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JAMAICA

WEATHER REPORT

FOR THE MONTH OF

JANUARY, 1900.

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U.S. Dept. of Commerce

METEOROLOGICAL RESULTS.

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

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

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

STATION.	Elevation.	Bar. Pressure.		Temperature.					Extreme Temperature.				
		7. a.m.	3. p.m.	7 a.m.	3. p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range
	ft.	in.	in.	°	°	°	°	°	°		°		°
Morant Point Light House	8	29.956	29.910	...	...	...	...	...	...	..	...	...	...
Negril Point Light House	33	29.955	29.906	71.7	81.3	83.9	70.2	13.7	86	5*	65	9	21
Kings House	400	...	...	68.7	80.8	87.1	62.4	24.7	90	5*	59	18*	31
Castleton Gardens	496	.	.	67 6	78.3	86.9	64.5	22.4	88	11	61	2	27
Hope Gardens	600	...	...	66.7	79.6	84.1	63.8	20.3	86	20*	60	7	26
Stony Hill Reformatory	1400	...	..	64.7	76.0	83.1	62.2	20.9	85	19*	60	7*	25
Hill Gardens	4907	25.222	25.196	57.7	62.4	65.4	54.9	10.5	70	22	52	14	18

STATION.	Elevation.	Dewpoint and Humidity.				Rainfall.	Wind per diem.	Wind: direction (from and miles per hour.)				Amount of Cloud. Lower, Middle, and Upper.					
		7. a. m.		3 p. m.				7. a. m.		3 p. m.		7 a. m.			3 p. m.		
		°		°		in.	miles.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	...	...	...	...	10.21	...	E.N.E.	7	E.	10	8.1	1.8	1.1	8.0	2.7	0.8
Negril Point Light House	33	68.2	87	70.4	70	0.88	249	N.E.	9.2	var.	13.7	0.3	2.4	1.0	0.7	5.6	1.2
Kings House	400	64.6	87	73.2	76	0.71	...	...	...	...	...	...	...	...	...	...	...
Castleton Gardens	496	63.5	88	70.4	77	7.79	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens	600	64.1	90	70.5	74	0.98	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory	1400	62.4	92	67.4	74	3.95	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens	4907	54.6	89	60.3	91	7.60	...	...	...	...	...	...	...	...	...	...	...

*And on other days.

National Oceanic and Atmospheric Administration

Climate Database Modernization Program

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March 28, 2002

RAINFALL FOR JANUARY, 1900.

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 the Tables published in January, 1892, as No. 124 (A) of the preceding series of Reports, Vol. II.* 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 1900. Total Fall.	Greatest Fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Hordley	9.87	1.60	8	24	6.69
Manchioneal	5.48	0.50	14	20	4.05
Fair Prospect	12.73	2.55	29	17	...
Bath	10.74	1.65	6	27	5.39
Moore Town	34.39	10.68	4	13	...
Port Antonio	16.57	2.60	3	22	10.02
Fellowship	31.10	7.80	3	25	10.11
Johnson River Bridge	6.22	1.25	6	18	...
Shrewsbury	40.28	15.15	3	19	...
Cedar Valley, St. Thomas	...	...	...	...	3.18
Hill Gardens	7.60	1.80	6	21	8.32
Resource	5.10	...	...	...	...
Buff Bay	15.77	4.75	4	23	9.25
Avocat	16.48	4.38	3	18	...
Hardware Gap	5.94	1.10	7	9	4.40
Annotto Bay	12.32	4.11	3	17	5.17
Stony Hill Reformatory	3.95	1.50	6	18	4.81
Castleton Gardens	7.79	1.90	3	22	8.36
Lawrence Tavern	3.87	1.74	23	6	1.46
Carew Castle	2.90	0.82	26	9	...
Water Valley	4.60	0.80	3	18	...
Richmond, St. Mary	7.21	1.50	22	16	5.20
Kendal, St. Mary	6.32	0.86	23	15	...
Quebec	9.10	3.02	6	10	3.17
Gayle P. W. D.	...	...	...	...	3.21
Rio Hoe	4.05	1.69	1	12	6.05
Moneague	3.58	1.35	2	13	3.59
Claremont	5.42	1.09	7	14	5.96
Albion	4.50	...	...	18	5.35
Averham Park	5.39	0.85	7	16	5.64
Ballintoy	2.17	0.64	1	12	2.37
Means	8.62	...	...	...	5.99

NORTHERN DIVISION	JANUARY, 1900. Total Fall.	Greatest Fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	6.81	1.48	27	15	7.50
Ocho Rios	3.03	0.60	6	9	...
Drax Hall	6.09	1.63	22	13	7.08
St. Ann's Bay	5.26	2.18	22	16	4.24
Richmond Estate	15.28	1.58	22	4	6.38
Llandovery	7.87	1.20	28	12	6.19
Browns Town	4.04	1.87	31	15	3.78
Hyde Park	0.96	0.40	28	3	...
Dry Harbour	2.72	0.62	3	7	...
Chewmagna	0.78	0.24	20	9	...
Home Castle	4.10	1.05	24	11	5.41
Richmond Pen	0.52	0.15	12	4	4.49
Mahogany Hall	2.64	0.49	30	13	4.30
Brampton Bryan	4.62	1.12	23	10	4.40
Bryan Castle	7.98	1.80	3	11	4.87
Braco	5.68	2.68	3	9	4.87
Arcadia	6.24	1.50	3	11	4.93
Harmony Hall	5.65	1.75	3	8	3.93
Lancaster	7.03	2.40	3	10	4.73
Vale Royal	5.08	1.00	28	14	5.09
Colchis Pen	2.74	0.92	31	10	2.91
Hyde	3.11	0.73	30	15	5.12
Georgia	4.16	1.25	3	9	4.05
Long Pond	4.37	1.08	29	15	...
Steelfield	4.12	0.80	28	14	4.85
Oxford	3.95	0.75	4	11	4.11
Cambridge	3.90	1.10	30	12	5.29
Lottery	2.47	0.90	3	7	4.08
Falmouth P. W. D.	3.13	0.95	24	10	3.46
Holland Pen	2.50	1.20	24	4	2.98
Golden Grove, Trelawny	3.60	.			2.89
Tilston	3.65	0.90	30	9	3.45
Orange Valley	2.30	0.55	4	9	3.64
Kent	4.48	1.20	26	6	4.35
Dundee	2.01	0.45	31	9	4.07
Phœnix	3.48	0.62	25	14	3.02
Gales Valley	2.80	0.60	26	5	3.26
Canaan	1.86	0.70	31	4	1.58
Lima	3.25	0.80	26	9	...
Guilsboro'	5.55	1.20	31	16	2.84
Leogan	9.28	1.78	26	17	5.60
Success	3.60	3.20	2	10	4.51
Cinnamon Hill	12.81	3.80	26	13	3.04
Rose Hall	11.10	3.35	2	11	3.40
Running Gut	10.50	3.33	26	12	3.23
Spring	10.35	2.25	26	16	...
Ironshore	3.95	3.05	3	10	2.77
Montego Bay	6.76	3.35	3	14	3.11
Fairfield, St. James	5.60	2.00	3	13	3.38
Anchovy	3.24	0.60	3	11	2.82
Round Hill	6.00	3.00	3	12	1.95
Sandy Bay	3.29	1.75	25	8	2.35
Lucea	3.87	0.34	11	14	1.99

*And according to new MSS. Tables now in course of preparation which include a large number of Stations kept by the Public Works Department.

Central Sub-Division.	January, 1900. Total Fall.	Greatest Fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Headworks Rio Cobre Canal	2.40	0.62	25	11	2.57
Linstead	2.13	0.90	25	6	2.63
Point Hill	3.80	1.53	30	11	1.37
Worthy Park	1.21	0.70	25	2	...
Chapelton	5.70	1.56	29	7	1.92
Lower Chapelton	1.58	1.72	25	9	1.38
Savoy House	4.98	1.27	25	14	...
Mears	3.14	1.21	26	7	...
Cave Valley	3.51	2.10	1	4	2.46
Means	5.13	...	...	...	3.81
West Central Division.					
Mocho	6.30	1.90	12	9	...
Baillieston	...	...	...	...	..
Farm Plantation	4.88	1.00	1	12	2.68
Brokenhurst	4.40	1.20	25	9	5.33
Christiana	2.50	0.59	29	9	2.11
Kendal, Manchester	4.08	1.22	1	5	2.58
Mandeville P. W. D.	5.27	1.05	26	16	...
Carlton, Mandeville	5.11	1.16	26	15	...
Fairfield, Manchester	6.28	2.27	1	10	...
Ulster Spring	1.77	0.60	1	6	2.43
Troy	2.36	0.90	1	6	1.62
Fontabelle, Trelawny	4.35	1.40	29	12	2.58
Windsor Pen, Trelawny	2.74	0.84	29	9	3.95
Balaclava	2.41	1.20	1	5	1.34
Elim	4.15	1.30	15	9	1.82
Appleton	3.28	1.68	1	12	2.21
Maggotty	2.98	1.35	1	14	2.42
Spring Vale, St. James	3.68	1.70	30	5	4.68
Maroon Town, St. James	3.71	1.00	31	9	5.78
Kempshot	3.27	2.40	31	19	3.91
Kepp	5.32	1.50	5	7	3.36
Kew Park	5.29	1.98	31	7	2.05
Hazelymph	4.01	1.72	31	8	...
King Gate	7.66	2.30	3	10	...
Darliston	4.75	1.15	18	12	2.50
Whithorn	3.65	1.52	31	8	1.58
Galloway	3.68	1.71	31	6	...
Lethe Bridge	4.30	1.00	31	10	1.45
Copse	5.12	1.50	31	13	2.92
Cacoon Castle	10.68	3.38	3	10	4.44
Great Valley	11.18	4.17	3	12	6.13
Brownsville	9.40	3.00	3	12	...
Morgan's Bridge	2.85	1.05	18	10	1.70
King's Valley	6.92	2.80	30	8	2.46
King's Vale Police Station	6.57	2.00	23	7	...
Means	4.60	...	...	...	2.30

Southern Division.	January, 1900. Total Fall.	Greatest Fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Morant Point Light House	10.21	1.81	2	24	4.10
Morant Bay	6.94	1.70	19	8	2.42
Easington	2.55	0.90	6	8	1.26
Bull Bay	1.40	0.70	3	4	0.64
Gordon Town	3.28	1.60	3	11	1.87
Hope Gardens	0.98	0.32	3	12	2.27
King's House	0.71	0.21	15	7	1.54
Monaltrie	0.56	0.08	4	11	1.51
Halfway-Tree	0.52	0.20	19	4	0.77
Lunatic Asylum	1.01	0.43	9	9	...
Kingston Gardens	0.37	0.18	11	6	...
Public Works Office, Kingston	0.58	0.18	11	7	1.45
Plumb Point Light House	0.80	0.20	13	7	1.03
Port Royal, Naval Hospital	0.89	0.27	13	7	...
Ferry	1.47	0.69	6	6	0.77
Lawrence field	1.64	0.42	12	6	...
Spanish Town	1.31	0.27	6	10	1.80
Hog Hole Pen	1.81	0.50	7	9	2.02
Browns Hall	3.00	1.03	29	6	...
Old Harbour	1.70	0.41	17	11	2.62
May Pen	1.95	0.48	12	13	1.10
Hermitage, Clarendon	1.89	0.54	...	8	...
Denbigh	2.60	1.00	17	...	1.61
New Yarmouth	2.91	1.11	6	4	0.90
Rest*	2.17	0.62	18	6	...
Victoria Town	2.55	0.75	27	7	1.51
Stone's Hope	3.65	0.68	3	17	3.49
Newport, Manchester	3.32	0.71	7	7	2.10
Alligator Pond	1.62	0.72	26	3	0.92
Potsdam	4.08	0.61	14	11	2.53
Long Hill	2.33	0.69	8	15	2.25
Pepper	2.85	0.60	21	8	1.75
Torrington	...	...	...	...	1.58
Bethlehem, St. Elizabeth	2.73	0.56	21	8	...
Santa Cruz	2.03	1.00	5	10	3.76
Pedro Plains	2.63	0.90	3	6	...
Black River	1.26	0.36	15	9	1.72
Font Hill	1.25	0.55	8	3	1.34
Peter's Ville	2.61	1.01	8	14	1.82
Mount Edgecombe	2.53	0.46	6	16	1.89
Sweet River	3.60	1.81	31	9	2.09
Cornwall	2.38	0.83	31	4	...
Windsor, Sav.-la-Mar	3.44	1.17	23	5	1.97
Sav.-la-Mar P. W. D.	4.06	2.90	23	3	1.43
Retreat	1.81	0.55	31	6	1.60
Negril Point Lighthouse	0.88	0.35	18	8	...
Means	2.47	...	...	.	1.83

*In the Weather Reports for Sept. to Dec. last year, for Milk River read Rest.

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MAR 17 1900
West Indies

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	January. 1900.	January. Average.
	In.	In.
North Eastern Division	8.62	5.99
Northern	5.13	3.81
West Central	4.60	2.80
Southern	2.47	1.83
Means	5.20	3.61

It thus appears that the Rainfall was a little above the Average in all the Divisions of the Island. The largest fall, 40.28, occurred at Shrewsbury, four miles south of Hope Bay; the smallest, 0.37 occurred at Kingston Gardens.

It will be noticed that the rains fell chiefly along the northern shores of the Island, which is the chief characteristic of our winter Rainfall.

The Health of Kingston.

The following Table shows the number of deaths in Kingston during the month from a few groups of diseases, compared with the average number.

	January. 1900.	Average. 1890 to 1899	Average. 1881 to 1890.
Infantile diseases not otherwise specified	44	23	21
Lung disease	18	21	19
Fever and Malaria	19	12	10
Dysentery and Diarrhœa	10	8	9
Various	88	59	58
Total	179	123	117

Blue Mountain Peak :—7,423 feet.

Day.	Hour.	Temp.	Extreme Temps. since last reading. Max.	Extreme Temps. since last reading. Min.	Total Rain since last reading.
		°	°	°	In.
Feb. 1.	11.30 a.m.	54	69.9	36.8	22.10

An error having unfortunately occurred in the return from Hordley in the last Weather Report we must make the following corrections :—

Hordley ; for 26.32 read 8.73 ; Means N. E. for 14.15 read 12.20.

Means for Island, p. 4 : for 7.20 read 6.71 ; and then substitute the following corrected Table :—

Rainfall over the Island.

1899.	NE.	N.	WC.	S.	The Island.
	In.	In.	In.	In.	In.
January	6.74	1.89	3.39	2.54	3.64
February	3.89	2.91	3.16	1.09	2.76
March	4.47	1.54	5.19	2.42	3.40
April	4.07	4.20	7.37	4.34	5.00
May	3.95	1.91	5.56	5.26	4.17
June	5.06	3.03	10.50	3.18	5.44
July	3.88	1.74	5.83	3.58	3.78
August	3.38	2.27	8.43	3.45	4.38
September	7.47	5.00	10.51	6.91	7.47
October	26.33	15.91	26.71	25.09	23.51
November	22.45	12.58	12.05	11.67	14.69
December	12.20	5.46	4.56	4.63	6.71
Year	103.89	58.44	103.26	74.16	84.94

MAXWELL HALL.

Montego Bay,

March 2nd 1900.

It is requested that all Rainfall returns and other data for these Reports may for the future be sent to the Weather Office, Montego Bay.

M. H.

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APR 11 1900
Weather Bureau

NO. 251

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

FEBRUARY, 1900.

METEOROLOGICAL RESULTS.

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

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

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

STATION.	Elevation.	Bar. Pressure.		Temperature.					Extreme Temperature.				
		7. a.m.	3. p.m.	7 a.m.	3. p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	in.	in.	°	°	°	°	°	°		°		°
Morant Point Light House	8	29.984	29.945	...	...	...	...	...	...	..	...	...	...
Negril Point Light House	33	29.988	29.932	72.4	81.2	84.3	69.8	14.5	89	10	66	9	23
Kings House	400	...	...	66.7	83.3	87.9	61.9	26.0	90	25*	59	13*	31
Castleton Gardens	496	29.993	29.930	65.2	78.0	83.1	62.9	20.2	87	5*	60	6*	27
Hope Gardens	600	...	..	66.5	82.3	86.4	63.1	23.3	89	9*	60	5	29
Stony Hill Reformatory	1400	...	..	66.4	79.9	83.7	63.0	20.7	86	25	58	19	28
Hill Gardens	4907	25.249	25.218	57.0	64.8	67.2	54.1	13.1	71	7*	51	23	20

STATION.	Elevation.	Dewpoint and Humidity.				Rainfall.	Wind per diem	Wind: direction (from and miles per hour)				Amount of Cloud. Lower, Middle, and Upper					
		7. a. m.		3 p. m.				7. a. m.		3 p. m.		7 a. m.			3 p. m.		
		°		°		in.	miles		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	...	...	...	...	2.61	...	var.	11.2	var.	13.8	2.5	1.6	1.0	2.5	2.2	0.7
Negril Point Light House	33	65.1	78	69.6	67	0.92	286	var.	11.1	var.	15.4	1.0	3.1	0.5	0.7	6.4	0.4
Kings House	400	62.9	87	76.1	79	0.29	...	...	...	...	...	...	...	...	...	...	...
Castleton Gardens	496	59.9	85	68.9	72	6.96	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens	600	61.6	84	69.1	65	0.31	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory	1400	63.9	91	71.3	75	1.34	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens	4907	53.4	87	59.3	82	2.28	...	...	...	...	...	...	...	...	...	...	...

*And on other days.

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Their relative areas are as follows:—

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

NORTH-EASTERN DIVISION.	FEBRUARY 1900. Total Fall.	Greatest Fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Hordley	1.32	0.48	19	9	4.56
Manchioneal	4.59	0.48	18	20	6.49
Fair Prospect	6.86	1.80	18	12	...
Bath	8.06	0.45	2	16	5.17
Moore Town	24.14	6.00	3	11	...
Port Antonio	12.51	3.47	2	19	5.47
Fellowship	19.03	4.38	19	18	10.11
Johnson River Bridge	0.77	0.35	4	6	...
Shrewsbury	....	...	...	...	...
Cedar Valley, St. Thomas	1.30	0.82	4	10	3.35
Hill Gardens	2.28	0.[illegible]6	2	14	4.34
Resource	0.30	...	.	...	...
Buff Bay	15.36	3.20	2	13	9.12
Avocat	9.7[illegible]	3.8[illegible]	2	10	...
Hardware Gap	1.70	1.10	19	4	4.65
Annotto Bay	13.64	2.91	3	12	7.04
Stony Hill Reformatory	1.34	0.87	18	6	2.80
Castleton Gardens	6.96	3.30	2	15	4.90
Lawrence Tavern	1.97	0.69	2	5	2.79
Carew Castle	1.73	0.65	2	5	...
Water Valley	11.48	3.00	26	9	...
Richmond, St. Mary	15.68	3.25	27	16	4.68
Kendal, St. Mary	9.31	3.97	2	9	...
Quebec	10.9[illegible]	2.50	26	14	4.76
Gayle P. W. D	8.29	1.91	26	12	5.65
Rio Hoe	8.23	2.00	2	8	3.80
Moneague	8.96	2.75	2	13	3.68
Claremont	9.82	3.35	2	12	5.29
Albion	10.56	3.80	2	12	3.32
Averham Park	9.91	3.25	2	13	4.47
Balliatoy	5.6[illegible]	2.13	2	8	3.22
Means	7.76	...	...	...	4.96

NORTHERN DIVISION.	FEBRUARY, 1900. Total Fall.	Greatest Fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	5.84	1.28	26	15	5.45
Ocho Rios	5.80	2.00	26	7	...
Drax Hall	6.77	2.62	26	12	3.99
St. Ann's Bay	9.53	3.60	26	14	4.83
Richmond Estate	10.88	3.23	26	11	3.89
Llandovery	9.33	2.31	18	12	3.79
Southfield	15.66	....	...	12	..
Browns Town	8.58	2.70	18	7	4.48
Hyde Park	1.62	0.84	14	3	..
Dry Harbour	....	....	..	..	...
Chewmagna	5.42	3.15	2	8	...
Home Castle	4.93	2.34	18	7	2.97
Richmond Pen	7.35	3.50	18	5	1.84
Mahogany Hall	8.51	3.34	18	8	2.53
Brampton Bryan	7.45	2.12	18	10	1.58
Bryan Castle	7.57	2.00	18	13	1.91
Braco	5.29	1.40	18	7	2.00
Arcadia	8.36	2.20	18	9	2.03
Harmony Hall	6.04	2.02	25	8	2.08
Lancaster	4.75	1.52	25	9	2.29
Vale Royal	8.37	2.05	26	10	2.47
Colchis Pen	4.76	1.92	18	6	1.28
Hyde	4.41	2.00	18	7	2.30
Georgia	8.08	2.51	25	7	2.32
Long Pond	7.07	2.20	18	9	....
Steelfield	7.50	1.65	26	8	2.05
Oxford	7.55	2.20	25	9	1.82
Cambridge	6.65	1.50	27	8	2.15
Lottery	5.70	1.85	27	9	1.83
Falmouth P. W. D.	4.08	1.23	26	10	1.59
Holland Pen	3.50	1.00	27	6	2.01
Golden Grove, Trelawny	4.65	1.30	4	8	1.82
Tilston	6.00	1.70	26	7	1.70
Orange Valley	4.94	1.10	25	12	1.97
Kent	5.56	1.21	25	7	2.25
Dundee	6.18	1.50	26	8	2.01
Phœnix	5.35	1.50	18	10	2.24
Gales Valley	5.75	1.75	18	6	1.80
Canaan	4.80	2.00	22	7	2.26
Lima	5.15	1.70	22	8	...
Guilsbro'	3.27	1.40	18	12	2.11
Leegan	7.46	1.95	26	8	1.74
Success	2.85	1.10	26	8	2.51
Cinnamon Hill	4.94	1.77	26	8	2.47
Rose Hall	5.31	1.45	22	8	2.14
Running Gut	5.94	2.64	22	8	1.98
Spring	5.55	2.00	26	7	3.33
Ironshore	3.50	1.00	22	6	2.25
Montego Bay	3.49	1.11	25	10	1.84
Falmfield, St. James	3.25	0.90	18	7	1.85
Anchovy†	2.37	2.10	18	3	1.37
Round Hill	1.95	0.80	18	5	1.26
Sandy Bay	5.84	2.26	18	4	1.76
Lucea	2.74	0.55	26	7	1.94

*And according to new MSS. Tables now in course of preparation which include a large number of Stations kept by the Public Works Department.

†Gauge ran over on 18th.

Central Sub-Division.	February, 1900. Total Fall	Greatest Fall in 24 hours. Amount	Greatest Fall in 24 hours. Date	Days on which 0.01 or more fell.	Average
	In.	In.			In.
Headworks Rio Cobre Canal	0.20	0.12	18	2	1.51
Linstead	2.09	0.74	18	7	2.05
Point Hill	1.14	0.40	3	8	2.20
Worthy Park	2.53	1.78	5	5	1.93
Chapelton	0.25	0.25	2	1	1.98
Lower Chapelton	0.45	0.30	2	3	2.04
Savoy House	0.48	0.28	3	5	...
Mears	0.78	0.38	1	5	...
Cave Valley	2.64	1.24	18	3	2.18
Means	5.23	..	...	...	2.29
West Central Division.					
Mocho	0.75	0.24	25	5	...
Ballieston	0.55	0.30	26	5	..
Farm Plantation	1.07	0.47	4	5	2.40
Brokenhurst	0.88	0.30	1	4	2.24
Christiana	1.21	0.43	2	6	2.54
Kendal, Manchester	0.13	0.13	24	1	2.72
Mandeville P. W. D.	0.66	0.19	10	8	2.41
Carlton, Mandeville	0.52	0.19	2	5	...
Fairfield, Manchester	0.47	0.13	27	5	...
Ulster Spring	6.35	2.65	2	6	2.09
Troy	2.65	0.89	2	5	2.93
Fontabelle, Trelawny	5.25	1.70	18	7	2.66
Windsor Pen, Trelawny	3.82	1.66	2	6	2.25
Balaclava	0.76	0.67	1	2	2.43
Elim	2.29	2.04	1	2	3.24
Appleton	0.73	0.35	1	6	2.80
Maggotty	1.69	0.56	1	5	2.56
Spring Vale, St. James	5.75	2.58	18	6	2.34
Maroon Town, St. James	2.70	1.50	18	5	1.96
Kempshot	8.16	4.48	19	10	2.91
Kapp	....	. .			3.79
Kew Park	2.67	1.72	18	3	2.62
Hazelymph	3.00	2.03	18	3	2.12
K. g Gate	5.60	3.24	18	6	...
Darliston	2.23	0.68	22	8	3.30
Whitnorn	1.28	0.76	16	4	2.95
Galloway	1.17	0.67	15	4	...
Lethe Bridge	5.27	3.50	18	5	3.57
Copse	5.44	4.00	18	17	2.06
Cacoon Castle	6.98	3.80	18	4	2.77
Great Valley	7.10	4.18	18	6	3.21
Brownsville	6.50	2.38	18	6	...
Morgan's Bridge	0.41	0.14	25	6	2.82
King's Valley	0.75	0.25	25	3	2.57
King's Vale Police Station	3.20	0.80	18	7	...
Means	3.01	...	...	...	2.61

Southern Division.	February, 1900. Total Fall	Greatest Fall in 24 hours. Amount	Greatest Fall in 24 hours. Date	Days on which 0.01 or more fell.	Average.
	In	In.			In.
Morant Point Light House	2.61	0.87	3	15	2.49
Morant Bay	0.57	0.21	4	4	2.11
Flamington	0.14	0.14	21	1	1.86
Bull Bay	0.00	0.00	...	0	0.74
Gordon Town	0.21	0.12	18	3	1.88
Hope Gardens	0.31	0.29	18	3	1.34
King's House	0.29	0.18	1	3	1.55
Monaltrie	0.28	0.12	28	4	1.19
Halfway-Tree	0.45	0.23	27	2	1.44
Lunatic Asylum	0.05	0.05	3	1	...
Kingston Gardens	0.11	0.09	18	2	....
Public Works Office, Kingston	0.07	0.07	19	1	0.78
Plumb Point Light House	0.11	0.11	18	1	0.88
Port Royal, Naval Hospital	0.01	0.01	2	1	...
Ferry	0.07	0.07	18	1	1.11
Lawrence field	0.00	0.00	...	0	...
Spanish Town	0.22	0.22	22	1	1.47
Hog Hole Pen	0.35	0.25	1	2	1.50
Browns Hall	0.58	0.31	10	3	...
Old Harbour	0.00	0.00	...	0	2.05
May Pen	0.98	0.16	10	8	1.63
Hermitage, Clarendon	....	....	...	...	...
Denbigh	....	....	...	...	1.50
New Yarmouth	0.00	0.00	...	0	0.91
Rest	0.00	0.00	...	0	...
Victoria Town	0.00	0.00	...	0	2.62
Stone's Hope	0.29	0.10	25	3	2.11
Newport, Manchester	0.51	0.39	11	2	[illegible]
Alligator Pond	0.20	0.20	25	1	1.18
Potsdam	0.50	0.48	1	2	1.97
Long Hill	1.70	1.43	1	3	2.14
Pepper	1.10	1.10	1	1	2.02
Torrington	0.26	0.16	26	3	2.25
Bethlehem, St. Elizabeth	1.44	0.83	1	4	...
Santa Cruz	0.21	0.19	1	3	2.52
Pedro Plains	0.00	0.00	...	0	...
Black River	2.86	1.84	1	4	1.77
Font Hill	1.45	0.60	2	4	0.86
Peter's Ville	1.15	0.92	26	6	2.08
Salem	1.94	1.39	2	4	..
Mount Edgecombe	0.80	0.36	1	4	2.26
Sweet River	0.95	0.44	1	5	2.31
Cornwall	0.76	0.30	16	5	...
Windsor, Sav.-la-Mar	1.19	0.47	1	6	2.39
Sav.-la-Mar P. W. D.	1.10	0.60	2	4	2.22
Retreat	0.32	0.16	3	3	2.28
Negril Point Lighthouse	0.92	0.81	25	6	...
Means	0.60	...	...	.	1.79

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	February. 1900.	February. Average.
	In.	In.
North Eastern Division -	7.76	4.96
Northern -	5.23	2.29
West Central -	3.01	2.61
Southern -	0.60	1.79
Means -	4.15	2.91

The Rainfall for February was therefore above the average for the whole Island; but in the Southern Division, from Bull Bay to the Pedro Plains, the weather was dry, and no rain fell at a large number of places. On the other hand there was a large rainfall at several places in the North-eastern Division, the greatest being 24.14 at Moore Town, near the source of the Rio Grande.

The Health of Kingston.

The following Table shows the number of deaths in Kingston during the month from a few groups of diseases compared with the average number.

	February. 1900.	Average. 1890 to 1899	Average. 1881 to 1890.
Infantile diseases not otherwise specified	43	24	24
Lung disease -	21	18	14
Fever and Malaria -	21	8	8
Dysentery and Diarrhœa -	8	11	12
Various -	51	49	53
Total -	144	110	111

Blue Mountain Peak :—7,423 feet.

Day.	Hour.	Temp.	Extreme Temps. since last reading. Max.	Extreme Temps. since last reading. Min.	Total Rain since last reading.
		°	°	°	In.
Mar. 1.	11.40 a.m.	56	67.9	44.8	6.54

United States Station, Halfway Tree.

February, 1900.	8 a. m.	8 p. m.
Bar-Pressure -	30.017	29.984
Temperature -	71.7	74.4
Dew Point -	62.7	65.6
Humidity -	74	74
Cloud -	2.3	1.6

Mean Max. Temp.	° 84.4
Mean Min. Temp.	67.4
Mean Range	17.0
Extreme Temps. Max.	87 on the 28th
Extreme Temps. Min.	64 on the 23rd

Mean Wind per diem 170 miles

Max. Wind : S.E., 28 miles per hour

Weather Report No. 250. Returns sent up too late for publication in that Report.	January, 1900. Total fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell
	In.	In.		
Cedar Valley -	.	.	.	.
Gayle, P.W.D. -	7.83	1.35	29	21
Baillieston -	2.00	1.00	1	4
Torrington	4.09	1.90	8	14

Correction.—W. R. No. 250.

Richmond Estate :—For 15.28, read 5.28.

MAXWELL HALL.

Montego Bay,

March 26th 1900.

It is requested that all Rainfall returns and other data for these Reports may for the future be sent to the Weather Office, Montego Bay.

M. H.

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Weather Bureau

NO. 252

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

MARCH, 1900.

METEOROLOGICAL RESULTS.

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

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

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

STATION.	Elevation.	Bar Pressure		Temperature.					Extreme Temperature.				
		7. a.m.	3. p.m.	7 a.m.	3. p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	in.	in.	°	°	°	°	°	°		°		°
Morant Point Light House	8	29.966	29.916	...	...	...	...	...	...	...	...	...	...
Negril Point Light House	33	29.970	29.917	74.1	81.2	84.6	70.6	14.0	88	22	64	12	24
Kings House	400	...	...	70.1	84.5	88.7	61.1	27.6	91	1*	51	14	40
Castleton Gardens	496	...	...	64.0	80.3	83.6	64.6	19.0	88	31	58	13	30
Hope Gardens	600	...	...	69.8	83.9	86.9	64.4	22.5	95	11	57	18	38
Stony Hill Reformatory	1400	...	...	66.8	79.0	83.8	63.2	20.6	86	24*	61	4*	25
Hill Gardens	4907	25.234	25.200	57.4	64.6	66.8	53.9	12.9	72	22	49	13*	23

STATION.	Elevation.	Dewpoint and Humidity.				Rainfall.	Wind per diem.	Wind: direction (from and miles per hour.)				Amount of Cloud. Lower, Middle, and Upper.					
		7. a. m		3 p. m.				7. a. m.		3 p. m.		7 a. m.			3 p. m.		
		°		°		in.	miles.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	...	...	...	...	1.45	...	var.	9.8	var.	13.6	2.2	2.3	1.0	2.2	2.2	0.9
Negril Point Light House	33	68.5	82	80.0	72	1.86	281	var.	9.1	var.	15.3	1.0	2.5	2.3	1.2	5.5	0.9
Kings House	400	66.2	87	73.0	68	0.87	...	...	...	...	...	...	...	...	...	...	...
Castleton Gardens	496	68.5	92	69.5	72	8.64	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens	600	64.6	84	69.7	63	1.02	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory	1400	64.8	91	69.4	72	1.50	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens	4907	53.9	87	59.8	88	7.45	...	...	...	...	...	...	...	...	...	...	...

*And on other days.

RAINFALL FOR MARCH, 1900.

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 the Tables published in January, 1892, as No. 124 (A) of the preceding series of Reports, Vol. II.* 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 1900. Total Fall	Greatest Fall in 24 Hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Hordley	4.12	1.35	3	9	3.68
Manchioneal	1.80	1.05	18	5	2.85
Fair Prospect	5.32	1.39	17	9	...
Bath	7.36	1.71	5	12	3.10
Moore Town	13.46	6.00	5	6	...
Port Antonio	4.41	2.22	6	11	3.92
Fellowship	7.62	1.40	5	13	4.72
Johnson River Bridge	2.19	0.96	6	8	...
Shrewsbury	7.02	2.05	6	8	...
Cedar Valley, St. Thomas	4.22	1.82	16	9	2.11
Hill Gardens	7.45	2.10	5	13	5.30
Resource	2.25	...	...	...	...
Ruff Bay	5.07	3.10	6	6	3.62
Avocat	16.42	9.30	5	8	...
Hardware Gap	5.50	1.50	4	7	3.13
Annotto Bay	3.91	1.90	6	4	2.50
Stony Hill Reformatory	1.50	0.62	6	5	2.65
Castleton Gardens	8.64	2.54	5	14	4.08
Lawrence Tavern	0.92	0.60	6	2	1.67
Carew Castle	1.18	0.70	6	6	...
Water Valley	4.46	2.31	7	4	...
Richmond, St. Mary	3.77	1.35	6	11	2.28
Kendal, St. Mary	2.54	1.08	6	6	...
Quebec	....	...	...	...	3.01
Gayle P. W. D.	4.72	1.70	6	9	4.50
Rio Hoe	3.85	1.57	6	8	3.69
Moneague	3.24	1.03	6	12	2.57
Claremont	4.62	1.26	6	10	3.02
Albion	3.98	1.17	6	11	3.59
Averham Park	5.84	1.64	6	10	3.38
Ballintoy	2.55	0.73	6	8	3.00
Means	4.52	...	...	...	3.28

NORTHERN DIVISION.	MARCH, 1900. Total Fall.	Greatest Fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	2.62	1.16	7	4	2.70
Buchanan	2.04	1.10	6	4	...
Drax Hall	1.93	0.56	7	7	3.03
St. Ann's Bay	2.35	0.78	6	9	1.94
Richmond Estate	2.41	1.10	6	6	2.83
Llandovery	1.45	0.53	17	7	2.30
Southfield	4.55	1.74	6	8	..
Browns Town	3.02	0.92	6	8	2.98
Hyde Park	0.00	0.00	0	0	...
Dry Harbour	0.45	0.30	6	2	...
Chewmagna	1.17	0.50	30	9	...
Grome Castle	3.89	1.25	6	8	2.49
Richmond Pen	0.04	0.04	30	1	2.27
Mahogany Hall	2.89	0.74	3	8	2.16
Brampton Bryan	2.56	0.74	7	6	1.85
Bryan Castle	1.92	0.64	6	7	1.86
Braco	1.22	0.70	6	3	1.68
Arcadia	2.76	0.88	7	7	1.85
Harmony Hall	2.89	0.74	3	9	1.66
Lancaster	1.82	0.60	7	7	2.02
Vale Royal	2.88	0.60	7	9	2.30
Colchis Pen	1.39	0.35	6	5	1.63
Hyde	2.38	0.50	6	7	2.75
Georgia	2.56	0.68	7	8	2.04
Long Pond	2.48	0.80	6	6	....
Steelfield	2.25	0.80	6	7	2.20
Oxford	1.60	1.00	7	3	1.84
Cambridge	2.02	0.80	7	6	2.16
Lottery	2.35	0.80	7	7	1.97
Falmouth P. W. D.	1.98	0.64	3	9	1.80
Holland Pen	1.58	0.48	7	5	1.51
Golden Grove, Trelawny	4.40	....	...	...	2.13
Tilston	1.35	1.20	6	4	2.34
Orange Valley	....	....	...	...	1.67
Kent	3.06	1.68	2	9	1.77
Dundee	1.40	0.80	7	4	1.98
Phœnix	2.04	0.75	2	9	2.32
Gales Valley	3.40	0.90	2	6	2.20
Canaan	2.73	0.65	2	7	1.50
Lima	2.54	0.90	2	8	...
Guilsbro'	2.99	0.92	3	8	1.60
Leogan	2.00	1.50	2	3	1.69
Success	1.07	0.60	2	4	1.91
Cinnamon Hill	2.18	1.61	2	4	1.87
Rose Hall	1.85	1.40	2	4	1.23
Running Gut	1.13	0.71	2	4	1.82
Spring	1.80	1.00	3	7	1.69
Ironshore	0.80	0.58	17	4	1.32
Montego Bay	2.19	1.39	2	8	1.39
Fairfield, St. James	1.95	1.10	12	6	1.47
Anchovy	1.82	1.05	2	5	1.67
Round Hill	0.05	0.05	6	1	1.57
Sandy Bay	0.00	0.00	...	...	1.36
Lucea	0.12	0.08	6	2	1.79

*And according to new MSS. Tables now in course of preparation which include a large number of Stations kept by the Public Works Department.

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Central Sub-Division.	March, 1900. Total Fall.	Greatest Fall in 24 hours. Amount.	Greatest Fall in 24 hours. Date.	Days on which 0.01" or more fell.	Average.
	In.	In.			In.
Headworks Rio Cobre Canal	0.85	0.44	6	5	2.95
Linstead	0.74	0.34	7	4	2.24
Point Hill	3.15	2.15	7	6	2.90
Worthy Park	1.45	0.75	6	2	2.67
Chapelton	1.54	0.80	6	4	2.39
Lower Chapelton	0.73	0.40	17	3	1.58
Savoy House	1.35	0.58	17	8	...
Mears	...	..	...	..	...
Cave Valley	2.33	1.13	31	4	2.78
Means	1.95	...	...	...	2.02
West Central Division.					
Mocho	2.51	1.13	18	6	...
Baillieston	4.15	1.70	31	5	..
Farm Plantation	3.65	1.90	16	6	3.14
Brokenhurst	3.24	1.55	16	9	2.70
Christiana	3.65	1.25	17	9	3.80
Kendal, Manchester	2.51	1.12	2	9	3.89
Mandeville P. W. D	2.09	0.85	16	10	4.67
Carlton, Mandeville	3.69	1.75	16	13	...
Fairfield, Manchester	1.06	0.31	2	6	...
Ulster Spring	1.43	0.90	6	3	2.54
Troy	2.66	2.07	17	4	4.59
Fontabelle, Trelawny	1.55	0.40	6	10	1.93
Windsor Pen, Trelawny	1.24	0.40	3	6	2.27
Balaclava	2.41	1.50	17	3	3.26
Elim	1.95	1.55	17	4	2.65
Appleton	1.48	1.01	17	5	4.55
Maggotty	1.70	1.05	17	6	4.99
Spring Vale, St. James	2.65	1.10	2	5	2.92
Maroon Town, St. James	1.90	0.70	3	6	3.59
Kempshot	4.28	1.28	8	11	2.42
Kepp	0.88	0.42	16	3	4.37
Kew Park	1.35	0.92	17	5	3.66
Hazelymph	2.66	0.53	1	6	2.83
Hog Gate	2.56	1.24	2	4	...
Darliston	0.83	0.41	17	6	6.01
Whithorn	0.66	0.33	6	3	4.92
Galloway	0.55	0.27	6	3	...
Lethe Bridge	2.05	0.75	2	4	2.22
Copse	2.60	1.50	3	7	2.95
Cacoon Castle	1.82	1.40	2	4	2.66
Great Valley	1.75	0.83	4	11	2.85
Brownsville	1.30	0.50	8	6	...
Morgan's Bridge	2.61	1.54	17	4	3.89
King's Valley	1.05	0.50	17	4	3.19
King's Vale Police Station	0.60	0.40	17	3	...
Means	2.13	...	...	...	3.46

Southern Division.	March, 1900. Total Fall.	Greatest Fall in 24 hours. Amount.	Greatest Fall in 24 hours. Date.	Days on which 0.01" or more fell.	Average.
	In.	In.			In.
Morant Point Light House	1.15	0.43	7	14	1.78
Morant Bay	2.03	0.85	5	6	0.78
Easington	1.29	0.35	8	8	1.19
Bull Bay	0.00	0.00	...	0	0.27
Gordon Town	0.80	0.40	6	5	0.98
Hope Gardens	1.02	0.53	6	5	1.63
King's House	0.87	0.55	6	3	1.26
Monaltrie	....	....	...	...	1.51
Halfway-Tree	0.28	0.23	6	2	0.78
Lunatic Asylum	0.38	0.26	7	3	...
Kingston Gardens	0.32	0.27	6	2	....
Public Works Office, Kingston	0.37	0.22	7	3	1.18
Plumb Point Light House	0.14	0.09	6	3	0.99
Port Royal, Naval Hospital	0.41	0.15	6	3	...
Ferry	0.40	0.20	6	3	1.11
Lawrence field	0.00	0.00	...	0	...
Spanish Town	0.12	0.12	6	1	2.42
Hog Hole Pen	0.25	0.25	6	1	2.42
Browns Hall	2.53	0.45	10	6	...
Old Harbour	0.45	0.38	2	2	2.05
May Pen	0.97	0.30	6	8	1.38
Hermitage, Clarendon	2.48	1.70	9	4	...
Denbigh	....	....	...	...	1.97
New Yarmouth	0.27	0.20	16	2	1.03
Rest	1.59	1.35	16	2	...
Victoria Town	1.50	0.60	16	5	1.94
Stone's Hope	2.64	1.20	16	7	2.56
Newport, Manchester	2.43	1.18	16	6	2.81
Alligator Pond	0.94	0.79	15	2	1.84
Potsdam	1.33	0.40	16	9	2.77
Long Hill	1.83	0.90	3	8	3.43
Pepper	3.15	1.60	3	5	4.34
Torrington	2.39	1.10	2	5	2.92
Bethlehem, St. Elizabeth	1.54	0.72	16	4	...
Santa Cruz	2.64	1.63	2	5	3.29
Pedro Plains	....	....	...	...	...
Black River	0.92	0.55	6	4	2.13
Font Hill	1.40	0.60	17	5	1.83
Peter's Ville	1.71	0.72	17	8	3.05
Salem	1.33	0.52	17	7	..
Mount Edgecombe	1.32	0.96	17	6	3.16
Sweet River	0.32	0.29	7	2	3.17
Cornwall	0.46	0.16	16	1	...
Windsor, Sav.-la-Mar	0.05	0.05	6	1	2.87
Sav.-la-Mar P. W. D.	0.38	0.19	7	3	2.55
Retreat	1.59	0.85	16	3	3.11
Negril Point Lighthouse	1.86	1.51	16	4	...
Means	1.10	...	...	.	2.09

NOTES.

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	March. 1900. In.	March. Average. In.
North Eastern Division	4.52	3.28
Northern	1.95	2.02
West Central	2.13	3.46
Southern	1.10	2.09
Means	2.42	2.71

The Rainfall over the whole Island was therefore about the average, but it was very unequally distributed. At Avocat and Moore Town on the northern slope of the Blue Mountain range, 16.42 and 13.46 inches were registered: while at Hyde Park, Sandy Bay, Bull Bay, and Lawrencefield, no rain at all fell.

The Health of Kingston.

The following Table shows the number of deaths in Kingston during the month from a few groups of diseases, compared with the average number.

	March. 1900.	Average. 1890 to 1899	Average. 1881 to 1890.
Infantile diseases not otherwise specified	41	26	32
Lung disease	18	20	17
Fever and Malaria	18	8	7
Dysentery and Diarrhœa	28	13	15
Various	31	69	68
Total	136	136	139

Blue Mountain Peak :—7,423 feet.

Day.	Hour.	Temp.	Extreme Temps. since last reading. Max.	Extreme Temps. since last reading. Min.	Total Rain since last reading.
		°	°	°	In.
Mar. 31.	11.30 a.m.	66	70.9	43.8	6.15

United States Station, Halfway Tree.

March, 1900.	8 a. m.	8 p. m.
Bar-Pressure	29.995	29.955
Temperature	74.9	75.5
Dew Point	64.5	66.3
Humidity	71	73
Cloud	4.0	2.1

	°
Mean Max. Temp.	84.6
Mean Min. Temp.	68.2
Mean Range	16.4
Extreme Temps. Max.	89 on the 20th
Extreme Temps. Min.	63 on the 14th

Mean Wind per diem 170 miles

Max. Wind : S.E., 28 miles per hour

Weather Report No. 251. Returns sent up too late for publication in that Report.	February, 1900. Total fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell
	In.	In.		
Shrewsbury	17.43	4.89	2	16
Dry Harbour	2.16	0.58	18	8
Kepp	0.00	...	...	...

MAXWELL HALL.

Montego Bay,

April 26th 1900.

It is requested that all Rainfall returns and other data for these Reports may for the future be sent to the Weather Office, Montego Bay.

M. H.

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Weather Bureau

NO. 253

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

APRIL, 1900.

METEOROLOGICAL RESULTS.

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

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

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

STATION.	Elevation.	Bar. Pressure		Temperature.					Extreme Temperature.				
		7. a.m.	3 p.m.	7 a.m.	3. p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	in.	in	°	°	°	°	°	°		°		°
Morant Point Light House	8	29.935	29.857	...	...	...	...		...	...	...	...	...
Negril Point Light House	33	29.940	29.886	76.8	82.4	85.0	71.4	13.6	88	11	64	7	24
Kings House	400	...	...	72.6	81.2	88.0	64.4	23.6	90	1*	53	22	37
Castleton Gardens	496	...	...	69.8	80.7	85.5	64.4	21.1	88	19*	54	8	34
Hope Gardens	600	...	...	73.2	83.3	86.8	66.1	2.70	92	24	61	9	31
Stony Hill Reformatory	1400	...	..	67.2	80.0	83.6	63.3	20.3	86	1*	59	7*	27
Hill Gardens	4907	25.233	25.195	60.0	65.0	68.3	56.4	11.9	73	29	52	6	21

STATION.	Elevation.	Dewpoint and Humidity				Rainfall.	Wind per diem	Wind: direction (from and miles per hour.)				Amount of Cloud. Lower, Middle, and Upper.					
		7. a. m.		3 p. m.				7. a. m.		3 p. m.		7 a. m.			3 p. m.		
		°		°		in.	miles.		m.		m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	...	...	...	...	6.77	...	var.	10.4	var.	12.7	2.3	2.2	1.1	2.3	2.3	0.9
Negril Point Light House	33	71.8	84	78.8	75	2.89	232	var.	7.7	var.	13.6	0.7	2.1	2.1	1.2	9.4	1.0
Kings House	400	69.1	87	73.4	69	2.64	...	...	...	...	...	...	...	...	...	...	...
Castleton Gardens	496	67.2	90	74.4	76	4.26	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens	600	67.8	84	73.1	72	2.72	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Reformatory	1400	64.7	91	72.2	77	3.14	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens	4907	56.3	86	61.3	87	3.31	...	...	...	...	...	...	...	...	...	...	...

*And on other days.

RAINFALL FOR APRIL, 1900.

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, 1900. Total Fall.	Greatest Fall in 24 Hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Hordley	6.69	2.60	24	10	5.40
Manchioneal	12.53	5.00	26	5	7.44
Fair Prospect	6.82	2.00	24	11	...
Bath	5.70	1.04	25	18	6.48
Moore Town	15.02	4.00	24	12	...
Port Antonio	9.85	5.10	24	10	6.42
Fellowship	17.21	6.25	3	12	10.47
Johnson River Bridge	12.28	5.09	25	11	...
Shrewsbury	11.78	4.40	3	10	...
Cedar Valley, St. Thomas	10.42	4.50	24	8	3.02
Hill Gardens	3.31	1.12	24	14	6.80
Resource	1.99	...	...	...	...
Buff Bay	6.95	4.18	3	7	7.44
Avocat	5.04	1.40	23	9	...
Hardware Gap	3.80	1.10	16	7	7.30
Annotto Bay	7.95	4.20	3	8	4.64
Stony Hill Reformatory	3.14	0.80	25	11	5.61
Castleton Gardens	4.26	1.50	3	17	7.07
Lawrence Tavern	4.93	1.80	3	8	3.87
Carew Castle	...	...	...	...	...
Water Valley	7.55	4.00	6	10	...
Richmond, St. Mary	3.86	2.10	3	8	5.40
Kendal, St. Mary	4.90	1.29	4	6	...
Quebec	....	....	...	...	3.87
Gayle P. W. D.	4.31	1.70	3	9	5.23
Rio Hoe	3.13	1.65	3	8	4.60
Unity Valley	5.68	1.81	21	6	4.84
Moneague	3.78	1.22	3	9	4.34
Claremont	4.14	2.06	3	6	5.17
Albion	4.85	1.38	22	8	4.68
Averham Park	4.21	2.50	3	7	5.13
Ballintoy	4.27	1.01	1	10	3.10
Means	6.14	...	...	...	5.66

Northern Division.	April, 1900. Total Fall.	Greatest Fall in 24 hours. Amount.	Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Port Maria	2.65	0.86	3	8	3.64
Ocho Rios	4.50	1.50	3	6	...
Drax Hall	3.68	1.52	3	8	3.03
St. Ann's Bay	3.85	1.30	26	10	2.96
Richmond Estate	3.68	1.44	3	6	3.29
Llandovery	3.71	1.40	23	4	3.30
Southfield	5.95	1.75	3	12	..
Browns Town	1.92	1.24	3	4	3.86
Hyde Park	1.62	0.81	14	3	...
Dry Harbour	2.95	2.00	26	4	...
Chewmagna	4.13	1.92	13	8	...
Home Castle	4.70	1.75	3	6	3.57
Richmond Pen	2.17	1.45	13	6	4.12
Mahogany Hall	2.88	0.69	22	9	4.02
Brampton Bryan	2.59	1.00	24	4	2.21
Bryan Castle	3.09	1.17	25	5	2.17
Braco	2.05	1.10	25	5	2.51
Arcadia	2.74	1.23	25	6	2.53
Harmony Hall	1.16	0.35	25	7	2.27
Lancaster	1.28	0.55	25	5	2.57
Vale Royal	2.64	0.91	25	7	3.17
Colchis Pen	1.26	0.36	19	8	3.23
Hyde	2.44	0.70	18	8	3.52
Georgia	1.13	0.40	24	5	2.71
Long Pond	1.65	0.56	24	6	...
Steelfield	1.45	0.50	18	6	2.72
Oxford	1.50	1.00	24	3	2.60
Cambridge	1.55	1.30	24	2	3.14
Lottery	1.63	1.30	24	4	2.39
Falmouth P. W. D.	3.22	1.17	2	8	2.33
Holland Pen	3.05	1.00	24	5	2.53
Golden Grove, Trelawny	2.25	1.20	24	10	2.83
Filston	4.11	1.70	24	9	3.02
Orange Valley	....	....	...	...	2.29
Kent	3.94	1.40	3	5	2.50
Dundee	5.01	1.50	3	7	2.58
Phœnix	3.77	1.00	22	11	4.75
Gales Valley	3.60	1.50	22	4	3.38
Canaan	3.30	1.50	22	7	3.97
Lima	2.00	0.50	24	7	...
Guilsbro'	2.94	0.86	9	10	3.40
Leogan	1.80	0.90	8	4	2.98
Success	0.78	0.38	2	4	2.51
Cinnamon Hill	1.45	0.70	2	4	1.94
Rose Hall	1.04	0.68	2	4	1.83
Running Gut	1.60	0.50	2	5	1.67
Spring	...	...	...	...	1.38
Ironshore	2.16	0.68	12	6	2.27
Montego Bay	5.05	2.70	12	11	3.25
Fairfield, St. James	4.20	1.10	12	9	3.22
Anchovy	4.87	1.75	24	7	3.44
Round Hill	3.25	0.80	12	8	2.49
Sandy Bay	0.00	0.00	...	0	3.16
Lucea	2.66	0.00	24	11	2.86

Central Sub-Division.	April, 1900. Total Fall.	Greatest Fall in 24 hours. Amount.	Greatest Fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average.
	In.	In.			In.
Headworks Rio Cobre Canal	3.95	0.95	4	11	3.79
Linstead	4.75	1.20	13	12	4.57
Point Hill	5.74	1.82	9	10	5.96
Worthy Park	4.46	1.19	1	10	3.60
Chapelton	6.22	1.30	29	10	3.61
Lower Chapelton	6.58	1.32	29	13	5.59
Savoy House	7.33	1.35	29	16	...
Mears	18.49	3.24	15	15	...
Cave Valley	7.31	2.66	1	8	5.48
Means	8.06	...	...	...	3.15
West Central Division.					
Mocho	6.70	1.80	28	6	...
Baillieston	9.86	4.00	1	9	..
Farm Plantation	7.42	3.90	24	8	1.72
Brokenhurst	...	....	...	...	4.93
Christiana	11.11	2.05	1	16	8.38
Kendal, Manchester	8.77	2.85	24	11	8.40
Mandeville P. W. D.	13.98	4.62	24	15	4.98
Carlton, Mandeville	13.75	4.67	24	13	...
Fairfield, Manchester	6.66	3.08	24	18	...
Ulster Spring	5.50	1.65	13	7	8.44
Troy	7.09	1.69	11	12	11.92
Fontabelle, Trelawny	9.90	3.30	24	11	4.75
Windsor Pen, Trelawny	7.71	1.92	24	10	6.91
Balaclava	6.36	1.56	18	8	11.19
Elim	9.50	3.53	13	8	12.92
Appleton	9.52	2.36	16	14	10.24
Maggotty	7.19	1.69	16	13	10.45
Spring Vale, St. James	6.11	3.45	13	8	5.44
Maroon Town, St. James	3.30	1.00	12	8	8.18
Kempshot	12.16	6.15	13	13	5.51
Kepp	...	...	...	...	9.57
Kew Park†	12.91	3.89	16	17	8.52
Hazelymph	6.07	0.18	12	13	6.30
King Gate	8.19	0.90	24	8	...
Darliston	15.42	3.66	16	17	11.53
Whithorn	10.52	2.18	16	14	6.82
Galloway	8.34	1.98	16	12	...
Lethe Bridge	7.73	2.15	3	10	5.27
Copse	12.15	3.20	3	19	5.71
Cacoon Castle	12.69	3.28	12	14	5.58
Great Valley	9.28	1.51	24	11	7.45
Brownsville	8.61	1.56	12	11	...
Morgan's Bridge	5.03	1.20	10	14	4.69
King's Valley	7.72	1.90	22	15	6.12
King's Vale Police Station	8.03	1.80	22	13	...
Means	8.97	...	...	...	7.62

Southern Division.	April, 1900. Total Fall.	Greatest Fall in 24 hours. Amount	Greatest Fall in 24 hours. Date.	Days on which 0.01 or more fell.	Average
	In.	In.			In.
Morant Point Light House	6.77	4.66	25	12	3.03
Morant Bay	4.70	2.24	23	6	2.63
Easington	5.29	2.00	23	9	1.50
Bull Bay	3.60	1.70	23	6	0.45
Gordon Town	2.91	0.57	14	12	3.92
Hope Gardens	2.72	0.80	4	8	2.93
King's House	2.64	0.52	15	8	2.48
Monaltrie	....	....	...	...	1.65
Halfway-Tree	2.38	0.84	24	5	1.61
Lunatic Asylum	1.74	0.68	24	6	...
Kingston Gardens	1.54	0.73	23	5	....
Public Works Office, Kingston	1.27	0.71	23	4	1.05
Plumb Point Light House	1.64	0.80	23	5	1.06
Port Royal, Naval Hospital	2.33	0.70	8	7	...
Ferry	3.77	0.83	26	6	2.41
Lawrence field	2.76	1.20	2	5	...
Spanish Town	2.75	1.11	1	6	2.18
Hog Hole Pen	3.50	0.50	15	7	3.13
Browns Hall	5.41	1.14	4	10	...
Old Harbour	4.19	2.27	1	7	3.09
May Pen	3.68	1.32	1	8	2.47
Hermitage, Clarendon	4.72	1.37	1	6	...
Denbigh	2.40	1.15	4	4	2.40
New Yarmouth	4.51	1.50	24	6	2.14
Rest	2.53	0.90	1	6	...
Victoria Town	3.89	1.23	24	7	4.49
Stone's Hope	6.97	3.40	23	10	4.44
Newport, Manchester	8.31	4.00	24	9	4.43
Alligator Pond	4.38	2.07	2	4	3.85
Potsdam	2.86	0.75	4	8	4.39
Long Hill	3.75	1.06	4	7	7.38
Pepper	8.40	2.50	3	10	8.85
Torrington	3.08	0.95	4	9	4.44
Bethlehem, St. Elizabeth	1.83	0.59	4	11	...
Santa Cruz	8.79	2.10	14	11	9.26
Pedro Plains	2.45	0.81	24	5	...
Black River	4.86	2.29	15	7	4.08
Font Hill	5.75	2.10	15	7	3.34
Peter's Ville	8.40	2.47	5	15	7.07
Salem	5.96	1.43	12	12	..
Mount Edgecombe	4.15	1.09	15	11	5.19
Sweet River	6.06	2.40	16	6	5.36
Cornwall	8.69	3.90	16	9	...
Windsor, Sav.-la-Mar	6.33	3.14	16	9	4.93
Sav.-la-Mar P. W. D.	4.28	1.61	16	6	5.58
Retreat	....	....	...	...	5.23
Negril Point Lighthouse	2.89	1.09	21	6	...
Means	4.50	...	...	.	3.82

†Guage ran over on 16th.

NOTES.

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Weather Bureau

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	April. 1900. In.	April. Average. In.
North Eastern Division -	6.14	5.66
Northern -	3.06	3.18
West Central -	8.97	7.62
Southern -	4.50	3.82
Means -	5.66	5.07

The Rainfall for April was therefore a little above the average for the whole Island. In the North-Eastern and West Central Divisions there was a large rainfall at several places, the greatest being 17.21 at Fellowship. At Sandy Bay no rain fell.

THE HEALTH OF KINGSTON.

The following Table shows the number of deaths in Kingston during the month from a few groups of diseases, compared with the average number.

	April. 1900.	Average. 1890 to 1899	Average. 1881 to 1890.
Infantile diseases not otherwise specified	29	26	32
Lung disease -	17	20	17
Fever and Malaria -	16	8	7
Dysentery and Diarrhœa -	7	13	15
Various -	34	69	68
Total -	103	136	139

Blue Mountain Peak :—7,423 feet.

Day.	Hour.	Temp.	Extreme Temps. since last reading. Max.	Extreme Temps. since last reading. Min.	Total Rain since last reading.
		°	°	°	In.
May 1.	10.30 a.m.	66	72.9	37.8	27.15

United States Station, Halfway Tree.

April, 1900.	8 A. M.	8 P. M.
Bar-Pressure -	29.964	29.923
Temperature -	70.4	71.3
Dew Point -	67.1	69.0
Humidity -	71.3	79
Cloud -	2.5	3.0

	°
Mean Max. Temp.	85.4
Mean Min. Temp.	69.5
Mean Range	15.9
Extreme Temps. Max.	89 on the 19th
Extreme Temps. Min.	64 on the 7th

Mean Wind per diem 170 miles

Max. Wind : S.E., 28 miles per hour

Weather Report No. 252. Returns sent up too late for publication in that Report.	March, 1900. Total fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which 0.01 or more fell
	In.	In.		
Denbigh -	0.60	0.35	16	2
-				
-				

MAXWELL HALL.

Montego Bay,

May 23rd 1900.

It is requested that all Rainfall returns and other data for these Reports may for the future be sent to the Weather Office, Montego Bay.

M. H.