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JAMAICA

WEATHER REPORT

FOR THE MONTH OF

JANUARY, 1899.

KINGSTON :—METEOROLOGICAL OBSERVATIONS.

Elevation above Sea-level 50 feet.

Day.	Bar. Pressure. 7 a.m.	Bar. Pressure. 3 p.m.	Temperature. 7 a.m.	Temperature. 3 p.m.	Temperature. Max.	Temperature. Min.	Temperature. Range.	Dew Point and Humidity. 7 a.m.		Dew Point and Humidity. 3 p.m.		Rainfall.	Wind per diem.	Wind: Direction (from) and miles per hour. 7 a.m.		3. p.m.	
	In.	In.	°	°	°	°	°	°		°		In.	Miles				
1	30.013	29.914	70.6	84.3	86.0	68.9	17.1	67.3	89	69.0	61	0.00	21	N	1	S	1
2	.025	.913	71.1	82.1	84.7	68.9	15.8	68.1	90	72.6	71	0.08	11	N	1	N	1
3	.044	30.003	69.2	79.3	86.2	68.3	17.9	67.4	95	72.2	79	0.12	21	Z	0	NW	3
4	.047	29.959	68.6	81.5	83.8	68.3	15.5	66.6	93	70.0	68	0.03	33	Z	0	ESE	3
5	29.992	.915	68.7	86.4	88.8	67.7	21.1	65.3	89	67.3	53	0.00	39	NW	1	SW	2
6	.994	.911	67.8	83.1	86.3	67.2	19.1	63.0	85	69.1	63	0.00	58	NW	1	SE	4
7	30.026	.947	70.1	85.6	87.4	69.3	18.1	63.4	79	67.1	54	0.00	40	N	1	S	1
8	29.985	.923	69.1	85.0	86.4	69.2	17.2	62.8	81	68.0	57	0.00	35	N	1	SE	6
9	.984	.999	67.8	84.6	86.9	67.1	19.8	63.9	87	66.8	55	0.00	35	N	1	E	2
10	.965	.913	68.8	83.4	86.2	67.2	19.0	61.9	79	69.7	63	0.00	46	NW	1	SSE	8
11	.993	.913	71.1	85.1	87.3	69.0	18.3	64.9	81	69.8	60	0.00	28	N	2	S	2
12	.959	.882	69.8	85.5	88.4	69.6	18.8	64.8	84	70.5	61	0.20	36	Z	0	S	2
13	.982	.947	69.7	80.6	81.2	68.9	12.3	67.6	94	69.0	68	0.00	29	NW	1	SE	4
14	30.054	.981	69.8	82.7	85.8	69.1	16.7	67.5	92	69.6	65	0.01	32	N	1	SE	6
15	.059	.971	71.2	84.9	85.8	70.0	15.8	67.9	89	69.7	65	0.05	66	N	1	SE	12
16	.015	.961	70.8	82.9	84.7	69.9	14.8	65.2	82	64.4	54	0.00	70	N	1	SE	13
17	.030	.914	68.8	80.8	86.4	67.9	18.5	61.0	76	66.9	63	0.00	36	N	1	SE	6
18	29.975	.897	72.6	78.7	84.4	70.8	13.6	64.2	75	69.7	74	0.23	47	N	1	E	4
19	.975	.902	70.8	79.8	83.4	69.2	14.2	67.7	90	67.9	67	0.00	39	N	1	E	4
20	.985	.895	69.3	78.7	82.7	67.7	15.0	60.9	75	66.2	66	0.00	55	N	2	ESE	4
21	30.001	.894	65.8	84.0	87.3	64.6	22.7	58.7	78	66.4	56	0.00	63	N	1	ESE	6
22	29.978	.928	69.4	82.7	86.2	68.2	18.0	62.5	79	69.0	63	0.00	41	N	1	SE	8
23	.982	.878	68.4	82.3	86.3	67.3	19.0	63.2	83	67.5	61	0.00	73	N	1	SE	10
24	.937	.888	70.8	81.2	85.0	70.0	15.0	68.9	94	66.8	62	0.06	55	N	1	SE	4
25	.965	.908	68.8	81.5	85.3	67.1	18.2	61.9	79	69.6	67	0.00	96	N	2	SE	13
26	.974	.879	68.9	82.2	85.7	68.2	17.5	64.1	85	70.2	67	0.00	84	N	1	SE	12
27	.947	.887	71.7	80.5	85.7	68.0	17.7	62.1	72	65.2	60	0.00	93	N	1	SE	11
28	.918	.934	77.1	81.4	85.6	75.6	10.0	66.2	69	65.8	59	0.00	79	SE	4	SE	8
29	.966	.902	67.8	80.6	85.6	66.8	18.8	59.8	76	67.7	65	0.00	71	N	2	SE	5
30	30.004	.950	71.3	76.2	85.2	66.1	19.1	62.1	73	69.2	78	0.00	61	N	1	SE	14
31	29.969	.921	68.0	83.1	85.2	67.4	17.8	63.3	85	69.2	63	0.00	61	N	1	SE	5
Means.	29.992	29.924	69.8	82.3	85.7	68.5	17.2	64.3	83	68.5	64		50.1	N	1.1	SE	5.8
Total ...	...	...	...	...	...	...	...	...	...	...	...	0.78	...		...		

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National Oceanic and Atmospheric Administration

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Beltsville, MD 20704-1387
March 28, 2002

KINGSTON :—METEOROLOGICAL OBSERVATIONS.

Day.	Clouds (in tenths of the sky) 7 a.m. Lower.	7 a.m. Middle.	7 a.m. Upper.	3 p.m. Lower.	3 p.m. Middle.	3 p.m. Upper.	Weather: Remarks, &c.
1	...	3 Alt. c.	...	...	2 Cum.	1 Cir. N	Fine.
2	...	1 Cum. E	3 Cir. s. E	3 Str. c. SE 3 Alt. s.	1 Cum.	1 Cir. s.	Fair a.m. Raining p.m. R. at intervals from 11.37 a.m. to 4.17 p.m. and during the night.
3	...	1 Cum. SE	...	6 Str. c. 2 Alt. s.	1 Cum. E	...	Fine a.m. Cloudy p.m. R. at 12·39 to 1.6 p.m., and at 2.42 to 2.57 p.m., and from 3.14 to 4.35 p.m. and during the night.
4	...	1 Cum. SE	...	1 Str. c. SE	1 Cum. SE	2 Cir. s.	Fine. Light R. at 12.7 to 12.18 p.m., and at intervals to 2.16 p.m. R. at 3.39 to 4 p.m.
5	...	2 Cum. SE	...	...	3 Cum. E	...	Fine.
6	...	1 Cum. E	1 Cir. E	...	2 Cum.	...	Fine
7	...	1 Cum.	1 Cir.	...	2 Cum. SE	...	Fine.
8	...	...	...	...	2 Cum. SE	2 Cir. SE	Fine.
9	...	...	...	3 Str c. SE	1 Cum.	4 Cir. s. SE	Fine a.m. Cloudy p.m.
10	...	...	...	...	1 Cum. SE	2 Cir.	Fine.
11	...	...	9 Cir.	2 Str. c. SE	1 Cum.	5 Cir.	Cloudy.
12	1 Str.	1 Cum.	...	...	2 Cum. SE	2 Cir.	Fine. Squall S.E. at 4.20 p.m. R. at 9.16 to 10.21 p.m. and at intervals during the night
13	1 Str.	3 Alt. c. 2 Cum.	1 Cir.	4 Str. c. E	2 Alt. c. 1 Cum. E	2 Cir. SE	Cloudy.
14	...	1 Cum.	1 Cir.	1 Alt. s. 3 Str. c. SE	2 Cum. SE	2 Cir.	Fine a.m. Cloudy p.m. R. at 3.5 to 3.8 p.m.
15	3 Str. c.	2 Cum. E	2 Cir. s.	...	3 Cum. SE	...	Cloudy. Light R. at 7.27 to 7.38 a.m.
16	...	1 Cum.	...	...	1 Cum.	2 Cir.	Fine.
17	...	...	8 Cir.	7 Str. c. SE	...	1 Cir. s.	Cloudy.
18	...	1 Cum.	1 Cir.	...	2 Cum.	...	Fine. Squall from E.S.E. with R. at 11.55 a.m. to 12.7 p.m., and at 1.30 to 1.47 p.m and during the night.
19	8 Str. c. E.	1 Cum.	...	2 Alt. s. 2 Str. c. 1 Str.	1 Cum.	4 Cir. s.	Cloudy.
20	3 Str. c. E.	...	3 Cir. s.	5 Str. c. SE	1 Cum.	3 Cir. SE	Cloudy.
21	...	1 Cum.	...	2 Str. c. SE	2 Cum. SE	8 Cir. SE	Fine a. m. Cloudy p.m. Slight shock of earthquake 9.35 a.m.
22	...	2 Cum.	6 Cir.	4 Str c. SE	2 Cum.	1 Cir.	Cloudy.
23	...	1 Cum.	9 Cir.	...	1 Cum.	8 Cir.	Cloudy.
24	2 Frac. s. 5 Str. c.	2 Cum.	...	1 Str. c.	2 Cum.	7 Cir. s.	Cloudy. Squall with R. at 5.16 a.m.
25	...	1 Cum.	8 Cir.	...	2 Cum. SE	2 Cir.	Cloudy a.m. Fine p.m.
26	...	1 Cum.	3 Cir.	...	1 Cum. SE	4 Cir. SE	Fine a.m. Fair p.m.
27	3 Str. c.	5 Alt. c. 1 Cum.	...	8 Str. c.	...	...	Cloudy.
28	...	1 Cum. SE	9 Cir.	...	1 Cum.	9 Cir.	Cloudy.
29	...	...	1 Cir.	...	1 Cum.	2 Cir.	Fine.
30	2 Str.	...	3 Cir.	8 Str c. SE	1 Cum. SE	...	Fair a.m. Cloudy p.m.
31	...	1 Cum.	...	...	1 Cum.	...	Fine
Means	.9	1.2	2.2	2.2	1.5	2.2	

JAMAICA METEOROLOGICAL RESULTS.

Station.	Elevation.	Bar. Pressure. 7 a.m.	Bar. Pressure. 3 p.m.	Temperature. 7 a.m.	Temperature. 3 p.m.	Temperature. Max.	Temperature. Min.	Temperature. Range.	Extreme Temperature. Max.	Date.	Min.	Date.	Range
	ft.	In.	In.	°	°	°	°	°	°		°		°
Morant Point L. H.	8	29.974	29.928	...	...	...	...	...	...	...	..	...	...
Negril Point L. H.	33	29.981	29.927	70.9	80.7	83.8	68.9	14.9	85.9	5, 12	65.7	10	20.2
Kingston ...	50	29.992	29.924	69.8	82.3	85.7	68.5	17.2	88.8	5	64.6	21	24.2
Castleton Gardens...	496	30.020	29.935	65.7	78.8	83.9	61.3	22.6	87	12, 26	58	21, 23	29
Hope Gardens ...	600	...	...	64.8	78.1	85.0	65.4	19.6	90	7	61	17	29
Stony Hill Refty. ...	1,400	...	...	66.9	76.7	81.3	63.4	17.9	84	1, 10	60	17,23	24
Hill Gardens ...	4,907	25.256	25.208	57.1	63.6	67.4	54.3	13.1	72	9	52	17*	20

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.

Station.	Elevation.	Dewpoint and Humidity. 7 a.m.		3 p.m.		Rain-fall.	Wind per diem.	Wind: direction (from) and miles per hour. 7 a.m.		3 p.m.		Amount of Cloud. Lower, Middle, and Upper. 7 a.m. L.	M.	U.	3 p.m. L.	M.	U.
	ft.	°		°		In.											
Morant Point L.H.	8	...	...	...	...	5.78	...	NE	7.3	NE by E	12.6	3.9	2.4	1.0	3.5	2.1	0.8
Negril Point L. H.	33	66.9	87	69.6	70	3.91	213.8	NE by E	8.4	Var.	10.6	1.6	2.8	2.2	2.6	4.5	1.3
Kingston ...	50	64.3	83	68.5	64	0.78	50.1	N	1.1	SE	5.8	0.9	1.2	2.2	2.2	1.5	2.2
Castleton Gardens...	496	63.1	89	70.5	72	10.37	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens ...	600	61.3	87	70.4	76	1.47	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Refty. ...	1,400	64.4	93	72.3	86	3.45	...	...	...	...	...	...	...	...	...	...	..
Hill Gardens ...	4,907	53.8	88	59.6	84	14.54	27.2	E	...	E	...	...	...	...	...	...	...

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.

* And 8 other days.

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 for the Month for the ten years 1881-1890:—

		January. 1899.	Average.
Infantile diseases not otherwise specified	...	24	21
Lung diseases	...	29	19
Fever and Malaria	...	15	10
Dysentery and Diarrhœa	...	4	9
Various	...	56	58
Total	...	128	117

BLUE MOUNTAIN PEAK:—ELEVATION 7,423 FEET.

Day.	Hour.	Temperature. Max.	Temperature. Min.	Temp.	Rain.	Remarks.	Observers' Initials
1899.		°	°	°	in.		
February 1st ...	11.30 a.m.	69.9	38.8	56	24.87	Cloudy.	J. W.

Rainfall for January, 1899.

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.

North-Eastern Division.	January. 1899. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which .01 or more fell.	Average.
	In.	in.			in.
Hordley	4.26	2.02	2	8	6.69
Manchioneal P.W.D.	8.31	2.00	12	25	...
Fair Prospect P.W.D.	10.88	2.70	12	20	...
Bath P. W. D.	9.82	1.71	12	23	...
Moore Town P. W. D.	20.65	4.42	3	20	...
Port Antonio P. W. D.	10.65	2.67	12	24	10.02
Fellowship P. W. D.	...	...	...	..	..
Johnson River Bridge	6.32	1.00	12	20	..
Burlington	...	...	...	...	...
Shrewsbury P. W. D.	15.73	2.72	4	19	...
Cedar Valley P. W. D.	8.03	1.05	18	20	...
Green Vale	...	...	...	...	...
Hill Gardens*	14.54	5.15	2	15	8.32
Resource	5.75	...	...	...	...
Buff Bay P. W. D.	8.14	1.50	4	21	...
Cold Spring	...	...	...	...	...
Avocat P.W.D.	19.51	5.80	3	10	...
Hardware Gap P.W.D.	8 39	4.70	2	8	...
Rose Hill	...	...	...	...	...
Annotto Bay P. W. D.	6.24	2.05	4	15	...

North-Eastern Division, *contd.*	January. 1899. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which .01 or more fell.	Average.
	In.	in.			in.
Stony Hill Rfty	3.45	1.55	2	5	4.31
Castleton Gardens	10.37	3.00	2	8	8.36
Lawrence Tavern PWD	2.70	1.00	2	6	...
Water Valley PWD	...	...	...	...	...
Quebec	...	...	...	...	8.17
Richmond P. W. D.	7.05	2.36	4	26	...
Albany P.W.D.	6.56	2.16	4	16	...
Gayle	4.75	1.35	4	7	8.21
Gayle P. W. D.	5.62	1.45	4	13	...
Rio Hoe	4.34	1.36	2	10	6.05
Unity Valley	4.30	1.44	2	16	5.28
Moneague P.W.D.	4.08	1.06	2	12	...
Claremont	...	...	...	...	...
Albion	5.02	1.31	4	11	5.35
Averham Park	5.70	1.73	2	16	5.64
Ballintoy P.W.D.	4.89	2.50	3	4	...
Means	6.74	...	...	...	6.82
Northern Division					
Port Maria P.W.D.	4.78	.85	15	18	7.60
Ocho Rios P.W.D.	3.69	.90	4	10	...
Drax Hall	2.63	.78	5	11	7.08
St. Ann's Bay P.W.D.	3.78	.72	4	24	...
Seville	...	...	..	...	6.01
Richmond Estate	3.15	.67	5	15	6.38
Llandovery	2.96	.64	2	8	6.19
Brown's Town P.W.D.	4.71	1.55	2	8	...
Dry Harbour P.W.D.	2.13	1.20	1	3	...
Chewmagna P. W. D.	2.35	.78	2	5	...
Home Castle	2.66	.84	1	7	5.41
Richmond Pen	.80	.15	4	7	4.49
Mahogany Hall	3.04	1.66	2	8	4.30
Brampton Bryan	1.20	.65	1	6	4.40
Bryan Castle	2.20	1.08	1	7	4.37
Braco	2.30	1.58	1	5	4.37

*Fomerly called Cinchona Plantation.

Northern Division, *contd.*	January. 1899. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which .01 or more fell	Average.
	In.	in.			in.
Arcadia	1.41	.76	1	5	4.93
Arcadia Great House	1.41	.76	1	5	...
Harmony Hall	...	...	...	...	3.93
Lancaster	2.38	1.55	1	5	4.73
Vale Royal	1.86	.81	1	10	5.09
Colchis Pen	1.20	.70	3	2	2.91
Hyde	1.83	.55	1	8	5.12
Georgia	2.21	1.59	2	4	4.05
Long Pond	...	...	...	...	...
Steelfield	2.33	1.60	1	8	4.85
Oxford	1.86	1.60	1	3	4.11
Cambridge	2.23	1.35	1	7	5.29
Dry Valley	...	...	...	...	...
Lottery	1.50	1.12	2	4	4.08
Falmouth	1.15	..	...	...	3.46
Falmouth P.W.D.	.80	.25	1	6	...
Fontabelle	3.20	1.70	1	7	...
Holland Pen	.70	.40	19	2	2.98
Golden Grove	1.60	...	...	...	2.89
Green Park	...	...	...	...	4.19
Tilston	1.50	...	...	...	3.45
Weston Favell	...	...	...	...	3.24
Orange Valley	.93	...	...	...	3.64
Kent	.81	...	...	...	4.35
Dundee	.60	...	...	...	4.07
Phœnix	1.82	.70	19	6	3.62
Gale's Valley	1.80	...	...	...	3.26
Greenwood	.78	...	...	...	3.27
Canaan	2.31	1.68	19	3	...
Lima	1.45	1.00	19	3	...
Guilsbro'	2.20	...	...	...	2.84
Leogan	...	...	...	...	5.60
Success	1.70	.80	19	4	...
Cinnamon Hill	1.60	.70	19	4	3.04
Rose Hall	1.41	.45	19	4	3.40
Spring	2.10	...	...	...	...
Ironshore	2.18	...	...	...	2.77
Friendship	...	...	...	...	...
Providence	...	...	...	...	3.15
Montego Bay P.W.D.	3.38	2.34	19	7	...
Catherine Hall	3.90	...	...	...	3.71
Fairfield	...	...	...	...	3.38
Sandy Bay P.W.D.	7.45	5.11	19	5	...
Lucea P.W.D.	3.89	1.94	19	7	...
Central Sub-Division—					
Headworks R.C.C.	1.90	.84	8	9	2.57
Linstead P.W.D.	...	...	...	...	2.63
Point Hill P.W.D.	...	...	...	...	...
Harker's Hall P.W.D.	...	...	...	...	...
Worthy Park	2.53	.53	2, 12	12	.
Kelletts P.W.D.	...	...	...	...	...
Chapelton P.W.D.	1.86	.46	12	7	2.55
Danks Savoy	2.11	.57	11	7	..
Mears P.W.D.	3.01	.53	11	14	...
Cave Valley	.73	.24	5	4	2.45
Means	1.89	...	...	...	4.16

Northern Division, *contd.*	January. 1899. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which .01 or more fell.	Average.
	In.	in.			in.
West Cen. Division.					
Mocho P.W.D.	...	...	...	...	...
Baillieston P.W.D.	...	...	...	...	...
Farm Plantation	4.13	.97	18	12	2.68
Brockenhurst Pln.	...	...		...	5 33
Christiania P.W.D.	3.76	2.31	12	10	...
Kendal P.W.D.	1.97	.48	30	10	...
Mandeville P.W.D.	5.05	1.10	2	15	3.37
Carlton (Mandeville)	...	...	...	...	...
Ulster Spring P.W.D.	1.56	.47	3	11	...
Troy P.W.D.	...	...	...	...	...
Windsor Pen	1.29	.40	1	9	3.95
Balaclava P.W.D.	2.40	1.75	11	5	...
Elim	...	...	...	...	...
Appleton	...	...	...	...	2.21
Maggotty P.W.D.	6.13	.23	20	16	...
Spring Vale	...	...	...	.	4.68
Maroon Town	2.10	1.10	2	3	3.78
Kempshot	2.26	.70	19	8	3.91
Kepp	...	...	...	...	3.36
Kew Park	...	...	...	...	2.05
Hazelymph	2.17	1.25	11	6	...
King Gate P.W.D.	2.10	1.40	18	2	...
Windsor Forest	...	...	...	...	3.88
Shettlewood	...	...	...	...	...
Chester Castle	...	...	...	...	1.72
Darliston P.W.D.	2.92	.54	22	15	...
Whithorn, P.W.D.	2.45	1.10	15	9	...
New Galloway	2.54	1.22	15	10	...
Lethe Bridge	1.06	.60	19	3	...
Copse	...	...	...	.	2.92
Cacoon Castle	2.92	1.10	26	7	4.44
Golden Grove	...	...	...	...	3.08
Great Valley	4.21	2.35	19	5	...
Brownsville	3.07	1.54	19	11	...
George's Plain Estate	...	...	...	...	...
Fontabelle	...	...	...	...	2.14
Morgan's Bridge PWD.	4.04	.86	8	10	...
King's Valley	5.95	1.05	25	10	2.46
Dias, P.W.D.	4.53	2.75	19	7	...
Spring Hill	...	...	...	...	...
Abingdon	...	...	...	..	1.63
Means ...	3.39	...	...	...	3.51
Southern Division.					
Morant Point L.H. P.W.D.	5.78	1.89	13	21	4.10
Morant Bay P.W.D.	8.36	2.10	4	13	...
Easington P.W.D.	3.26	.50	12	17	..
Bull Bay P.W.D.	1.75	.65	1	6	...
Gordon Town P.W.D.	1.51	.38	4	7	...
Hope Gardens	1.47	.31	3	10	2.27
Hope Reservoir	...	...	...	...	...
Cherry Garden	...	...	...	...	2.62
King's House	1.52	.55	2	5	1.54
Cavaliers	...	...	...	...	...
Shortwood	...	...	...	...	...

Southern. Division, *contd.*	January. 1899. Total Fall.	Greatest fall in 24 hours. Amount	Greatest fall in 24 hours. Date.	Days on which .01 or more fell.	Average.
	In.	in.			in.
Constant Spring Reservoir	...	...	...	...	...
Constant Spring Estate	...	...	...	...	...
Monaltrie	1.34	.38	3	12	1.64
Halfway-Tree P.W.D.	1.20	.54	2	8	...
Lunatic Asylum	.81	.22	2	6	...
Kingston Gardens	.75	.21	12	5	...
Public Works Office Kn.	.78	.23	18	8	1.45
Plumb Point L. H.	.58	.21	12	6	1.03
Port Royal (Nav. Hos.)	.78	.16	23	9	..
Ferry P. W. D.	1.91	.80	3	4	...
Caymanas	...	...	...	...	...
Spanish Town P. W. D.	...	...	...	...	1.80
Windsor Park	...	...	...	...	1.50
Hog Hole Pen P.W.D.	...	...	...	...	2.02
Old Harbour P.W.D.	...	...	...	...	2.62
Somerset Hall	...	...	...	...	...
Moreland	4.00	2.70	18	7	...
May Pen P.W.D.	...	...	...	...	...
Amity Hall	5.30	2.00	18	8	...
Hermitage	...	...	...	...	...
Denbigh	3.45	.90	14	12	1.51
Yarmouth P.W.D.	4.49	1.05	17	11	...
Victoria Town P.W.D.	3.37	.97	18	9	...
Stone's Hope	4.34	1.35	18	14	3.49
Newport P.W.D.	3.73	1.07	18	12	...
Alligator Pond P.W.D.	1.90	.58	3	5	.
Southfield P.W.D.	2.41	.86	1	11	...
Potsdam	3.44	1.10	1	...	2.53
Long Hill	2.13	.91	1	13	2.25
Pepper	.68	.35	15	5	1.75
Torrington P.W.D.	2.23	.53	12	5	...
Santa Cruz P.W.D.	4.58	2.00	11	9	3.76
Black River P.W.D.	1.27	.30	4	9	1.72
Spring Hill	5.08	1.81	11	13	...
Whitehall	...	...	...	...	...
Font Hill	2.85	.65	12	7	...
Grand Vale	...	...	...	...	...
Peter's Ville	2.73	.91	4	11	...
Mount Edgecombe	3.45	1.07	4	13	1.89
Sweet River	3.34	1.06	15	9	2.09
Cornwall	1.85	.60	20	5	...
Windsor, Sav.-la-Mar	...	...	...	...	1.97
Sav.-la-Mar P.W.D.	2.44	.88	15	8	...
Retreat	1.56	.80	8	2	...
Negril Pt. Lighthouse	3.91	.74	22	17	...
Means. ...	2.54	...	...	...	2.20

Comparative Table of Rainfall.

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

	January. 1899.	Average.
	In.	In.
North Eastern Division	6.74	6.82
Northern "	1.89	4.16
West Central "	3.39	3.51
Southern "	2.54	2.20
Means	3.64	4.17

The greatest monthly fall, viz., 20.65 ins. was recorded at Moore Town and the least fall, viz.: 60 ins. was recorded at Dundee.

The greatest fall in 24 hours was 5.80 ins. at Avocat on the 3rd. The greatest number of days on which rain fell at any one place was 26 at Richmond. Three stations had in 24 hours falls of between 3 and 5 inches, and three stations had falls of over five inches in 24 hours.

The mean approximate rainfall as arrived at on the 6th instant (when a preliminary report on January was issued) was 3.32 inches. This result was obtained from 56 stations with "averages." The results shown in the Comparative Table now published are from 70 such stations, and show a rainfall for the Island of 3.64 inches, as compared with an average of 4.17 inches.

The result for each division for January shows as follows: In the S. Division the rainfall was a little over the average, although Kingston, Plumb Pt. and Pepper had only about one-half. The N.E. Division had about the average, Hill Gardens (or Cinchona Pln.) being however largely above and Gayle largely below the average. In the W.C. Division the fall was a little below, although King's Valley had more than double the average. In the N. Division the fall was less than half the average, although Catherine Hall had a little over its average. The mean result for the Island shows that the fall was one-eighth less than the average.

The following notes have come to hand:—

Gayle.—Mild weather—lowest 66°—7 a.m.

Rio Hoe.—Good showers during the month.

Moneague P.W.D.—Much rain first week of month, and cool and pleasant, outdoor Temp. 5.30 a.m. has frequently been 60°.

St. Ann's Bay, P.W.D.—Bar. at 7 a.m. 29.994 and at 3 p.m. 29.939 corr. to 32° sea level and gravity 45.° Indoor Temperature 7 a.m. 74° and at 3 p.m. 79.°

Farm Plantation.—Continual showers—very early spring—good show for pimento.

Mandeville, P.W.D.—Wet for January in second week.

Mount Edgecombe.—The rainfall has been unusually large for the month.

Earthquake.

Unity Valley.—A slight shock of earthquake felt on 21st about 9.40 a.m.

Moneague P.W.D.—Earthquake felt Saturday 21st January 9.24 a.m., telegraph time, one sharp shock, one second N.W. to S.E. apparently.

Spring Garden, (St. Andrew).—There was a sharp double shock of earthquake felt here on Saturday 21st at 9.40 a.m. which lasted between 6 and 7 seconds.—The second shock was heavier than the first.

This earthquake is reported to have been felt in Kingston at 9.35 a.m. The seismograph showed vibrations in a N.E. and S.W. line with an extreme length of .051 inches.

Aurora Borealis.

Windsor Pen (Trelawny).—The "Northern Lights" were distinctly visible on the evening of the 26th January. They extended from below the horizon in a N.W. by N. direction to the Zenith. The "streamers" were not observed to be accompanied by the usual wavy appearance. (*W. D. H*)

It is a most unusual event for the *aurora borealis* to be observed so far South as Jamaica, although the books state that it has occasionally been seen South of Cuba. From the *Introduction* to Volume II of these Weather Reports it would appear that this is only the second time it has been recorded as having been seen in Jamaica. It is there stated that "the aurora borealis was seen one night" in 1860.

Robt. Johnstone.

Weather Office, 14th February, 1899.

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JAMAICA

WEATHER REPORT

FOR THE MONTH OF

FEBRUARY, 1899.

KINGSTON :—METEOROLOGICAL OBSERVATIONS.

Elevation above Sea-level 50 feet.

Day.	Bar. Pressure. 7 a.m.	Bar. Pressure. 3 p.m.	Temperature. 7 a.m.	Temperature. 3 p.m.	Temperature. Max.	Temperature. Min.	Temperature. Range.	Dew Point and Humidity. 7 a.m.		Dew Point and Humidity. 3 p.m.		Rainfall.	Wind per diem.	Wind: Direction (from) and miles per hour. 7 a.m.		Wind: Direction (from) and miles per hour. 3. p.m.	
	In.	In.	°	°	°	°	°	°		°		In.	Miles				
1	30.016	29.942	69.6	83.5	86.4	68.7	17.7	64.1	83	69.1	62	0.00	67	N	1	SE	10
2	.028	.977	69.3	84.7	87.1	66.0	21.1	61.3	76	69.7	61	0.00	48	N	1	SE	5
3	.067	.968	68.8	84.1	86.8	67.0	19.8	60.8	76	67.0	57	0.00	57	N	1	SSE	5
4	.040	.979	68.0	81.6	85.4	65.0	20.4	57.6	69	67.7	63	0.00	67	N	2	SSE	8
5	.017	.971	71.5	83.5	84.9	68.3	16.6	65.4	81	68.1	51	0.00	78	N	2	ESE	10
6	29.977	.897	68.3	82.1	84.4	66.9	17.5	61.5	79	65.9	58	0.00	110	N	1	SSE	14
7	.972	.891	67.3	83.0	84.8	66.3	18.5	62.6	85	64.2	53	0.00	107	N	1	SE	15
8	30.006	.943	67.7	83.3	84.9	66.9	18.0	61.8	81	66.9	58	0.00	31	N	1	SE	4
9	.039	.960	69.4	85.6	87.4	68.6	18.8	65.2	87	65.2	54	0.00	23	N	1	ESE	4
10	.033	.973	69.6	82.8	85.6	68.7	16.9	62.9	79	67.6	60	0.00	77	N	1	SE	12
11	.048	.990	67.9	81.8	86.3	67.4	18.9	64.6	89	67.9	83	0.00	49	N	1	SE	13
12	.043	.971	69.1	76.1	81.7	68.2	13.5	64.6	85	69.9	81	0.33	30	Z	0	SE	2
13	.031	.982	68.2	79.2	82.5	67.1	15.4	66.0	93	68.7	70	0.00	19	Z	0	NE	2
14	.029	.964	69.6	84.2	87.7	68.9	18.8	65.9	88	66.1	55	0.02	10	N	2	SW	3
15	.024	.924	71.8	79.8	86.2	70.0	16.2	65.3	80	64.8	60	0.00	96	N	1	SE	13
16	29.996	.953	76.0	85.2	87.5	69.7	17.8	65.9	71	64.1	49	0.00	121	E	4	SE	15
17	30.029	.945	72.0	82.3	87.0	67.8	20.2	61.9	71	66.4	59	0.02	106	Z	0	SE	16
18	.025	.963	72.4	83.6	84.8	71.0	13.8	64.5	76	66.7	57	0.00	67	N	3	SE	8
19	29.999	.949	69.2	82.4	88.2	67.3	20.9	59.9	72	65.2	56	0.00	35	N	1	SSE	7
20	.983	.893	68.3	82.8	87.6	67.0	20.6	59.7	83	67.0	59	0.00	68	Z	0	SE	11
21	.958	.899	69.5	82.3	85.8	68.2	17.6	61.5	76	66.9	60	0.00	111	N	1	SE	10
22	.950	.885	68.6	82.6	84.5	68.3	16.2	62.5	81	65.4	56	0.00	138	N	1	SE	13
23	.969	.927	69.3	79.6	86.3	68.3	18.0	59.5	71	65.1	61	0.00	130	N	1	ESE	7
24	.990	.897	66.8	83.2	88.6	63.9	24.7	58.2	74	68.3	61	0.00	73	Z	0	SSE	9
25	.950	.880	68.3	85.7	87.4	65.7	21.7	61.9	80	68.6	57	0.00	91		0	S	6
26	30.011	.903	71.6	82.8	84.1	71.3	12.8	70.0	95	67.3	60	0.12	104	Z	0	SE	9
27	.019	.957	71.3	83.1	84.4	68.8	15.6	62.1	73	67.9	60	0.00	107		1	SE	10
28	.030	.917	67.2	82.2	85.8	65.8	20.0	62.3	84	68.4	63	0.00	120			ESE	6
Means.	30.010	29.935	69.5	82.6	85.9	67.8	18.1	62.9	80	67.0	60	...	76.4	N	1.0	SE by S	9.2
Total ...	...	...	...	...	...	...	...	...	...	...	...	0.49					

KINGSTON :—METEOROLOGICAL OBSERVATIONS.

Day.	Clouds (in tenths of the sky) 7 a.m. Lower.	7 a.m. Middle.	7 a.m. Upper.	3 p.m. Lower.	3 p.m. Middle.	3 p.m. Upper.	Weather: Remarks, &c.
1	8 Str.	1 Cum.	...	...	...	2 Cir. SE	Fair a.m. Fine p.m.
2	...	...	4 Cir.	...	2 Cum. E	...	Fair a.m. Fine p.m.
3	...	...	...	...	2 Cum. SE	1 Cir. SE	Fine.
4	...	...	...	1 Str. c. SE	2 Cum. SE	4 Cir. SE	Fine a.m. Cloudy p.m.
5	8 Str. c. SE	1 Alt. c. 1 Cum.	...	5 Str. c. SE	2 Alt. c.	2 Cir.	Cloudy. Squall from SE at 1.34 p.m.
6	...	1 Cum.	...	...	1 Cum. SE	1 Cir. SE	Fine
7	...	...	...	...	2 Cum. SE	...	Fine.
8	...	1 Cum. E	1 Cir. SSE	...	2 Cum. SE	...	Fine
9	...	1 Cum.	...	...	2 Alt. c. 1 Cum.	...	Fine.
10	...	1 Cum.	...	...	3 Alt. c. 1 Cum.	...	Fine a.m. Fair p.m.
11	...	1 Cum.	...	3 Str. c. SE	2 Cum. SE	2 Cir. SE	Fine a.m. Cloudy p.m.
12	...	2 Cum.	2 Cir.	2 Str. c. SE	2 Cum. SE	4 Cir. SE	Fair a.m. Cloudy p.m. R. at 11 to 11.27 a.m. Light showers at intervals from 2 to 2.44 p.m. R. at 3.20 to 3.48 p m.
13	...	3 Cum. E	1 Cir. s.	3 Alt. str. 5 Str. c. E 1 Str.	1 Cum.	...	Fair a. m. Cloudy p.m.
14	...	2 Cum.	...	3 Str. c. SE	2 Cum. SE	3 Cir. SE	Fine a.m. Cloudy p.m. Light R. at 5.7 with intervals to 8.25 p.m.
15	2 Str.	1 Alt. c. 1 Cum.	5 Cir.	...	2 Cum. SE	...	Cloudy a.m. Fine p.m.
16	...	1 Cum. E	...	...	2 Cum. SE	...	Fine.
17	...	...	7 Cir.	...	1 Cum. SE	1 Cir. SE	Cloudy a.m. Fine p.m. Light R. during the night.
18	...	2 Alt. c. SE 1 Cum. SE	4 Cir. SE	...	2 Cum. SE	6 Cir. SE	Cloudy.
19	1 Str.	1 Alt. c. 1 Cum.	3 Cir. s.	3 Str. c. SE	1 Cum. SE	5 Cir. SE	Cloudy.
20	...	...	...	...	2 Cum. SE	...	Fine.
21	...	1 Cum. SE	...	...	2 Cum. SE	...	Fine.
22	...	1 Cum. E	...	...	1 Cum. SE	1 Cir. SE	Fine.
23	...	1 Cum. E	...	6 Str. c. SE	1 Cum. SE	2 Cir.	Fine a.m. Cloudy p.m.
24	...	1 Alt. c.	...	...	1 Cum. SE	2 Cir. s. SE	Fine.
25	...	1 Cum.	...	1 Str. c. SE	2 Alt. c. 1 Cum.	2 Cir. s. SE	Fine a.m. Cloudy p.m.
26	5 Str. c. E 4 Alt. s.	...	...	..	1 Cum. SE	2 Cir. SE	Cloudy a.m. Fine p.m. Light R. during early morning. R. with squall from SE at 10.2 to 10.13 a.m.
27	...	1 Cum.	3 Cir.	...	1 Cum.	6 Cir.	Fine a.m. Cloudy p.m.
28	...	...	...	1 Str. c.	2 Cum. SE	2 Cir. SE	Fine a.m. Fair p.m.
Means	0.8	1.0	1.1	1.2	1.8	1.7	

JAMAICA METEOROLOGICAL RESULTS.

Station.	Elevation.	Bar. Pressure. 7 a.m.	Bar. Pressure. 3 p.m.	Temperature. 7 a.m.	Temperature. 3 p.m.	Temperature. Max.	Temperature. Min.	Temperature. Range	Extreme Temperature. Max.	Date.	Min.	Date.	Range
	ft.	In.	In.	°	°	°	°	°	°		°		°
Morant Point L. H.	8	29.989	29.950	...	...	...	...	...	...	...	...	...	...
Negril Point L. H.	33	30.003	29.947	70.4	81.0	83.6	67.9	15.7	88.6	24	63.5	19	25.1
Kingston ...	50	30.010	29.935	69.5	82.6	85.9	67.8	18.1	88.6	24	63.9	24	24.7
Castleton Gardens...	496	30.017	29.940	63.5	81.4	85.9	59.5	26.4	89	22	56	19	33
Hope Gardens ...	600	...	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Refty. ...	1,400	...	...	66.3	77.8	82.9	63.0	19.9	85	10, 11, 17	62	6*	23
Hill Gardens ...	4,907	25.260	25.219	57.3	64.0	67.7	53.9	13.8	72	11	50	8,23	22

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.

Station.	Elevation.	Dewpoint and Humidity. 7 a.m.	7 a.m.	3 p.m.	3 p.m.	Rainfall.	Wind per diem.	Wind: direction (from) and miles per hour. 7 a.m.	7 a.m.	3 p.m.	3 p.m.	Amount of Cloud. Lower, Middle, and Upper 7 a.m. L.	7 a.m. M.	7 a.m. U.	3 p.m. L.	3 p.m. M.	3 p.m. U.
	ft.	°		°		In.											
Morant Point L.H.	8	...	...	...	...	2.39	...	EbyN	11	EbyN	14	3.0	1.7	0.7	2.8	2.3	0.8
Negril Point L. H.	33	65.8	85	69.6	68	2.45	25.5	EbyN	10.1	Var.	14.8	0.9	2.9	0.2	1.1	6.0	0.2
Kingston ...	50	62.9	80	67.0	60	.49	76.4	N	1.0	SEbyS	9.2	0.8	1.0	1.1	1.2	1.8	1.7
Castleton Gardens...	496	60.6	90	65.7	70	3.56	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens ...	600	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Stony Hill Refty. ...	1,400	...	...	...	...	.55	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens ...	4,907	51.6	85	59.0	83	1.04	16.7	E	...	E	...	...	...	...	...	...	...

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.

* And 4 other days.

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 for the Month for the ten years 1881-1890:—

		February. 1899.	Average.
Infantile diseases not otherwise specified	...	30	24
Lung diseases	...	11	14
Fever and Malaria	...	5	8
Dysentery and Diarrhœa	...	5	12
Various	...	41	53
Total	...	92	111

BLUE MOUNTAIN PEAK:—ELEVATION 7,423 FEET.

Day.	Hour.	Temperature. Max.	Temperature. Min.	Temp.	Rain.	Remarks.	Observers' Initials
1899.		°	°	°	in.		
February 1st ...	11.30 a.m.	69.9	38.8	56	24.87	Cloudy	J. W.
March 1st ...	...	68.9	39.8	56	4.15	Fine	J. W.

Rainfall for February, 1899.

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.

North-Eastern Division.	February. 1899. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which .01 or more fell.	Average.
	In.	in.			in.
Hordley	2.14	1.06	25	6	4.42
Manchioneal P.W.D.	2.24	.54	25	18	...
Fair Prospect P.W.D.	4.41	.79	25	13	...
Bath P. W. D.	...	...	...	...	...
Moore Town P. W. D.	13.18	6.10	14	9	...
Port Antonio P. W. D.	2.95	.65	26	12	5.34
Fellowship P. W. D.	7.86	2.00	15	24	...
Johnson River Bridge	...	...	...	...	...
Burlington	...	...	...	...	...
Shrewsbury P. W. D.	8.36	4.10	14	10	...
Cedar Valley P. W. D.	...	...	...	...	...
Green Vale	...	...	...	...	...
Hill Gardens*	1.04	.30	13	7	3.22
Resource	1.62	...	...	...	...
Buff Bay P. W. D.	7.20	4.72	14	12	...
Cold Spring	...	...	...	...	...
Avocat P.W.D.	3.68	1.7[illegible]	12	4	...
Hardware Gap P.W.D.	.62	.40	14	3	...
Rose Hill	...	...	...	...	...
Annotto Bay P. W. D.	9.68	6.60	14	14	...

North-Eastern Division, *contd.*	February. 1899. Total Fall.	Greatest fall in 24 hours. Amount.	Greatest fall in 24 hours. Date.	Days on which .01 or more fell.	Average.
	In.	in.			in.
Stony Hill Rfty	.55	.20	14	3	2.16
Castleton Gardens	3.56	1.50	14	6	4.04
Lawrence Tavern PWD	.00	...	...	0	...
Water Valley PWD	10.88	8.32	14	11	...
Quebec	...	...	...	...	...
Richmond P. W. D.	5.78	2.20	13	23	...
Gayle	8.85	4.50	14	4	5.43
Gayle P. W. D.	11.43	6.87	14	8	...
Rio Hoe	5.04	3.84	13	5	3.64
Unity Valley	4.45	3.17	13	13	3.01
Moneague P.W.D.	4.17	3.40	13	8	...
Claremont P. W. D.	...	...	...	...	...
Albion	4.03	3.14	13	7	3.26
Averham Park	6.26	3.75	13	7	3.54
Ballintoy P.W.D.	2.31	1.75	13	4	...
Means	3.89	...	...	...	3.80
Northern Division					
Port Maria P.W.D.	5.93	3.37	14	10	3.95
Ocho Rios P.W.D.	7.62	4.34	13	4	...
Drax Hall	7.70	4.96	13	8	3.81
St. Ann's Bay P.W.D.	7.15	4.10	13	9	...
Seville	...	...	...	...	...
Richmond Estate	6.76	3.17	13	6	3.50
Llandovery	7.18	3.00	12	3	3.12
Brown's Town P.W.D.	3.47	2.87	13	4	...
Hyde Park	2.04	1.04	13	2	...
Dry Harbour P.W.D.	4.50	3.00	14	2	...
Chewmagna P. W. D.	3.13	2.40	13	3	...
Home Castle	2.70	2.70	14	1	3.34
Richmond Pen	2.20	1.20	13	5	1.76
Mahogany Hall	2.77	1.84	13	4	2.57
Brampton Bryan	2.02	1.20	13	4	1.56
Bryan Castle	5.75	2.70	14	5	2.10
Braco	4.93	3.10	14	4	2.21

*Fomerly called Cinchona Plantation.

Northern Division, *contd.*	February. 1899. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which .01 or more fell	Average.
	In.	in.			in.
Arcadia	2.88	1.68	14	4	2.41
Arcadia Great House	2.33	.95	14	6	...
Harmony Hall	...	...	...	...	...
Lancaster	4.42	2.15	14	4	2.28
Vale Royal	3.00	2.05	14	4	2.76
Colchis Pen	2.08	1.24	14	2	1.12
Hyde	1.49	1.15	13	3	2.88
Georgia	2.65	1.00	14	4	2.50
Long Pond	1.99	1.11	13	4	...
Steelfield	2.04	1.15	13	5	2.31
Oxford	1.90	1.30	13	4	2.10
Cambridge	1.70	1.50	13	2	2.43
Dry Valley	...	...	...	...	...
Lottery	.90	.80	14	2	2.10
Falmouth	2.40	..	...	...	1.41
Falmouth P.W.D.	1.86	1.30	14	3	...
Fontabelle	3.45	1.80	14	7	...
Holland Pen	1.35	1.10	13	2	2.31
Golden Grove	...	...	...	...	1.82
Green Park	...	...	...	...	1.75
Tilston	...	...	...	...	1.63
Orange Valley	...	...	...	...	2.04
Kent	...	...	...	...	2.46
Dundee	...	...	...	...	2.03
Phœnix	3.92	1.87	12	5	2.32
Gale's Valley	...	...	...	...	1.78
Greenwood	...	...	...	...	1.98
Canaan	2.45	.90	13	5	...
Lima	1.40	.80	12	3	...
Guilsbro'	...	...	...	...	2.21
Leogan	3.17	...	...	...	2.11
Success	1.70	1.00	14	4	1.84
Cinnamon Hill	1.74	1.00	14	4	1.74
Rose Hall	1.90	1.10	14	3	2.04
Spring	...	...	...	...	...
Ironshore	...	...	...	...	2.65
Friendship	...	...	...	...	...
Providence	...	...	...	...	1.94
Montego Bay P.W D.	1.21	.42	12	6	2.11
Catherine Hall	...	...	...	...	2.02
Fairfield	2.40	...	...	...	1.84
Sandy Bay P.W.D.	.71	.40	13	2	...
Lucea P.W.D.	1.56	.57	9	6	...
Central Sub-Division—					
Headworks R.C.C.	.61	.50	13	4	1.42
Linstead P.W.D.	1.30	.60	13	3	2.26
Point Hill P.W.D.	1.73	.60	8	6	...
Harker's Hall P.W.D.	...	...	...	...	...
Worthy Park	2.37	1.13	13	5	...
Kelletts P.W.D.	...	...	...	...	...
Chapelton P.W.D.	1.09	.50	13	4	2.14
Danks Savoy	1.39	.63	13	6	...
Mears P.W.D.	...	...	...	...	...
Cave Valley	1.72	1.20	13	3	2.33
Means	2.91	...	...	...	2.32

Northern Division, *contd.*	February. 1899. Total Fall.	Greatest fall in 24 hours. Amount.	Date.	Days on which .01 or more fell.	Average.
West Cen. Division.	In.	in.			in.
Mocho P.W.D.	1.50	.50	19	8	...
Baillieston P.W.D.	2.70	.92	26	4	...
Farm Plantation	3.08	1.40	13	6	2.31
Christiania P.W.D.	1.39	.61	13	5	...
Kendal P.W.D.	3.08	1.02	12	9	...
Mandeville P.W.D.	2.28	.91	26	8	2.47
Carlton (Mandeville)	...	...	...	...	...
Ulster Spring P.W.D.	2.37	2.17	13	2	...
Troy P.W.D.	2.55	2.50	13	2	...
Windsor Pen	2.52	2.18	5	3	1.79
Balaclava P.W.D.	.00	...	...	0	...
Elim	...	...	...	...	...
Appleton	1 17	.51	12	4	3.29
Maggotty P.W.D.	1.39	.52	11	7	...
Spring Vale	2.57	1.50	13	5	2.44
Maroon Town	...	...	...	...	2.05
Kempshot	3.37	1.09	13	8	2.70
Kepp	...	...	...	...	4.42
Kew Park	...	...	...	...	2.70
Hazelymph	1.65	.51	9	6	...
King Gate P.W.D.	2.29	.57	26	6	...
Windsor Forest	...	...	...	...	4.32
Shettlewood	...	...	...	...	...
Chester Castle	...	...	...	...	2.46
Darliston P.W.D.	4.83	1.91	11	10	...
Whithorn, P.W.D.	2.85	.81	11	8	...
New Galloway	2.47	1.08	11	4	...
Lethe Bridge	2.85	2.10	13	4	...
Copse	...	...	...	...	2.01
Cacoon Castle	3.95	3.80*	13	3	1.92
Golden Grove	...	...	...	...	2.86
Great Valley	4.88	3.00	13	6	2.31
Brownsville	5.37	2.12	13	13	...
George's Plain Estate	...	...	...	...	...
Fontabelle	...	...	...	...	2.79
Morgan's Bridge P.W.D.	3.52	1.06	11	11	...
King's Valley	4.65	1.50	11	8	1.49
Dias, P.W.D.	5.28	1.65	12	11	...
Spring Hill	...	...	...	...	...
Abingdon	...	...	...	...	2.09
Means ...	3.16	...	...	...	2.30
Southern Division.					
Morant Point L.H. P. W.D.	2.39	...	...	...	2.26
Morant Bay P.W.D.	...	...	...	...	...
Easington P.W.D.	...	...	...	...	...
Bull Bay P.W.D.	.00	...	...	0	...
Gordon Town P.W.D.	.41	...	...	7	...
Hope Gardens	.83	.50	13	6	1.13
Hope Reservoir	...	...	...	...	...
King's House	1.18	.94	1	3	1.29
Cavaliers	...	...	...	...	...
Shortwood	...	...	...	...	...

* Gauge overflowed.

Southern. Division, *contd.*	February.				
	Total Fall.	1899. Greatest fall in 24 hours. Amount.	Date.	Days on which .01 or more fell.	Average.
	In.	in.			in.
Constant Spring Reservoir	...	...	...	...	...
Constant Spring Estate	...	...	...	...	...
Monaltrie	.44	.10	26	8	.99
Halfway-Tree P.W.D.	.27	.09	17,25	5	...
Lunatic Asylum P.W.D.	.46	.33	12	3	...
Kingston Gardens ...	.25	.18	12	2	...
Public Works Office Kn.	.49	.33	12	4	.66
Plumb Point L. H.	.82	.62	12	7	.76
Port Royal (Nav. Hos.)	...	...	...	...	..
Ferry P. W. D.	.20	.20	20	1	...
Caymanas	...	...	...	...	...
Spanish Town P. W. D.	.05	.05	17	1	1.49
Windsor Park	.40	.30	12	2	1.03
Hog Hole Pen P.W.D.	.27	.10	27	4	1.78
Old Harbour P.W.D.	.70	.45	12	4	1.95
Somerset Hall P.W.D.	...	...	...	...	...
Moreland	.20	.20	18	1	...
May Pen P.W.D.	.45	.45	13	1	...
Amity Hall	.50	.50	26	1	...
Hermitage	...	...	...	...	...
Denbigh	...	...	...	...	1.41
Yarmouth P.W.D.	.37	.20	12	3	...
Victoria Town P.W.D.	1.54	.50	13	4	...
Stone's Hope	1.97	1.08	13	6	2.33
Newport P.W.D.	2.11	.70	13	4	...
Alligator Pond P.W.D.	1.18	.48	11	3	..
Southfield P.W.D.	.31	.14	13	3	...
Potsdam	2.47	1.54	13	5	1.37
Long Hill	.71	.43	13	4	1.74
Pepper	.39	.30	13	1	1.82
Torrington P.W.D.	3.03	2.20	13	4	...
Bethlehem	1.95	.98	13	4	...
Santa Cruz P.W.D.	.40	.20	13	3	2.99
Black River P.W.D.	.50	.34	13	3	1.98
Spring Hill	1.41	.66	13	8	...
Whitehall	...	...	...	...	...
Font Hill	.35	.20	26	3	...
Grand Vale	...	...	...	...	...
Peter's Ville	2.36	1.00	11	7	...
Mount Edgecombe	1.63	.53	11	9	2.47
Sweet River	3.02	2.10	11	3	2.56
Cornwall	2.45	1.15	11	5	...
Windsor, Sav.-la-Mar	2.07	1.05	11	8	2.50
Sav.-la-Mar P.W.D.	1.51	.70	11	5	...
Retreat	1.43	.88	11	5	...
Negril Pt. Lighthouse	2.45	1.35	11	6	...
Means. ...	1.09	...	...	...	1.74

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

	February. 1899. In.	Average. In.
North Eastern Division	3.89	3.80
Northern "	2.91	2.32
West Central "	3.16	2.30
Southern "	1.09	1.74
Means	2.76	2.04

The greatest monthly fall, viz., 13.18 ins. was recorded at Moore Town and no rain fell at Lawrence Tavern (NE); Balaclava (WC); and Bull Bay (S).

The greatest fall in 24 hours was 8.32 ins. at Albany P.W.D. on the 14th. The greatest number of days on which rain fell at any one place was 24 at Fellowship P.W.D. Seventeen stations had in 24 hours falls of between 3 and 5 inches, and four stations had falls of over five inches in 24 hours.

The mean approximate rainfall as arrived at on the 4th instant (when a preliminary report on February was issued) was 2.72 inches. This result was obtained from 25 stations with "averages." The results shown in the Comparative Table now published are from 70 such stations, and show a rainfall for the Island of 2.76 inches, as compared with an average of 2.04 inches.

These results show that the rainfall for February was a little above the average in every Division, except the Southern, where it was about one-third below the average. The mean for the Island is exactly one-third above the average. The average, it will be seen, is not much, February being the driest month in the year

While the above is the case, there is a curious patch of absolute drought round Lawrence Tavern (NE) where no rain fell, and a similar thing occurred at Balaclava in the W. Central Division. There was also no rain at Bull Bay, but as several, other places in the Southern Division had very small falls this was not so marked.

The following notes have come to hand:—

N. E. Division.

Moncague.—With the exception of the rainfall on 17th, weather has been dry. Temp. at 5.30 a.m. varies from 58° to 60.°

N. Division.

Rose Hall, Cinnamon Hill.—Springs and fords very low, as no *heavy* rains have fallen since last May.—(*J. Shore.*)

W. C. Division.

Farm Plantation.—Very genial month, and good crop prospects.

Mandeville.— Despite the rainfall, the district around Kendal and Mile Gully appears dry.

S. Division.

Pepper.—Very dry, with strong SE breezes all the month.

Mount Edgecombe.—Owing to the continued showers of January and February, vegetation is much less parched than usual at this time.

Note.—This, I much regret to say, will be the last Monthly Weather Report signed by me. On account of the retrenchment effected by the Government by the abolition of the present Weather Service (vide W. R., No. 236, just being issued) my services, and those of Mr. Romney, will be dispensed with and my connection with the Weather Service, which began with its establishment, and has lasted for over eighteen years, will cease at the end of the current month.

Robt. Johnstone.

Kingston, 18th March, 1899.