royal N. Hospital	...	..	...	...	...
Ballast Ground	3.18	3 00	2	2	...
Spanish Town	2.67	1.60	2	5	2.39
Hog Hole Pen	1.85	0.72	1	8	3.00
Browns Hall	2.07	0.65	9	6	...
Bartons	...	...	...	...	...
Old Harbour	2.45	1.75	24	3	3.01
May Pen	4.25	3.35	2	6	2.61
Denbigh	...	...	...	...	...
Parnassus Est.	...	...	...	...	...
Amity Hall	2.28	1.55	2	4	...
New Yarmouth	1.00	1.00	2	1	2.33
Milk River	1.37	0.55	2	7	...
Victoria Town	2.06	0.78	2	5	4.56
Stone's Hope	4.00	0.80	21,24	10	4.28
Newport, Manchester.	5.71	1.72	3	9	4.88
Alligator Pond	1.80	1.43	2	3	3.62
Potsdam	2.34	1.40	2	5	4.27
Long Hill	2.19	0.79	2	6	7.64
Pepper	9.10	2.30	9	6	9.06
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	3.28	1.60	3	5	6.63
Santa Cruz	10.01	3.08	9	9	9.75
Pedro Plains	...	...	...	...	...
Black River	6.36	3.41	2	11	4.22
Spring Hill	7.91	1.72	9	11	...
Font Hill	4 65	1.40	2	7	4.78
Shrewsbury, Westd.	23.56	3.09	27	18	...
Peter's Ville	13.34	2.96	29	12	7 45
Mount Edgecombe	7.32	1 33	9	15	5.26
Bluefields	11.18	2.60	2	13	...
Sweet River	14.75	2.00	26	13	5.83
Windsor, Sav.-la.-Mar	12.11	1.82	16	15	5.06
Sav.-la-Mar P.W.D.	12.90	1.73	16	17	5.56
Retreat	8.11	2.00	16	12	5.42
Spring Valley	...	...	...	...	...
Negril Point L. H.	3.20	0.84	19	10	3.13
Means	4.63	...	...	...	4 26

NOTES.

Comparative Table of Rainfall.

(based upon the "Average" Stations only.)

	April.	
	1905.	Average.
	In.	In.
North Eastern Division	3.31	5.68
Northern	2.94	3.29
West Central	9.67	7.48
Southern	4.63	4.26
Means	5.14	5.18

The Rainfall for April was therefore a little below the Average for the whole Island. The greatest fall 23.56 in. occurred at Shrewsbury in the Southern Division while the least rain 0.36 in. was recorded at Worthy Park in the Central Sub. Division.

March, 1905.

Weather Report, No. 314. Returns sent up too late for publication in that Report.	Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 00.1 or more fell.
	In.	In.		
Ecclesdown ...	15.44	7.80	30	13
Manchioneal ...	10.69	4.10	29	9
Drax Hall ...	12.06	4.00	31	8
Home Castle ..	5.85	2.40	30	7
Richmond Pen ...	8.75	4.20	30	9
Holland Pen ...	4.25	2.04	29	4
Colchis Pen ...	7.63	3.50	30	6
Lima ...	7.38	3.23	29	7
Success ...	5.85	2.10	29	6
Cinnamon Hill ...	6.46	2.14	29	6
Rose Hall ...	5.60	1.50	29	6
Running Gut ...	3.88	1 39	29	6
Fairfield ...	4.33	1.96	30	6
Round Hill ...	8.50	3.20	29	7

H. H. Cousins.

Weather Office, Government Laboratory,
Kingston.

No. 316.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

MAY, 1905.

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	29.928	29.881	77.8	81.4	85.8	72.2	13.6	87.5	27	69.0	8	18.5
Castleton Gardens .	496	..	...	69.2	79.2	84.6	69.2	15.4	89.	29	66.	2, 3	23.
Hope Gardens .	668	29.911	29.858	74.1	81.2	86.7	72.3	14.4	92.	27	66.	7	26.
Stony Hill Reformatory .	1,400	...	...	72.2	77.7	87.4	67.1	20.3	89.	*1	65.	*1	24.
Hill Gardens .	4,907	25.227	25.201	62.4	66.3	67.8	57.3	10.5	71.	3, 4	55.	2	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	72.6	84	73.1	76	9.80	183	N.E. by E.	3.1	E.	5.6	0.6	1.3	2.0	2.9	6.4	0.3
Castleton Gardens .	496	69.2	100	73.9	82	11.22	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	668	67.3	78	77.6	87	7.20	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	69.6	91	70.8	79	10.06	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	58.8	86	62.4	87	9.62	...	...	...	...	...	...	...	...	...	...	...

* And on other days.

RAINFALL FOR MAY, 1905.

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, 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Hordley	...	...	...	...	...
Manchioneal	25.24	8.00	16	13	17.34
Ecclesdown	32.86	7.08	16	28	...
Fair Prospect	18.93	3.08	16	21	15.18
Bath	21.65	6.46	16	22	13.73
Moore Town	25.65	9.60	15	12	21.72
Port Antonio	28.22	8.75	7	14	18.68
Fellowship	30.21	7.60	8	19	2.49
Johnson River Bridge	19.03	5.46	15	18	9.10
Shrewsbury	19.69	6.72	15	16	16.19
Cedar Valley, St. Thos	14.52	3.20	16	13	11.32
Farm Hill	..	...	...	...	...
Hill Gardens	9.62	3.40	15	20	11.10
Buff Bay	10.30	3.13	8	10	9.41
Bybrook	...	...	...	...	...
Mt. Holstein	13.20	3.57	16	21	9.51
Hardware Gap	13.79	..	...	...	13.82
Irish Town	7.40	2.05	21	5	...
Annotto Bay	6.42	1.31	19	10	7.92
Stony Hill Reft.	10.06	2.52	15	17	9.89
Castleton Gardens	11.22	2.60	18	18	12.31
Lawrence Tavern	9.55	1.71	16	17	10.14
Quebec	...	...	...	...	...
Water Valley	5.47	1.40	5	10	8.09
Richmond, St. Mary	5.77	1.26	26	18	7.87
Kendal, St. Mary	...	...	...	...	...
Gayle, P.W.D.	5.98	1.85	19	12	7.36
Rio Hoe	3.38	0.79	19	11	8.87
Unity Valley	6.67	1.40	14	17	10.27
Moneague	4.44	1.40	22	18	8.70
Claremont	...	...	...	...	...
Albion	6.75	3.12	19	15	8.34
Avernam Park	5.36	2.18	19	13	10.54
Ballintoy	3.28	1.00	19	11	6.81
Means	12.86	...	...	...	11.03

Northern Division.	May, 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	5.45	1.00	15	15	7.14
Ocho Rios	...	...	...	...	...
Drax Hall	2.85	1.25	6	4	7.86
Liberty Hill	2.19	0.98	20	5	...
St. Ann's Bay	1.59	0.66	5	5	5.81
Richmond Estate	2.28	1.00	3	6	8.14
Llandovery	1.89	1.47	5	3	7.67
Southfield	2.78	1.60	5	5	8.64
Brown's Town	7.18	2.25	19	10	7.79
Hyde Park	3.10	1.00	15	7	5.32
Dry Harbour	5.29	0.67	18	4	4.95
Chewmagna	5.18	1.22	27	14	6.93
Home Castle	5.45	1.65	19	10	6.30
Richmond Pen	9.60	1.50	19	17	8.07
Mahogany Hall	6.06	2.18	21	9	8.86
Brampton Bryan	4.11	1.35	19	8	5.75
Bryan Castle	4.43	1.72	20	5	5.45
Braco	1.62	0.93	5	4	5.00
Arcadia	2.93	0.80	19	6	5.02
Harmony Hall	1.13	0.50	8	6	4.97
Lancaster	...	...	...	...	...
Vale Royal	3.64	1.00	14	10	6.39
Colchis Pen	4.83	1.00	21	8	7.46
Hyde	3.80	1.05	14	9	8.10
Georgia	3 19	0.63	19	11	5.81
Long Pond	3.69	0.85	14	10	5.30
Steelfield	3.98	0.75	22	10	5.88
Oxford	3.85	1.30	20	8	6.03
Cambridge	1.88	0.60	19	7	6.85
Lottery	1.53	0.30	19	12	6.43
Falmouth P.W.D.	1.91	0.52	21	7	5.37
Holland Pen	1.52	0.48	19	6	5.49
Tilston	...	...	...	...	...
Kent	1.55	0.50	20	5	5.61
Dundee	...	...	...	...	...
Phœnix	...	...	...	...	..
Gales Valley	...	...	...	...	...
Canaan	...	...	...	...	...
Lima	2.40	0.56	6	5	.29
Content	2.33	0.80	20	9	7.23
Moor Park	4.41	1.57	19	15	...
Success	0.55	0.25	6	3	4.60
Cinnamon Hill	0.60	0.50	19	2	5.42
Rose Hall	0.25	0.25	19	1	4.84
Running Gut	1.08	0.87	19	3	5.27
Spring	...	...	...	...	...
Ironshore	...	...	...	...	...
Montego Bay	5.33	1.81	23	15	7.64
Fairfield, St. James	2.96	1.12	23	4	8.44
Irwin	5.70	1.50	22	13	...
Anchovy	...	...	...	...	...
Round Hill	6.25	1.40	14	12	7.46
Sandy Bay	3.77	0.85	20	19	9.21
Lucea	6.28	2.12	18	18	7.97
Westfield	11.83	2.11	15	27	...

Central Sub-Division	May, 1905.					Southern Division.	May, 1905.				
	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	4.29	1.73	15	14	8.00						
Shanton	7.88	1.88	15	20	...	Morant Point L. H.	15.48	8.95	17	19	11.25
Linstead	10.14	3.90	16	17	10.10	Morant Bay	17.70	6.00	15	24	8.37
Berkshire Hall	5.17	1.40	27	11	...	Easington	9.59	2.45	16	13	6.26
Point Hill	9.65	1.80	16	14	13.24	Bull Bay	4.21	1.55	16	4	3.96
Carew Castle	11.44	2.63	15	18	..	Gordon Town	7.47	3.45	16	9	8.82
Worthy Park	5.38	1.02	10	14	8.29	Hope Gardens	7.20	2.59	15	14	6.54
Good Hope	...	...	...	...	...	Mona	6.45	2.35	15	7	...
Chapelton	3.50	1.15	15	11	8.92	Halfway Tree	5.34	2.74	15	11	4.83
Lower Chapelton	4.15	1.46	15	13	10.33	Lunatic Asylum	5.24	3.78	16	8	3.34
Savoy House	3.27	1.20	15	14	9.06	Public Works Office	5.00	0.84	16	7	4.81
Mears	...	...	...	...	...	Plumb Point L. H.	4.53	2.38	15	6	4.98
Cave Valley	6.55	1.10	10	16	10.02	Port Royal N. Hospital	...	..	...	...	...
						Ballast Ground	5.52	3 39	15	5	...
						Spanish Town	3.97	2.65	15	6	5.97
Means	3.82	...	...	...	7.06	Hog Hole Pen	3.71	1.75	15	10	7.10
						Browns Hall	6.45	2.58	16	9	9.50
West Central Division.						Bartons	...	...	...	...	...
						Old Harbour	5.15	1.70	7	5	5.98
Mocho	7.50	1.71	7	15	...	May Pen	4.55	1.28	15	10	7.53
Baillieston	5.74	0.94	19	18	...	Denbigh	...	..	...	...	...
Farm Plantation	4.20	2.25	15	8	10.26	Parnassus Est.	...	...	...	...	...
Brokenhurst	...	...	...	...	...	Amity Hall	...	...	...	...	...
Christiana	7.97	2.34	21	16	12.24	New Yarmouth	1.73	0.72	8	4	4.49
Kendal, Manchester	6.58	0.95	19	17	10.96	Milk River	3.15	0.98	15	8	...
Marshalls Pen	6.98	1.45	14	16	...	Victoria Town	4.10	1.45	15	6	9.70
Mandeville P.W.D	5.63	1.31	15	18	6.54	Stone's Hope	4.94	1.74	15	13	9.71
Carlton, Mandeville	4.94	1.40	15	17	8.57	Newport, Manchester.	5.28	2.12	15	8	9.13
Fairfield, Manchester	3.78	1.40	16	11	9.39	Alligator Pond	0.78	0.56	15	3	6.26
Ulster Spring	5.56	0.95	22	15	12.13	Potsdam	2.32	2.20	15	3	5.91
Low River	...	...	...	...	...	Long Hill	3.31	1.14	16	8	10.24
Troy	12.78	2.50	8	9	16.80	Pepper	5.38	2.80	21	6	8.93
Windsor Pen, Trel.	8.22	1.54	24	15	10.96	Torrington	...	...	...	...	...
Balaclava	4.91	1.32	21	11	15.04	Bethlehem, St. Eliz.	3.46	1.56	16	9	11.88
Elim	5.70	4.00	21	4	17.96	Santa Cruz	...	...	...	...	...
Siloah	10.35	1.85	21	17	12.69	Pedro Plains	...	...	...	...	...
Appleton Ry. Station	8.83	1.88	11	11	...	Black River	4.59	1.62	14	13	7.46
Appleton Estate	10.59	2.06	10	16	...	Spring Hill	6.09	1.11	10	13	...
Vauxhall	11.95	2.35	19	14	...	Font Hill	5.25	1.25	10	9	8.66
Kempshot	8.71	1.72	15	19	10.35	Shrewsbury, Westd.	12.25	1.55	18	24	...
Kew Park	13.29	2.41	21	23	12.81	Peter's Ville	...	...	...	...	...
Hazelymph	17.72	2.25	20	21	11.94	Mount Edgecombe	8.19	2 20	10	18	7.97
King Gate	6.70	2.71	19	11	8.64	Bluefields	...	...	...	...	...
Darliston	13.89	2.13	22	23	16.53	Sweet River	9.64	1.20	14	18	9.42
Whithorn	11.53	1.78	23	25	13.81	Windsor, Sav.-la.-Mar	13.93	3.37	11	21	9.22
Copse	...	...	...	...	...	Sav.-la-Mar P.W.D.	14.11	3.44	11	26	9.18
Great Valley	...	...	...	..	...	Retreat	12.16	2.50	10	17	8.82
Brownsville	13.86	1.65	2	21	14.45	Spring Valley	...	...	...	...	...
Fontabelle	...	...	...	...	...	White Hall	11.76	2.24	10	17	...
Morgan's Bridge	15.98	3.85	21	25	11.90	Negril Point L. H.	9.80	2.00	10	19	5.79
King's Valley	14.04	3.74	21	17	12.00						
King's Vale Police St.	10.63	1.40	10	22	8.71						
Means	9.41	...	...	...	12.03	Means	6.71	...	...	...	7.56

NOTES.

COMPARATIVE TABLE OF RAINFALL.

(Based upon the "Average" Stations only.)

	MAY.	
	1905.	Average.
	In.	In.
North Eastern Division .	12.86	11.03
Northern .	3.82	7.06
West Central .	9.41	12.03
Southern .	6.71	7.56
Means .	5.70	9.42

The Rainfall for May was therefore considerably below the Average for the whole Island. The greatest fall 32.86 in. was recorded at Ecclesdown in the North-Western Division while the least rain 0.25 in. occurred at Rose Hall in the Northern Division.

MAY, 1905.

Weather Report, No. 315. 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.		
White Hall ...	4.71	1.20	10	12

H. H. COUSINS.

Weather Office, Government Laboratory,
Kingston.

No. 317.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

JUNE, 1905.

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	29.903	29.876	78.5	83.2	86.2	73.2	13.0	90.2	23	68.7	7	21.5
Castleton Gardens	496	..	...	71.2	82.1	87.2	71.2	16.0	92.	24, 25	68.	7	24.
Hope Gardens	668	29.915	29.886	75.1	84.1	88.1	74.4	13.7	93.	17	69.	11, 18	24.
Stony Hill Reformatory	1,400	...	...	73.5	80.9	88.5	68.4	20.1	93.	30	66.	6, 7	27.
Hill Gardens	4,907	25.204	25.192	62.6	67.3	69.8	59.3	10.5	75.	*16	58.	*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	72.2	81	73.5	72	4.22	209	E. N.E.	4.7	S.E. by E.	9.6	1.3	1.6	4.0	2.6	5.5	1.2
Castleton Gardens	496	69.4	93	75.5	79	11.41	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens	668	69.9	81	77.6	79	5.82	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory	1,400	70.9	91	73.6	78	8.40	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens	4,907	59.0	89	58.8	72	9.58	...	* ...	...	...	...	...	...	...	...	...	...

* And on other days.

RAINFALL FOR JUNE, 1905.

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.	JUNE, 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Hordley	...	...	...		...
Manchioneal	18.98	5.80	11	9	10.99
Ecclesdown	38.20	2.11	13	15	...
Fair Prospect	32.22	8.95	12	21	16.36
Bath	19.54	7.45	12	16	13.91
Moore Town	22.76	7.50	12	14	27.69
Port Antonio	19.92	4.40	10	13	17.95
Fellowship	20.29	6.12	11	21	23.08
Johnson River Bridge	33.66	16.75	12	16	17.62
Shrewsbury	8.09	2.58	11	21	11.78
Cedar Valley, St. Thos	18.64	4.90	12	10	15.01
Farm Hill	..	..	...	...	...
Hill Gardens	9.58	4.10	12	12	8.01
Buff Bay	4.50	2.05	11	13	7.27
Bybrook	...	...	...	...	...
Mt. Holstein	8.09	1.65	7	14	8.85
Hardware Gap	7.12	..	...	...	7.75
Irish Town	6.22	3.70	12	5	...
Annotto Bay	5.39	1.10	11	15	5.12
Stony Hill Reft.	8.40	3.22	12	13	7.34
Castleton Gardens	11.41	2.13	3	14	9.95
Lawrence Tavern	10.33	2.50	12	15	7.44
Quebec	...	...	...	...	...
Water Valley	5.08	1.14	11	13	6.11
Richmond, St. Mary	5.67	1.18	7	18	7.51
Kendal, St. Mary	7.92	2.30	10	11	...
Gayle, P.W.D.	7.55	3.50	5	12	6.80
Rio Hoe	8.96	1.97	7	18	8.75
Unity Valley	...	...	...	...	...
Monsague	10.05	1.80	2	18	7.75
Claremont	7.02	1.85	7	8	5.98
Albion	5.82	0.93	7	20	6.82
Ayernam Park	8.90	3.45	7	15	5.70
Ballintoy	4.89	0.81	1	16	6.61
Means	12.42	...	...	...	10.69

NORTHERN DIVISION.	JUNE, 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell	Average
	In.	In.			In.
Port Maria	3.47	0.80	4	13	4.47
Ocho Rios	...	...	...	...	...
Drax Hall	6.03	1.93	5	6	5.48
Liberty Hill	4.46	0.95	8	10	...
St. Ann's Bay	2.69	1.35	5	10	3.73
Richmond Estate	4.20	0.75	5	11	4.92
Llandovery	2.96	0.65	6	6	4.26
Southfield	4.00	0.81	13	10	6.19
Brown's Town	4.00	0.82	5	13	4.12
Hyde Park	8.25	1.50	9	10	8.76
Dry Harbour	...	...	...	...	...
Chewmagna	7.76	1.00	1	15	6.91
Home Castle	4.34	0.95	12	10	4.16
Richmond Pen	8.85	1.85	6	11	5.18
Mahogany Hall	11.31	4.42	1	12	5.35
Brampton Bryan	4.19	1.22	1	11	3.46
Bryan Castle	4.30	1.07	12	12	3.47
Braco	5.32	0.83	8	10	3.14
Arcadia	4.11	1.03	1	11	4.88
Harmony Hall	...	...	...	...	...
Lancaster	...	...	...	...	...
Vale Royal	4.98	1.41	1	12	4.43
Colchis Pen	9.40	2.00	1	8	4.89
Hyde	4.89	1.25	1	15	5.22
Georgia	3.98	1.00	3	12	3.73
Long Pond	4.20	1.00	1	11	4.56
Steelfield	4.42	1.00	3	13	4.27
Oxford	5.65	1.80	3	11	4.28
Cambridge	5.68	2.40	3	9	4.93
Lottery	7.27	2.80	3	12	4.09
Falmouth P.W.D.	5.02	1.53	12	11	2.75
Holland Pen	6.27	3.18	12	11	4.03
Tilston	...	...	...	...	...
Kent	5.40	1.15	5	10	3.74
Dundee	...	...	...	...	...
Phœnix	...	...	...	...	...
Gales Valley	...	...	...	...	...
Canaan	...	...	...	...	...
Lima	7.33	2.00	1	9	5.64
Content	5.20	1.00	3	12	4.20
Moor Park	10.06	2.17	2	18	...
Success	3.35	0.80	12	8	2.64
Cinnamon Hill	4.79	1.25	12	9	3.28
Rose Hall	5.30	1.50	12	9	3.10
Running Gut	4.58	1.70	12	9	3.11
Spring	...	...	...	...	...
Ironshore	...	...	...	...	...
Montego Bay	7.99	2.40	12	15	7.43
Fairfield, St. James	7.63	1.80	12	11	7.68
Irwin	9.25	2.25	12	16	...
Anchovy	...	...	...	...	...
Round Hill	6.05	2.30	6	10	6.11
Sandy Bay	12.13	2.58	11	18	7.55
Lucea	11.96	2.33	30	19	9.03
Westfield	8.40	2.06	3	14	...

CENTRAL SUB-DIVISION	JUNE, 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Headworks, Rio Cobre	8.70	4.22	12	10	6.07
Shanton	10.24	4.12	12	15	...
Linstead	9.40	3.50	12	14	8.26
Berkshire Hall	12.25	2.65	13	11	...
Point Hill	23.23	8.20	12	15	10.06
Carew Castle	...	...	...	...	...
Worthy Park	12.02	4.16	13	11	6.93
Good Hope	...	...	...	...	...
Chapelton	13.05	2.80	13	13	6.91
Lower Chapelton	15.93	4.00	13	14	7.69
Savoy House	14.96	3.50	13	14	10.81
Mears	...	...	...	...	...
Cave Valley	12.56	2.20	9	14	7.66
Means	7.21	...	...	...	5.38
WEST CENTRAL DIVISION.					
Mocho	26.51	5.34	9	13	12.18
Baillieston	15.85	5.40	9	13	11.01
Farm Plantation	21.07	6.00	13	11	10.76
Brokenhurst	19.69	6.55	14	12	13.71
Christiana	10.48	3.24	9	...	8.38
Kendal, Manchester	18.06	7.08	9	12	13.35
Marshalls Pen	17.58	8.90	9	12	...
Mandeville P.W.D	22.73	10.02	9	17	7.29
Carlton, Mandeville	21.05	9.60	9	14	14.30
Fairfield, Manchester	5.48	2.55	9	10	10.08
Ulster Spring	4.36	0.90	6	9	5.13
Low River	...	...	...	...	...
Troy	10.51	1.75	6	17	7.11
Windsor Pen, Trel.	9.11	2.15	7	18	9.26
Balaclava	3.00	1.30	1	8	4.60
Elim	4.30	1.50	1	9	6.60
Siloah	2.62	0.75	9	6	7.22
Appleton Ry. Station	...	...	...	...	...
Appleton Estate	2.16	0.58	9	9	...
Vauxhall	5.16	1.00	5	11	...
Kempshot	8.60	1.26	5	17	9.50
Kew Park	7.95	1.75	1	11	10.11
Hazelymph	5.79	1.25	1	16	7.79
King Gate	11.91	2.20	11	14	10.36
Darliston	8.04	1.95	12	12	12.90
Whithorn	5.41	1.10	3	18	9.80
Copse	...	...	...	...	...
Great Valley	13.62	3.30	6	16	13.38
Brownsville	16.70	3.00	30	21	14.51
Fontabelle	5.87	1.50	6	11	9.80
Morgan's Bridge	8.99	1.54	1	15	10.45
King's Valley	4.69	1.67	3	5	11.88
King's Vale Police St.	5.91	1.16	2	12	11.56
Means	10.05	...	...	...	10.11

SOUTHERN DIVISION.	JUNE, 1905. 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.	9.68	2.48	12	18	8.21
Morant Bay	21.40	10.24	12	15	10.26
Easington	19.94	6.75	12	13	9.56
Bull Bay	9.80	4.86	12	6	5.19
Gordon Town	6.84	3.55	12	10	5.73
Hope Gardens	5.82	2.49	12	9	5.30
Mona	6.57	3.00	12	5	...
Halfway Tree	5.80	2.25	12	7	4.02
Lunatic Asylum	7.03	2.82	12	9	5.25
Public Works Office	7.33	6.27	*10	8	4.16
Plumb Point L. H.	9.76	5.08	12	8	4.39
Port Royal N. Hospital	..	..	...	...	...
Ballast Ground	7.84	3 30	12	5	...
Spanish Town	10.81	5.83	12	10	5.08
Hog Hole Pen	9.52	5.50	12	9	5.61
Browns Hall	13.28	5.15	12	9	9.82
Old Harbour	19.10	9.00	12	10	7.56
May Pen	12.37	4.10	12	10	6.95
Denbigh	...	.	...	...	...
Parnassus Est.	...	...	...	...	...
Amity Hall	...	...	...	...	...
New Yarmouth	12.37	4.51	12	8	6.06
Milk River	11.48	3.15	12	13	...
Victoria Town	15.21	3.46	12	10	7.79
Stone's Hope	16.94	4.51	14	12	10.38
Newport, Manchester	21.33	7.36	13	11	10.30
Alligator Pond	12.64	8.00	14	6	6.04
Potsdam	5.56	1.50	8	9	5.92
Long Hill	1.77	1.20	9	8	5.97
Pepper	5.63	1.85	9	5	5.38
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	...	..	...	...	...
Santa Cruz	4.38	2.00	7	10	6.11
Pedro Plains	2.01	0.75	14	5	4.94
Black River	5.09	1.30	9	8	3.89
Spring Hill	6.24	1.48	8	12	...
Font Hill	...	...	...	...	...
Shrewsbury, Westd.	7.26	3.64	6	12	...
Peter's Ville	8.91	1.90	5	8	7.93
Mount Edgecombe	7.20	1 79	1	12	6.23
Bluefields	9.44	3.70	2	8	...
Sweet River	6.21	1.39	6	8	7.21
Windsor, Sav.-la.-Mar	6.91	2.71	7	14	6.51
Sav.-la-Mar P.W.D.	8.67	2.42	6	13	6.18
Retreat	7.43	3.42	12	11	7.26
Spring Valley	...	...	...	...	...
White Hall	5.80	2.73	12	7	...
Negril Point L. H.	4.22	1.78	12	7	5.96
Means	9.72	...	...	...	6.58

* And on other days.

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	June.	
	1905.	Average.
	In.	In.
North Eastern Division .	12.42	10.69
Northern .	7.21	5.38
West Central .	11.05	10.11
Southern .	9.72	6.58
Means	10.10	8.19

The Rainfall for June was therefore much above the average for the whole Island. The greatest fall 38.20 in. occurred at Ecclesdown in the North-Eastern Division while the least 1.77 in. was recorded at Long Hill in the Southern Division.

May, 1905.

Weather Report, No. 316. 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.		
Petersville ...	10.26	2.55	10	14
Bluefields ...	12.76	3.36	10	14

H. H. Cousins.

Weather Office, Government Laboratory,
Kingston.

No. 318.

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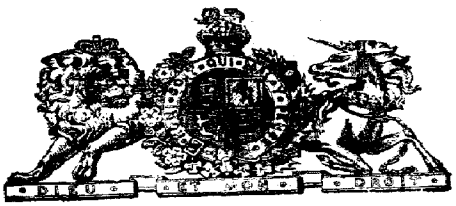


JAMAICA

WEATHER REPORT

FOR THE MONTH OF

JULY, 1905.

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	29.966	29.932	78.2	84.7	88.2	73 0	15.2	91.6	15, 19	70.1	2	21.5
Castleton Gardens .	496	..	...	70.4	86.3	89.6	70.2	19.4	93.	18	68.	*11	25.
Hope Gardens .	668	29.874	29.882	75.2	87.1	91.1	74.1	17.0	95.	18, 25	68.	16	27.
Stony Hill Reformatory .	1,400	...	...	73.7	84.7	89.4	68.7	20.7	93.	16, 17	67.	*4	26.
Hill Gardens .	4,907	25.248	25.241	63.9	69.7	73.8	59.2	14.6	76.	31	57.	24	19.

Station.	Elevation.	Dew Point and Humidity.				Rainfall.	Wind per diem.	Wind: direction (from) and miles per hour.)				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.				7 a.m.		3 p.m.		7 a.m.			3 p.m.		
	ft.	°		°		in.	miles		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Negril Point Light House	33	71.6	80	73.7	70	3.53	193	N.E.	4.2	S. S.E.	6.5	0.3	0.2	4.6	1.3	6.7	0.3
Castleton Gardens .	496	68.3	78	72.9	63	1.99	...	...	...	...	...	...	...	...	...	...	..
Hope Gardens .	668	70.9	84	79.7	77	1.25	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	71.3	92	74.6	71	1.31	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	56.7	77	60.6	73	1.82	...	...	...	...	...	...	...	...	...	...	...

* And on other days.

RAINFALL FOR JULY, 1905.

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, 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In			In.
Hordley	...	...	...		...
Manchioneal	1.36	0.50	13	3	7.25
Ecclesdown	5.63	1.34	21	8	...
Fair Prospect	6.38	1.50	23	10	8.50
Bath	5.12	1.00	22	18	10.37
Moore Town	13.58	3.65	20	11	22.81
Port Antonio	7.80	2.10	12	9	12.45
Fellowship	9.45	2.40	13	13	17.99
Johnson River Bridge	4.88	1.08	9	9	9.22
Shrewsbury	4.91	1.58	13	8	11.38
Cedar Valley, St. Thos	3.80	1.43	13	7	7.18
Farm Hill	2.64	1.44	13	5	...
Hill Gardens	1.82	0.53	20	8	3.83
Buff Bay	4.96	1.71	23	8	8.40
Bybrook	...	...	...	...	...
Mt. Holstein	1.55	0.72	24	9	3.66
Hardware Gap	1.37	..	...	...	4.29
Irish Town	0.71	0.50	13	3	...
Annotto Bay	2.52	1.90	23	5	4.58
Stony Hill Reft.	1.31	0.35	23	9	5.36
Castleton Gardens	1.99	0.67	30	7	6.28
Lawrence Tavern	3.29	1.40	30	5	5.50
Quebec	...	...	...	...	...
Water Valley	2.59	1.50	23	3	4.14
Richmond, St. Mary	0.96	0.56	23	5	4.01
Kendal, St. Mary	2.30	1.30	27	4	...
Gayle, P.W.D.	1.10	0.50	23	4	3.95
Rio Hoe	2.89	1.20	11	7	4.41
Unity Valley	1.93	1.70	23	3	5.82
Moneague	2.22	0.77	27	7	4.80
Claremont	..	...	...	...	...
Albion	1.67	0.58	11	7	4.32
Averham Park	0.43	0.35	23	4	3.43
Ballintoy	1.38	0.68	30	3	3.67
Means	3.51	...	...	...	7.22

NORTHERN DIVISION.	JULY, 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	1.95	1.00	23	7	4.37
Ocho Rios	...	...	...	...	...
Drax Hall	2.05	1.37	23	5	3.02
Liberty Hill	0.56	0.45	23	2	...
St. Ann's Bay	0.91	0.52	23	4	3.24
Richmond Estate	0.75	0.40	23	2	2.48
Llandovery	0.65	0.38	23	2	2.10
Southfield	0.33	0.33	23	1	4.11
Brown's Town	0.54	0.32	30	3	2.99
Hyde Park	3.50	1.00	3	6	3.80
Dry Harbour	0.80	0.40	16	2	1.71
Chewmagna	2.70	0.70	3	6	3.71
Home Castle	0.60	0.60	30	1	2.35
Richmond Pen	2.10	0.90	30	4	2.90
Mahogany Hall	2.61	0.92	30	6	9.59
Brampton Bryan	0.40	0.30	30	2	2.28
Bryan Castle	0.67	0.50	30	3	1.89
Braco	0.14	0.14	30	1	1 77
Arcadia	0.75	0.63	30	2	2.08
Harmony Hall	0.42	0.32	30	2	1.57
Lancaster	...	...	...	...	...
Vale Royal	1.03	0.95	30	2	2 94
Colchis Pen	1.20	0.70	27	2	3.12
Hyde	1.90	1.30	30	5	4.83
Georgia	0.45	0.40	...	2	2.28
Long Pond	1.43	1.10	30	5	3.26
Steelfield	0.73	0.63	30	3	2.97
Oxford	0.50	0.50	30	1	2.34
Cambridge	0.96	0.96	30	1	3.22
Lottery	0.38	0.38	30	1	2.38
Falmouth P.W.D.	0.00	0.00	...	...	1.72
Holland Pen	0.49	0.33	30	3	2.08
Tilston	...	...	...	...	...
Kent	0.45	0.30	29	2	1.71
Dundee	...	...	...	...	...
Phœnix	...	...	...	...	
Gales Valley	...	...	...	...	...
Canaan	...	...	...	...	...
Lima	0.30	0.30	28	1	2.41
Content	0.00	0.00	...	...	2.27
Moor Park	0.49	0.19	23	4	3.47
Success	0.00	0.00	...	...	1.63
Cinnamon Hill	0.00	0.00	...	...	1.38
Rose Hall	0.00	0.00	...		1.18
Running Gut	0.64	0.55	22	2	1.27
Spring	...	...	...	...	...
Ironshore	...	...	...	...	...
Montego Bay	0.58	0.18	13	6	3.68
Fairfield, St. James	0.40	0.15	11	3	3.96
Irwin	2.15	1.00	16	8	...
Anchovy	...	...	...	...	...
Round Hill	1.25	0.60	22	3	3.99
Sandy Bay	2.71	1.44	27	4	5.42
Lucea	2.89	1.00	27	10	5.25
Westfield	8.54	2.07	27	18	...

Central Sub-Division	July, 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Headworks, Rio Cobre	0.49	0.20	23	6	3.80
Shanton	2.09	0.75	2	7	...
Linstead	5.41	1.00	4	13	6.04
Berkshire Hall	4.36	2.40	27	7	...
Point Hill	4.46	1.55	11	9	6.35
Carew Castle	3.89	1.07	8	7	...
Worthy Park	2.85	1.35	23	5	4.44
Good Hope	...	...	...	...	...
Chapelton	0.82	0.32	23	3	4.03
Lower Chapelton	0.87	0.34	23	4	3.68
Savoy House	0.52	0.34	23	3	3.16
Mears	...	...	...	...	...
Cave Valley	3.58	0.70	30	8	4.82
Means	1.19	...	...	...	3.11
West Central Division.					
Mocho	...	...	...	...	...
Baillieston	6.36	3.70	1	6	4.54
Farm Plantation	0.93	0.63	12	4	5.17
Brokenhurst	1.85	0.75	9	7	6.53
Christiana	2.55	0.64	19	6	4.39
Kendal, Manchester	2.28	1.16	4	5	5.36
Marshalls Pen	1.65	0.55	13	6	...
Mandeville P.W.D	1.90	0.43	13	7	5.91
Carlton, Mandeville	...	...	...	...	...
Fairfield, Manchester	0.86	0.25	13	6	3.11
Ulster Spring	0.56	0.24	3	3	4.70
Low River	0.96	0.62	23	2	...
Troy	6.66	2.00	24	7	7.24
Windsor Pen, Trel.	3.18	0.92	28	7	6.72
Balaclava	...	...	...	...	...
Elim	...	...	...	...	...
Siloah	5.84	2.40	26	7	7.27
Appleton Ry. Station	...	...	...	...	...
Appleton Estate	5.51	2.45	26	10	...
Vauxhall	4.28	1.55	1	8	...
Kempshot	3.65	0.69	5	13	6.53
Kew Park	4.25	1.00	8	12	10.41
Hazelymph	5.91	1.30	27	13	9.29
King Gate	2.77	0.89	16	8	5.83
Darliston	5.37	1.20	23	15	11.59
Whithorn	5.58	0.67	3	19	10.67
Copse	...	...	...	...	...
Great Valley	5.63	3.00	11	11	10.20
Brownsville	6.67	1.50	8	16	11.36
Fontabelle	6.92	1.43	3	16	8.73
Morgan's Bridge	8.80	1.58	1	18	11.52
King's Valley	9.14	2.62	17	6	11.94
King's Vale Police St.	5.37	1.36	4	17	12.82
Means	4.44	...	...	...	7.91

Southern Division.	July, 1905. 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.	2.37	1.23	24	15	3.37
Morant Bay	4.12	0.80	13	9	6.26
Easington	4.31	1.60	13	9	6.89
Bull Bay	1.40	0.80	14	2	2.73
Gordon Town	1.44	0.73	30	5	2.92
Hope Gardens	1.25	0.42	26	7	2.82
Mona	...	...	...	...	...
Halfway Tree	0.79	0.30	26	4	2.01
Lunatic Asylum	0.52	0.28	13	5	1.64
Public Works Office	0.35	0.24	24	2	1.86
Plumb Point L. H.	0.55	0.38	13	2	2.04
Port Royal N. Hospital	...	..	...	...	...
Ballast Ground	0.00	0 00	...	...	...
Spanish Town	0.27	0.27	23	1	2.69
Hog Hole Pen	0.22	0.20	23	2	2.65
Browns Hall	3.31	1.73	12	3	4.22
Old Harbour	0.43	0.43	23	1	2.83
May Pen	0.91	0.37	26	3	5.53
Denbigh	...	...	...	...	...
Parnassus Est.	...	...	...	...	...
Amity Hall	...	...	...	...	...
New Yarmouth	0.21	0.21	26	1	2.53
Milk River	0.32	0.26	23	2	...
Victoria Town	0.40	0.25	26	2	2.90
Stone's Hope	1.54	0.63	12	4	4.68
Newport, Manchester.	0.41	0.21	9	3	4.31
Alligator Pond	0.59	0.59	26	1	3.15
Potsdam	1.10	0.60	9	3	2.82
Long Hill	0.26	0.18	23	2	3.47
Pepper	0.00	0.00	...	...	3.15
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	0.85	0.75	12	2	3.20
Santa Cruz	...	...	...	...	...
Pedro Plains	...	...	...	...	...
Black River	1.76	0.92	26	6	4.74
Spring Hill	5.19	1.77	26	9	...
Font Hill	1.30	0.50	26	4	5.30
Shrewsbury, Westd.	6.13	1.45	21	11	...
Peter's Ville	6.15	1 64	8	10	5.32
Mount Edgecombe	4.68	1.75	2	12	6.56
Bluefields	...	...	...	...	...
Sweet River	3.38	0.90	4	6	7.23
Windsor, Sav.-la.-Mar	2.10	0.51	30	12	6.81
Sav.-la-Mar P.W.D.	1.83	0.35	30	9	5.57
Retreat	5.99	1.75	8	11	7.41
Spring Valley	...	...	...	...	...
White Hall	3.66	0.80	10	8	...
Negril Point L. H.	3.53	1.15	27	12	5.76
Means	1.77	...	...	...	4.09

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	July.	
	1905.	Average.
	In.	In.
North Eastern Division	3.51	7.22
Northern	1.19	3.11
West Central	4.44	7.91
Southern	1 77	4.09
Means	2.73	5.58

The Rainfall for July was therefore a little below twice the average for the whole Island. The greatest fall 13.58 in. occurred at Moore Town in the North-Eastern Division while no rain fell at Falmouth and other stations in the Northern Division also at Ballast Ground and Pepper in the Southern Division.

June, 1905.

Weather Report, No. 317. 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.		
Unity Valley ...	11.32	1.88	13	12
Anchovy ...	9.43	1.88	11	16
Bethlehem ...	4.00	1.75	9	10
Font Hill ...	7.60	2 15	8	10
Farm Hill ...	11.74	3.17	12	14

H. H. Cousins.

Weather Office, Government Laboratory,
Kingston.

No. 319.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

AUGUST, 1905.

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	29.940	29.905	78.0	85.1	87.8	73 9	13.9	91.0	21	71.3	29	19.7
Castleton Gardens .	496	..	...	71.0	83.8	89.3	71.0	18.3	92	19, 30	69	*9	23.
Hope Gardens .	668	29.927	29.868	75.4	83.7	88.6	73.5	15.5	96	1	68	1, 5	28.
Stony Hill Reformatory .	1,400	...	...	73.3	82.0	88.9	68.4	20.1	93	1	66	*9	27.
Hill Gardens .	4,907	25.224	25.218	63.8	69	72.1	59.8	12.3	78	1	58	*23	20.

Station.	Elevation.	Dew Point and Humidity.				Rainfall.	Wind per diem.	Wind: direction (from) and miles per hour.)				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.				7 a.m.		3 p.m.		7 a.m.			3 p.m.		
	ft.	°		°		in.	miles		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...
Negril Point Light House	33	73.0	84	74.5	71	5.45	195	N.E. by E.	5.0	S.E.	10.4	0.6	1.0	4.4	1.0	6.7	0.9
Castleton Gardens .	496	71	100	75.7	76	4.01	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	668	67.3	76	72.4	69	7.11	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	70.6	91	72.9	74	11.03	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	57	80	52.9	54	8.51	...	...	...	...	...	...	...	...	...	...	...

* And on other days.

RAINFALL FOR AUGUST, 1905.

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.	Aug. 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In			In.
Hordley	...	...	...	...	...
Manchioneal	12.28	4.70	22	6	10.53
Ecclesdown	11.30	3.50	10	10	...
Fair Prospect	11.17	3.90	22	16	6.54
Bath	10.95	5.90	22	12	9.93
Moore Town	..	...	...	...	...
Port Antonio	17.07	6.65	24	9	10.95
Fellowship	25.52	8.15	22	15	14.35
Johnson River Bridge	...	...	...	...	...
Shrewsbury	...	...	...	...	...
Cedar Valley, St. Thos	12.40	9.19	22	8	9.61
Farm Hill	...	...	...	...	...
Hill Gardens	8.51	4.90	22	8	8.16
Buff Bay	12.70	6.80	22	8	5.88
Bybrook	6.81	4.03	23	7	...
Mt. Holstein	6.01	1.65	23	9	8.15
Hardware Gap	6.70	...	...	...	7.17
Irish Town	5.86	2.74	22	8	...
Annotto Bay	3.87	1.76	9	5	4.11
Stony Hill Reft.	11.03	4.40	8	17	9.72
Castleton Gardens	4.01	1.45	22	9	10.10
Lawrence Tavern	7.64	1.70	22	10	8.59
Quebec	...	...	...	...	...
Water Valley	3.19	1.62	9	5	6.34
Richmond, St. Mary	1.73	0.96	22	9	4.83
Kendal, St. Mary	..	...	...	...	...
Gayle, P.W.D.	1.95	0.61	6	7	3.51
Rio Hoe	5.37	2.73	3	12	6.35
Unity Valley	4.36	0.93	11	10	6.55
Moneague	4.40	1.05	3	18	6.03
Claremont	4.59	1.60	11	4	5.85
Albion	3.17	0.85	4	10	6.12
Averham Park	3.04	0.87	11	9	4.77
Ballintoy	4.20	1.81	22	9	6.36
Means	7.74	...	...	...	7.52

NORTHERN DIVISION.	Aug. 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average
	In.	In.			In.
Port Maria	4.86	2.00	10	9	4.55
Ocho Rios	...	...	...	...	...
Drax Hall	2.26	0.52	22	6	3.72
Liberty Hill	2.85	0.50	23	7	...
St. Ann's Bay	1.56	0.40	22	8	2.75
Richmond Estate	1.82	0.82	6	3	3.53
Llandovery	1 57	0.72	5	3	2.97
Southfield	2.99	0.98	3	6	3.37
Brown's Town	2.97	0.82	8	12	4.09
Hyde Park	3.60	1.20	22	5	4.10
Dry Harbour	1.90	1.40	22	2	2.78
Chewmagna	5.55	1.50	16	12	4.86
Home Castle	3.43	1.10	8	8	3.56
Richmond Pen	4.40	1.10	15	8	4.98
Mahogany Hall	4.59	1.31	22	...	6.02
Brampton Bryan	3.20	0.75	8	7	3.36
Bryan Castle	2.15	0.70	4	6	2.96
Braco	1.10	0.40	4	4	2 98
Arcadia	2.28	1.08	4	7	3 48
Harmony Hall	1.59	0.52	22	4	2.65
Lancaster	1.48	0.56	22	4	3.28
Vale Royal	3.39	1.95	4	7	4 59
Colchis Pen	4.25	1.15	15	5	5.18
Hyde	3.76	1.10	22	10	5.62
Georgia	1.44	0.75	4	4	3.69
Long Pond	2.18	0.82	4	9	3.24
Steelfield	2.39	0.75	4	7	3.65
Oxford	1.40	0.60	22	4	2.90
Cambridge	1.21	0.60	22	5	3.39
Lottery	0.83	0.48	22	3	3.46
Falmouth P.W.D.	1.11	0.45	22	5	2.82
Holland Pen	1.88	0.55	20	5	2.77
Tilston	...	...	...	...	...
Kent	1.34	0.40	22	6	3.06
Dundee	..	...	...	...	...
Phœnix	...	...	...	...	...
Gales Valley	...	...	...	...	...
Canaan	...	...	...	...	...
Lima	1.04	0.33	22	5	3.25
Content	1.42	0.60	22	7	4.33
Moor Park	2.14	1.06	27	11	...
Success	0.80	0.40	22	4	2.02
Cinnamon Hill	0.74	0.38	22	5	2.18
Rose Hall	0.50	0.35	22	3	1.91
Running Gut	0.74	0.40	22	5	2.66
Spring	...	...	...	...	...
Ironshore	...	...	...	...	...
Montego Bay	1.52	0.85	12	9	5.26
Fairfield, St. James	1.99	0.65	12	5	5.89
Irwin	2.30	0.60	9	11	...
Anchovy	...	...	...	...	...
Round Hill	2.55	0.80	4	7	5.04
Sandy Bay	6.69	3.00	25	10	6.46
Lucea	4.48	0.87	15	13	6.78
Westfield	11.99	1.87	22	22	...

Central Sub-Division	Aug., 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Headworks, Rio Cobre	4.34	1.50	22	10	5.92
Shanton	9.10	2.50	9	18	...
Linstead	6.92	1.40	22	18	8.24
Berkshire Hall	5.44	1.05	22	11	...
Point Hill	33.93	4.10	22	11	13.77
Carew Castle	8.60	2.04	22	13	...
Worthy Park	5.20	1.88	22	12	5.16
Good Hope	...	...	...	...	...
Chapelton	6.13	2.95	22	9	7.06
Lower Chapelton	7.12	3.53	22	13	5.73
Savoy House	6.69	3.60	22	10	5.92
Mears	11.25	3.85	22	13	...
Cave Valley	4.10	1.55	22	11	7.13
Means	3.51	...	...	...	4.38
West Central Division.					
Mocho	...	...	...	...	...
Baillieston	8.56	2.95	23	16	6.46
Farm Plantation	7.20	3.60	22	8	7.42
Brokenhurst	...	...	...	...	...
Christiana	6.62	1.88	22	14	5.58
Kendal, Manchester	8.87	2.00	22	15	7.44
Marshalls Pen	6.15	1.95	8	9	...
Mandeville, P.W.D	5.60	1.68	22	4	8.10
Carlton, Mandeville	5.41	1.66	22	11	4.68
Fairfield, Manchester	3.51	1.09	22	10	5.58
Ulster Spring	3.92	0.95	22	9	7.26
Low River	7.62	3.12	8	7	...
Troy	7.43	1.32	13	11	8.99
Windsor Pen, Trel.	6.79	1.80	22	13	8.49
Balaclava	6.47	2.20	6	12	6.89
Elim	...	...	...	...	...
Siloah	13.33	4.25	6	13	10.58
Appleton Ry. Station	...	...	...	...	...
Appleton Estate	13.79	3.34	6	17	...
Vauxhall	11.07	2.03	6	13	...
Kempshot	4.01	0.79	9	16	8.61
Kew Park	8.60	2.50	11	20	11.83
Hazelymph	8.98	2.35	20	18	11.11
King Gate	2.24	0.84	26	5	5.32
Darliston	10.27	2.25	5	20	14.72
Whithorn	10.74	3.73	5	21	11.39
Copse	...	...	...	...	...
Great Valley	7.72	1.82	9	10	11.97
Brownsville	9.29	1.35	4	19	12.25
Fontabelle	7.36	2.46	11	18	11.98
Morgan's Bridge	9.01	2.10	5	22	11.71
King's Valley	11.16	3.10	4	8	12.47
King's Vale Police St.	9.03	2.34	4	19	11.23
Means	7.59	...	...	...	9.25

Southern Division.	Aug., 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Morant Point L. H.	4.68	3.54	23	16	5.34
Morant Bay	7.66	4.00	22	14	5.97
Easington	11.49	8.10	22	12	5.93
Bull Bay	4.22	3.93	22	2	3.01
Gordon Town	8.52	3.34	22	13	4.46
Hope Gardens	7.11	2.53	22	15	5.62
Mona	6.04	2.50	23	10	...
Halfway Tree	6.65	1.85	22	11	3.26
Lunatic Asylum	3.53	2.37	...	7	2.28
Public Works Office	4.56	3.12	23	8	3.93
Plumb Point L. H.	4.16	2.75	22	7	3.60
Port Royal N. Hospital	...	..	...	...	...
Ballast Ground	6.33	2 00	23	6	..
Spanish Town	2.62	1.85	21	4	4.23
Hog Hole Pen	2.67	1.69	22	7	4.82
Browns Hall	9.41	4.32	22	9	9.07
Old Harbour	6.70	4.40	22	4	4.86
May Pen	11.54	7.66	22	9	5.00
Denbigh	...	...	...	...	...
Parnessus Est.	...	...	...	...	...
Amity Hall	...	...	...	...	...
New Yarmouth	8.27	6.00	22	2	3.84
Milk River	11.98	8.81	22	7	...
Victoria Town	7.32	4.35	22	3	3.75
Stone's Hope	3.89	2.15	22	6	6.18
Newport, Manchester.	4.36	1.70	22	5	5.11
Alligator Pond	3.02	0.99	7	5	3.28
Potsdam	5.18	1.58	24	8	4.52
Long Hill	4.53	1.52	24	6	6.46
Pepper	2.70	1.00	6	4	6.17
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	4.29	1.48	22	8	5.18
Santa Cruz	...	...	...	...	...
Pedro Plains	...	...	...	...	...
Black River	3.68	0.84	14	10	5.92
Spring Hill	5.24	1.87	11	16	...
Font Hill	5.45	1.45	8	8	5.78
Shrewsbury, Westd.	12.01	3.70	5	20	...
Peter's Ville	9.35	3 69	2	12	10.63
Mount Edgecombe	7.78	2.49	2	15	8.33
Bluefields	17.27	2.12	5	14	...
Sweet River	5.40	1.95	5	9	8.74
Windsor, Sav.-la.-Mar	5.45	1.27	5	15	7.11
Sav.-la-Mar, P.W.D.	4.17	1.15	5	15	7.31
Retreat	6.87	1.07	6	15	8.43
Spring Valley	...	...	...	...	...
White Hall	8.36	2.08	5	10	...
Negril Point L. H.	5.45	1.29	6	10	6.50
Means	5.84	...	...	...	5.29

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	August.	
	1905.	Average.
	In.	In.
North Eastern Division .	7.74	7.52
Northern .	3.51	4.38
West Central .	7.59	9.25
Southern .	5.84	5.29
Means	6.17	6.61

The Rainfall for August was therefore below the average for the whole Island. The greatest fall 33.93 in. occurred at Point Hill in the Central Sub-Division, while 0.50 in. was recorded at Rose Hall in the Northern Division.

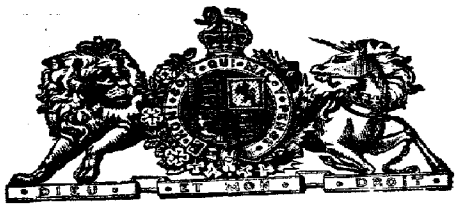
July, 1905.

Weather Report, No. 318. 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.		
Bluefields ...	4.74	3	2	6

H. H. Cousins.

Weather Office, Government Laboratory,
Kingston.

No. 320.



JAMAICA

WEATHER REPORT

FOR THE MONTH OF

SEPTEMBER, 1905.

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	29.894	29.857	78.7	83.6	87.2	73 5	13.7	89.1	5	70.7	20	18.4
Castleton Gardens .	496	..	...	70.9	81.0	88.1	70.9	17.2	91	3	68	*19	23.
Hope Gardens .	668	29.877	29.826	74.5	70.4	87.6	73.5	14.1	91	10, 16	69	*3	22.
Stony Hill Reformatory .	1,400	...	...	73.4	79.1	88.1	68.6	19.5	91	12, 14	66	20	25.
Hill Gardens .	4,907	25.190	25.162	63.0	67.8	71.2	58.6	12.6	75	2, 8	57	26	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	74.1	85	74.5	74	4.22	174	E. N.E.	4.4	Var.	8.0	0.0	1.8	4.9	1.0	8.0	0.1
Castleton Gardens .	496	69.1	96	74.9	79	14.82	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	668	67.4	78	71.9	71	8.76	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	70.5	90	72.2	79	4.55	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* And on other days.

RAINFALL FOR SEPTEMBER, 1905.

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.	SEP. 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Hordley	...	...	...	...	...
Manchioneal	18.50	3.48	19	14	11.09
Ecclesdown	14.72	1.94	21	18	...
Fair Prospect	17.36	4.80	20	20	10.75
Bath	19.53	6.50	30	23	12.34
Moore Town	6.00	...	...	...	14.69
Port Antonio	21.70	6.60	17	13	10.89
Fellowship	13.17	1.65	5	18	13.50
Johnson River Bridge	22.54	11.95	30	16	10.02
Shrewsbury	10.57	1.92	18	17	13.50
Cedar Valley, St. Thos	15.90	8.42	30	13	12.15
Farm Hill	...	...	...	...	...
Hill Gardens	9.57	5.15	30	16	9.38
Buff Bay	3.85	1.15	18	10	5.66
Bybrook	6.41	1.65	17	14	...
Mt. Holstein	7.82	2.04	22	20	6.98
Hardware Gap	13.23	...	...	...	9.39
Irish Town	11.83	5.56	30	9	...
Annotto Bay	3.53	0.79	30	10	4.07
Stony Hill Reft.	13.16	4.55	30	19	9.80
Castleton Gardens	14.82	4.50	21	23	10.59
Lawrence Tavern	10.54	2.40	30	16	8.86
Quebec	...	...	...	...	...
Water Valley	6.89	2.10	30	9	4.78
Richmond, St. Mary	5.79	1.17	9	17	5.26
Kendal, St. Mary	...	...	...	...	...
Gayle, P.W.D.	5.02	1.94	21	11	4.99
Rio Hoe	3.42	0.86	18	13	5.93
Unity Valley	...	...	...	...	...
Moneague	5.04	1.70	22	18	6.73
Claremont	2.38	0.84	28	4	5.17
Albion	3.85	0.62	23	17	6.72
Averham Park	2.51	0.48	9	10	4.40
Ballintoy	6.06	1.90	19	13	6.72
Means	10.10	...	...	...	8.68

NORTHERN DIVISION.	SEP. 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	3.00	1.20	29	12	3.52
Ocho Rios	1.91	0.80	19	6	3.01
Drax Hall	4.31	1.50	19	7	3.79
Liberty Hill	3.02	0.84	20	9	...
St. Ann's Bay	2.08	0.88	19	10	2.78
Richmond Estate	2.76	1.33	19	8	4.49
Llandovery	4.10	1.48	19	7	3.40
Southfield	2.26	0.67	19	10	3.83
Brown's Town	3.44	1.26	22	11	4.63
Hyde Park	7.85	2.70	25	11	6.12
Dry Harbour	2.15	0.60	15	6	2.11
Chewmagna	8.97	1.74	20	14	6.73
Home Castle	2.20	0.55	28	9	4.13
Richmond Pen	4.85	0.95	20	12	5.70
Mahogany Hall	13.80	3.25	22	15	6.48
Brampton Bryan	3.51	1.89	28	12	3.80
Bryan Castle	3.49	1.57	28	8	3.32
Braco	2.42	0.79	19	4	3.30
Arcadia	2.85	0.80	28	9	4.03
Harmony Hall	...	...	...	...	...
Lancaster	...	...	...	...	...
Vale Royal	3.09	0.52	10	14	4.55
Colchis Pen	8.25	2.40	28	11	4.94
Hyde	8.55	2.30	8	14	6.14
Georgia	1.84	0.36	28	15	3.78
Long Pond	3.44	1.40	8	13	4.87
Steelfield	4.29	1.20	8	15	4.16
Oxford	2.10	0.60	8	10	3.66
Cambridge	4.52	2.10	8	12	4.47
Lottery	2.72	0.94	8	11	4.86
Falmouth P.W.D.	4.05	2.06	30	13	3.37
Holland Pen	2.70	1.30	30	10	3.60
Tilston	...	...	...	...	...
Kent	5.18	1.20	21	11	4.41
Dundee	...	...	...	...	...
Phœnix	...	...	...	...	...
Gales Valley	...	...	...	...	...
Canaan	...	...	...	...	...
Lima	...	...	...	...	...
Content	4.74	0.90	21	12	4.77
Moor Park	6.63	1.71	8	18	...
Success	...	...	...	...	...
Cinnamon Hill	...	...	...	...	...
Rose Hall	...	...	...	...	...
Running Gut	...	...	...	...	...
Spring	...	...	...	...	...
Ironshore	...	...	...	...	...
Montego Bay	4.78	0.87	9	16	6.85
Fairfield, St. James	...	...	...	...	...
Irwin	7.55	1.60	8	17	...
Anchovy	9.65	1.65	11	14	...
Round Hill	...	...	...	...	...
Sandy Bay	10.84	2.00	2	15	7.01
Lucea	13.87	4.38	27	21	7.40
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Central Sub-Division	Sept., 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Headworks, Rio Cobre	7.69	2.05	30	15	6.17
Shanton	13.32	3.70	14	22	...
Linstead	8.36	1.30	18	19	7.89
Berkshire Hall	7.48	1.90	30	15	...
Point Hill	12.12	3.70	30	13	10.01
Carew Castle	11.59	2.03	30	22	..
Worthy Park	5.39	1.18	30	11	7.22
Good Hope	...	...	...	...	...
Chapelton	7.30	1.90	25	11	7.53
Lower Chapelton	9.21	2.44	25	17	8.35
Savoy House	9.42	2.90	25	17	7.54
Mears	13.49	4.00	19	14	...
Cave Valley	6.72	1.15	23	14	7.36
Means	5.47	...	...	...	5.14
West Central Division.					
Mocho	...	...	...	...	...
Baillieston	...	...	...	...	...
Farm Plantation	3.65	1.50	30	10	4.28
Brokenhurst	...	...	...	...	...
Christiana	6.11	1.38	18	16	9.70
Kendal, Manchester	7.30	1.43	29	17	8.71
Marshalls Pen	6.63	2.25	29	16	...
Mandeville, P.W.D	5.81	1.51	29	19	9.79
Carlton, Mandeville	...	...	...	...	...
Fairfield, Manchester	4.48	1.45	29	13	7.47
Ulster Spring	11.22	2.40	28	15	7.92
Low River	14.11	2.60	5	20	...
Troy	17 74	3.40	20	18	13.73
Windsor Pen, Trel.	9.39	1.55	2	18	9.06
Balaclava	...	...	...	...	...
Elim	...	...	...	...	...
Siloah	8.86	1.50	30	16	11.74
Appleton Ry. Station	...	...	...	...	...
Appleton Estate	8.60	1.28	30	19	...
Vauxhall	...	...	...	...	...
Kempshot	8.14	1.00	11	23	9.58
Kew Park	12.23	2.00	2	24	2.24
Hazelymph	12.68	2.60	11	18	10.13
King Gate	7.37	1.30	9, 11	15	6.68
Darliston	12.85	1.38	28	27	12.84
Whithorn	9.17	1.32	20	19	11.01
Copse	...	...	...	...	...
Great Valley	9.00	1.80	11	16	12.29
Brownsville	14.57	2.20	8	24	12.81
Fontabelle	...	...	...	...	...
Morgan's Bridge	11.18	2.36	17	21	10.72
King's Valley	11.93	2.30	19	9	12.02
King's Vale Police St.	10.97	1.65	15	19	11.01
Means	7.73	...	...	...	9.69

Southern Division.	Sept., 1905. 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.	8.81	3.82	20	23	7.37
Morant Bay	11.76	3.00	21	17	7.63
Easington	17.28	10.00	30	15	8.46
Bull Bay	11.35	8.58	30	8	4.85
Gordon Town	12.04	5.40	30	13	7.91
Hope Gardens	8.76	6.33	30	14	6.79
Mona	10.59	6.50	30	10	...
Halfway Tree	6.45	4.67	30	8	4.83
Lunatic Asylum	1.74	1.00	18	3	3.90
Public Works Office	1.64	0.58	25	10	4.12
Plumb Point L. H.	9.91	8.44	30	11	3.86
Port Royal N. Hospital	...	..	...	...	...
Ballast Ground	5.18	4 22	30	3	...
Spanish Town	5.80	2.31	30	8	5.14
Hog Hole Pen	7.40	2.75	30	10	6.14
Browns Hall	5.02	1.30	30	9	8.65
Old Harbour	7.47	5.50	30	6	5.97
May Pen	10.02	5.14	30	8	7.44
Denbigh	9.10	5.50	30	6	5.63
Parnassus Est.	...	...	...	...	...
Amity Hall	...	...	...	...	...
New Yarmouth	6.39	4.96	30	5	6.22
Milk River	7.41	4.80	30	12	...
Victoria Town	8.13	4.47	30	8	6.77
Stone's Hope	7.24	3.58	30	11	8.17
Newport, Manchester.	7.86	1.7	30	14	7.42
Alligator Pond	7.78	7.10	30	3	5.13
Potsdam	4.48	1.85	30	8	5.48
Long Hill	10.51	3.56	30	13	8.51
Pepper	6.80	2.00	23	8	8.44
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	5.51	1.34	1	15	6.16
Santa Cruz	...	...	...	...	...
Pedro Plains	2.56	1.50	30	7	4.78
Black River	7.36	2.10	30	17	5.55
Spring Hill	6.96	1.85	17	21	...
Font Hill	14.20	4.25	*30	12	6.73
Shrewsbury, Westd.	...	...	...	...	...
Peter's Ville	14.58	3 08	30	19	9.34
Mount Edgecombe	7.47	1.81	30	22	7.77
Bluefields	19.66	2.12	5	14	...
Sweet River	7.59	1.94	24	14	7.56
Windsor, Sav.-la.-Mar	5.24	1.23	24	16	7.13
Sav.-la-Mar, P.W.D.	3.98	1.04	24	11	6.79
Retreat	5.24	1.50	5	12	7.77
Spring Valley	...	...	...	...	...
White Hall	4.88	1.65	8	17	...
Negril Point L. H.	4.22	2.33	8	11	6.22
Means	7.76	...	...	...	6.59

* Gauge overflowed.

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	September.	
	1905.	Average.
	In.	In.
North Eastern Division .	10.10	8.63
Northern .	5.47	5.14
West Central .	9.73	9.69
Southern .	7.76	6.59
Means .	8.27	7.51

The Rainfall for September was therefore above the average for the whole Island. The greatest fall 22.54 in. occurred at Johnson River bridge in the North-Eastern Division while 1.64 in. was recorded at the Public Works Office, Kingston in the Southern Division.

August, 1905.

Weather Report, No. 319. 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.		
Anchovy ...	3.62	0.73	22	9

H. H. Cousins.

Weather Office, Government Laboratory,
Kingston.

No. 321.

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WEATHER REPORT

FOR THE MONTH OF

OCTOBER, 1905.

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	29.864	29.811	78.4	83.3	86.9	73 3	13.6	89.9	24	70.9	18	19.0
Castleton Gardens .	496	..	...	70.0	81.1	85.5	63.9	15.6	89	*7	66	30	23.
Hope Gardens .	668	29.798	29.795	73.8	80.4	84.8	73.0	11.8	90	25, 26	66	29	24.
Stony Hill Reformatory .	1,400	...	...	72.3	79.1	86.8	67.9	18.9	92	9, 26	65	*2	27.
Hill Gardens .	4,907	25.156	25.146	62.8	65.	69.2	58.4	10.8	73	25	56	18, 10	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	74.5	87	74.6	75	11.14	206	N.E.	5.5	N. NW.	8.5	0.7	1.5	3.0	1.3	5.6	0.6
Castleton Gardens .	496	68.2	93	75.5	82	11.44	...	...	..	...	...	...	...	...	...	...	...
Hope Gardens .	668	68.4	84	73.3	79	13.08	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	69.7	91	72.3	70	13.70	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	59.1	89	63.7	93	14.47	...	...	...	...	...	...	...	...	...	...	...

* And on other days.

RAINFALL FOR OCTOBER, 1905.

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. 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Hordley	...	...	...		...
Manchioneal	16.19	4.00	1	7	19.75
Ecclesdown	19.86	3.50	3	13	...
Fair Prospect	16.95	4.50	2	17	16.80
Bath	21.41	7.20	1	15	20.83
Moore Town	...	...	...	...	...
Port Antonio	15.15	4.60	4	11	14.37
Fellowship	16.77	4.14	4	14	18.04
Johnson River Bridge	24.76	11.80	1	10	16.32
Shrewsbury	...	...	...	...	...
Cedar Valley, St. Thos	21.87	6.70	1	15	23.27
Farm Hill	...	...	...	...	...
Hill Gardens	14.47	7.05	1	15	18.87
Buff Bay	13.30	3.15	4	11	12.16
Bybrook	8.96	3.23	5	14	...
Mt. Holstein	7.85	2.95	1	17	12.15
Hardware Gap	18.02	...	...	...	18.34
Irish Town	12.95	6.00	1	13	
Annotto Bay	6.26	1.97	1	10	8.78
Stony Hill Reft.	13.70	4.50	1	16	14.70
Castleton Gardens	11.44	5.10	1	12	15.76
Lawrence Tavern	20.86	9.40	1	18	13.75
Quebec	...	...	...	...	...
Water Valley	6.22	1.60	1	11	9.99
Richmond, St. Mary	4.37	2.64	1	16	10.60
Kendal, St. Mary	...	...	...	...	...
Gayle, P.W.D.	7.66	2.35	7	12	9.59
Rio Hoe	6.82	2.35	7	12	9.74
Unity Valley	5.40	2.56	1	8	9.27
Moneague	5.18	1.85	1	16	10.39
Claremont	5.26	1·90	1	5	9.13
Albion	6.53	2.47	1	16	9.10
Avernam Park	6.17	1.73	1	14	9.66
Ballintoy	6.92	2.75	1	8	9.91
Means	11.98	...	...	...	13.65

NORTHERN DIVISION.	Oct. 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell	Average
	In.	In.			In.
Port Maria	9.53	2.75	16	14	8 82
Ocho Rios	4.00	1.00	1	9	6.22
Drax Hall	11.09	2.60	15	14	7.67
Liberty Hill	6.07	2.29	1	10	...
St. Ann's Bay	6.66	1.90	1	15	7.58
Richmond Estate	5.20	2.33	1	11	7.79
Llandovery	7.59	2.67	1	8	7.60
Southfield	7.27	3.74	1	9	6.73
Brown's Town	6.82	3.24	1	10	9.38
Hyde Park	7.10	3.65	1	6	10.00
Dry Harbour	5.48	2.55	1	7	5.12
Chewmagna	8.10	3.00	1	13	9.60
Home Castle	4.70	2.40	1	7	6.98
Richmond Pen	4.10	1.90	1	10	7.93
Mahogany Hall	8.98	2.79	1	10	8.25
Brampton Bryan	6.25	2.94	1	11	5.19
Bryan Castle	5.26	2.20	1	11	5.64
Braco	5.46	2.25	1	10	5 33
Arcadia	5.57	2.25	1	9	6 10
Harmony Hall	...	...	...	...	...
Lancaster	...	...	...	...	...
Vale Royal	6.51	2.29	2	13	6.44
Colchis Pen	10.30	3.10	7	8	8.30
Hyde	8.72	2.32	1	8	7.37
Georgia	5 36	2.10	1	12	...
Long Pond	5.63	1.70	1	19	6.81
Steelfield	6.24	2.20	1	12	6.03
Oxford	6.35	2.60	1	9	6.98
Cambridge	5.31	3.00	1	10	6.43
Lottery	4.66	2.60	1	9	6.32
Falmouth P.W.D.	5.97	2.55	1	12	5.75
Holland Pen	4.84	4.10	1	9	5.99
Tilston	...	...	...	...	...
Kent	4.80	1.00	3	9	6.63
Dundee	...	...	...	...	...
Phœnix	...	...	...	...	..
Gales Valley	...	...	...	...	...
Canaan	5.10	2.50	1	8	...
Lima	6.40	2.90	1	6	7.43
Content	7.78	3.10	*1	8	6.34
Moor Park	7.05	3.50	2	11	...
Success	5.93	2.20	1	9	6.15
Cinnamon Hill	7.45	2.85	1	8	6.58
Rose Hall	6.32	2 35	1	7	5.84
Running Gut	5.41	2.48	1	8	5.15
Spring	...	...	...	...	...
Ironshore	...	...	...	...	...
Montego Bay	6.17	2.70	1	14	7.77
Fairfield, St. James	6.40	2.80	2	7	7.39
Irwin	7.65	2.85	1	11	...
Anchovy	...	...	...	...	...
Round Hill	5.40	3.10	1	5	6.21
Sandy Bay	7.93	3.85	1	7	10.08
Lucea	14.55	6.52	1	15	8.92
Westfield	13.18	7.66	1	12	...

* Gauge overflowed.

Central Sub-Division	Oct., 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Headworks, Rio Cobre	12.55	3.04	1	19	10.07
Shanton	14.50	4.00	1	25	...
Linstead	12.07	3.60	1	17	10.45
Berkshire Hall	4.30	2.25	1	10	...
Point Hill	18.24	6.30	1	19	16.57
Carew Castle	8.11	4.21	1	17	...
Worthy Park	6.09	2.98	1	7	10.71
Good Hope	...	...	...	...	...
Chapelton	9.98	2.95	1	16	12.21
Lower Chapelton	14.15	4.50	1	18	13.62
Savoy House	14.36	4.61	1	18	10.13
Mears	15.47	6.48	1	14	...
Cave Valley	7.70	3.70	1	10	9.70
Means	7.67	...	...	...	7.84
West Central Division.					
Mocho	11.28	6.30	1	12	15.44
Baillieston	12.65	6.55	1	11	11.40
Farm Plantation	14.51	7.00	1	14	15.08
Brokenhurst	...	...	...	...	...
Christiana	14.77	6.15	1	13	13.02
Kendal, Manchester	19.41	7.00	1	16	12.19
Marshalls Pen	15.16	6.32	1	18	...
Mandeville, P.W.D	16.27	7.04	1	23	16.64
Carlton, Mandeville	...	...	...	...	...
Fairfield, Manchester	16.46	8.97	1	16	10.21
Ulster Spring	8.74	1.76	1	11	10.50
Low River	10.05	6.97	1	10	...
Troy	15 25	3.85	1	17	16.96
Windsor Pen, Trel.	8.38	3.15	1	15	9.36
Balaclava	14.52	8.00	1	16	14.21
Elim	...	...	...	...	...
Siloah	17.83	8.38	1	15	13.60
Appleton Ry. Station	...	...	...	...	...
Appleton Estate	18.09	9.25	1	25	...
Vauxhall	16.92	8.57	1	19	...
Kempshot	...	...	...	...	...
Kew Park	...	...	...	...	...
Hazelymph	10.81	3.65	1	14	10.61
King Gate	9.08	4.35	1	10	10.37
Darliston	21.66	6.58	1	21	15.57
Whithorn	19.95	9.25	1	15	12.75
Copse	...	...	...	...	...
Great Valley	13.30	5.20	*1	8	11.99
Brownsville	8.03	3.28	2	14	12.05
Fontabelle	12.38	4.70	1	12	9.64
Morgan's Bridge	13.79	7.20	1	18	13.11
King's Valley	...	...	...	...	...
King's Vale Police St.	10.02	3.70	1	12	11.11
Means	13.77	...	...	...	12.77

Southern Division.	Oct., 1905. 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.	23.88	10.16	2	18	11.46
Morant Bay	19.60	8.81	1	11	14.57
Easington	15.50	7.05	1	10	14.55
Bull Bay	...	...	...	...	...
Gordon Town	13.64	6.06	1	16	15.62
Hope Gardens	13.08	5.47	1	19	11.21
Mona	...	...	...	...	...
Halfway Tree	10.37	4.97	1	12	10.51
Lunatic Asylum	18.31	10.50	2	7	7.87
Public Works Office	16.92	11.00	†1	12	8.64
Plumb Point L. H.	10.21	4.83	1	9	7.88
Port Royal N. Hospital	...	...	...	...	...
Ballast Ground	...	...	...	...	...
Spanish Town	10.08	6.00	1	19	9.94
Hog Hole Pen	11.92	5.15	1	13	10.47
Browns Hall	12.62	5.45	1	11	11.57
Old Harbour	12.03	4.34	1	9	11.06
May Pen	15.46	5.27	12	13	12.42
Denbigh	11.40	4.00	10	7	10.14
Parnessus Est.	...	...	...	...	...
Amity Hall	...	...	...	...	...
New Yarmouth	10.63	5.57	1	4	9.43
Milk River	12.50	7.89	1	9	...
Victoria Town	17.38	10.20	1	11	11.03
Stone's Hope	...	...	...	...	...
Newport, Manchester.	11.53	3.68	1	12	13.13
Alligator Pond	14.95	7.90	1	8	9.19
Potsdam	17.65	9.60	1	14	10.35
Long Hill	21.57	10.00	1	23	13.28
Pepper	19.10	10.00	*1	16	13.49
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	19.34	9.90	1	15	12.25
Santa Cruz	11.98	6.85	1	19	12.03
Pedro Plains	11.98	7.19	1	13	7.13
Black River	14.67	6.62	1	20	8.92
Spring Hill	16.18	6.00	1	22	...
Font Hill	13.70	4.25	*1	10	10.93
Shrewsbury, Westd.	9.13	1 95	17	10	...
Peter's Ville	17.25	9.08	1	16	11.96
Mount Edgecombe	10.05	6.54	1	16	10 27
Bluefields	...	...	...	...	...
Sweet River	11.94	6.60	1	9	9.79
Windsor, Sav.-la.-Mar	...	...	...	...	...
Sav.-la-Mar, P.W.D.	8.78	6.67	1	11	8.53
Retreat	13.54	7.00	1	10	10.73
Spring Valley	...	...	...	...	...
White Hall	13.33	8.00	1	10	...
Negril Point L. H.	11.14	7.27	1	10	9.17
Means	16.13	...	...	...	10.89

* Gauge overflowed. † Gauge leaking.

NOTES.

COMPARATIVE TABLE OF RAINFALL.

(Based upon the "Average" Stations only.)

	October.	
	1905.	Average.
	In.	In.
North Eastern Division .	11.98	13.65
Northern .	7.57	7.84
West Central .	13.77	12.77
Southern .	16.13	10.89
Means .	12.36	11.29

The Rainfall for October was therefore above the average for the whole Island. The greatest fall 24.76 in. was recorded at Johnson River bridge in the North-Eastern Division while the least 4.00 in. was recorded Ocho Rios in the Northern Division.

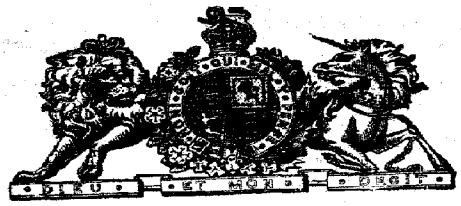
SEPTEMBER, 1905.

Weather Report, No. 320. Returns sent up too late for publication in that Report.	Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 00.1 or more fell.
	In.	In.		
Unity Valley ...	8.58	1.66	10	13
Canaan ...	6.30	1.20	9	11
Fontabelle ...	5.70	1.09	11	17
Denbigh ...	11.50	7.50	22	4
Shrewsbury ...	18.36	10.60	31	17
Mount Edgecombe ...	7.47	1.81	30	22

H. H. COUSINS.

Weather Office, Government Laboratory,
Kingston.

No. 322.



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WEATHER REPORT

FOR THE MONTH OF

NOVEMBER, 1905.

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	29.915	29.869	76.8	82.7	86.6	71 6	15.0	88.9	20	68.9	28, 29	20.0
Castleton Gardens .	496	..	...	67.8	80.4	86.5	67.7	18.8	96	1	63	30	33.
Hope Gardens .	668	29.891	29.833	71.9	81.1	87.0	71.5	15.5	90	11	67	23, 30	23.
Stony Hill Reformatory .	1,400	...	...	71.9	78.2	85.6	66.5	19.1	90	1	64	29	26.
Hill Gardens .	4,907	25.198	25.160	60.7	62.4	68.9	57.0	11.9	71	*1	54	28, 30	17.

Station.	Elevation.	Dew Point and Humidity.				Rainfall.	Wind per diem.	Wind: direction (from) and miles per hour.)				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.				7 a.m.		3 p.m.		7 a.m.			3 p.m.		
	ft.	°		°		in.	miles		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Negril Point Light House	33	72.7	87	73.2	74	5.75	182	N.E.	4.0	E. N E.	8.0	0.6	0.9	0.7	0.6	5.6	0.2
Castleton Gardens .	496	66.	96	73.9	79	11.16	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	668	66.4	84	71.3	71	6.66	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	69.1	90	71.3	79	6.73	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	56.	86	60.4	87	12.99	...	...	...	...	...	...	...	...	...	...	...

* And on other days.

RAINFALL FOR NOVEMBER, 1905.

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. 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Hordley	...	...	...		...
Manchioneal	27.13	3.54	25	14	15.32
Ecclesdown	...	...	...	...	...
Fair Prospect	14.05	2.50	27	16	15.12
Bath	17.52	4.55	16	6	13.40
Moore Town	15.18	4.60	30	16	38.54
Port Antonio	14.00	3.40	16	15	16.09
Fellowship	16.49	3.75	23	15	28.19
Johnson River Bridge	9.78	3.15	28	11	6.60
Shrewsbury	15.90	3.78	23	17	...
Cedar Valley, St. Thos	8.82	2.25	28	13	7.94
Farm Hill	...	...	...	...	...
Hill Gardens	12.99	4.84	28	16	12.51
Buff Bay	9.90	4.15	27	10	16.36
Bybrook	...	...	...	...	...
Mt. Holstein	10.92	2.34	28	22	24.13
Hardware Gap	...	...	...	...	...
Irish Town	...	...	...	...	...
Annotto Bay	...	...	..	...	
Stony Hill Refl.	6.73	1.92	3	12	6.73
Castleton Gardens	11.16	3.50	28	13	12.83
Lawrence Tavern	...	...	...	...	...
Quebec	...	...	...	...	...
Water Valley	5.32	1.50	4	7	12.91
Richmond, St. Mary	3.81	1.95	28	12	12.02
Kendal, St. Mary	3.85	2.60	29	4	...
Gayle, P.W.D.	3.68	1.50	28	10	11.63
Rio Hoe	3.95	2.25	28	12	8.60
Unity Valley	3.93	2.68	28	4	7.62
Moneague	3.91	2.45	28	10	8.69
Claremont	3.10	1.60	28	3	9.28
Albion	8.03	2.03	28	15	9.21
Averham Park	5.45	1.53	28	16	10.96
Ballintoy	3.71	1.17	28	9	3.02
Means	9.55	...	...	...	13.38

NORTHERN DIVISION.	Nov. 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	4.36	1.30	5	13	10.59
Ocho Rios	2.60	1.05	28	8	8.87
Drax Hall	4.67	2.20	23	5	10.11
Liberty Hill	6.05	2.36	15	9	...
St. Ann's Bay	4.04	2.05	14	12	9.17
Richmond Estate	3.13	1.12	14	7	9.78
Llandovery	3.19	1.67	23	4	9.35
Southfield	3.17	0.82	14	9	12.68
Brown's Town	3.70	0.82	20	13	9.70
Hyde Park	6.81	2.80	18	8	4.36
Dry Harbour	3.88	2.40	14	7	6.45
Chewmagna	5.03	1.10	15	7	9.49
Home Castle	2.45	0.60	4	7	7.43
Richmond Pen	9.70	1.35	24	15	5.08
Mahogany Hall	3.35	1.08	14	9	6.33
Brampton Bryan	4.11	1.86	30	11	5.59
Bryan Castle	3.70	1.10	30	10	6 31
Braco	3.33	0.62	28	10	5.84
Arcadia	2.78	0.80	28	10	6.38
Harmony Hall	...	...	...	...	...
Lancaster	...	...	...	...	...
Vale Royal	3.44	0.83	28	12	7.16
Colchis Pen	2.60	1.50	14	4	4.87
Hyde	5.92	1.92	19	13	6.30
Georgia	2.48	0.56	30	10	5.77
Long Pond	3.60	0.67	19	11	6.00
Steelfield	3.06	0.53	29	10	5.99
Oxford	3.25	1.55	19	11	5.61
Cambridge	2.34	0.90	19	12	5.79
Lottery	2.07	0.58	19	7	5.26
Falmouth P.W.D.	1.95	1.03	21	9	4.92
Holland Pen	1.81	0.55	21	7	4.74
Tilston	...	...	...	...	...
Kent	1.82	0.75	15	7	4.86
Dundee	...	...	...	...	...
Phœnix	...	...	...	...	...
Gales Valley	...	...	...	...	...
Canaan	...	...	..	...	...
Lima	0.92	0.22	1	6	5.53
Content	1.00	0.25	28	6	4.56
Moor Park	2.95	0.67	14	10	...
Success	2.00	1.30	21	4	4. 3
Cinnamon Hill	2.68	1.20	21	5	4.69
Rose Hall	3.65	1 55	21	6	4.46
Running Gut	2.94	0.62	14	8	4.44
Spring	...	...	...	...	...
Ironshore	...	...	...	...	...
Montego Bay	1.70	0.31	28	11	4.34
Fairfield, St. James	3.02	1.25	29	5	4.56
Irwin	2.65	1.00	20	8	...
Anchovy	...	...	...	...	...
Round Hill	2.40	0.80	4	7	3.74
Sandy Bay	2.66	1.21	5	7	5.79
Lucea	1.28	0.44	22	8	6.01
Westfield	...	...	...	...	...

Central Sub-Division	Nov., 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Headworks, Rio Cobre	4.16	1.04	17	14	3.99
Shanton	5.19	1.27	28	18	...
Linstead	4.92	2.80	28	8	5.32
Berkshire Hall	3.54	1.95	28	8	...
Point Hill	14.42	3.10	28	11	7.11
Carew Castle	9.32	3.88	3	11	..
Worthy Park	4.40	2.17	28	8	3.50
Good Hope	...	...	...	...	...
Chapelton	6.84	1.80	2	16	3.92
Lower Chapelton	7.18	1.78	2	16	3.75
Savoy House	7.40	1.93	2	17	3.77
Mears	...	...	...	...	...
Cave Valley	3.63	1.00	24	7	4.49
Means	3.77	...	...	...	6.11
West Central Division.					
Mocho	6.91	1.60	7, 17	20	5.72
Baillieston	8.29	1.70	24	14	4.35
Farm Plantation	4.85	1.50	26	11	5.27
Brokenhurst	5.90	0.60	16	8	5.92
Christiana	21.29	3.18	17	19	6.41
Kendal, Manchester	7.07	2.00	16	10	4.50
Marshalls Pen	11.46	2.53	7, 16	16	...
Mandeville, P.W.D	8.27	1.80	1	23	6.04
Carlton, Mandeville	...	...	...		...
Fairfield, Manchester	12.24	2.18	7	18	6.19
Ulster Spring	3.84	0.88	1	7	4.82
Low River	11.16	3.65	18	11	...
Troy	7 06	1.00	3	14	4.88
Windsor Pen, Trel.	4.49	1.26	3	10	5.42
Balaclava	9.85	2.05	2	19	5.97
Elim	...	...	...	...	...
Siloah	12.19	1.80	7	17	6.07
Appleton Ry. Station	..	...	...	...	...
Appleton Estate	10.31	1.05	2	22	...
Vauxhall	14.07	1.94	26	19	...
Kempshot	5.13	1.45	27	13	6.28
Kew Park	4.79	1.15	22	13	5.08
Hazelymph	7.98	2.25	3	11	5.27
King Gate	4.05	1.75	4	11	4.03
Darliston	7.43	1.77	4	20	6.79
Whithorn	11.28	4.90	5	17	6.06
Copse	...	...	...	...	...
Great Valley	2.95	1.25	28	3	6.13
Brownsville	3.91	0.70	18	12	5.61
Fontabelle	5.23	1.87	5	14	2.94
Morgan's Bridge	6.36	1.30	5	14	5.17
King's Valley	5.12	2.30	11	4	5.40
King's Vale Police St.	3.65	0.80	19	8	6.72
Means	7.21	...	...	...	4.58

Southern Division.	Nov., 1905. 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.	9.64	1.58	27	18	6.52
Morant Bay	11.11	1.82	28	10	6.43
Easington	2.72	0.90	28	9	4.85
Bull Bay	...	...	...	...	...
Gordon Town	...	...	...		...
Hope Gardens	6.66	3.15	16	15	5.16
Mona	6.86	3.09	16	8	...
Halfway Tree	...	...	...	...	...
Lunatic Asylum	0.76	0.71	5	5	1.72
Public Works Office	...	...	...	...	...
Plumb Point L. H.	0.71	0.28	16	5	2.28
Port Royal N. Hospital	...	...	...	...	...
Ballast Ground	...	...	...	...	...
Spanish Town	2.03	0.63	16	8	3.28
Hog Hole Pen	6.85	2.65	17	10	3.69
Browns Hall	...	...	...	...	...
Old Harbour	2.00	0.85	16	4	3.83
May Pen	4.89	2.45	6, 7	10	3.54
Denbigh	4.70	2.00	6	5	4.44
Parnassus Est.	...	...	...	...	...
Amity Hall	...	...	...	...	...
New Yarmouth	1.70	1.00	16	3	1.54
Milk River	4.68	2.00	7	10	...
Victoria Town	...	...	...	...	...
Stone's Hope	3.89	1.17	17	14	4.83
Newport, Manchester.	...	...	...	...	...
Alligator Pond	...	...	...	...	...
Potsdam	6.29	1.85	21		5.71
Long Hill	19.40	5.00	6	18	5.86
Pepper	17.15	3.40	17	17	5.65
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	9.64	1.60	25	20	7.22
Santa Cruz	12.77	2.90	5	18	5.87
Pedro Plains	5.15	2.25	17	7	3.49
Black River	6.69	1.47	20	18	4.60
Spring Hill	8.10	1.25	17	22	...
Font Hill	5.28	1.40	20	10	5.59
Shrewsbury, Westd.	...	...	...	...	...
Peter's Ville	9.00	1.68	2	19	6.25
Mount Edgecombe	7.54	1.52	2	20	5.11
Bluefields	14.73	2.31	7	14	...
Sweet River	...	...	...	...	...
Windsor, Sav.-la.-Mar	3.57	0.82	5	12	3.63
Sav.-la-Mar, P.W.D.	4.04	0.85	17	12	3.07
Retreat	6.93	2.31	25	12	4.88
Spring Valley	...	...	...	...	...
White Hall	...	...	...	...	...
Negril Point L. H.	5.75	1.87	25	10	3.49
Means	6.55	...	...	...	4.54

NOTES.

Comparative Table of Rainfall.

(based upon the "Average" Stations only.)

	November.	
	1905.	Average.
	In.	In.
North Eastern Division .	9.55	13.38
Northern .	3.77	6.11
West Central .	7.21	5.48
Southern .	6.55	4.54
Means .	6.77	7.38

The Rainfall for November was therefore below the average for the whole Island. The greatest fall 21.73 in. occurred at Manchioneal in the North-Eastern Division while the least 1.28 in. was recorded at Lucea in the Northern Division.

October, 1905.

Weather Report, No. 321. 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.		
Brokenhurst ...	15.34	5.40	1	16
Kempshot ...	10 52	3.30	1	17
Kew Park ...	16.12	6.43	1	18
Kings Valley ...	15.49	7.85	1	6
Mona ...	11.01	5.40	1	9
Ballast Ground ...	13.35	7.00	1	7
Bull Bay ...	12.45	6.70	1	4
Stone's Hope ...	14.20	7.20	1	16

H. H. Cousins.

Weather Office, Government Laboratory,
Kingston.

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Weather Bureau.

No. 323.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

DECEMBER, 1905.

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	29.944	29.890	73.4	82.3	85.7	71.2	14.5	88.1	6	67.1	22	21.0
Castleton Gardens .	496	..	...	67.0	76.6	83.4	69.9	13.5	86	*15	63	*7	23.
Hope Gardens .	668	29.931	29.860	68.4	78.9	84.3	67.9	16.4	89	6	64	31	25.
Stony Hill Reformatory .	1,400	...	...	69.4	77.4	83.2	63.0	20.2	89	6	62	8	26.
Hill Gardens .	4,907	.219	.191	59.0	64.7	69.6	55.1	14.5	71	14,15	52	8	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	69.3	86	72.8	73	1.72	238	E. N.E.	9.3	E. S.E.	11.7	1.3	2.3	0.8	1.0	5.0	0.8
Castleton Gardens .	496	68.2	93	74.7	93	14.01	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens .	668	54.9	61	70.1	76	5.59	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory .	1,400	66.6	90	71.8	82	5.42	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens .	4,907	55.4	86	61.9	90	10.28	...	...	...	...	...	...	...	...	...	...	...

* And on other days.

RAINFALL FOR DECEMBER, 1905.

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.	DEC. 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Hordley	...	...	...		...
Manchioneal	13.31	2.75	1	17	8.74
Ecclesdown	28.38	5.00	25	10	...
Fair Prospect	21.48	4.50	1	28	10.26
Bath	20.20	6.10	1	27	9.68
Moore Town	24.26	...	...	...	29.21
Port Antonio	20.25	5.21	1	24	13.77
Fellowship	29.64	5.20	1	27	20.38
Johnson River Bridge	19.93	5.75	1	20	6.38
Shrewsbury	17.65	5.30	12	20	...
Cedar Valley, St. Thos	10.37	6.05	1	21	5.86
Farm Hill	...	...	...	...	...
Hill Gardens	10.28	3.88	1	21	11.14
Buff Bay	13.75	5.10	1	10	13.59
Bybrook	17.65	5.30	12	20	...
Mt. Holstein	12.02	2.80	1	25	17.73
Hardware Gap	2.19	...	...	...	7.44
Irish Town	5.53	2.62	1	6	...
Annotto Bay	...	...	...	...	...
Stony Hill Refl.	5.42	1.75	1	17	4.32
Castleton Gardens	14.01	3.45	17	13	13.13
Lawrence Tavern	8.69	2.30	10	8	5.03
Quebec	...	...	...	...	...
Water Valley	4.33	2.07	1	6	10.32
Richmond, St. Mary	10.40	2.86	12	18	11.97
Kendal, St. Mary	7.41	2.52	12	5	...
Gayle, P.W.D.	8.69	2.45	11	11	...
Rio Hoe	5.85	1.20	10	13	9.48
Unity Valley	6.75	1.27	12	15	7.91
Moneague	6.10	1.20	10	15	8.00
Claremont	4.95	2.50	10	5	9.70
Albion	7.12	2.76	10	15	8.52
Averham Park	10.96	7.19	10	14	11.19
Ballintoy	...	...	...	...	...
Means	12.27	...	...	...	11.03

NORTHERN DIVISION.	DEC. 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	6.64	1.70	1	18	8.50
Ocho Rios	5.50	2.90	10	7	6.48
Drax Hall	4.80	1.55	11	6	8.87
Liberty Hill	7.96	3.25	10	10	...
St. Ann's Bay	4.42	1.67	10	11	7.60
Richmond Estate	6.54	3.40	10	7	9.06
Llandovery	6.65	3.52	11	5	10.54
Southfield	10.59	4.03	10	10	14.45
Brown's Town	7.40	4.36	10	13	9.77
Hyde Park	4.78	1.00	25	8	3.61
Dry Harbour	5.77	2.36	10	8	6.61
Chewmagna	5.21	2.15	10	13	3.55
Home Castle	7.86	4.25	11	11	8.25
Richmond Pen	7.25	2.60	10	12	5.11
Mahogany Hall	7.63	3.44	10	10	6.56
Brampton Bryan	5.88	2.47	10	10	6.02
Bryan Castle	6.10	2.30	12	14	6 81
Braco	5.21	1.35	12	9	6.11
Arcadia	6.90	2.20	10	11	7.31
Harmony Hall	...	...	...	...	...
Lancaster	...	...	...	...	...
Vale Royal	8.28	3.39	10	10	8.34
Colchis Pen	6.85	3.25	10	8	4.88
Hyde	8.53	3.78	10	11	6.59
Georgia	6.06	1.80	10	9	7.03
Long Pond	4.22	1.05	10	10	5.89
Steelfield	5.79	1.40	12	13	6.83
Oxford	5.40	1.70	12	13	6.74
Cambridge	4.90	1.55	10	11	6.61
Lottery	4.77	1.20	12	13	5.88
Falmouth P.W.D.	4.57	2.13	12	14	5.50
Holland Pen	4.37	1.60	12	10	5.20
Tilston	...	...	...	...	...
Kent	...	...	...	...	...
Dundee	...	...	...	...	...
Phœnix	...	...	...	...	...
Gales Valley	...	...	...	...	...
Canaan	5.21	0.90	25	10	...
Lima	3.36	0.96	12	7	3.98
Content	5.92	2.50	10	13	5.61
Moor Park	7.65	2.30	10	14	...
Success	4.90	2.30	12	9	4.40
Cinnamon Hill	5.96	2.08	12	9	5.63
Rose Hall	4.75	2.15	12	10	5.48
Running Gut	5.60	2.38	12	10	5.82
Spring	...	...	...	...	...
Ironshore	...	...	...	...	...
Montego Bay	4.36	0.89	18	12	5.16
Fairfield, St. James	5.62	1.00	4	9	4.63
Irwin	9.65	2.20	10	16	...
Anchovy	4.66	2.55	10	8	...
Round Hill	6.70	2.20	17	11	3.30
Sandy Bay	4.04	1.32	14	9	3.64
Lucea	9.16	2.22	14	16	4.37
Westfield	...	...	...	...	...

Central Sub-Division	Dec., 1905. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Headworks, Rio Cobre	4.01	1.85	1	10	2.03
Shanton	5.14	1.93	1	17	...
Linstead	6.80	1.60	1	18	3.75
Berkshire Hall	4.40	1.25	12	14	...
Point Hill	18.53	3.05	1	17	5.63
Carew Castle	5.94	2.27	1	11	
Worthy Park	5.38	1.22	1	12	2.61
Good Hope	...	...	...	...	...
Chapelton	6.99	2.60	10	17	2.55
Lower Chapelton	7.68	3.79	10	15	2.82
Savoy House	5.72	1.65	10	18	3.38
Mears	...	...	...	...	...
Cave Valley	5.30	1.40	10	9	2.70
Means	6.14	...	...	...	5.88
West Central Division.					
Mocho	...	...	...	...	...
Baillieston	5.63	1.70	1	17	2.63
Farm Plantation	9.45	1.25	19	22	3.28
Brokenhurst	6.71	0.56	20	16	...
Christiana	9.21	4.15	12	16	3.94
Kendal, Manchester	5.62	3.20	10	6	2.91
Marshalls Pen	7.44	1.70	10	16	...
Mandeville, P.W.D	10.32	2.15	10	26	3.66
Carlton, Mandeville	...	...	...		...
Fairfield, Manchester	4.57	1.12	19	21	2.88
Ulster Spring	2.70	1.50	10	5	4.38
Low River	4.59	1.42	1	12	...
Troy	3.86	1.11	4	10	3.77
Windsor Pen, Trel.	6.00	3.05	10	7	5.04
Balaclava	1.33	0.52	1	6	2.61
Elim	...	...	...	...	...
Siloah	1.32	0.70	1	5	3.24
Appleton Ry. Station	...	...	...	...	...
Appleton Estate	1.48	0.66	1	7	...
Vauxhall	...	...	...	...	...
Kempshot	7.24	2.50	10	13	5.65
Kew Park	2.56	1.16	1	6	2.81
Hazelymph	4.66	0.95	29	11	2.62
King Gate	4.47	1.25	10	9	4.15
Darliston	2.82	1.27	1	9	3.43
Whithorn	3.57	1.60	1	10	3.32
Copse	...	...	...	...	...
Great Valley	...	...	...	...	...
Brownsville	9.18	3.10	18	13	4.05
Fontabelle	5.63	1.74	1	11	3.61
Morgan's Bridge	6.21	1.78	1	15	3.38
King's Valley	4.22	1.81	28	5	3.30
King's Vale Police St.	4.71	1.14	14	11	3.40
Means	5.24	...	...	...	3.55

Southern Division.	Dec., 1905. 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.	14.05	3.77	2	28	6.58
Morant Bay	14.32	3.00	1	23	5.03
Easington	14.45	3.25	1	21	3.85
Bull Bay	7.00	3.50	1	11	1.75
Gordon Town	5.78	2.60	1	12	3.69
Hope Gardens	5.59	2.53	1	19	2.07
Mona	5.34	2.85	1	6	...
Halfway Tree	4.82	2.15	1	10	2.16
Lunatic Asylum	5.54	3.50	1	11	2.14
Public Works Office	4.05	2.44	1	9	1.81
Plumb Point L. H.	4.89	2.60	1	11	1.62
Port Royal N. Hospital	...	..	...	...	...
Ballast Ground	3.99	2.50	1	6	...
Spanish Town	4.10	2.25	1	11	2.19
Hog Hole Pen	3.51	2.16	1	8	2.98
Browns Hall	4.84	1.76	1	8	3.26
Old Harbour	6.68	2.45	11	11	2.91
May Pen	5.64	2.13	1	13	2.06
Denbigh	4.28	1.90	2	5	2.11
Parnassus Est.	...	...	...	...	...
Amity Hall	9.90	3.06	10	10	...
New Yarmouth	5.77	0.95	10	19	1.87
Milk River	8.83	2.76	10	21	...
Victoria Town	8.12	1.50	10	17	3.01
Stone's Hope	6.51	1.23	10	23	2.88
Newport, Manchester.	12.07	2.03	27	19	4.25
Alligator Pond	12.20	0.65	10	6	2.91
Potsdam	3.24	0.92	10	12	2.58
Long Hill	0.77	0.28	10	7	3.15
Pepper	1.35	0.50	1	7	2.82
Torrington	...	...	...	...	...
Bethlehem, St. Eliz.	1.44	0.33	1	8	1.95
Santa Cruz	2.53	0.65	12	11	2.85
Pedro Plains	0.42	0.25	2	3	0.97
Black River	0.94	0.26	8	9	2.32
Spring Hill	1.59	0.63	1	8	...
Font Hill	1.45	0.70	1	4	2.22
Shrewsbury, Westd.	...	...	...	...	...
Peter's Ville	2.07	1.20	1	4	2.67
Mount Edgecombe	1.17	0.79	1	5	2.38
Bluefields	5.15	1.45	22	6	...
Sweet River	0.75	0.42	1	8	...
Windsor, Sav.-la.-Mar	1.36	0.90	1	7	3.17
Sav.-la-Mar, P.W.D.	1.23	0.90	1	6	2.32
Retreat	1.88	0.93	1	5	2.41
Spring Valley	...	...	...	...	...
White Hall	2.60	1.45	1	7	...
Negril Point L. H.	1.72	0.51	1	5	2.07
Means	5.02	...	...	...	2.71

NOTES.

Comparative Table of Rainfall.

(*Based upon the "Average" Stations only.*)

	December.	
	1905.	Average.
	In.	In.
North Eastern Division .	12.27	11.03
Northern .	6.14	5.88
West Central .	5.24	3.55
Southern .	5.02	2.71
Means .	7.17	5.79

The Rainfall for December was therefore above the average for the whole Island. The greatest fall 29.64 in. occurred at Fellowship in the North-Eastern Division while the least 0.42 in. was recorded at Pedro Plains in the Southern Division.

The Rainfall over the Island.

From about 129 "average" Stations.

1905.	Rainfall Divisions.				The Island.
	NE Div.	N Div.	WC Div.	S Div.	
	In.	In.	In.	In.	In.
January ...	14.09	10.11	5.32	1.78	7.83
February ...	5.40	2.64	2.36	1.57	2.99
March ...	9.68	6.96	8.44	4.83	7.48
April ...	3.31	2.94	9.67	4.63	5.14
May ...	12.86	3.82	9.41	6.71	5.70
June ...	12.42	7.21	11.06	9.72	10.10
July ...	3.51	1.19	4.44	1.77	2.73
August ...	7.74	3.51	7.59	6.84	6.17
September ...	10.10	5.47	9.73	7.76	8.27
October ...	11.98	7.57	13.77	16.13	12.36
November ...	9.55	3.77	7.21	6.55	6.77
December ...	12.27	6.14	5.24	5.02	7.17
Total ...	112.91	61.33	94.23	72.31	82.71

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