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1892
[Jan.-Sept.]

No. 140.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

JANUARY, 1892.

KINGSTON :—METEOROLOGICAL RESULTS.

Elevation above Sea-level 50 feet.

Date.	Pressure.		Temperature.					Dewpoint.		Humidity.		Wind. Direction from, and miles per hour.						Total miles for the day.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	7 a.m	3 p.m.	7 a.m.	3 p.m.	7 a.m.		3 p.m.		Means for the day.		
	In.	In.	°	°	°	°	°											
1	30.060	29.987	75.0	84.7	86.1	68.4	17.7	66.4	68.0	75	57	N	1	Z	2	Var.	3	83
2	.017	.928	67.2	86.1	88.8	67.2	21.6	58.7	67.6	74	54	N	1	SW	1	Var.	4	100
3	29.968	.925	69.8	83.5	87.3	69.8	17.5	63.0	62.1	79	49	N	3	N	8	N	8	200
4	.987	.933	70.7	82.2	84.1	70.5	13.6	59.8	63.8	68	54	N	2	S	3	Var.	4	104
5	.975	.924	67.9	78.6	84.1	65.2	18.9	57.7	67.8	70	70	N	3	SSE	3	Var.	3	70
6	.954	.902	70.6	82.9	86.1	69.1	17.0	65.5	71.9	84	70	Z	0	S	3	S	3	86
7	30.013	.958	73·1	82.6	85.7	72.3	13.4	68.9	71.1	87	68	Z	0	S	2	Var.	4	94
8	.025	.945	70.7	86.6	88.1	70.5	17.6	67.7	70.2	90	58	Z	0	NE	1	Var.	4	90
9	.022	.938	73.2	81.2	87.3	73.0	14.3	68.5	71.5	85	73	N	1	ESE	6	ESE	2	60
10	.038	.954	70.4	85.9	85.9	70.3	15.6	65.6	70.4	85	60	Z	0	SE	12	SE	5	128
11	.022	.962	67.4	87.2	90.2	67.0	23.2	64.9	66.3	92	50	Z	0	SW	1	Var.	4	100
12	.041	.969	72.4	80.4	89.3	72.3	17.0	67.2	69.1	84	69	NW	1	E	6	Var.	3	70
13	.028	.959	70.7	82.2	84.3	67.3	17.0	63.0	63.3	77	53	N	1	ESE	3	Var.	4	100
14	.058	.985	71.8	79.9	82.8	70.2	12.6	68.1	67.3	88	65	Z	0	S	3	S	4	105
15	.051	.954	67.0	83.2	84.3	66.5	17.8	64.5	64.3	92	53	Z	0	SW	1	Var.	2	47
16	.001	.954	64.2	81.7	81.7	64.2	17.5	59.4	61.2	84	56	N	1	SSW	1	Var	2	50
17	.038	.970	71.0	84.0	88.0	69.0	19.0	62.9	67.6	75	58	Z	0	ESE	10	ESE	6	150
18	.047	.975	66.5	82.4	85.5	65.8	19.7	62.7	64.4	88	55	N	1	SSE	10	SSE	5	118
19	.024	.953	68.1	80.6	87.5	67.0	20.5	58.4	67.8	71	65	N	1	SSE	12	SSE	5	110
20	.052	.982	69.1	85.4	87.0	67.0	20.0	60.6	65.8	74	52	N	1	SSW	1	Var.	5	116
21	.071	.999	68.9	81.0	87.8	68.2	19.1	56.8	66.9	65	62	N	1	SSE	3	SSE	4	84
22	.066	30.022	64.1	85.8	87.6	64.1	23.5	59.0	71.4	83	62	Z	0	ESE	3	ESE	3	70
23	.092	.042	70.3	86.4	88.7	66.8	21.9	63.6	65.4	79	50	W	1	S	1	Var.	5	110
24	.110	.033	71.5	82.9	87.7	69.8	17.9	64.8	66.2	79	57	N	1	Z	0	Var.	4	110
25	.058	.007	71.8	75.7	82.0	71.5	10.5	66.7	69.7	84	82	N	2	N	1	N	1	30
26	.033	29.988	68.2	80.6	83.1	67.6	15.5	64.8	67.7	89	65	Z	0	Z	0	Z	3	80
27	.013	.975	69.0	83.6	85.2	69.0	16.2	64.0	68.9	84	61	Z	0	S	1	S	4	90
28	.049	.998	71.0	86.4	87.0	71.0	16.0	64.2	66.4	79	52	Z	0	NW	2	Var.	3	80
29	.049	.974	65.5	85.4	87.6	65.5	22.1	61.9	71.4	88	63	Z	0	W	1	SW	3	80
30	.061	.962	65.7	81.3	86.6	65.5	21.1	63.0	70.6	91	70	Z	0	SEE	1	S	4	100
31	.012	.973	69.7	83.9	83.9	69.7	14.2	64.0	66.1	89	55	NW	2	NW	1	Var.	4	100
Means.	30.032	29.969	69.4	83.0	86.1	68.4	17.7	63.4	67.5	81	60	N	0.8	Var.	3.3	Var.	3.9	93.4

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March 28, 2002

KINGSTON :—METEOROLOGICAL RESULTS.

Elevation above Sea-level 50 feet

Date.	Upper Cloud. (in tenths of the sky.) 7 a.m.	Upper Cloud. 3 p.m.	Lower Cloud. (in tenths of the sky.) 7 a.m.	Lower Cloud. 3 p.m.	Rainfall.	Weather Remarks, &c.
1	...	...	...	...	0.00	Fair.
2	...	...	...	1 Cum.	0.00	Fair, Norther commenced about 6 p.m.
3	...	...	...	...	0.00	Fair, Norther continued all night and till about [2 p.m.
4	...	...	...	2 Cum.	0.00	Fair.
5	...	...	...	5 Str. 5 Str. Cum.	0.00	Fine a.m. Cloudy p.m., with drizzle at 2.30 p.m.
6	4 Cir. S.	...	6 Str. Cum.	...	0.00	Fair, a.m., Very light drizzle at 8.10 p.m.
7	1 Cir. S.	...	1 Cum.	10 Str. Cum.	0.00	Warm, a.m., Fair p.m.
8	...	...	1 Cum.	2 Cum.	0.00	Fair.
9	1 Cir. C.	...	2 Str. & Str. Str.	2 Alt. S. 1 Str. Cum.	0.00	Thunder to the N. in early morning. Very light drizzle at mid-day.
10	1 Cir. W	...	...	3 Cum. E	0.00	Fair.
11	...	...	...	3 Cum.	0.00	Fine.
12	...	...	10 Str. & Str. Cum.	6 Str. Cum.	0.01	Cloudy with drizzles at 6 a.m., and between 2 and 2.30 p.m.
13	...	...	2 Cum. E	10 Cum.	0.00	Fine.
14	...	...	10 Cum. & Cum. Nim.	5 Cum. 5 Str. Cum.	0.02	Rain at about 1 a.m. and at 6 a.m., Fair. p.m.
15	...	...	...	1 Cum. W	0.00	Fine.
16	...	...	...	6 Cum.	0.00	Fine.
17	...	...	4 Cum. E	3 Cum. 4 Str. Cum.	0.00	Fair.
18	...	...	5 Alto. Cum.	8 Cum.	0.00	Fair.
19	...	...	4 Cum. S E	8 Str. Cum. SE	0.00	Fair.
20	...	...	...	...	0.09	Fine.
21	...	...	...	8 Str. Cum. E	0.00	Fair.
22	...	...	6 Cum. E	...	0.00	Fair.
23	...	...	10 Cum. E	2 Str. Cum.	0.00	Cloudy a.m., Fair p.m.
24	...	...	6 Cum.	10 Str. Cum.	0.00	Fair. till 10 a.m., then cloudy.
25	...	...	5 Str. 5 Str. Cum.	5 Alt. Str. 5 Str. Cum.	0.01	Cloudy. Light drizzle 1 to 2 p.m.
26	1 Cir. Cum.	...	6 Str. Cum. 2 Str.	5 Str. Cum. 5 Cum Nim.	0.00	Cloudy.
27	...	2 Cir. Cum.	10 Cum. E	6 Str. Cum.	0.00	Fair.
28	1 Cir. Cum.	...	1 Str. 4 Str. Cum.	7 Str. Cum. 3 Cum Nim.	0.00	Fair, a.m. Light drizzle at about 3 p.m., (not measurable.)
29	...	...	...	6 Str. Cum. 4 Cum.	0.11	Fine a.m. Rain from 4 to 5 p.m.
30	...	...	...	2 Str. Cum.	0.00	Fine.
31	...	...	10 Str. Cum.	1 Cum.	0.00	Cloudy a.m. Fair p.m.
Means.	3 o/o	1 o/o	37 o/o	57 o/o	0.04	
Total.					0.45	

RESULTS AT OTHER STATIONS.

Station.	Elevation.	Means for the Month. Temperature. 7 a.m.	3 p.m.	Max.	Min.	Range.	Dewpoint. 7 a.m.	3 p.m.	Humidity. 7 a.m.	3 p.m.	Extremes for the Month. Temperature. Max.	Date.	Min.	Date.	Range.	Total Rainfall.
	ft.	°	°	°	°	°	°	°			°		°		°	in.
Kings House ...	400	69.9	79.5	80.9	66.9	14.0	62.8	70 4	78	74	84	10&11	62	2 & 15	22	0.80
Castleton Gardens ...	580	65.5	79.5	79.7	64.7	15.0	63.6	74.0	93	83	81	6*	56	21	25	8.04
Hope Gardens ...	600	66.4	81.6	83.6	63.6	20.0	63.1	69.4	89	67	90	16	59	5	31	1.19
Cinchona Plantation ...	4,907	56.4	62.3	67 0	56.3	10.7	52.1	58.6	85	88	70	8†	50	4‡	20	7.15

* and 3 other days. † and 2 other days. ‡ and 3 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. 1892.	Average.
Infantile diseases not otherwise specified ...	28	21
Lung diseases ...	16	19
Fever ...	5	10
Dysentery and Diarrhoea	7	9
Various ...	65	58
Total	121	117

Cinchona Plantation.

The following are means for the month in addition to those published above :—

		in.
Barometic pressure	7 a.m.	25.336
" "	3 p m.	25.327
Temperature—		°
6 feet underground	7 a.m.	62.1
" "	3 p.m.	62.4
Direction of the wind	... ...	E
Velocity of the wind in miles per day	...	44.8

The mean maximum and minimum temperatures (from two readings) at Newhaven Gap were respectively 68°8 and 45°5 and the rainfall amounted to 16.46 inches.

BLUE MOUNTAIN PEAK :—ELEVATION 7,406 FEET.

Day.	Hour.	Temperature. Max.	Temperature. Min.	Temp.	Rain.	Remarks.	Observer's Initials.
1892.		°	°	°	in.		
January 30th ...	11.15 a.m.	70	35	60	14.80	Clear and sunny.	M. F. B.

Note—The Barometric pressure is the reading of the Barometer corrected for instrumental error, and reduced to 32°, that of Kingston being further reduced to Sea-level. The Thermometers are similarly exposed in Stevensons' screens at all the above Stations; their readings have all been corrected.

Rainfall for January, 1892.

The first columns contain all the Rainfall Returns sent in for publication up to the date of this report; the second columns contain the corresponding average Rainfall according to the Tables published in January, 1892, as No. 124 (A) of the present series of Reports. In obtaining the mean Rainfall for the month from the numbers in the first columns, only those Stations are considered for which the average Rainfall has been given in the second columns; so that the results of these two columns are directly comparable. These results are more clearly shown in the Comparative Table at the end of these Rainfall Returns :—

North-Eastern Division.

		January. 1892.	January. Average.
		In.	In.
Hordley	St. Thomas	2.22	6.69
Boston	Portland	12.01	9.45
Port Antonio	...	5.30	10.02
Fellowship	...	12.90	
Cinchona Plantation	St. Andrew	7.15	8.32
Buff Bay	Portland	17.31	...
Cold Spring	St. Andrew	3.70	...
Annotto Bay	St. Mary	6.33	...
Stony Hill Reformatory	St. Andrew	2.13	4.31
Castleton Gardens	St. Mary	8.04	8.36
Lawrence's Tavern	St. Andrew	...	...
Quebec	...	8.08	8.17
Richmond	...	8.65	...
Free Hill	...	5.48	...
Gayle	...	10.85	8.21
Lucky Hill	...	11.37	...
Rio Hoe	St. Ann	5.57	6.05
Unity Valley	...	3.96	5.28
Moneague	...	3.79	...
Claremont	...	8.94	...
Pedro	...	...	...
Albion	...	5.86	5.35
Averham Park	...	10.91	5.64
Alderton	...	...	...
	Means	6.84	7.15

Northern Division.

		January. 1892.	January. Average.
		In.	In.
Port Maria	St. Mary	5.58	7.50
Drax Hall	St. Ann	7.24	7.08
St. Ann's Bay	...	...	...

Northern Division, *contd.*

		January. 1892.	January. Average.
		In.	In.
Seville	St. Ann	...	6.01
Llandovery	...	...	6.19
Richmond Estate	...	...	6.38
Southfield	...	16.72	...
Brown's Town	...	...	...
Home Castle	...	8.10	5.41
Richmond Pen	...	1.90	4.49
Mahogany Hall	Trelawny	4.50	4.30
Braco	...	5.78	4.37
Arcadia	...	5.23	4.93
Harmony Hall	...	5.78	3.93
Lancaster	...	5.95	4.73
Vale Royal	...	3.47	5.09
Colchis Pen	...	1.00	2.91
Hyde	...	3.02	5.12
Georgia	...	...	4.05
Steelfield	...	4.81	4.85
Oxford	...	4.97	4.11
Cambridge	...	7.30	5.29
Dry Valley	...	6.14	...
Lottery	...	7.06	4.08
Falmouth	...	3.90	3.46
Falmouth P. W. Office	...	3.10	...
Holland Pen	...	2.29	2.98
Pembroke	...	...	3.96
Golden Grove	...	3.62	2.89
Tilston	...	3.60	3.45
Weston Favel	...	...	3.24
Green Park	...	3.81	4.19
Orange Valley	...	3.85	3.64
Kent	...	4.07	4.35
Dundee	...	3.95	4.07
Phœnix	...	5.04	3.62
Gale's Valley	...	5.90	3.26
Greenwood	St. James	3.23	3.27
Bellfield	...	4.55	...
Guilsbro'	...	3.24	2.84
Leogan	...	...	5.60
Cinnamon Hill	...	2.69	3.04
Rose Hall	..	2.00	3.40
Running Gut	...	2.07	3.23
Ironshore	...	2.09	2.77
Friendship	...	3.05	...
Providence	...	...	3.15
Montego Bay P. W. Office	...	...	...
Catherine Hall	...	2.35	3.71
Catherine Mount	...	2.33	4.40
Fairfield	...	2.44	3.38

NORTHERN DIVISION *contd.*		JANUARY. 1892. In.	JANUARY. Average. In.
Anchovy	...	2.50	2.82
Eden	...	2.17	3.07
Wiltshire	...	...	3.08
Round Hill	Hanover	0.90	1.95
Flint River	...	...	...
Tryall	...	1.28	1.92
Sandy Bay	...	1.78	...
Kew	...	4.05	2.32
Lucea P. W. Office	...	2.02	...
Haughton Court	...	...	2.94
Orange Cove	...	2.05	3.08
CENTRAL SUB-DIVISION—			
Headworks, R. C. C.	St. Catherine	...	2.57
Linstead	...	1.58	2.63
Ewarton	...	2.13	...
Chapelton	Clarendon	...	2.55
Savoy	...	...	...
Cave Valley	St. Ann	2.28	2.45
	Means	3.74	3.81

WEST CENTRAL DIVISION.		JANUARY. 1892. In.	JANUARY. Average. In.
Watson's Gate	Manchester	2.62	...
Farm Plantation		...	2.68
Brokenhurst Pen	...	2.50	5.33
Mandeville	...	...	3.37
Balaclava	St. Elizabeth	...	...
Appleton	...	1.75	2.21
Windsor Pen	Trelawny	3.21	3.95
Spring Vale	St. James	5.92	4.68
Maroon Town	...	4.25	3.78
Kempshot	...	4.06	3.91
Kepp	St. Elizabeth	2.56	3.36
Windsor Forest	Westmoreland	...	3.88
Woodstock	...	...	1.75
Struie	...	...	1.69
Kew Park	...	1.32	2.05
Chester Castle	Hanover	2.67	1.72
Haughton Grove	...	...	2.44
Copse	...	1.56	2.92
Cacoon Castle	...	1.41	4.44
Golden Grove	...	...	3.08
Three Mile River	Westmoreland	...	...
George's Plain Estate	...	...	...
Fontabelle	...	...	2.14
King's Valley	...	4.65	2.46
Abingdon	Hanover	3.00	1.63
	Means	2.99	3.26

SOUTHERN DIVISION.		JANUARY. 1892. In.	JANUARY. Average. In.
Morant Point L. H.,	St. Thomas	3.72	4.10
Abbey	...	1.21	3.35
Bull Bay	...	...	...
Gordon Town	St. Andrew	2.28	...
Hope Gardens	...	1.19	2.27
Cherry Garden	...	1.03	2.62
King's House	...	0.80	1.54
Shortwood	...	...	...
Constant Spring	...	...	...
Monaltrie	...	0.80	1.64
Camperdown	...	0.23	...
Public Works Office,	Kingston	0.14	1.45
Plumb Point L. H.	...	0.20	1.03
Spanish Town	St. Catherine	0.69	1.80
Windsor Park	...	...	1.50
Hog Hole Pen	...	0.54	2.02
Old Harbour	...	1.47	2.62
May Pen	Clarendon	0.99	...
Stone's Hope	Manchester	2.19	3.49
Alligator Pond	...	2.03	...
Potsdam	St. Elizabeth	0.80	2.53
Long Hill	...	0.57	2.25
Pepper	...	0.55	1.75
Northampton	...	...	...
Santa Cruz Poorhouse	...	2.00	3.76
Peter's Ville	Westmoreland	...	...
Mount Edgecombe	...	2.41	1.89
Sweet River		1.55	2.09
Windsor (Sav.-la-Mar)	...	...	1.97
Sav.-la-Mar P. W. Office	...	...	...
	Means	1.21	2.34

COMPARATIVE TABLE OF RAINFALL.

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

	JANUARY. 1892. In.	JANUARY. Average. In.
North Eastern Division	6.84	7.15
Northern "	3.74	3 81
West Central "	2 99	3 26
Southern "	1.21	2 34
The Island	3.70	4 14

The Rainfall was about the average in every division except the Southern where there fell only about one half of the average (small) fall.

The greatest fall, viz. 17.31 inches was recorded at Buff Bay and the smallest 0.14 inches at the Public Works Office, Kingston.

Dr. Manners reports two shocks of earthquakes at the Abbey at 2.50 p.m., on the 31st.

From Kew Estate Hanover comes the following "A "waterspout was visible about 10.30 on the 24th ap- "parently not far out at sea, as the water could be "distinctly observed to be much disturbed underneath "it. It was in sight for nearly half-an-hour."

ROBT. JOHNSTONE.

Kingston, 27th February, 1892.

NOTE:—In order to reduce the amount of printing in the Jamaica Gazette, in place of the abstracts which were published in the Gazette, more complete Weather Reports will be issued monthly from the Printing Office, and sent to Rainfall contributors, and various societies and persons.

No. 141

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

FEBRUARY, 1892.

KINGSTON :—METEOROLOGICAL RESULTS.

Elevation above Sea-level 50 feet.

Date.	Pressure.		Temperature.					Dewpoint.		Humidity.		Wind. Direction from, and miles per hour.						Total miles for the day.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.		3 p.m.		Means for the day.		
	In.	In.	°	°	°	°	°	°	°									
1	30.065	30.005	70.2	85.6	86.7	67.8	18.9	63.1	71.7	78	63	Z	0	SSW	3	Var.	3	80
2	.007	.036	65.1	86.6	86.7	63.0	23.7	59.5	65.3	83	41	N	1	Var.	3	Var	4	100
3	.093	.031	65.8	82.4	86.3	64.9	21.4	60.2	62.9	82	52	Z	0	S	3	S	4	105
4	.078	.011	69.5	83.4	85.8	67.0	18.8	60.6	63.9	73	52	N	1	SSW	1	Var.	3	75
5	.055	29.961	70.7	82.2	86.0	67.1	18.9	60.5	64.5	70	53	N	1	SSE	10	SSE	4	100
6	.091	30.017	65.8	81.1	86.7	64.5	22.2	62.2	65.6	88	59	Z	0	SSE	12	SSE	5	120
7	.104	.030	67.9	84.6	84.6	65.8	18.8	58.6	66.0	73	53	Z	0	SSE	14	SSE	8	190
8	.093	29.986	70.7	82.7	86.2	68.5	17.7	61.0	68.2	72	62	Z	0	SE	15	SE	5	110
9	.089	30.014	71.6	83.0	85.5	70.2	15.3	65.6	65.6	81	56	Z	0	SSE	10	SSE	5	110
10	.034	29.960	66.4	83.3	85.6	64.1	21.5	55.2	62.6	67	50	Z	0	SSE	6	SSE	3	75
11	29.969	.910	65.6	82.6	85.0	64.8	20.2	57.3	64.4	75	54	Z	0	S	1	S	4	89
12	.976	.932	69.4	79.5	85.0	66.1	18.9	64.1	66.8	83	65	Z	0	SSE	3	S	3	76
13	30.007	.969	70.7	85.5	86.3	68.7	17.6	64.9	65.9	82	52	Z	0	S	1	Var.	4	87
14	.036	30.021	68.5	79.3	83.3	68.0	15.3	61.9	68.2	79	69	Z	0	SSE	6	SSE	4	100
15	.098	.020	67.6	83.2	87.7	66.8	20.9	63.7	71.7	87	68	Z	0	NW	3	Var.	2	53
16	.096	.031	70.3	82.5	84.3	67.2	17.1	68.0	66.5	92	58	Z	0	S	1	Var.	4	90
17	.064	29.988	68.9	83.4	84.7	65.8	18.9	65.9	65.0	90	54	Z	0	SW	1	NNW	4	100
18	.053	.976	67.2	84.9	86.4	64.4	22.0	62.7	64.0	86	50	Z	0	SW	1	Var.	2	50
19	.083	30.023	70.0	84.4	85.5	66.8	18.7	64.2	66.5	82	57	Z	0	SW	3	Var.	2	40
20	.106	.055	70.9	73.4	80.7	70.2	10.5	69.3	71.4	95	93	Z	0	Z	0	Var.	3	60
21	.071	29.974	67.4	82.1	83.7	66.2	17.5	63.8	65.7	88	58	Z	0	SSE	14	SSE	7	160
22	.042	.939	68.9	78.5	80.7	65.7	15.0	62.7	64.5	81	62	Z	0	Z	0	SSE	2	50
23	.014	.954	68.8	80.6	83.5	65.9	17.6	63.3	65.4	82	61	Z	0	SSE	10	SSE	8	195
24	29.988	.919	65.8	82.4	83.7	65.6	18.1	62.0	66.4	88	59	Z	0	S	5	S	4	95
25	.946	.860	72.4	76.9	83.5	69.3	14.2	66.6	68.9	82	76	Z	0	S	1	S	1	20
26	.899	.858	69.4	81.2	83.6	66.3	17.3	66.7	69.4	91	67	Z	0	S	6	Var.	5	122
27	.891	.848	69.2	82.0	85.3	68.6	16.7	61.0	61.1	75	49	N	14	N	3	N	9	200
28	.937	.907	67.2	82.7	83.5	65.1	18.4	57.7	62.7	72	67	N	6	SW	1	N	5	126
29	.982	.954	67.8	80.5	82.7	66.3	16.4	59.0	63.7	74	57	N	3	S	1	Var.	2	46
Means.	30.033	29.974	68.6	82.1	84.8	66.6	18.2	62.6	65.7	81	58	N	0.9	S	4.8	Var.	4.0	97.0

KINGSTON:—METEOROLOGICAL RESULTS.

Elevation above Sea-level 50 feet.

Date.	Upper Cloud. (in tenths of the sky.) 7 a.m.	Upper Cloud. 3 p.m.	Lower Cloud. (in tenths of the sky.) 7 a.m.	Lower Cloud. 3 p.m.	Rainfall.	Weather Remarks, &c.
1	...	...	...	6 Str. Cum.	0.00	Fair.
2	...	...	...	3 Cum. Nim.	0.00	Fair.
3	...	...	...	3 Cum. 3 Str. Cum.	0.00	Fine and Cool.
4	...	...	1 Cum.	5 Str. Cum.	0.00	Fine.
5	...	...	2 Cum. E	3 Str. Cum.	0.00	Fine.
6	...	...	1 Cum.	6 Cum. E	0.00	Fair.
7	...	...	6 Cum. E	1 Cum.	0.00	Fair.
8	...	...	10 Str. Cum. E	...	0.00	Fair.
9	5 Cir. 5 Cir. C. E	...	...	1 Cum.	0.00	Fine.
10	...	...	...	...	0.00	Fine.
11	...	...	...	...	0.00	Fine.
12	...	...	...	10 Str. Cum.	0.00	Fine.
13	...	...	1 Cum.	10 Str. Cum.	0.00	Fine a.m. fair, p.m.
14	...	...	6 Str. Cum.	8 Str. Cum.	0.02	Squalls with rain from SE at 11.45 a.m, fair p.m.
15	...	...	1 Str. Cum.	6 Str. Cum.	0.00	Fair.
16	...	...	...	1 Cum.	0.00	Fine.
17	...	...	10 Cum. E	3 Cum.	0.00	Misty at 7 a.m. Fine p.m.
18	...	...	...	2 Cum.	0.00	Fine.
19	...	...	10 Str. Cum.	4 Cum. 1 Cum. Nim.	0.00	Fair.
20	...	...	10 Str. & Cum. Nim.	10 Nim.	0.07	Cloudy with drizzle at 7 a.m., rain from 10 a.m to 12 noon, and from 2 to 3 p.m.
21	...	...	2 Cum. 8 Str. Cum.	...	0.00	Fair.
22	...	...	...	10 Cum.	0.00	Fair.
23	...	...	...	2 Cum Nim. 8 Str. Cum.	0.01	Fair, rain from 5 to 6 p.m.
24	...	...	...	4 Cum.	0.00	Fair.
25	...	...	4 Str. Cum.	10 Str. Cum.	0.00	Fine, a.m. Fair p.m. with drizzle at 1.30 p.m., (not measurable.)
26	10 Cir. W	...	...	3 Cum 4 Str. Cum. 3 Cum. Nim.	0.24	Fair a.m. Rain 4.15 to 5 p.m. Norther commenced at 6 p.m.
27	6 Cir. 2 Cir. C. W	...	2 Str. Cum.	...	0.00	Fine, Norther continued all day.
28	...	...	...	1 Cum.	0.00	Fine. Norther all day but decreasing in force.
29	...	...	1 Alt. Cum.	1 Cum.	0.00	Fine.
Means.	10 o/o	0 o/o	26 o/o	49 o/o		Fair.
Total.					0.34	

RESULTS AT OTHER STATIONS.

Station.	Elevation.	Means for the Month. Temperature. 7 a.m.	3 p.m.	Max.	Min.	Range.	Dewpoint. 7 a.m.	3 p.m.	Humidity. 7 a.m.	3 p.m.	Extremes for the Month. Temperature. Max.	Date.	Min.	Date.	Range.	Total Rainfall.
	ft.	°	°	°	°	°	°	°			°		°		°	in.
Kings House ...	400	66.9	79.7	81.7	64.0	17.7	63.3	69.7	88	78	84	27	60	27	24	1.75
Castleton Gardens ...	580	63.1	76.4	80.3	61.9	18.4	61.0	65.6	93	70	83	12	54	11	29	5.01
Hope Gardens ...	600	63.7	81.3	83.2	61.9	21.3	60.6	67.2	88	92	88	9 & 16	56	28	32	0.88
Cinchona Plantation ...	4,907	54.1	62.4	66.4	52.9	13.5	49.2	57.5	83	82	70	12	46	29	24	2.78

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. 1892.	Average.
Infantile diseases not otherwise specified ...	26	24
Lung diseases ...	21	14
Fever ...	5	8
Dysentery and Diarrhœa	14	12
Various ...	47	53
Total	113	111

Of the various, two were due to influenza.

Cinchona Plantation.

The following are means for the month in addition to those published above:—

		in.
Barometic pressure	7 a.m.	25.317
" "	3 p.m.	25.303
Temperature—		°
6 feet underground	7 a.m.	61.1
" "	3 p.m.	61.6
Direction of the wind	... ...	E
Velocity of the wind in miles per day	...	43.4

The maximum and minimum temperatures for the month at Newhaven Gap were respectively 73°3 and 42°5 and the rainfall amounted to 2.52 inches.

BLUE MOUNTAIN PEAK:—ELEVATION 7,406 FEET

Day.	Hour.	Temperature. Max.	Temperature. Min.	Temp.	Rain.	Remarks.	Observer's Initials.
1892.		°	°	°	in.		
January 30th ...	11.15 a.m.	70	35	60	14.80	Clear and sunny.	M. F. B.
February 27th ...	11.30 a.m.	73	42	60	8.00	Fine, bright and windy.	M. F. B.

Note—The Barometric pressure is the reading of the Barometer corrected for instrumental error, and reduced to 32°, that of Kingston being further reduced to Sea-level. The Thermometers are similarly exposed in Stevensons screens at all the above Stations; their readings have all been corrected.

Rainfall for February, 1892.

The first columns contain all the Rainfall Returns sent in for publication up to the date of this report; the second columns contain the corresponding average Rainfall according to the Tables published in January, 1892, as No. 124 (A) of the present series of Reports. In obtaining the mean Rainfall for the month from the numbers in the first columns, only those Stations are considered for which the average Rainfall has been given in the second columns; so that the results of these two columns are directly comparable. These results are more clearly shown in the Comparative Table at the end of these Rainfall Returns:—

North-Eastern Division.		February. 1892. In.	February. Average. In.
Hordley	St. Thomas	...	2.42
Boston	Portland	...	4.76
Port Antonio	...	2.43	5.34
Fellowship	...	3.15	...
Cinchona Plantation	St. Andrew	2.78	3.22
Buff Bay	Portland	4.10	...
Cold Spring	St. Andrew	3.92	...
Annotto Bay	St. Mary	5.23	...
Stony Hill Reformatory	St. Andrew	0.70	2.16
Castleton Gardens	St. Mary	5.01	4.04
Lawrence's Tavern	St. Andrew	1.90	...
Quebec	...	...	4.56
Richmond	...	...	...
Highgate	...	1.85	...
Free Hill	...	0.80	...
Gayle	...	1.40	5.43
Lucky Hill	...	...	...
Rio Hoe	St. Ann	1.52	3.64
Unity Valley	...	1.12	3.01
Moneague	...	...	...
Claremont	...	0.85	...
Pedro	...	...	...
Albion	...	0.69	3.26
Averham Park	...	2.27	3.54
Alderton	...	...	...
	Means	1.99	3.74

Northern Division.		February. 1892. In.	February. Average. In.
Port Maria	St. Mary	0.74	3.95
Drax Hall	St. Ann	1.16	3.81
St. Ann's Bay	St. Ann	0.72	...
Seville	...	0.00	3.83
Llandovery	...	0.99	3.12
Richmond Estate	...	0.69	3.50
Southfield	...	1.16	...
Brown's Town	...	...	...
Home Castle	...	0.38	3.34
Richmond Pen	...	0.70	1.76
Mahogany Hall	Trelawny	0.97	2.57
Braco	...	0.00	2.21
Arcadia	...	0.10	2.41
Harmony Hall	...	0.00	2.28
Lancaster	...	0.20	2.51
Vale Royal	...	0.05	2.76
Colchis Pen	...	0.49	1.12
Hyde	...	0.60	2.38
Georgia	...	...	2.50
Steelfield	...	0.10	2.31
Oxford	...	0.00	2.10
Cambridge	...	0.10	2.43
Dry Valley	...	0.28	...
Lottery	...	0.08	2.10
Falmouth	...	9.09	1.41
Falmouth P. W. Office	...	...	...
Holland Pen	...	0.00	2.31
Pembroke	...	...	1.54
Golden Grove	...	0.10	1.82
Tilston	...	0.00	1.63
Weston Favel	...	...	2.72
Green Park	...	...	1.75
Orange Valley	...	0.00	2.04
Kent	...	0.06	2.46
Dundee	...	0.14	2.03
Phœnix	...	0.25	2.32
Gale's Valley	...	0.00	1.78
Greenwood	St. James	0.00	1.98
Bellfield	...	0.00	...
Guilsbro'	...	0.00	2.21
Leogan	...	0.00	2.11
Cinnamon Hill	...	...	1.74
Rose Hall	...	...	2.04
Running Gut	...	0.23	1.65
Ironshore	...	0.39	2.65
Friendship	...	0.25	...
Providence	...	...	1.94
Montego Bay P. W. Office	...	...	...
Catherine Hall	...	0.00	2.02
Catherine Mount	...	0.16	1.66

NORTHERN DIVISION *contd.*		FEBRUARY. 1892. In.	FEBRUARY. Average. In.
Fairfield	St. James	0.00	1.84
Anchovy	...	0.00	0.37
Eden	...	0.00	1.73
Wiltshire	...	...	2.10
Round Hill	Hanover	1.43	1.09
Flint River	...	0.00	...
Tryall	...	0.04	1.06
Sandy Bay	...	...	...
Kew	...	0.25	2.80
Lucea P. W. Office	...	...	...
Haughton Court	...	...	2.15
Orange Cove	...	0.00	2.25
CENTRAL SUB-DIVISION—			
Headworks, R. C. C.	St. Catherine	...	1.42
Linstead	...	...	2.26
Ewarton	...	...	...
Chapelton	Clarendon	...	2.14
Savoy	...	...	...
Cave Valley	St. Ann	0.86	2.33
	Means	0.27	2.26

WEST CENTRAL DIVISION.		FEBRUARY. 1892. In.	FEBRUARY. Average. In.
Watson's Gate	Manchester	1.68	...
Farm Plantation		1.60	2.31
Brokenhurst Plantation	...	1.20	2.65
Mandeville	...	...	2.47
Balaclava	St. Elizabeth	...	...
Appleton	...	1.05	3.29
Windsor Pen	Trelawny	0.34	1.79
Spring Vale	St. James	...	2.44
Maroon Town	...	0.36	2.05
Kempshot	...	0.33	2.70
Kepp	St. Elizabeth	1.20	4.42
Windsor Forest	Westmoreland	...	4.32
Woodstock	...	...	1.61
Struie	...	...	0.90
Kew Park	...	0.58	2.70
Chester Castle	Hanover	0.66	2.46
Haughton Grove	...	...	2.61
Copse	...	0.36	2.01
Cacoon Castle	...	0.82	1.92
Golden Grove	...	0.52	2.86
Three Mile River	Westmoreland	...	...
George's Plain Estate	...	...	...
Fontabelle	...	...	2.79
King's Valley	...	...	1.49
Abingdon	Hanover	0.45	2.09
	Means	0.73	2.56

SOUTHERN DIVISION.		FEBRUARY. 1892. In.	FEBRUARY. Average. In.
Morant Point L. H.	St. Thomas	3.07	*2.26
Abbey	...	3.45	1.25
Bull Bay	...	1.80	...
Gordon Town	St. Andrew	1.76	...
Hope Gardens	...	0.88	1.13
Cherry Garden	...	1.31	1.24
King's House	...	1.75	1.29
Shortwood	...	...	
Constant Spring	...	...	...
Monaltrie	...	1.95	0.99
Camperdown	...	0.71	...
Public Works Office,	Kingston	0.29	0.65
Plumb Point L. H.	...	0.34	0.76
Spanish Town	St. Catherine	1.28	1.49
Windsor Park	...	1.38	1.03
Hog Hole Pen	...	0.66	1.78
Old Harbour	...	1.99	1.95
May Pen	Clarendon	...	...
Stone's Hope	Manchester	1.14	2.33
Alligator Pond	...	0.96	...
Potsdam	St. Elizabeth	2.75	1.37
Long Hill	...	3.77	1.74
Pepper	...	2.00	1.82
Torrington	...	1.94	...
Northampton	...	2.00	...
Santa Cruz Poorhouse	...	...	2.99
Peter's Ville	Westmoreland	...	...
Mount Edgecombe	...	0.75	2.47
Sweet River		0.30	2.56
Windsor (Sav.-la-Mar)	...	...	2.50
Sav.-la-Mar P. W. Office	...	2.09	...
	Means	1.61	1.56

COMPARATIVE TABLE OF RAINFALL.

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

	FEBRUARY. 1892. In.	FEBRUARY. Average. In.
North Eastern Division	1.99	3.74
Northern "	0.27	2.26
West Central "	0.73	2.56
Southern "	1.61	1.56
The Island	1.15	2.53

The Rainfall was very deficient in every division except the Southern where there fell about the average amount of rain.

The greatest fall, viz. 5.23 inches was recorded at Annotto Bay and no rain fell at the following, places, Seville in St. Ann, Braco, Harmony Hall, Oxford, Holland Pen, Tilston, Orange Valley and Gales Valley in Trelawny, Greenwood, Belfield, Guilsbro, Leogan, Catherine Hall, Fairfield, Anchovy and Eden, in St. James and Flint River and Orange Cove in Hanover. All these places where no rain fell are in the Northern Division which thus suffered severely; it will be seen that the mean for this division was only 0.27 inches.

ROBT. JOHNSTONE.

Kingston, 16th April, 1892.

NOTE:—In order to reduce the amount of printing in the Jamaica Gazette, in place of the abstracts which were published in the Gazette, more complete Weather Reports will be issued monthly from the Printing Office, and sent to Rainfall contributors, and various societies and persons.

No. 142.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

MARCH, 1892.

KINGSTON.—METEOROLOGICAL RESULTS.

Elevation above Sea-level 50 feet.

Date.	Pressure.		Temperature.					Dewpoint.		Humidity.		Wind. Direction from, and miles per hour.						Total miles for the day.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.		3 p.m.		Means for the day.		
	In.	In.	°	°	°	°	°	°	°									
1	30.052	29.987	64.7	80.0	83.0	64.0	19.0	60.0	64.8	85	60	Z	0	S	4	S	4	96
2	.042	30.002	67.8	82.0	82.0	65.2	16.8	63.3	67.6	86	62	Z	0	S	1	Var.	6	139
3	.021	29.956	71.1	80.2	84.0	66.8	17.2	64.5	65.8	80	62	N	1	NW	8	Var.	5	120
4	29.998	.930	70.6	84.5	85.0	68.0	17.0	63.8	66.2	79	55	N	1	S	2	Var.	5	109
5	30.005	.914	70.2	82.9	86.2	68.0	18.2	62.6	62.2	76	62	N	1	SSE	6	SSE	4	90
6	29.974	.918	72.0	85.2	86.8	69.0	17.8	64.7	67.9	78	55	Z	0	SSE	11	SSE	6	148
7	.958	.870	71.6	82.4	85.8	70.0	15.8	67.6	69.9	87	66	Z	0	SSE	15	SE	8	185
8	.942	.836	78.2	83.4	84.8	76.9	7.9	69.4	78.9	74	74	SE	9	SSE	11	SSE	9	225
9	.974	.954	77.9	82.9	84.8	75.4	9.4	74.0	73.4	88	73	SE	6	SSE	9	SSE	8	190
10	30.009	.968	74.2	86.1	87.8	72.3	15.5	69.0	72.7	84	67	N	4	SSE	13	SSE	5	132
11	.060	.960	73.9	86.4	86.7	73.5	13.2	68.5	70.4	83	59	N	3	SSW	6	SSW	4	88
12	.040	.950	69.7	83.4	86.7	69.7	17.0	68.0	68.7	94	61	Z	0	SSE	10	SSE	4	100
13	.017	.950	73.7	85.5	85.5	70.5	15.0	68.7	66.5	84	53	N	3	SW	5	Var.	4	94
14	.017	.936	72.0	82.4	86.3	70.0	16.3	64.9	71.6	79	70	N	3	SSE	8	SSE	6	138
15	29.981	.879	71.3	83.6	86.3	71.0	15.3	65.1	70.8	81	65	N	2	SSE	13	SSE	5	126
16	.966	.920	73.2	83.4	87.3	71.5	15.8	66.6	71.4	80	63	N	3	SE	6	SE	4	106
17	.976	.911	72.2	84.9	88.0	71.5	16.5	67.0	72.2	84	68	Z	0	SE	6	Var.	4	97
18	.968	.918	74.4	82.2	86.6	72.0	14.6	67.8	72.3	80	72	N	1	SSE	9	SSE	4	89
19	30.018	.948	73.6	85.4	87.3	72.8	14.5	67.2	71.4	80	63	N	1	S	5	S	4	94
20	.030	.953	72.7	87.1	88.3	71.8	16.5	68.7	68.1	87	53	Z	0	S	4	S	3	77
21	.039	.949	73.0	87.5	87.7	69.2	18.5	67.2	72.0	82	60	N	1	S	7	S	3	75
22	.016	.969	74.3	81.2	83.3	70.8	12.5	69.0	72.2	86	74	N	1	Z	0	Var.	2	47
23	.041	30.001	72.2	82.7	83.1	67.8	15.3	68.5	68.6	86	63	Z	0	SE	10	SE	5	118
24	.103	.006	71.1	82.2	84.3	68.6	15.7	68.7	71.5	78	70	Z	0	SSE	14	SSE	6	155
25	.074	29.989	71.6	82.9	86.3	67.3	19.0	68.4	71.4	75	68	N	2	SSE	14	SSE	7	172
26	.040	.972	71.2	82.3	84.4	69.5	14.9	63.8	70.3	77	67	Z	0	SSE	15	SSE	7	172
27	.048	30.007	70.5	84.3	84.3	66.8	17.5	62.5	66.7	76	56	Z	0	S	7	S	4	108
28	.097	.032	70.4	84.7	84.4	67.8	16.6	64.2	75.4	81	76	N	2	SSE	6	S	4	95
29	.084	.021	71.4	85.8	86.7	67.2	19.5	65.6	76.3	82	73	Z	0	SW	6	Var.	3	66
30	.077	29.998	73.4	86.1	87.3	68.8	18.5	68.2	70.0	82	59	Z	0	SSE	6	Var.	4	94
31	.066	.985	73.6	86.9	88.0	70.5	17.5	66.3	67.9	78	53	N	2	S	4	SSW	4	104
Means.	30.039	29.956	72.2	83.9	85.8	69.8	16.0	66.4	70.3	82	64	N	1.5	S by E	7.1	S by E	4.9	117.6

KINGSTON :—METEOROLOGICAL RESULTS.

Elevation above Sea-level 50 feet

Date.	Upper Cloud. (in tenths of the sky.) 7 a.m.	Upper Cloud. 3 p.m.	Lower Cloud. (in tenths of the sky.) 7 a.m.	Lower Cloud. 3 p.m.	Rainfall.	Weather: Remarks, &c.
1	...	...	...	4 Str. Cum.	0.00	Fine.
2	1Cir.	...	2 Cum.	...	0.00	Fine.
3	...	...	...	4 Str. Cum.	0.00	Fine.
4	...	...	6 Str. Cum.	7 Str. Cum.	0.00	Fair.
5	...	...	...	10 Str. Cum.	0.00	Fine a.m. Fair p.m.
6	...	...	...	1 Alt. Cum.	0.00	Fine.
7	...	...	4 Cum.	1 Cum.	0.00	Fair.
8	...	...	6 Cum.	1 Cum.	0.00	Fine a.m. Fair p.m.
9	...	...	10 Cum. Nim.	10 Cum.	0.04	Light passing showers early a.m. Fair p.m.
10	...	...	...	2 Cum.	0.00	Fine.
11	...	...	1 Cum.	8 Str. Cum.	0.00	Fine a.m.. Fair p.m.
12	...	...	...	10 Str. Cum.	0.00	Fine a.m. Fair p.m.
13	...	...	...	10 Cum.	0.00	Fine a.m. Fair p.m.
14	...	...	...	10 Str. Cum.	0.00	Fine.
15	...	...	...	3 Cum.	0.00	Fine.
16	...	...	6 Str. Cum.	10 Str. Cum.	0.00	Fair.
17	...	...	...	4 Str. Cum.	0.00	Fair.
18	...	...	1 Cum.	10 Str. Cum.	0.00	Fair a.m. Cloudy p.m.
19	...	...	...	1 Cum.	0.00	Fine.
20	...	...	1 Alt. Cum. 4 Str. Cum.	6 Cum.	0.00	Cloudy a.m. Fine p.m.
21	...	...	...	3 Cum.	0.00	Fine.
22	...	...	5 Str. Cum.	10 Str. & Str. Cum.	0.10	Fair a.m. Cloudy p.m. Rain 3-45 to 5 p.m.
23	...	3 Cir. Cum. NE.	10 Str. Cum.	3 Str. Cum. & Cum. E	0.05	Rain from 10-20 a.m. to Noon. Fair p.m.
24	...	...	10 Str. Cum.	1 Cum.	0.00	Cloudy a.m. Fine p.m.
25	...	...	...	4 Cum.	0.00	Fair.
26	...	...	1 Cum.	1 Cum.	0.00	Fine.
27	...	...	...	10 Str. Cum.	0.00	Fine a.m. Fair p.m.
28	...	...	...	10 Str. Cum.	0.00	Fine a.m. Fair p.m.
29	...	...	6 Str. Cum. 2 Str.	6 Str. Cum	0.00	Fair.
30	4 Cir. Cum., SE.	...	1 Alt. Cum.	1 Cum.		Fair.
31	...	...	1 Cum.	4 Str. Cum. 1 Str.		Fine.
Means.	2 o/o	1 o/o	25 o/o	54 o/o		Fine.
Total.					0.19	

RESULTS AT OTHER STATIONS.

Station.	Elevation.	Means for the Month. Temperature. 7 a.m.	3 p.m.	Max.	Min.	Range.	Dewpoint. 7 a.m.	3 p.m.	Humidity. 7 a.m.	3 p.m.	Extremes for the Month. Temperature. Max.	Date.	Min.	Date.	Range.	Total Rainfall.
	ft.	°	°	°	°	°	°	°			°		°		°	in.
Kings House ...	400	68.4	86.5	86.6	65.0	21.6	62.4	70.6	81	59	90	13*	61	12	29	0.10
Castleton Gardens ...	580	65.7	79.1	82.7	64.4	18.3	64.3	70.0	93	74	85	8†	55	1	30	1.92
Hope Gardens ...	600	68.7	84.1	86.9	70.3	16.6	63.9	70.4	84	46	92	27	65	4‡	27	0.25
Cinchona Plantation ...	4,907	58.1	63.1	67 5	57.2	10.3	52.0	59.3	80	86	71	19	48	1 & 2	23	0.96

* Also 20 and 26 † and 4 other days ‡ and 3 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 :—

	March. 1892.	Average.
Infantile diseases not otherwise specified ...	24	32
Lung diseases ...	22	17
Fever ...	6	7
Dysentery and Diarrhœa	11	15
Various ...	69	68
Total	132	139

Of the various, one was due to influenza.

Cinchona Plantation.

The following are means for the month in addition to those published above :—

		in.
Barometic pressure	7 a.m.	25.323
" "	3 p.m.	25.315
Temperature—		°
6 feet underground	7 a.m.	61.0
" "	3 p.m.	61.2
Direction of the wind ...	...	E
Velocity of the wind in miles per day ...		41.4

The maximum and minimum temperatures for the month at Newhaven Gap were respectively 73°3 and 44°5 and the rainfall amounted to 0.06 inches.

BLUE MOUNTAIN PEAK :—ELEVATION 7,406 FEET

Day.	Hour.	Temperature. Max.	Temperature. Min.	Temp.	Rain.	Remarks.	Observer's Initials.
1892.		°	°	°	in.		
January 30th ...	11.15 a.m.	70	35	60	14.80	Clear and sunny.	M. F. B.
February 27th ...	11.30 a.m.	73	42	60	8.00	Fine, bright and windy.	M. F. B.
April 2nd ...	11.35 a.m.	73	38	55	2.65	Cold cloudy with rain.	M. F. B.

NOTE—The Barometric pressure is the reading of the Barometer corrected for instrumental error, and reduced to 32°, that of Kingston being further reduced to Sea-level. The Thermometers are similarly exposed in Stevenson's screens at all the above Stations; their readings have all been corrected.

RAINFALL FOR MARCH, 1892.

The first columns contain all the Rainfall Returns sent in for publication up to the date of this report; the second columns contain the corresponding average Rainfall according to the Tables published in January, 1892, as No. 124 (A) of the present series of Reports. In obtaining the mean Rainfall for the month from the numbers in the first columns, only those Stations are considered for which the average Rainfall has been given in the second columns; so that the results of these two columns are directly comparable. These results are more clearly shown in the Comparative Table at the end of these Rainfall Returns :—

North-Eastern Division.		March. 1892. In.	March. Average. In.
Hordley	St. Thomas	...	4.44
Boston	Portland	...	5.04
Port Antonio	...	2.95	4.28
Fellowship	...	3.45	
Cinchona Plantation	St. Andrew	0.96	6.38
Buff Bay	Portland	3.40	...
Cold Spring	St. Andrew	...	...
Annotto Bay	St. Mary	5.45	...
Stony Hill Reformatory	St. Andrew	0.63	3.11
Castleton Gardens	St. Mary	1.92	4.45
Lawrence's Tavern	St. Andrew	0.90	...
Quebec	...	...	2.85
Richmond	...	...	...
Highgate	...	...	...
Free Hill	...	1.86	...
Gayle	...	1.35	5.10
Lucky Hill	...	1.61	...
Rio Hoe	St. Ann	1.73	4.63
Unity Valley	...	2.75	4.28
Moneague	...	1.59	...
Claremont	...	1.80	...
Pedro	...	...	...
Albion	...	2.43	3.87
Averham Park	...	2.09	3.20
Alderton	...	...	...
	Means	1.87	4.37

Northern Division.		March. 1892. In.	March. Average. In.
Port Maria	St. Mary	5.12	3.25
Drax Hall	St. Ann	1.84	3.62
St. Ann's Bay	St. Ann	2.25	...
Seville	...	...	3.78
Llandovery	...	2.35	2.35
Richmond Estate	...	...	2.32
Southfield	...	...	...
Brown's Town	...	...	...
Home Castle	...	1.05	2.27
Richmond Pen	...	3.41	2.15
Mahogany Hall	Trelawny	2.20	1.87
Braco	...	0.86	1.79
Arcadia	...	2.00	1.75
Harmony Hall	...	1.60	1.70
Lancaster	...	1.37	2.17
Vale Royal	...	0.51	2.26
Colchis Pen	...	0.73	1.05
Hyde	...	2.98	2.89
Georgia	...	...	1.98
Steelfield	...	2.62	2.18
Oxford	...	2.73	1.48
Cambridge	...	3.83	2.18
Dry Valley	...	3.43	...
Lottery	...	2.38	2.02
Falmouth	...	1.21	1.80
Falmouth P. W. Office	...	1.55	...
Holland Pen	...	1.00	1.56
Pembroke	...	...	2.00
Golden Grove	...	1.78	2.30
Tilston	...	1.75	2.55
Weston Favel	...	2.69	2.06
Green Park	...	3.00	2.01
Orange Valley	...	1.70	1.64
Kent	...	1.67	1.77
Dundee	...	2.52	2.18
Phœnix	...	2.51	2.14
Gale's Valley	...	2.65	2.02
Greenwood	St. James	1.94	1.64
Bellfield	...	...	...
Guilsbro'	...	1.55	1.60
Leogan	...	2.17	1.89
Cinnamon Hill	...	4.28	1.05
Rose Hall	..	3.35	1.05
Running Gut	...	2.00	1.41
Ironshore	...	0.58	1.35
Friendship	...	1.50	...
Providence	...	...	1.10
Montego Bay P. W. Office	...	...	...
Catherine Hall	...	0.60	1.94
Catherine Mount	...	3.49	1.66

Northern Division *contd.*		March. 1892.	March. Average.
		In.	In.
Fairfield	St James	0.83	1.89
Anchovy	...	3.39	1.67
Eden	...	1.38	1.45
Wiltshire	...	...	2.65
Round Hill	Hanover	2.35	2.09
Flint River	...	2.90	...
Tryall	...	2.87	1.67
Sandy Bay	...	3.18	...
Kew	...	...	3.45
Lucea P. W. Office	...	1.05	...
Haughton Court	...	...	2.64
Orange Cove	...	2.35	2.69
Central Sub-Division—			
Headworks, R. C. C	St. Catherine	...	3.76
Linstead	...	...	2.14
Ewarton	...	...	...
Chapelton	Clarendon	0.72	2.85
Savoy	...	...	...
Cave Valley	St. Ann	0.81	3.20
	Means	2.10	2.00

West Central Division.		March. 1892.	March. Average.
		In.	In.
Watson's Gate	Manchester	3.71	...
Farm Plantation		0.96	3.35
Brokenhurst Plantation	...	2.35	3.04
Mandeville	...	3.92	4.76
Balaclava	St. Elizabeth	2.09	...
Appleton	...	2.28	4.29
Windsor Pen	Trelawny	3.31	1.13
Spring Vale	St. James	1.11	2.84
Maroon Town	...	1.17	3.14
Kempshot	...	1.93	2.35
Kepp	St. Elizabeth	...	3.71
Windsor Forest	Westmoreland	...	4.17
Woodstock	...	...	3.01
Struie	...	...	2.52
Kew Park	...	...	2.41
Chester Castle	Hanover	8.01	2.89
Haughton Grove	...	...	2.12
Copse	...	...	2.55
Cacoon Castle	...	...	2.35
Golden Grove	...	6.15	3.21
Three Mile River	Westmoreland	...	...
George's Plain Estate	...	...	...
Fontabelle	...	...	3.03
King's Valley	...	...	2.79
Abingdon	Hanover	4.50	3.41
	Means	3.24	3.08

Southern Division.		March. 1892.	March. Average.
		In.	In.
Morant Point L. H.,	St. Thomas	1.42	2.02
Abbey	...	0.50	2.72
Bull Bay	...	0.18	...
Gordon Town	St. Andrew	0.50	...
Hope Gardens	...	0.25	2.36
Cherry Garden	...	...	2.56
King's House	...	0.10	1.65
Shortwood	...	...	...
Constant Spring	...	...	...
Monaltrie	...	0.64	1.63
Halfway-Tree	...	0.46	...
Camperdown	...	0.20	...
Public Works Office,	Kingston	0.23	1.38
Plumb Point L. H.	...	0.27	1.17
Spanish Town	St. Catherine	0.07	2.79
Windsor Park	...	...	2.21
Hog Hole Pen	...	0.41	3.11
Old Harbour	...	1.48	2.41
May Pen	Clarendon	...	...
Stone's Hope	Manchester	0.72	2.96
Alligator Pond	...	0.58	...
Potsdam	St. Elizabeth	0.82	2.93
Long Hill	...	5.22	3.12
Pepper	...	6.15	3.96
Torrington	...	...	...
Northampton	...	...	...
Santa Cruz Poorhouse	...	3.10	3.13
Peter's Ville	Westmoreland	...	...
Mount Edgecombe	...	2.25	2.77
Sweet River	...	3.92	3.19
Windsor (Sav.-la-Mar)	...	2.81	2.93
Sav.-la-Mar P. W. Office	...	...	...
	Means	1.69	2.56

Comparative Table of Rainfall.

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

	March. 1892.	March. Average.
	In.	In.
North Eastern Division	1.87	4.37
Northern "	2.10	2.0[illegible]
West Central "	3.24	3.08
Southern "	1.69	2.56
The Island	2.22	3.00[illegible]

The Rainfall was about the average in the Northern and Western Central Divisions and below it in the North-Eastern and Southern Divisions.

The greatest fall, viz. 8.01 inches was recorded at Chester Castle, Hanover, and the smallest 0.07 in. at Spanish Town.

Robt. Johnstone.

Kingston, 5th May, 1892.

Note:—In order to reduce the amount of printing in the Jamaica Gazette, in place of the abstracts which were published in the Gazette, more complete Weather Reports will be issued monthly from the Printing Office, and sent to Rainfall contributors, and various societies and persons.

No. 143.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

APRIL, 1892.

KINGSTON :—METEOROLOGICAL RESULTS.

Elevation above Sea-level 50 feet.

Date.	Pressure.		Temperature.					Dewpoint.		Humidity.		Wind. Direction from, and miles per hour.						Total miles for the day.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	7 a.m	3 p.m.	7 a.m.	3 p.m.	7 a.m.		3 p.m.		Means for the day.		
	In.	In.	°	°	°	°	°	°	°									
1	30.086	30.020	73.9	81.2	86.3	69.5	16.8	67.0	68.6	79	66	N	2	SSE	10	SSE	6	125
2	.091	.045	71.9	83.0	84.3	67.8	16.5	66.1	67.5	82	60	Z	0	S	4	SE	4	92
3	.114	.058	71.7	80.4	81.3	67.2	14.1	66.3	66.3	83	62	N	2	S	4	Var.	3	70
4	.132	.061	75.4	82.4	84.3	70.0	14.3	62.5	61.0	64	49	SE	6	SE	15	SE	9	209
5	.153	.082	75.9	83.4	85.8	68.9	16.9	64.8	62.0	69	49	E	3	SE	15	SE	7	179
6	.146	.074	71.2	81.9	84.0	68.8	15.2	60.1	64.0	68	55	Z	0	SE	12	SE	6	133
7	.104	.015	71.5	81.6	84.4	66.8	17.6	63.8	64.9	77	57	Z	0	SE	14	SE	6	137
8	.070	29.979	70.9	82.0	84.8	66.9	17.9	61.2	67.0	72	61	N	2	SSE	11	SSE	5	129
9	.011	.982	71.6	81.4	85.5	68.2	17.3	62.2	69.3	72	67	N	2	SSE	6	S	4	90
10	.028	.981	73.9	84.2	84.8	68.0	16.3	64.9	64.8	73	52	N	2	S	6	S	3	82
11	.042	.980	74.2	84.5	87.0	69.0	18.0	65.9	68.7	75	59	Z	0	SE	8	SSE	4	105
12	.084	30.019	73.7	83.1	86.9	69.8	17.1	64.5	66.9	73	58	N	2	SSE	7	SSE	4	95
13	.066	29.982	72.4	89.1	89.2	68.6	20.6	67.8	66.7	86	48	Z	0	S	6	S	3	84
14	.051	.955	73.9	85.2	89.7	66.9	22.8	64.7	69.7	73	60	Z	0	SSE	7	S	4	101
15	.055	.978	72.2	86.9	87.0	70.9	16.1	63.5	64.8	74	48	N	3	S	6	S	4	105
16	.060	.996	75.8	84.8	86.2	70.4	15.8	61.1	71.3	60	64	N	4	SSE	6	S	4	101
17	.055	.962	73.2	87.5	88.0	70.0	18.0	64.8	63.6	75	45	N	2	SSW	6	Var.	4	100
18	.024	.972	75.9	84.7	85.9	71.3	14.6	65.1	69.0	69	59	N	6	SSE	8	SSE	6	142
19	.023	.994	76.8	79.4	86.5	71.8	14.7	67.6	75.0	73	87	E	3	E	4	SSE	3	73
20	.032	.967	72.2	75.6	85.6	69.7	15.9	69.9	74.4	93	96	Z	0	SE	7	SSE	3	79
21	.031	.971	72.2	83.3	85.3	69.7	15.6	67.8	70.1	86	65	N	5	S	4	Var.	3	69
22	.021	.954	73.4	84.2	86.0	69.8	16.2	66.1	71.0	78	65	N	2	SE	14	SE	6	153
23	.010	.930	73.7	83.8	86.3	70.8	15.5	66.8	70.2	79	64	N	3	SE	15	SE	6	138
24	.051	.976	74.0	81.4	85.5	69.9	15.6	65.7	69.3	75	67	N	2	Var.	4	SE	4	86
25	.063	30.006	72.2	76.7	84.5	69.4	15.1	68.2	73.0	87	88	N	1	SE	1	SE	3	77
26	.032	29.972	74.2	81.6	84.9	69.8	15.1	65.9	71.6	75	72	N	2	SSE	12	SSE	4	94
27	.019	.930	74.4	86.2	87.0	69.9	17.1	69.7	69.9	85	58	N	2	S	6	Var.	4	93
28	29.979	.930	72.6	87.2	89.1	70.3	18.8	69.7	67.6	91	52	Z	0	SSW	6	SW	3	81
29	30.028	.972	75.6	82.6	88.6	69.2	19.4	66.7	69.7	74	65	Z	0	SE	10	S	4	88
30	.089	30.050	75.2	84.3	87.8	69.6	18.2	67.8	70.0	78	62	Z	0	SE	10	S	4	108
Means.	30.058	29.993	73.5	83.1	86.1	69.3	16.8	65.6	68.3	76	62	N	1.9	SSE	8.0	SSE	4.5	107.3

KINGSTON :—METEOROLOGICAL RESULTS.

Elevation above Sea-level 50 feet

Date.	Upper Cloud. (in tenths of the sky.) 7 a.m.	Upper Cloud. 3 p.m.	Lower Cloud (in tenths of the sky.) 7 a.m.	Lower Cloud 3 p.m.	Rainfall.	Weather: Remarks, &c.
1	...	...	...	10 Str. cum.	0.00	Fine a.m. Cloudy p.m.
2	...	...	...	10 Str. cum.	0.00	Fair a.m. Cloudy in afternoon to 5 p.m.
3	...	...	10 Str. cum. & Cum nim.	10 Str. cum.	0.00	Cloudy, drizzle at 5.30 p.m.
4	...	...	4 Cum., E	4 Cum.	0.00	Fair.
5	...	...	5 Str. cum. } E 2 Cum. nim. }	2 Cum. } E 8 Str. cum. }	0.00	Cloudy a.m. Fair p.m.
6	...	...	8 Cum & Str. } cum. }	3 Cum. } 7 Str. cum. }	0.00	Squally at 11 a.m. Cloudy p.m.
7	...	...	10 } Str. cum. & Cum. nim.	1 Str. cum.	0.00	Cloudy, light drizzle at 10 a.m. Fine p.m.
8	...	...	...	7 Str. cum.	0.00	Fair a.m. Fine p.m.
9	...	...	10 Cum., E.	5 Str. } 5 Str. cum. }	0.00	Fair.
10	...	...	...	5 Alt. str. } 5 Str. cum. }	0.00	Fine a.m. Cloudy p.m.
11	6 Cir. } SW 4 Cir. s. }	5 Cir. } SW. 5 Cir. s. }	...	...	0.00	Fair.
12	4 Cir. S W.	...	...	10 Str. cum. E.	0.00	Fine a.m. Fair p.m.
13	...	...	...	3 Cum. E.	0.00	Fair a.m. Fine p.m.
14	...	...	...	3 Cum.	0.00	Fine.
15	...	...	...	4 Cum.	0.00	Fair a.m. Fine p.m.
16	2 Cir. W.	2 Cir., W.	...	1 Cum. E.	0.00	Fine.
17	1 Cir. W.	8 Cir., W.	...	2 Cum. NW.	0.00	Fine.
18	2 Cir. W.	...	7 Str. cum. } & Cum., E. }	10 Cum. E.	0.00	Fair.
19	...	...	5 Cum., E.	4 Cum. } 6 Str. cum. } E & Cum nim }	0.15	Fair a.m. Cloudy p.m. Rain from 1 to 2 p.m.
20	...	...	...	5 Cum. nim. } 5 Nim. }	0.27	Fine a.m., drizzle from 1.30 p.m. to 4 p.m.
21	...	...	8 Str. cum. } 2 Cum. nim. }	2 Cum. E.	0.02	Rain at 5.30 a.m., drizzle at 11 a.m. Rain on hills 11 to 12 noon. Fine p.m.
22	...	...	...	3 Cum. E.	0.00	Fine.
23	...	...	2 Cum., E.	8 Str. cum & Cum	0.00	Fair.
24	...	...	10 Str. cum.	5 Str. cum. } 5 Cum. nim. }	0.17	Cloudy, rain 3.30 p.m. to 4 p.m.
25	...	...	10 Str. cum. } & Str. }	10 Str. cum. } E Cum. nim }	0.20	Cloudy, rain from 12,30 p.m. to 2.30 p.m.
26	5 Cir., W.	...	5 Str. cum. E.	4 Cum.	0.00	Fair.
27	10 Cir., W.	6 Cir., W.	...	4 Cum. E.	0.00	Fair.
28	3 Cir., WSW.	2 Cir.	...	5 Str. cum.	0.00	Fine a.m. Fair p.m.
29	3 Cir., SW.	...	...	10 Str. cum.	0.00	Fine a.m. Fair p.m.
30	8 Cir., W.	...	...	6 Cum.	0.00	Fine a.m. Fair p.m.
Means. Total.	16 o/o	9 o/o	33 o/o	64 o/o	0.81	Fair, with a few showers.

RESULTS AT OTHER STATIONS.

Station.	Elevation.	Means for the Month. Temperature. 7 a.m.	3 p.m.	Max.	Min.	Range.	Dewpoint. 7 a.m.	3 p.m.	Humidity. 7 a.m.	3 p.m.	Extremes for the Month. Temperature. Max.	Date.	Min.	Date.	Range.	Total Rainfall.
	ft.	°	°	°	°	°	°	°			°		°		°	in.
Kings House ...	400	70.0	84.4	88.2	64.9	23.3	64.9	76.0	84	54	92	19	63	17	29	2.60
Castleton Gardens ...	589	66.9	79.5	83.9	62.7	21.2	64.8	72.3	93	78	86	10&17	58	5	28	2.38
Hope Gardens ...	600	70.6	82.8	86.2	67.8	18.4	64.7	69.5	81	57	93	21	63	8 & 9	30	4.34
Cinchona Plantation ...	4,907	58.8	64.0	68.4	57.0	11.4	52.2	58.9	78	93	72	28	50	5	22	1.90

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 :—

	April. 1892.	Average.
Infantile diseases not otherwise specified ...	21	27
Lung diseases ...	11	16
Fever ...	2	9
Dysentery and Diarrhœa	13	15
Various ...	42	55
Total	89	122

Of the various, two were due to influenza.

CINCHONA PLANTATION.

The following are means for the month in addition to those published above :—

		in.
Barometic pressure	7 a.m.	25.349
" "	3 p.m.	25.343
Temperature—		°
6 feet underground	7 a.m.	61.0
" "	3 p.m.	61.0
Direction of the wind ...	...	ESE
Velocity of the wind in miles per day ...		50.5

The maximum and minimum temperatures for the month at Newhaven Gap were respectively 74°3 and 48°5 and no rain fell.

BLUE MOUNTAIN PEAK :—ELEVATION 7,406 FEET.

Day.	Hour.	Temperature. Max.	Temperature. Min.	Temp.	Rain.	Remarks.	Observer's Initials.
1892.		°	°	°	in.		
January 30th ...	11.15 a.m.	70	35	60	14.90	Clear and sunny.	M. F. B.
February 27th ...	11.30 a.m.	73	42	60	8.00	Fine, bright and windy.	M. F. B.
April 2nd ...	11.35 a.m.	73	38	55	2.65	Cold cloudy with rain.	M. F. B.
April 30th	1.40 p.m.	73	39	61	6.85	Cloudy no rain.	M. F. B.

NOTE—The Barometric pressure is the reading of the Barometer corrected for instrumental error, and reduced to 32°, that of Kingston being further reduced to Sea-level. The Thermometers are similarly exposed in Stevenson's screens at all the above Stations; their readings have all been corrected.

RAINFALL FOR APRIL, 1892.

The first columns contain all the Rainfall Returns sent in for publication up to the date of this report; the second columns contain the corresponding average Rainfall according to the Tables published in January, 1892, as No. 124 (A) of the present series of Reports. In obtaining the mean Rainfall for the month from the numbers in the first columns, only those Stations are considered for which the average Rainfall has been given in the second columns; so that the results of these two columns are directly comparable. These results are more clearly shown in the Comparative Table at the end of these Rainfall Returns :—

NORTH-EASTERN DIVISION.

		April. 1892. In.	April. Average. In.
Hordley	St. Thomas	...	5.58
Boston	Portland	...	6.79
Port Antonio	...	4.85	6.87
Fellowship	...	8.60	
Cinchona Plantation	St. Andrew	1.90	7.17
Buff Bay	Portland	2.93	...
Cold Spring	St. Andrew	...	...
Annotto Bay	St. Mary	1.43	...
Stony Hill Reformatory	St. Andrew	2.90	5.30
Castleton Gardens	St. Mary	2.38	6.74
Lawrence's Tavern	St. Andrew	1.61	...
Quebec	St. Mary	...	3.36
Richmond	...	...	...
Highgate	...	2.23	...
Free Hill	...	...	...
Gayle	...	0.85	4.50
Lucky Hill	...	...	...
Rio Hoe	St. Ann	1.62	4.40
Unity Valley	...	1.76	4.76
Moneague	...	1.56	...
Claremont	...	0.55	...
Pedro	...	...	...
Albion	...	1.35	4.55
Averham Park	...	0.88	5.13
Alderton	...	...	...
	Means	2.05	5.49

NORTHERN DIVISION.

		April. 1892. In.	April. Average. In.
Port Maria	St. Mary	1.14	2.79
Drax Hall	St. Ann	1.52	2.84

NORTHERN DIVISION, *contd.*

		April. 1892. In	April. Average. In.
St. Ann's Bay	St. Ann	1.15	...
Seville	...	...	2.85
Llandovery	...	...	2.76
Richmond Estate	...	0.65	2.56
Southfield	...	...	...
Brown's Town	...	1.77	...
Home Castle	...	0.21	2.37
Richmond Pen	...	1.10	4.15
Mahogany Hall	Trelawny	0.88	3.37
Braco	...	0.52	2.32
Arcadia	...	0.02	2.02
Harmony Hall	...	0.33	1.91
Lancaster	...	0.87	2.26
Vale Royal	...	0.30	2.67
Colchis Pen	...	0.16	3.02
Hyde	...	0.88	2.85
Georgia	...	...	2.19
Steelfield	...	0.53	2.26
Oxford	...	0.55	1.95
Cambridge	...	1.35	2.57
Dry Valley	...	0.65	...
Lottery	...	0.75	2.00
Falmouth	...	1.00	2.04
Falmouth P. W. Office	...	0.35	...
Holland Pen	...	0.90	2.41
Pembroke	...	...	2.71
Golden Grove	...	1.08	2.30
Tilston	...	1.65	2.36
Weston Favel	...	3.84	3.48
Green Park	...	.	1.68
Orange Valley	...	1.85	1.75
Kent	...	1.28	2.02
Dundee	...	3.08	1.86
Phœnix	...	3.29	4.51
Gale's Valley	...	1.20	2.51
Greenwood	St. James	1.94	1.61
Bellfield	...	...	...
Guilsbro'	...	0.40	3.27
Leogan	...	...	2.57
Cinnamon Hill	...	...	1.49
Rose Hall	...	...	1.43
Running Gut	...	...	1.77
Ironshore	...	0.19	2.65
Friendship	...	0.85	...
Providence	...	...	2.97
Montego Bay P. W. Office	...	...	...
Catherine Hall	...	0.00	2.93
Catherine Mount	...	0.30	2.93

Northern Division *contd.*		April. 1892.	April. Average.
		In.	In.
Fairfield	St James	0.71	3.16
Anchovy	...	0.27	3.44
Eden	...	0.65	4.38
Wiltshire	...	...	4.07
Round Hill	Hanover	0.35	2.26
Flint River	...	1.72	...
Tryall	...	2.00	3.03
Sandy Bay	...	1.27	...
Kew	...	0.50	5.04
Lucea P. W. Office	...	...	...
Haughton Court	...	...	2.78
Orange Cove	...	0.30	3.68
Central Sub-Division—			
Headworks, R. C. C.	St. Catherine	...	3.47
Linstead	...	...	5.16
Ewarton	...	...	...
Chapelton	Clarendon	...	3.18
Savoy	...	...	...
Cave Valley	St. Ann	0.97	5.40
	Means	0.99	2.82

West Central Division.		April. 1892.	April. Average.
		In.	In.
Watson's Gate	Manchester	...	...
Farm Plantation		3.73	4.05
Brokenhurst Plantation	...	2.90	6.06
Mandeville	...	2.04	3.98
Balaclava	St. Elizabeth	7.57	...
Appleton	...	8.27	9.70
Windsor Pen	Trelawny	4.01	6.79
Spring Vale	St. James	...	4.82
Maroon Town	...	...	7.93
Kempshot	...	...	4.81
Kepp	St. Elizabeth	9.07	9.83
Windsor Forest	Westmoreland	...	10.10
Woodstock	...	...	10.74
Struie	...	...	7.78
Kew Park	...	7.13	8.61
Chester Castle	Hanover	2.94	7.35
Haughton Grove	...	...	6.35
Copse	...	2.38	5.81
Cacoon Castle	...	...	5.28
Golden Grove	...	2.65	9.05
Three Mile River	Westmoreland	...	...
George's Plain Estate	...	...	...
Fontabelle	...	...	5.22
King's Valley	...	4.25	5.03
Abingdon	Hanover	3.80	5.62
	Means	4.43	6.84

Southern Division.		April. 1892.	April. Average.
		In.	In.
Morant Point L. H.,	St. Thomas	2.01	2.97
Morant Bay	...	6.52	...
Abbey	...	1.30	2.78
Bull Bay	...	0.13	...
Gordon Town	St. Andrew	2.51	...
Hope Gardens	...	4.34	2.45
Cherry Garden	...	...	3.53
King's House	...	2.60	2.72
Shortwood	...	...	...
Constant Spring	...	...	...
Monaltrie	...	2.56	1.42
Halfway-Tree	...	4.73	...
Camperdown	...	2.59	...
Public Works Office,	Kingston	0.81	1.08
Plumb Point L. H.	...	0.26	1.09
Spanish Town	St. Catherine	0.46	2.85
Windsor Park	...	...	3.06
Hog Hole Pen	...	1.45	3.33
Old Harbour	...	3.45	2.09
May Pen	Clarendon	1.28	...
Stone's Hope	Manchester	3.99	4.44
Alligator Pond	...	3.58	...
Potsdam	St. Elizabeth	2.85	5.30
Long Hill	...	8.00	8.92
Pepper	...	8.55	8.02
Torrington	...	4.03	...
Northampton	...	7.30	...
Santa Cruz Poorhouse	...	6.71	9.44
Black River	...	1.80	4.09
Peter's Ville	Westmoreland	...	...
Mount Edgecombe	...	6.39	4.29
Sweet River		4.59	4.92
Windsor (Sav.-la-Mar)	...	...	4.96
Sav.-la-Mar P. W. Office	...	4.12	...
	Means	3.45	4.01

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

	April. 1892.	April. Average
	In.	In.
North Eastern Division	2.05	5.49
Northern "	0.99	2.82
West Central "	4.43	6.84
Southern "	3.45	4.01
The Island	2.73	4.79

The Rainfall for the whole Island was thus about half the average. The North Eastern and Northern Divisions suffered most from the want of rain, receiving less than half the average fall, while the West Central received about a fourth less than the usual amount and the Southern received nearly its average.

The greatest fall, viz. 9.07 inches was recorded at Kepp in St. Elizabeth, and *no rain fell at Catherine Hall in St. James.*

Dr. Manners reports a shock of earthquake at the Abbey at about 4.30 a.m. on the 11th.

Kingston, 23rd May, 1892. Robt. Johnstone.

Note—The rainfall at Pepper for February, was wrongly reported as two inches, the actual fall was one inch.

Note:—In order to reduce the amount of printing in the Jamaica Gazette, in place of the abstracts which were published in the Gazette, more complete Weather Reports will be issued monthly from the Printing Office, and sent to Rainfall contributors, and various societies and persons.

No. 144.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

MAY, 1892.

KINGSTON:—METEOROLOGICAL RESULTS.

Elevation above Sea-level 50 feet.

Date.	Pressure.		Temperature.					Dewpoint.		Humidity.		Wind. Direction from, and miles per hour.						Total miles for the day.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	7 a.m	3 p.m.	7 a.m.	3 p.m.	7 a.m.		3 p.m.		Means for the day.		
	In.	In.	°	°	°	°	°	°	°									
1	30.102	30.049	75.2	84.6	88.5	69.8	18.7	69.0	66.4	80	55	N	2	S	6	S	4	98
2	.061	29.987	77.2	83.8	87.0	71.8	15.2	66.5	72.8	70	70	N	1	SE	8	SE	5	110
3	.050	30.004	75.9	83.8	86.8	71.1	15.7	66.5	73.2	73	71	N	3	SE	10	SE	5	115
4	.056	.006	78.6	82.4	87.5	72.8	14.7	67.3	62.7	68	52	N	2	SE	10	SSE	4	106
5	.038	29.962	76.2	82.8	86.3	72.8	13.5	67.5	69.1	75	63	N	4	SE	12	SE	5	113
6	.000	.930	76.1	75.4	81.8	72.3	8.5	69.8	73.9	81	95	NW	2	Z	0	Var.	3	84
7	29.958	.910	74.6	83.5	84.3	72.0	12.3	67.6	60.6	79	46	N	2	SE	9	SE	6	184
8	.992	.945	75.6	83.2	86.5	70.3	16.2	67.6	68.9	76	62	SE	2	SSE	11	SSE	5	118
9	.996	.941	77.2	87.2	88.3	71.4	16.9	67.3	70.8	72	58	N	4	SSE	8	SSE	4	108
10	30.021	.943	77.2	86.9	89.0	72.0	17.0	65.3	70.5	67	58	N	2	SSE	6	SSE	4	100
11	.030	.959	76.6	84.4	86.3	70.8	15.5	65.7	69.6	69	61	N	4	SSE	7	SSE	5	109
12	.039	.975	77.2	85.2	88.3	72.4	15.9	67.8	71.5	73	64	E	2	SE	11	SE	5	110
13	.049	.987	77.9	88.9	90.5	72.8	17.7	67.3	71.2	70	56	N	4	S	6	S	4	103
14	.050	30.033	79.9	77.6	89.3	73.0	16.3	69.5	73.9	71	89	SE	1	SE	4	Var.	4	91
15	.095	.052	77.7	83.0	87.8	73.3	14.5	70.1	71.7	78	69	NE	2	SE	10	SE	6	151
16	.063	.011	76.2	83.6	86.9	74.8	12.1	68.3	71.0	77	66	N	1	Var.	3	SSE	4	86
17	.041	29.977	77.6	82.1	87.3	74.0	13.3	69.2	70.8	75	69	N	2	SSE	12	SSE	6	135
18	29.997	.958	76.7	79.6	85.7	73.8	11.9	69.7	71.9	79	77	N	2	ESE	5	SSE	4	105
19	.950	.889	74.2	79.3	85.1	70.8	14.3	70.4	71.5	88	77	Z	0	SE	14	SE	4	92
20	.934	.891	78.9	76.2	84.1	72.4	11.7	71.3	74.0	78	93	SE	2	ESE	4	Var.	4	86
21	.908	.900	76.4	81.2	83.8	72.4	11.4	73.3	73.1	90	77	N	2	S	4	SSE	2	60
22	.919	.894	77.6	80.7	84.8	74.3	10.5	73.9	68.5	88	67	Z	0	SSE	5	S	3	63
23	.965	.940	77.6	84.7	86.1	73.7	12.4	72.2	75.1	84	73	Z	0	S	6	S	3	78
24	30.011	30.005	79.4	83.8	86.7	75.0	11.7	74.2	69.0	84	61	Z	0	SSE	8	SSE	4	108
25	.060	29.980	78.6	85.4	87.3	74.8	12.5	73.2	71.4	84	63	E	2	SSE	12	SSE	4	103
26	.024	.955	78.6	84.4	87.5	74.6	12.9	72.4	72.6	81	68	N	2	SSE	13	SSE	5	125
27	.006	.940	80.3	86.2	87.8	73.3	14.5	74.6	73.0	83	65	Z	0	SSE	12	SSE	5	123
28	29.994	.992	78.5	84.2	86.8	73.8	13.0	71.2	73.3	78	70	N	1	SSE	6	Var.	4	96
29	30.021	.959	78.4	87.7	89.1	72.8	16.3	69.6	74.1	74	64	N	3	SE	11	SE	5	118
30	29.980	.946	76.9	88.4	89.3	74.3	15.0	72.0	72.5	85	60	N	2	SE	11	Var.	4	93
31	.969	.957	76.7	87.4	88.5	73.8	14.7	67.4	66.9	73	51	N	2	SE	11	SE	6	144
Means.	30.012	29.964	77.3	83.5	86.9	72.8	14.1	69.6	70.8	77	66	N	1.9	SE by S	8.2	SSE	4.4	105.3

KINGSTON:—METEOROLOGICAL RESULTS.

Elevation above Sea-level 50 feet

Date.	Upper Cloud. (in tenths of the sky.) 7 a.m.	Upper Cloud. 3 p.m.	Lower Cloud (in tenths of the sky.) 7 a.m.	Lower Cloud 3 p.m.	Rainfall.	Weather: Remarks, &c.
1	...	...	...	3 Str. cum.	0.00	Fine a.m. Fair p.m.
2	8 Cir. W.	...	...	8 Cum.	0.00	Fine.
3	10 Cir. W.	...	...	4 Str. cum.	0.00	Fine.
4	10 Cir. WSW.	...	...	10 Str. cum.	0.00	Fair a.m. Rain 4.15 to 4.30 p.m.
5	10 Cir. S.	1 Cir. S.	...	9 Str.	0.00	Cloudy a.m. Fair p.m.
6	...	...	10 Cum. & Cum nim.	5 Str. } E 5 Cum. nim. }	0.06	Squally at 7.15 a.m. from S.E.—Rain 2 to 2.30 p.m. cloudy.
7	1 Cir. c. W	...	...	10 Cum. & St. c.	0.00	Fine a.m.. Fair p.m
8	...	...	...	8 Str. cum.	0.00	Fine a.m. Fair p.m.
9	...	...	...	4 Cum.	0.00	Fine a.m. Fair p.m.
10	...	10 Cir., s.	...	...	0.00	Fine a.m. Fair p.m.
11	...	2 Cir. s. W.	10 Str. c. SE.	8 Str. cum. E.	0.00	Cloudy.
12	...	1 Cir. W.	...	5 Str. cum. E	0.00	Fair.
13	5 Cir. c. W.	1 Cir. W.	...	8 Str. cum. E.	0.00	Fine a.m. Fair p.m.
14	10 Cir. & cir. s. W.	...	...	10 Str. & Str. cum.	0.06	Fair a.m. Rain squalls from 1.20 to 2 p.m. Cloudy Lightning to N. at 8 p.m.
15	4 Cir. W.	...	3 Cum. & Str. cum. E.	5 Cum. 5 Str. cum.	0.00 0.00	Fair. Thunder to N. at midday.
16	...	...	10 Str. cum.	10 Str. & St. cum.	0.00	Cloudy, drizzle at 6 a.m.
17	8 Cir. & Cir. s. W.	4 Cir. s.	2 Str.	6 Str. & Str. cum.	0.00	Cloudy.
18	5 Cir. S.	...	5 Str. & Str. Cum.	10 Str. cum.	0.06	Cloudy, rain from 3 p.m. to midnight in passing showers.
19	...	...	10 Str. & Cum. nim.	10 cum. & Cum. nim.	0.06	Passing showers from midnight until 6 a.m. Cloudy.
20	10 Cir. & Cir. c. W.	...	...	10 Cum Nim & nim.	0.75	Cloudy, rain about 11 a.m. and from 2 to 7 p.m.
21	...	...	10 Str. Cum.	10 Str. & Str. cum.	0.08	Cloudy, rain at 6 p.m.
22	2 Cir. c. } W. 5 Cir. }	8 Cir. } SW. 1 Cir. c. }	1 Cum.	1 Cum. S.E.	0.00	Fine.
23	10 Cir. W.	8 Cir.	...	2 Str. cum.	0.00	Fine a.m. Fair p.m.
24	1 Cir. c.	...	...	6 Str. cum.	0.00	Fine a.m. Fair. p.m.
25	...	...	...	1 Cum.	0.00	Fine.
26	6 Cir. WSW	...	2 Cum., E.	1 Cum. E.	0.00	Fine.
27	...	1 Cir. & Cir. c.	...	1 Cum. SE.	0.00	Fine.
28	1 Cir. c. W.	...	...	10 Str. & St. cum.	0.00	Fine a.m Cloudy. p. m. Rain on hills p.m.
29	...	2 Cir. S. W.	1 Cum.	5 Str. Cum. NE.	0.00	Fine a.m. Fair p.m.
30	1 Cir. s. SW.	...	9 Alt. Str.	10 Alt. Cum & cum.	0.00	Fair.
31	5 Cir., SW.	...	...	2 Alt. Cum. 6 Str. Cum.	0.00	Fine a.m. Fair p.m.
Means. Total.	36 o/o	18 o/o	24 o/o	70 o/o	1.07	Fair.

RESULTS AT OTHER STATIONS.

Station.	Elevation.	Means for the Month. Temperature. 7 a.m.	3 p.m.	Max.	Min.	Range.	Dewpoint. 7 a.m.	3 p.m.	Humidity. 7 a.m.	3 p.m.	Extremes for the Month. Temperature. Max.	Date.	Min.	Date.	Range.	Total Rainfall.
	ft.	°	°	°	°	°	°	°			°		°		°	in.
Kings House ...	400	72.8	83.8	88.6	69.9	18.7	71.1	79.5	93	61	94	12	64	2	30	4.35
Castleton Gardens ...	580	71.2	79.8	84.5	67.5	17.0	69.8	70.9	96	74	88	25	62	12	26	4.77
Hope Gardens ...	600	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cinchona Plantation ...	4,907	63.5	64.7	68 0	59.7	8.3	56.8	61.5	78	90	74	13	56	11& 28	18	9.87

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:—

	Max. 1892.	Max. Average.
Infantile diseases not otherwise specified ...	22	22
Lung diseases ...	20	15
Fever ...	8	8
Dysentery and Diarrhœa	16	14
Various ...	52	60
Total	118	119

Cinchona Plantation.

The following are means for the month in addition to those published above:—

		in.
Barometic pressure	7 a.m.	25.835
" "	3 p.m.	25.834
Temperature—		°
6 feet underground	7 a.m.	61.1
" "	3 p.m.	61.1
Direction of the wind ...	...	E
Velocity of the wind in miles per day ...		26.0

The maximum and minimum temperatures for the month at Newhaven Gap were respectively 69°8 and 44°5 and no rain fell.

BLUE MOUNTAIN PEAK:—ELEVATION 7,406 FEET.

Day.	Hour.	Temperature. Max.	Temperature. Min.	Temp.	Rain.	Remarks.	Observer's Initials.
1892.		°	°	°	in.		
January 30th ...	11.15 a.m.	70	35	60	14.80	Clear and sunny.	M. F. B.
February 27th ...	11.30 a.m.	73	42	60	8.00	Fine, bright and windy.	M. F. B.
April 2nd ...	11.35 a.m.	73	38	55	2.65	Cold cloudy with rain.	M. F. B.
April 30th	1.40 p.m.	73	39	61	6.85	Cloudy no rain.	M. F. B.
May 28th	10.30 a.m.	70	45	65	11.80	Cloudy with rain.	M. F. B.

NOTE—The Barometric pressure is the reading of the Barometer corrected for instrumental error, and reduced to 32°, that of Kingston being further reduced to Sea-level. The Thermometers are similarly exposed in Stevenson's screens at all the above Stations; their readings have all been corrected.

RAINFALL FOR MAY, 1892.

The first columns contain all the Rainfall Returns sent in for publication up to the date of this report; the second columns contain the corresponding average Rainfall acording to the Tables published in January, 1892, as No. 124 (A) of the present series of Reports. In obtaining the mean Rainfall for the month from the numbers in the first columns, only those Stations are considered for which the average Rainfall has been given in the second columns; so that the results of these two columns are directly comparable. These results are more clearly shown in the Comparative Table at the end of these Rainfall Returns:—

NORTH-EASTERN DIVISION.

		May. 1892. In.	May. Average. In.
Hordley	St. Thomas	24.07	16.69
Bath	...	17.33	...
Boston	Portland	...	23.51
Port Antonio	...	9.80	20.65
Fellowship	...	17.47	...
Cinchona Plantation	St. Andrew	9.87	10.27
Buff Bay	Portland	5.44	...
Cold Spring	St. Andrew	8.02	...
Annotto Bay	St. Mary	5.70	...
Stony Hill Reformatory	St. Andrew	9.29	10.10
Castleton Gardens	St. Mary	4.77	12.90
Lawrence's Tavern	St. Andrew	5.44	...
Quebec	St. Mary	...	7.72
Richmond	...	3.04	...
Highgate	...	...	...
Free Hill	...	...	...
Gayle	...	10.45	8.93
Lucky Hill	...	7.39	...
Rio Hoe	St. Ann	5.42	10.90
Unity Valley	...	9.02	10.08
Moneague	...	5.48	...
Claremont	...	7.20	...
Pedro	...	...	...
Albion	...	7.05	8.62
Averham Park	...	6.67	8.61
Alderton	...	7.60	...
	Means	9.64	11.83

NORTHERN DIVISION.

		May. 1892. In.	May. Average. In.
Port Maria	St. Mary	6.97	7.64
Drax Hall	St. Ann	15.05	8.05
St. Ann's Bay	...	12.77	...
Seville	...	...	8.06
Richmond Estate	...	...	8.59
Llandovery	...	...	8.33
Southfield	...	14.81	...
Brown's Town	...	13.04	...
Home Castle	...	8.46	6.29

NORTHERN DIVISION, *contd.*

		May. 1892. In.	May. Average. In.
Richmond Pen	St. Ann	11.65	8.13
Mahogany Hall	Trelawny	9.23	7.74
Braco	...	7.65	5.51
Arcadia	...	7.30	4.71
Harmony Hall	...	7.41	4.68
Lancaster	...	7.84	5.66
Vale Royal	...	7.58	6.54
Colchis Pen	...	6.95	7.08
Hyde	...	7.05	8.50
Georgia	...	...	6.06
Steelfield	...	8.27	5.91
Oxford	...	8.63	5.92
Cambridge	...	8.73	6.78
Dry Valley	...	8.27	...
Lottery	...	6.41	6.69
Falmouth	...	5.35	6.02
Falmouth P. W. Office	...	4.37	...
Holland Pen	...	5.04	6.11
Pembroke	...	...	6.28
Golden Grove	...	11.55	8.67
Tilston	...	5.80	8.29
Weston Favel	...	9.52	10.99
Green Park	...	...	6.91
Orange Valley	...	6.65	5.90
Kent	...	5.11	6.14
Dundee	...	4.17	6.89
Phœnix	...	7.42	8.57
Gale's Valley	...	5.60	9.21
Greenwood	St. James	8.35	4.05
Bellfield	...	...	...
Guilsbro'	...	5.10	8.79
Leogan	...	6.25	5.75
Cinnamon Hill	...	...	3.48
Rose Hall	...	...	2.23
Running Gut	...	4.95	4.82
Ironshore	...	5.63	5.06
Friendship	...	7.15	...
Providence	...	...	5.33
Montego Bay P. W. Office	...	6.49	...
Catherine Hall	...	6.70	7.94
Catherine Mount	...	5.84	8.19
Fairfield	...	5.92	9.67
Anchovy	...	5.61	9.38
Eden	...	5.23	8.52
Wiltshire	...	...	9.58
Round Hill	Hanover	7.10	6.74
Flint River	...	10.42	...
Tryall	...	10.92	6.79
Sandy Bay	...	11.29	...
Kew	...	9.77	11.86
Lucea P. W. Office	...	7.81	...
Haughton Court	...	...	7.68

NORTHERN DIVISION *contd.*

		MAY. 1892.	MAY. Average.
		In.	In.
Orange Cove	Hanover	9.35	8.52
CENTRAL SUB-DIVISION—			
Headworks, R. C. C.	St. Catherine	...	9.12
Linstead	...	6.10	10.43
Ewarton	...	...	...
Chapelton	Clarendon	7.76	7.75
Cave Valley	St. Ann	8.27	10.80
	Means	7.43	7.31

WEST CENTRAL DIVISION.

		MAY 1892.	MAY Average.
		In.	In.
Watson's Gate	Manchester	12.26	...
Farm Plantation		6.30	10.13
Brokenhurst Plantation	...	...	13.68
Mandeville	...	8.96	12.76
Ulster Spring	Trelawny	12.52	...
Balaclava	St. Elizabeth	...	...
Appleton	...	12.36	10.85
Windsor Pen	Trelawny	8.06	10.81
Spring Vale	St. James	...	12.43
Maroon Town	...	...	10.88
Kempshot	...	8.77	8.32
Kepp	St. Elizabeth	18.76	12.51
Windsor Forest	Westmoreland	...	13.70
Kew Park	...	13.15	11.22
Woodstock	...	...	10.82
Struie	...	...	8.96
Chester Castle	Hanover	11.26	10.95
Darliston	Westmoreland	13.85	...
Haughton Grove	Hanover	...	11.58
Copse	...	11.36	11.82
Cacoon Castle	...	14.20	13.13
Golden Grove	...	19.07	15.16
Three Mile River	Westmoreland	...	...
George's Plain Estate	...	...	...
Fontabelle	...	6.88	8.84
King's Valley	...	10.20	11.72
Abingdon	Hanover	12.85	7.50
	Means	11.59	11.12

SOUTHERN DIVISION.

		MAY. 1892.	MAY. Average.
		In.	In.
Morant Point L. H.,	St. Thomas	14.02	13.73
Morant Bay	...	8.07	...
Abbey	...	1.30	10.11
Bull Bay	...	5.33	...
Gordon Town	St. Andrew	7.14	...
Hope Gardens	...	...	6.72
Cherry Garden	...	...	5.83
King's House	...	4.85	7.59
Shortwood	...	5.10	...
Constant Spring	...	...	...
Monaltrie	...	2.88	5.97
Halfway-Tree	...	3.31	...
Camperdown	...	4.11	...
Public Works Office,	Kingston	1.07	5.58
Plumb Point L. H.	...	1.90	6.19
Spanish Town	St. Catherine	1.56	6.66
Windsor Park	...	...	6.55
Hog Hole Pen	...	2.23	7.62
Old Harbour	...	1.80	5.15
May Pen	Clarendon	3.05	...
Manningsfield	...	2.80	...
Stone's Hope	Manchester	4.44	10.44
Alligator Pond	...	0.72	...

SOUTHERN DIVISION, *contd.*

		MAY. 1892.	MAY. Average.
		In.	In.
Potsdam	St. Elizabeth	3.67	6.41
Long Hill	...	5.37	9.77
Pepper	...	7.36	11.60
Torrington	...	4.28	...
Northampton	...	5.69	...
Santa Cruz Poorhouse	...	9.41	10.60
Black River	...	...	5.96
Peter's Ville	Westmoreland	...	...
Mount Edgecombe	...	7.15	6.53
Sweet River		8.40	7.15
Windsor (Sav.-la-Mar)	...	...	9.52
Sav.-la-Mar P. W. Office	...	7.72	...
Retreat	...	6.17	...
	Means	4.84	8.19

COMPARATIVE TABLE OF RAINFALL.

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

North Eastern Division	9.64	11.83
Northern "	7.43	7.31
West Central "	11.59	11.12
Southern "	4.84	8.19
The Island	8.38	9.61

The Rainfall in every Division except the Southern was about or not far from the average. In this latter Division there was not much more than half the usual fall. In three fourths of the island therefore as a whole there has been little or no failure in the May "Seasons", although at some stations there have been falls much in excess of the average and at others much below it, shewing the rains to have been somewhat partial.

For instance at Hordley in the Plantain Garden River District of St. Thomas the fall, 24.07 in. was half as much again as the average, but by far the greater portion of this fell on the 19th, 20th and 21st, the figures for those days being respectively 3.35, 10.85 and 5.95 making a total for the three days of over twenty inches. Other places where the fall was as much as fifty per cent above the average, or more than this, are Drax Hall in St. Ann, Arcadia and Harmony Hall in Trelawny, Greenwood in St. James, Tryall in Hanover, Kepp in St. Elizabeth, and Abingdon in Hanover. On the other hand notable deficiencies in the usual fall occurred at Port Antonio, Castleton Gardens, Rio Hoe in St. Ann, Fairfield and Anchovy in St. James, Linstead in St. Catherine, the Abbey in St. Thomas (where the disproportion was greatest, the fall being about one-eighth of the average) and generally Kingston and the parts of St. Andrew, St. Catherine and Clarendon comprising the Southern plains of the Island, where about a third only of the usual fall was recorded. Kingston itself received only about one fifth of the average.

The greatest fall, viz. 24.07 inches was recorded at Hordley in St. Thomas, and the smallest viz. 0.72 in. at Alligator Pond.

Below will be found a statement of the Rainfall recorded during this year compared with the average fall during the months in question.

	Rainfall recorded in 1892.	Average Rainfall.
January	3.70	4.14
February	1.15	2.53
March	2.22	3.00
April	2.73	4.79
May	8.38	9.61
Total	18.18	24.07

Kingston, 18th June, 1892. ROBT. JOHNSTONE.

No. 145.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

JUNE, 1892.

KINGSTON:—METEOROLOGICAL RESULTS.

Elevation above Sea-level 50 feet.

Date.	Pressure.		Temperature.					Dewpoint.		Humidity.		Wind. Direction from, and miles per hour.						Total miles for the day.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.		3 p.m.		Means for the day.		
	In.	In.	°	°	°	°	°	°	°									
1	30.038	30.012	76.7	84.3	88.0	73.7	14.3	66.3	69.7	70	62	N	2	N	4	Var	4	108
2	.000	29.932	78.7	86.4	88.4	72.3	16.1	66.7	69.3	67	57	N	2	SE	10	SE	5	122
3	29.997	.958	78.0	83.2	88.2	74.1	14.1	65.5	71.0	66	67	SE	6	SE	10	Var.	5	128
4	.996	.975	77.4	84.4	87.9	73.2	14.7	70.1	72.5	78	68	Z	0	SE	8	SE	5	126
5	30.008	.954	79.2	83.4	89.4	74.0	15.4	73.4	71.3	83	67	N	3	SE	12	SE	7	157
6	29.996	.958	80.2	82.7	88.2	74.1	14.1	68.4	70.9	67	68	Z	0	NNW	4	SSE	4	94
7	.963	.924	80.4	83.4	87.2	72.9	14.3	69.2	70.9	69	66	N	1	SSE	7	SSE	5	128
8	.973	.935	80.6	78.0	85.7	74.2	14.5	71.5	74.3	74	89	SE	3	SE	11	SE	7	179
9	30.000	.941	79.8	84.6	85.9	73.2	12.7	72.2	73.0	78	68	SE	9	SE	13	SE	10	239
10	29.948	.901	80.1	82.5	86.0	75.3	10.7	73.9	72.4	82	72	SE	12	SE	15	SE	12	279
11	.944	.904	79.9	80.4	85.1	78.2	6.9	74.9	71.9	85	75	SE	8	SE	10	SE	8	200
12	.979	.919	74.9	83.3	85.7	73.8	11.9	73.2	72.1	94	69	SSE	9	SE	11	SE	7	179
13	.993	.938	77.8	84.8	86.9	71.3	15.6	70.0	70.5	77	62	SE	1	SSE	12	SSE	6	135
14	.989	.933	78.4	85.7	87.4	72.8	14.6	68.8	73.8	73	68	Z	0	SSE	11	SSE	5	111
15	.978	.947	75.8	80.3	84.3	74.6	10.7	69.0	72.4	79	76	Z	0	SSE	6	SSE	5	112
16	.996	.992	76.7	81.7	87.0	74.7	12.8	69.2	72.4	78	74	E	2	SE	6	SSE	4	94
17	30.036	.987	76.1	81.9	87.5	72.0	15.5	68.6	72.7	78	74	N	1	SSE	7	SSE	5	118
18	.023	.975	76.4	83.9	88.7	74.2	14.5	70.1	70.7	81	65	N	1	SSE	9	Var.	5	123
19	29.926	.974	77.7	81.7	84.4	73.3	11.1	72.5	72.0	84	73	Z	0	Z	0	Var.	3	81
20	30.002	.885	78.4	85.3	89.9	72.1	17.8	69.1	71.9	73	64	SE	6	SSE	12	SSE	6	151
21	.001	.967	80.3	82.2	86.3	74.6	11.7	71.1	76.9	74	84	SE	10	SE	4	Var.	6	146
22	.032	30.024	73.3	76.2	76.2	70.2	6.0	72.3	72.8	97	89	ESE	10	ESE	2	SE	6	138
23	.041	29.992	79.2	83.8	85.9	72.6	13.3	70.8	72.5	76	69	Z	0	SE	8	SE	6	149
24	.038	30.008	76.3	82.7	85.5	72.7	12.8	69.6	72.2	80	71	N	1	SSE	7	Var.	4	101
25	.053	.065	79.9	85.0	86.8	75.3	11.5	69.8	72.3	71	66	SE	10	SE	12	SE	8	193
26	.084	.041	80.9	85.3	88.6	79.5	9.1	66.9	71.4	63	63	ESE	7	SSE	14	SSE	8	200
27	.067	.003	75.2	88.2	88.5	71.8	16.7	68.5	69.7	80	55	E	1	SE	10	SE	5	131
28	.053	.039	79.4	85.4	88.9	71.5	17.4	70.5	71.4	74	63	Z	0	SE	10	SE	7	172
29	.113	.035	78.4	86.4	89.0	73.0	16.0	66.7	65.3	67	50	N	1	SE	12	SSE	7	158
30	.068	.007	76.2	88.0	91.5	71.1	20.4	67.6	67.7	75	50	Z	0	SE	16	SE	6	140
Means.	30.011	29.971	78.1	83.5	87.0	73.5	13.5	69.9	71.6	76	68	VAR.	3.5	SE by S	9.1	SE by S	6.1	146.4

KINGSTON :—METEOROLOGICAL RESULTS.

Elevation above Sea-level 50 feet.

Date.	Upper Cloud. (in tenths of the sky.) 7 a.m.	Upper Cloud. 3 p.m.	Lower Cloud. (in tenths of the sky.) 7 a.m.	Lower Cloud. 3 p.m.	Rainfall.	Weather: Remarks, &c.
1	2 Cir. s. WSW.	...	3 Alt. Cum. } E 2 Str. Cum. }	10 Str. cum.	0.00	Fair a.m. Cloudy p.m.
2	5 Cir. SW.	6 Cir. c. SW.	...	4 Alt. cum.	0.00	Fine a. m. Drizzle about noon.
3	3 Cir. s.	...	4 Str. Cum. E.	10 Str. cum.	0.00	Cloudy.
4	...	...	10 Str. cum. SE.	3 Alt. Cum. } 7 Str. cum. } W	0.00	Cloudy.
5	1 Cir. NW.	10 Cir. & Cir. s.	...	...	0.00	Fine a.m.. Fair p.m
6	1 Cir. NW.	...	...	10 Str. Cum.	0.00	Fine a.m. Cloudy p.m.
7	...	8 Cir. s. WNW.	...	...	0.00	Fine a.m. Cloudy p.m.
8	5 Cir. W	5 Cir.	5 Cum., E.	5 Str. E.	0.82	Fair a.m. Cloudy p.m. Rain squalls from E. about noon and 3 p.m.
9	...	7 Cir. & Cir. s.	...	2 Cum. s.	0.06	Rain from 9 a.m. to 2.30 p m.—fair afterwards with sea breeze all night.
10	...	9 Cir., s.	5 Alt. Cum. 5 Str. Cum.	1 Cum. ESE.	0.01	Cloudy, light showers 5 a.m. Sea breeze in early morning and during day with occasional squalls
11	5 Cir. s. N.	...	5 Str. Cum. SE.	10 Str. & Str. cum.	0.02	Cloudy a.m. Rain at noon and at 1.30 p.m. Cloudy p.m,
12	...	...	10 Nim.	...	0.09	Rain squalls at 6.30 a.m. Fine p'm.
13	10 Cir. & cir. s. E.	5 Cir.	...	5 Str. cum. E.	0.00	Fine a.m. Fair p.m.
14	3 Cir. N.	8 Cir. & Cir. s.	2 Cum. E.	2 Cum. E.	0.00	Fine a.m. Fair p.m.
15	...	2 Cir. s.	10 Cum. & Str. cum.	7 Str. cum. & Str } E.	0.03	Rain about noon, SE. squalls at 10.30 p.m. Cloudy.
16	6 Cir. & cir. s. NW.	...	4 Cum. E.	10 Str. cum. & Cum. nim.	0.00	Cloudy.
17	...	...	...	6 Str. 4 Str. cum.	0.00	Fine a.m Cloudy. p. m.
18	...	...	10 Str.	10 Str.	0.00	Fair a.m. Cloudy—distant thunder & lightning 8 to 9. p.m.
19	...	...	10 Str. & Str. Cum.	10 Str.	0.14	Cloudy a.m. Rain squalls at 4 a.m. drizzle at 11.30 a.m. Cloudy.
20	3 Cir. NW.	2 Cir.	...	5 Str. cum.	0.23	Fair a.m. Rain from 8 p.m. to midnight.
21	3 Cir. c. SE.	...	4 Str. c. E.	10 Cum Nim & nim. SE.	0.49	Squally from midnight—Rain from 10.30 a.m. all day and at night.
22	...	...	10 Nim	10 Cum. Nim. & nim.	1.34	Rain all previous night and passing showers all day.
23	3 Cir. & Cir. s.	7 Cir. & Cir. s.	7 Str. Cum.	1 Str. c.	0.00	Cloudy a.m. Fair p.m.
24	6 Cir. N.	4 Cir.	2 Cum.	6 Str. c. N.	0.00	Fine a.m. Cloudy p.m.
25	...	1 Cir. } E. 1 Cir. c. }	10 Str. & Str. Cum.	8 Cum. SW.	0.00	Warm—Sea breeze from 2 a.m. Cloudy.
26	10 Cir. WSW.	4 Cir.	...	1 Cum.	0.00	Fair a.m. Fine p.m.
27	10 Cir & Cir. s. SW.	2 Cir.	...	1 Cum. E.	0.00	Fair.
28	10 Cir. & Cir. s. W.	5 Cir. W.	...	5 Str.	0.00	Fair a.m. Cloudy and warm p.m.
29	...	10 Cir. & Cir. s. SW.	...	...	0.00	Fine a.m. Fair p.m.
30	4 Cir. SW.	4 Cir. S. W.	...	4 Alt. c. E.	0.00	Fine a.m. Squall at 5 p.m.
Means. Total.	30 o/o	33 o/o	40 o/o	56 o/o	3.23	Fair with some rain.

RESULTS AT OTHER STATIONS.

Station.	Elevation	Means for the Month. Temperature. 7 a.m.	3 p.m.	Max.	Min.	Range.	Dewpoint. 7 a.m.	3 p.m.	Humidity. 7 a.m.	3 p.m.	Extremes for the Month. Temperature. Max.	Date.	Min.	Date.	Range.	Total Rainfall.
	ft.	°	°	°	°	°	°	°			°		°		°	in.
Kings House ...	400	75.6	84.8	88.5	70.2	18.3	70.9	...	85	...	94	31	62	21	32	2.85
Castleton Gardens ...	580	72.2	80.0	85.4	68.1	17.3	69.6	74.7	93	86	89	30	65	1*	24	11.02
Hope Gardens ...	600	74.2	83.0	86.7	72.8	13.9	64.9	71.4	73	59	92	12	67	13	25	3.34
Cinchona Plantation ...	4,907	62.3	65.2	69 1	60.2	8.9	59.4	59.8	91	84	72	27	55	12†	17	10.80

* and 4 other days. †and the two following 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 :—

	June. 1892.	Average.
Infantile diseases not otherwise specified ...	26	16
Lung diseases ...	18	14
Fever ...	6	9
Dysentery and Diarrhœa	12	11
Various ...	38	54
Total	100	104

Cinchona Plantation.

The following are means for the month in addition to those published above :—

		in.
Barometic pressure	7 a.m.	25.324
" "	3 p.m.	25.322
Temperature—		°
6 feet underground	7 a.m.	61.0
" "	3 p.m.	61.1
Direction of the wind ...	...	ESE.
Velocity of the wind in miles per day ...		73.5

The maximum and minimum temperatures for the month at Newhaven Gap were respectively 76°3 and 52°5.

BLUE MOUNTAIN PEAK :—ELEVATION 7,406 FEET

Day.	Hour.	Temperature. Max.	Temperature. Min.	Temp.	Rain.	Remarks.	Observer's Initials
1892.		°	°	°	in.		
January 30th ...	11.15 a.m.	70	35	60	14.80	Clear and sunny.	M. F. B.
February 27th ...	11.30 a.m.	73	42	60	8.00	Fine, bright and windy.	M. F. B.
April 2nd ...	11.35 a.m.	73	38	55	2.65	Cold cloudy with rain.	M. F. B.
April 30th	1.40 p.m.	73	39	61	6 85	Cloudy no rain.	M. F. B.
May 28th	10.30 a.m.	70	45	65	11.80	Cloudy with rain.	M. F. B.
June 29th	10.15 a.m.	71	45	53	27.30	Fine, bright, high wind.	M. F. B.

Note—The Barometric pressure is the reading of the Barometer corrected for instrumental error, and reduced to 32°, that of Kingston being further reduced to Sea-level. The Thermometers are similarly exposed in Stevenson's screens at all the above Stations; their readings have all been corrected.

Rainfall for May, 1892.

The first columns contain all the Rainfall Returns sent in for publication up to the date of this report; the second columns contain the corresponding average Rainfall according to the Tables published in January, 1892, as No. 124 (A) of the present series of Reports. In obtaining the mean Rainfall for the month from the numbers in the first columns, only those Stations are considered for which the average Rainfall has been given in the second columns; so that the results of these two columns are directly comparable. These results are more clearly shown in the Comparative Table at the end of these Rainfall Returns :—

North-Eastern Division.

		June. 1892.	June. Average.
		In.	In.
Hordley	St. Thomas	15.82	15.06
Bath P. W O.	...	24.16	...
Boston	Portland	...	18.33
Port Antonio P. W. O.	...	27.45	19.41
Fellowship P. W. O.	...	37.45	...
Cinchona Plantation	St. Andrew	10.80	8.13
Buff Bay	Portland	14.05	...
Cold Spring	St. Andrew	9.38	...
Annotto Bay P. W. O.	St. Mary	5.04	...
Stony Hill Reformatory	St. Andrew	5.98	8.15
Castleton Gardens	St. Mary	11.02	10.56
Lawrence's Tavern	St. Andrew	9.68	...
Quebec	St. Mary	...	8.13
Richmond P. W. O.	...	3.72	...
Highgate	...	...	...
Free Hill	...	...	...
Gayle	...	7.30	9.27
Lucky Hill P. W. O.	...	5.62	...
Rio Hoe	St. Ann	7.39	11.38
Unity Valley	...	10.18	8.71
Moneague P. W. O.	...	8.36	...
Claremont	...	6.41	...
Pedro	...	...	...
Albion	...	7.84	6.50
Averham Park	...	4.33	9.08
Alderton	...	...	...
	Means	10.81	10.62

Northern Division.

		June. 1892.	June. Average.
		In.	In.
Port Maria P. W. O.	St. Mary	7.00	8.01
Drax Hall	St. Ann	6.33	4.97
St. Ann's Bay P. W. O.	...	5.30	...
Seville	...	...	5.89
Richmond Estate	...	5.90	6.80
Llandovery	...	...	5.87
Southfield	...	4.00	...
Brown's Town P. W. O,	...	1.94	...
Home Castle	...	2.05	4.77

Northern Division, *contd.*

		June. 1892.	June. Average.
		In	In.
Richmond Pen	St. Ann	5.28	5.87
Mahogany Hall	Trelawny	7.00	5.16
Braco	...	2.16	3.35
Arcadia	...	4.16	5.14
Harmony Hall	...	2.63	2.75
Lancaster	...	3.62	3.33
Vale Royal	...	4.15	4.39
Colchis Pen	...	5.81	5.46
Hyde	...	9.01	5.66
Georgia	...	...	3.69
Steelfield	...	4.03	4.65
Oxford	...	2.55	5.12
Cambridge	...	3.13	5.27
Dry Valley	...	2.76	...
Lottery	...	2.70	4.05
Falmouth	...	3.30	...
Falmouth P. W. Office	...	1 49	...
Holland Pen	...	3.32	4.45
Pembroke	...	...	4.78
Golden Grove	...	7.10	6.02
Tilston	...	4.15	5.44
Weston Favel	...	...	8.29
Green Park	...	3.30	3.78
Orange Valley	...	2.60	3.38
Kent	...	2.30	3.80
Dundee	...	2.13	4.47
Phœnix	...	5.67	8.98
Gale's Valley	...	5.20	6.87
Greenwood	St. James	3.25	3.82
Bellfield	...	...	...
Guilsbro'	...	2.85	3.05
Leogan	...	2.40	4.73
Cinnamon Hill	...	0.81	3.94
Rose Hall	..	0.72	4.18
Running Gut	...	0.70	2.84
Ironshore	...	1.32	4.43
Friendship	...	5.00	...
Providence	...	...	4.34
Montego Bay P. W. Office	...	5.51	...
Catherine Hall	...	5.00	6.18
Catherine Mount	...	4.83	6.41
Fairfield	...	3.88	6.82
Anchovy	...	5.27	8.27
Eden	...	4.68	8.63
Wiltshire	...	...	8.07
Round Hill	Hanover	6.60	6.52
Flint River	...	5.60	...
Tryall	...	6.89	6.94
Sandy Bay P. W. O.	...	6.00	...
Kew	...	9.66	8.41
Lucea P. W. Office	...	9.18	...
Haughton Court	...	...	9.30

NORTHERN DIVISION *contd.*

		JUNE. 1892. In.	JUNE. Average. In.
Orange Cove	Hanover	11.87	7.75
CENTRAL SUB-DIVISION—			
Headworks, R. C. C.	St. Catherine	1.56	8.69
Linstead P. W. O.	...	5.52	8.85
Ewarton	...	...	...
Chapelton P. W. O.	Clarendon	4.43	7.86
Cave Valley	St. Ann	7.20	7.71
Means		4.41	5.70

WEST CENTRAL DIVISION.

		JUNE. 1892. In.	JUNE. Average. In.
Farm Plantation	Manchester	11.20	11.84
Brokenhurst Plantation	...	...	18.63
Christiana* P. W. O.	...	10.42	...
Mandeville P. W. O.	...	13.07	6.46
Ulster Spring P. W. O.	Trelawny	4.87	...
Balaclava P. W. O.	St. Elizabeth	3.62	...
Appleton	...	3.52	8.77
Windsor Pen	Trelawny	10.92	12.84
Spring Vale	St. James	10.51	11.30
Maroon Town	...	...	13.51
Kempshot	...	...	9.77
Kepp	St. Elizabeth	2.46	8.48
Windsor Forest	Westmoreland	...	9.55
Kew Park	...	3.77	8.99
Woodstock	...	...	9.49
Struie	...	...	6.20
Chester Castle	Hanover	6.30	8.93
Darliston P. W. O.	Westmoreland	3.71	...
Haughton Grove	Hanover	...	8.04
Copse	...	5.73	8.50
Cacoon Castle	...	5.80	9.48
Golden Grove	...	8.88	11.30
Three Mile River	Westmoreland	...	...
George's Plain Estate	...	...	...
Fontabelle	...	...	10.30
King's Valley	...	12.20	12.17
Abingdon	Hanover	10.85	12.17
Means		8.09	10.09

SOUTHERN DIVISION.

		JUNE. 1892. In.	JUNE. Average. In.
Morant Point L. H.,	St. Thomas	7.45	7.70
Morant Bay P. W. O.	...	11.02	...
Abbey	...	18.40	14.90
Bull Bay	...	4.04	...
Gordon Town	St. Andrew	6.83	...
Hope Gardens	...	3.34	6.18
Cherry Garden	...	...	10.09
King's House	...	2.65	7.43
Shortwood	...	...	...
Constant Spring	...	...	...
Monaltrie	...	5.41	5.23
Halfway-Tree	...	5.08	...
Camperdown	...	2.73	...
Public Works Office,	Kingston	...	4.41
Plumb Point L. H.	...	3.44	4.74

SOUTHERN DIVISION, *contd.*

		JUNE. 1892. In.	JUNE. Average. In.
Spanish Town P.W.O.	St. Catherine	3.12	5.93
Windsor Park	...	...	6.85
Hog Hole Pen	...	2.68	6.92
Old Harbour P. W. O	...	5.43	9.62
May Pen P. W. O.	Clarendon	6.05	...
Manningsfield P. W. O.	...	8.75	...
Stone's Hope	Manchester	11.04	12.70
Alligator Pond P.W.O.†	...	8.22	...
Potsdam	St. Elizabeth	4.53	9.63
Long Hill	...	1.75	7.27
Pepper‡	...	2.05	5.47
Torrington P. W. O.	...	4.21	...
Santa Cruz P. W. O.	...	0.87	...
Santa Cruz Poorhouse	...	3.62	7.14
Black River P. W. O.	...	0.40	3.92
Peter's Ville	Westmoreland	...	...
Mount Edgecombe	...	3.74	7.01
Sweet River		3.75	6.89
Windsor (Sav.-la-Mar)	...	...	6.74
Sav.-la-Mar P. W. Office	...	2.28	...
Retreat	...	4.29	...
Means		4.87	7.46

COMPARATIVE TABLE OF RAINFALL.

(Based upon the "Average" Stations only.)

	June. 1892.	June. Average.
North Eastern Division	10.81	10.62
Northern "	4.41	5 70
West Central "	8.09	10 09
Southern "	4.87	7 46
The Island	7.04	8 47

The Rainfall in the North Eastern Division alone came up to the average, but it was in the Southern Division again that the deficiency was greatest.

The greatest fall, viz.: 37.45 inches, was recorded at Fellowship in Portland, and the smallest viz.: 0.40 inches at Black River.

Below will be found a statement of the Rainfall recorded during this year compared with the average fall during the months in question.

	Rainfall recorded in 1892.	Average Rainfall.
January	3.70	4.14
February	1.15	2.53
March	2.22	3.00
April	2.73	4.79
May	8.38	9.61
June	7.04	8.47
Total	25.22	32.54

It will be seen that the total fall for the Island for the half year ended 30th June was five inches short of the average and that this was a deficiency of a sixth.

High winds during the month are reported from the Abbey in St. Thomas and Pepper in St. Elizabeth, and it will be seen from the detailed report of the Kingston observations that this was also the case in Kingston. At the Abbey however over eighteen inches of rain fell while at Pepper there was only one fall of two inches and the month was reported there to be "*very* dry."

Kingston, 19th July, 1892. ROBT. JOHNSTONE.

* Gauge transferred from Watsons Gate. † 6.12 ins. fell on 22nd. ‡ All in one fall.

No. 146.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

JULY, 1892.

KINGSTON.—METEOROLOGICAL RESULTS.

Elevation above Sea-level 50 feet.

Date.	Pressure.		Temperature.					Dewpoint.		Humidity.		Wind. Direction force, and miles per hour.						Total miles of wind.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.		3 p.m.		Means for the day.		
	In.	In.	°	°	°	°	°	°	°									
1	30.069	30.039	76.9	82.7	85.5	74.3	11.2	68.1	68.2	74	62	N	1	SE	10	SE	4	107
2	.072	29.993	75.4	85.9	87.9	71.0	16.9	68.5	69.2	79	58	Z	0	SSE	14	SSE	5	122
3	.053	.990	78.4	85.4	88.9	72.3	16.6	66.2	70.3	66	61	N	1	SE	12	SE	6	148
4	.029	.991	77.0	86.2	88.0	71.3	16.7	66.8	71.4	71	62	N	2	SSE	14	SSE	6	137
5	.047	.985	77.9	86.8	88.8	74.4	14.4	70.6	71.1	78	60	N	3	SSE	12	SSE	6	147
6	.033	.990	77.0	88.3	90.9	73.3	17.6	66.6	71.7	70	58	N	2	SSE	13	SSE	6	133
7	.043	.985	77.7	88.3	89.9	73.8	16.1	68.7	68.0	74	51	N	2	SSE	14	SSE	6	152
8	.028	.962	80.4	90.1	91.1	74.6	16.5	65.8	65.2	61	44	E	1	SE	12	Var.	7	172
9	.042	.997	80.7	91.4	93.3	75.2	18.1	66.8	66.8	63	45	N	2	SE	12	SSE	7	167
10	.113	30.090	77.2	90.8	87.8	71.8	16.0	68.7	76.0	75	62	Z	0	SSE	8	SSE	4	96
11	.066	29.985	73.9	93.2	94.8	72.3	22.5	69.4	69.9	86	47	Z	0	SW	4	Var	3	77
12	.055	30.009	78.8	88.6	91.6	76.7	14.9	71.4	72.7	78	60	Z	0	SE	12	SE	5	128
13	.062	.016	79.9	87.7	89.5	74.8	14.7	68.9	73.5	69	63	N	2	SSE	15	SSE	7	170
14	.082	.040	76.6	87.5	90.3	72.4	17.9	67.4	70.1	73	57	Z	0	SE	15	SE	6	145
15	.106	29.965	75.8	86.1	89.1	72.5	16.6	68.5	66.5	78	52	Z	0	SE	10	SE	4	106
16	.086	30.059	76.7	87.2	88.1	72.3	15.8	69.4	72.5	78	62	Z	0	SE	10	SE	5	132
17	.084	.020	77.1	85.0	91.5	73.2	18.3	68.4	76.7	75	76	N	1	S	6	Var.	4	102
18	.075	.022	78.6	83.2	90.8	74.2	16.6	69.8	73.9	75	74	N	1	S	8	SSE	5	124
19	.091	29.995	78.2	83.4	89.9	74.2	15.7	70.1	74.9	76	76	N	2	ESE	4	Var.	4	91
20	.044	30.024	75.0	79.7	85.6	74.0	11.6	72.8	72.1	93	78	N	2	N	3	SSE	3	79
21	.042	29.987	73.2	85.4	87.3	71.0	16.3	67.8	72.7	83	66	Z	0	SSE	10	SSE	5	111
22	.031	.973	75.0	86.9	90.5	77.0	13.5	69.9	74.9	84	68	Z	0	SSE	8	SSE	4	98
23	29.969	.928	81.4	86.4	90.3	73.9	16.4	71.0	75.9	71	71	N	2	SSE	10	SSE	4	98
24	30.000	30.010	78.8	81.8	88.6	74.0	14.6	74.1	72.9	86	75	Z	0	SSE	10	SSE	4	102
25	.021	.034	74.4	86.2	88.1	73.0	15.1	72.7	73.3	94	70	Z	0	SE	12	SE	5	124
26	.067	29.991	76.6	87.6	90.1	73.2	16.9	68.3	73.9	76	64	N	2	SSE	11	Var.	5	112
27	.011	.937	79.2	86.2	89.3	75.0	14.3	71.1	74.7	76	69	N	2	SSE	14	SSE	6	142
28	29.984	.967	75.9	86.2	88.3	73.0	15.3	67.9	71.2	76	61	N	1	SSE	4	SSE	5	111
29	.999	.978	72.7	84.7	88.2	71.0	17.2	68.4	73.5	86	69	Z	0	SE	14	SSE	4	95
30	30.020	.974	76.4	86.8	88.2	73.4	14.8	69.1	74.3	78	67	N	2	SE	14	SE	5	126
31	.003	30.020	73.4	86.4	89.5	74.0	15.5	72.2	73.7	81	66	Z	0	SSE	9	SSE	4	85
Means.	30.046	29.999	77.1	86.5	89.4	73.5	15.9	69.2	72.1	77	62	N ?	1.0	SE by S ?	10.5	SSE ?	5.0	120.5

KINGSTON :—METEOROLOGICAL RESULTS.

Elevation above Sea-level 50 feet

Date.	Upper Cloud. (in tenths of the sky.) 7 a.m.	Upper Cloud. 3 p.m.	Lower Cloud (in tenths of the sky.) 7 a.m.	Lower Cloud 3 p.m.	Rainfall.	Weather: Remarks, &c.
1	...	...	5 Cum. 5 Alt. Cum. } E	10 Str.	0.00	Cloudy.
2	3 Cir. W.	5 Cir. & Cir. s.	...	1 Cum. E.	0.00	Fine.
3	...	...	...	...	0.00	Fine.
4	5 Cir. W.	4 Cir. W.	...	5 Str. Cum. E.	0.0	Fine.
5	2 Cir. s	5 Cir. & Cir. s. W.	8 Str. cum.	5 Str. Cum. E.	0.00	Fine.
6	1 Cir. W.	1 Cir.	...	9 Str. cum.	0.00	Fine a.m.. Fair p.m
7	10 Cir. & cir. s. N.	...	...	...	0.0	Fine.
8	8 Cir. N	...	...	1 Cum. E.	0.00	Fair a.m. Fine p.m.
9	...	...	...	2 Cum.	0.00	Fine.
10	...	...	4 Cum. & Cum. Nim.	10 Cum. & Str. Cum. N.	0.05	Cloudy to N. and distant thunder 7 a.m. Cloudy a.m. Rain 2.30 p.m.
11	...	...	5 Cum. 5 Str. Cum. } SE	10 Cum. & Str. Cum. E.	0.00	Warm and cloudy a.m.: fair p.m.
12	9 Cir. 1 Cir. c. }	...	...	10 Cum & Str. Cum.	0.00	Fair.
13	1 Cir. N.	...	...	1 Cum. E.	0.00	Fine.
14	...	8 Cir.	...	...	0.00	Fine.
15	...	7 Cir.	...	3 Cum.	0.00	Fine a.m. Fair p.m.
16	...	3 Cir. W.	...	2 Cum. E.	0.00	Fine.
17	10 Cir. S.	1 Cir.	...	1 Cum. E.	0.00	Fine.
18	1 Cir.	2 Cir.	...	5 Alt. Str. 3 Cu . }	0.00	Fine a.m. S.E. squalls 2 p.m. and cloudy p.m.
19	6 Cir. s.	...	...	4 Str.	0.00	Fair a.m. Drizzle at 3 p.m. and distant thunder from N.W.
20	...	...	10 Str. & Cum. Nim.	10 Nim & Cum. Nim.	0.09	Cloudy, drizzle from 5.30 to 7 a.m. Rain at 3 p.m.
21	...	...	...	4 Cum.	0.00	Fair.
22	...	...	...	8 Cum.	0.00	Fine.
23	...	...	...	6 Cum. 4 Cum. Nim. }	0.00	Fine and warm.
24	...	8 Cir. & Cir. s.	6 Cum., E.	2 Cum.	0.00	Fine a.m. Rain on hills with thunder at 6 p m.
25	...	8 Cir.	10 Nim. & Cum. Nim.	2 Cum.	0.06	Rain from 5 to 7 a.m. and thunder—fine p.m.
26	9 Cir. W.	8 Cir. & Cir. s. 6 Cir. & Cir. s. }	1 Cum. E.	2 Cum. & Str. Cum.	0.00	Fine a. m. Fair p.m.
27	10 Cir. NW.	1 Cir. c. }	...	1 Cum.	0.00	Fine a.m. Fair p.m.
28	...	...	...	5 Str. 5 Cum. }	0.00	Fine a.m. Fair p.m.
29	...	...	...	5 Cum. 5 Str. Cum. }	0.00	Fine a.m. Cloudy p.m.
30	10 Cir. & Cir. s. SW.	1 Cir.	...	8 Cum. & Ftr. Cum.	0.00	Fair.
31	...	2 Cir.	10 Str. & Str. Cum.	8 Str. Cum. & Str.	0.00	Fine a.m. Cloudy p.m.
Means.	28 o/o	23 o/o	22 o/o	51 o/o		
Total.	...	...	...	...	0.20	Fine.

RESULTS AT OTHER STATIONS.

Station.	Elevation	Means for the Month. Temperature. 7 a.m.	3 p.m.	Max.	Min.	Range.	Dewpoint. 7 a.m.	3 p.m.	Humidity. 7 a.m.	3 p.m.	Extremes for the Month. Temperature. Max.	Date.	Min.	Date.	Range.	Total Rainfall.
	ft.	°	°	°	°	°	°	°			°		°		°	in.
Kings House ...	400	74.8	87.5	93.8	68.9	24.9	70.2	76.9	84	75	95	11*	67	3‡	28	0.30
Castleton Gardens ...	580	71.4	83.3	87.3	68.1	19.2	69.5	73.2	96	63	91	14	65	3§	26	0.03
Hope Gardens ...	600	74.1	86.3	89.7	71.5	18.2	68.5	77.8	84	72	92	6†	68	2‖	24	0.77
Cinchona Plantation ...	4,907	62.4	68.4	72.7	61.7	11.0	58.0	63.3	87	84	76	13	56	3 & 8	20	2.96

* and 12 and 15. ‡ and 7 other days. † and 3 other days. § and 3 other days. ‖ 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 :—

	July. 1892.	Average.
Infantile diseases not otherwise specified ...	21	18
Lung diseases ...	15	18
Fever ...	Nil	11
Dysentery and Diarrhœa	8	7
Various ...	37	57
Total	81	111

Cinchona Plantation.

The following are means for the month in addition to those published above :—

		in.
Barometic pressure	7 a.m.	25.361
" "	3 p.m.	25.383
Temperature—		°
6 feet underground	7 a.m.	61.4
" "	3 p.m.	61.7
Direction of the wind	...	ESE.
Velocity of the wind in miles per day	...	74

The maximum and minimum temperatures for the month at Newhaven Gap were respectively 76°3 and 52°5.

BLUE MOUNTAIN PEAK :—ELEVATION 7,406 FEET

Day.	Hour.	Temperature. Max.	Temperature. Min.	Temp.	Rain.	Remarks.	Observer's Initial
1892.		°	°	°	in.		
January 30th ...	11.15 a.m.	70	35	60	14.80	Clear and sunny.	M. F. B.
February 27th ...	11.30 a.m.	73	42	60	8.00	Fine, bright and windy.	M. F. B.
April 2nd ...	11.35 a.m.	73	38	55	2.65	Cold cloudy with rain.	M. F. B.
April 30th	1.40 p.m.	73	39	61	6.85	Cloudy no rain.	M. F. B.
May 28th	10.30 a.m.	70	45	65	11.80	Cloudy with rain.	M. F. B.
June 29th	10.15 a.m.	71	45	53	27.30	Fine, bright, high wind.	M. F. B.
July 28th	11.30 a.m.	69	46	66	6.15	Fine. clear all round.	M. F. B.

Note—The Barometric pressure is the reading of the Barometer corrected for instrumental error, and reduced to 32°, that of Kingston being further reduced to Sea-level. The Thermometers are similarly exposed in Stevenson's screens at all the above Stations; their readings have all been corrected.

Rainfall for July, 1892.

The first columns contain all the Rainfall Returns sent in for publication up to the date of this report; the second columns contain the corresponding average Rainfall according to the Tables published in January, 1892, as No. 124 (A) of the present series of Reports. In obtaining the mean Rainfall for the month from the numbers in the first columns, only those Stations are considered for which the average Rainfall has been given in the second columns; so that the results of these two columns are directly comparable. These results are more clearly shown in the Comparative Table at the end of these Rainfall Returns :—

North-Eastern Division.		July. 1892. In.	July. Average. In.
Hordley	St. Thomas	3.17	7.88
Manchioneal P.W.D.	Portland	5.33	...
Bath P. W. D.	St. Thomas	8.23	...
Boston	Portland	...	8.09
Port Antonio P. W. D.	...	7.35	9.68
Fellowship P. W. D.	...	11.61	
Cinchona Plantation	St. Andrew	2.93	3.90
Buff Bay P. W. D.	Portland	6.56	...
Balcarres P. W. D.	...	5.80	...
Cold Spring	St. Andrew	1.23	...
Annotto Bay P. W. D.	St. Mary	4.84	...
Stony Hill Reformatory	St. Andrew	4.39	5.48
Castleton Gardens	St. Mary	3.03	6.38
Lawrence's Tavern P.W.D.	St. Andrew	2.26	...
Quebec	St. Mary	...	2.47
Richmond P. W. D.	...	4.47	...
Highgate	...	...	...
Free Hill P. W. D.	...	...	...
Gayle	...	3.00	2.20
Lucky Hill P. W. D.	...	3.05	...
Rio Hoe	St. Ann	3.13	5.43
Unity Valley	...	4.89	6.07
Moneague P. W. D.	...	4.10	...
Claremont	...	3.70	...
Pedro P. W. D.	...	...	...
Albion	...	5.52	4.23
Averham Park	...	3.17	4.12
Alderton	...	...	...
	Means	4.06	5.54

Northern Division.		July. 1892. In.	July. Average. In.
Port Maria P. W. D.	St. Mary	4.78	2.58
Drax Hall	St. Ann	2.43	2.61
St. Ann's Bay P. W. D.	...	2.32	...
Seville	...	...	2.17
Richmond Estate	...	1.49	1.81
Llandovery	...	...	1.63
Southfield	...	1.75	...

Northern Division, *contd.*		July. 1892. In	July. Average. In.
Brown's Town P. W. D.		3.15	...
Home Castle	...	2.10	2.03
Richmond Pen	St. Ann	2.95	2.48
Mahogany Hall	Trelawny	2.73	4.41
Braco	...	1.07	2.15
Arcadia	...	1.56	2.13
Harmony Hall	...	1.58	1.63
Lancaster	...	1.83	2.22
Vale Royal	...	2.26	3.08
Colchis Pen	...	1.55	3.07
Hyde	...	2.95	5.27
Georgia	...	...	2.55
Steelfield	...	1.12	2.93
Oxford	...	0.64	2.42
Cambridge	...	1.20	3.28
Dry Valley	...	0.88	...
Lottery	...	0.51	2.34
Falmouth	...	4.85	1.75
Falmouth P. W. D.	...	0.47	...
Holland Pen	...	1.10	1.97
Pembroke	...	...	3.10
Golden Grove	...	8.78	3.46
Tilston	...	1.25	3.32
Weston Favel	...	2.20	4.94
Green Park	...	...	2.06
Orange Valley	...	0.83	1.75
Kent	...	1.17	1.58
Dundee	...	1.90	2.73
Phœnix	...	1.54	5.34
Gale's Valley	...	1.10	4.20
Greenwood	St. James	1.30	1.38
Bellfield	...	..	...
Guilsbro'	...	2.40	4.36
Tryall	...	1.25	...
Leogan	...	2.43	3.02
Cinnamon Hill	...	...	0.34
Rose Hall	..	...	0.84
Running Gut	...	1.84	1.02
Ironshore	...	1.66	2.02
Friendship	...	4.15	...
Providence	...	...	1.38
Montego Bay P. W. D.	...	2.96	...
Catherine Hall	...	3.10	3.96
Catherine Mount	...	3.56	4.17
Fairfield	...	4.70	3.97
Anchovy	...	4.30	5.57
Eden	...	3.26	4.65
Wiltshire	...	...	6.03
Round Hill	Hanover	2.70	3.94
Flint River	...	...	...
Tryall	...	3.57	4.68
Sandy Bay P. W. D.	...	2.80	...
Kew	...	5.26	5.26
Lucea P. W. D.	...	2.30	...
Haughton Court	...	...	5.75

NORTHERN DIVISION *contd.*

		JULY. 1892.	JULY. Average.
		In.	In.
Orange Cove	Hanover	5.65	5.45
CENTRAL SUB-DIVISION—			
Headworks, R. C. C.	St. Catherine	4.24	4.37
Linstead P. W. D.	...	5.37	5.80
Ewarton	...	....	...
Chapelton P. W. D.	Clarendon	6.10	4.08
Cave Valley	St. Ann	5.00	5.01
	Means	2.75	3.83

WEST CENTRAL DIVISION.

		JULY. 1892.	JULY. Average.
		In.	In.
Farm Plantation	Manchester	1.74	5.56
Brokenhurst Plantation	...	...	7.68
Christiana P. W. D.	...	3.33	...
Mandeville P. W. D.	...	5.81	6.08
Ulster Spring P. W. D.	Trelawny	4.65	...
Balaclava P. W. D.	St. Elizabeth	3.00	...
Appleton	...	5.99	6.72
Windsor Pen	Trelawny	4.45	7.73
Spring Vale	St. James	...	7.86
Maroon Town	...	...	11.49
Kempshot	...	...	6.62
Kepp	St. Elizabeth	5.60	8.39
Windsor Forest	Westmoreland	...	9.46
Kew Park	...	7.82	10.58
Woodstock	...	...	9.41
Struie	...	...	7.21
Chester Castle	Hanover	7.81	9.38
Darliston P. W. D.	Westmoreland	15.00	...
Haughton Grove	Hanover	...	8.66
Copse	...	9.27	6.86
Cacoon Castle	...	11.85	7.81
Golden Grove	...	10.63	8.84
Three Mile River	Westmoreland	...	...
George's Plain Estate	...	..	...
Fontabelle	...	1.08	8.55
King's Valley	...	12.90	12.69
Abingdon	Hanover	15.00	12.61
	Means	7.69	8.45

SOUTHERN DIVISION.

		JULY. 1892.	JULY. Average.
		In.	In.
Morant Point L. H.	St. Thomas	2.98	2.88
Morant Bay P. W. D.	...	3.96	...
Abbey	...	2.50	6.45
Bull Bay P. W. D.	...	0.39	...
Gordon Town	St. Andrew	0.73	...
Hope Gardens	...	0.77	3.22
Cherry Garden	...	1.33	3.85
King's House	...	0.30	2.91
Shortwood	...	...	.
Constant Spring	...	...	...
Monaltrie	...	1.26	2.43
Halfway-Tree P.W.D.	...	0.38	...
Camperdown	...	0.97	...
Public Works Office, Kingston		0.20	2.09
Plumb Point L. H.	...	0.12	2.27
Spanish Town P.W.D.	St. Catherine	1.21	3.00
Windsor Park	...	...	3.36
Hog Hole Pen	...	1.65	3.31
Old Harbour P. W. D	...	2.30	3.38
May Pen P. W. D.	Clarendon	2.25	...
Manningsfield P. W. D.	...	0.00	...
Stone's Hope	Manchester	2.61	4.83
Alligator Pond P.W.D.	...	1.35	...

SOUTHERN DIVISION, *contd.*

		JULY. 1892.	JULY. Average.
		In.	In.
Potsdam	St. Elizabeth	1.82	3.36
Long Hill	...	5.09	3.82
Pepper	...	3.90	2.57
Torrington P. W. D.	...	2.62	...
Santa Cruz P. W. D.	...	5.24	...
Santa Cruz Poorhouse	...	5.15	4.59
Black River P. W. D.	...	5.43	...
Grand Vale	Westmoreland	2.94	...
Peter's Ville	...	...	...
Mount Edgecombe	...	5.58	6.19
Sweet River		9.63	6.39
Windsor (Sav.-la-Mar)	...	...	7.09
Sav.-la-Mar P. W. D.	...	5.73	...
Retreat	...	7.77	...
	Means	2.68	3.75

COMPARATIVE TABLE OF RAINFALL.

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

	JULY. 1892.	JULY. Average.
North Eastern Division	4.06	5.54
Northern "	2.75	3.33
West Central "	7.69	8.45
Southern "	2.68	3.75
The Island	4.30	5.27

In each Division the rainfall was a little below the average and the fall over the Island generally was one fifth short of the average

The greatest fall, viz.: 1[illegible].00 inches, was recorded at two places, Darliston in Westmoreland and Abingdon in Hanover, and the smallest viz.: 0.12 inches at the Plumb Point Light House.

Below will be found a statement of the Rainfall recorded during this year compared with the average fall during the months in question.

	Rainfall recorded in 1892.	Average Rainfall.
January	3.70	4.14
February	1.15	2.53
March	2.22	3.00
April	2.73	4.79
May	8.38	9.61
June	7.04	8.47
July	4.30	5.27
Total	29.52	37.81

Although the mean for each Division in July is as above stated considerable departures from the average fall have taken place. The fall was less than one third of the average at Phœnix and Gale's Valley in Trelawny, Fontabelle in Westmoreland (where it was only about one eighth), Hope Gardens and King's House in St Andrew. At the Public Works Office Kingston it was a tenth and at the Plumb Point Light House it was only about a twentieth of the average. No such large variations occurred in excess of the average but at Golden Grove in Trelawny the fall was between two and three times the average, the excess in this case being 5.32 inches, while the deficiency in the worst case mentioned above is 2.15 ins.

Kingston, 16th August, 1892. ROBT. JOHNSTONE.

THE JAMAICA WEATHER SERVICE.

Notice for the Hurricane Season of 1892.

(1) During the hurricane months of August, September, and October, the weather will be considered disturbed when the barometer is falling and when it has fallen between one and two tenths of an inch below its mean value for the time of day and year, all due corrections having been applied.

(2) Should the weather during these months be disturbed at any time, a circular telegram will be despatched as soon as possible, and copies of this telegram will be posted at all the telegraph stations in the Island.

(3) Each circular telegram will give the hour of despatch, the reading of the barometer corrected and reduced, the temperature of the air, the direction and force of the wind, the weather, and any remarks which may be necessary. The forms used in posting copies of the telegram are printed on red paper.

(4) After the first circular telegram has been despatched, a second circular telegram will be sent either to convey special warning, or to relieve unnecessary alarm, as soon as the position and motion of the centre of the disturbance can be ascertained by an exchange of telegrams between the observers at Kingston and Lucea.

(5) The first circular telegram is intended to call public attention to the disturbed state of the weather as soon as possible; the second circular telegram is intended to give definite information, and warning when necessary. But due care should always be taken after the issue of the first telegram; for the telegraph wires may be broken before the second can be despatched; or two cyclones, or the curvature of a single cyclone on its course, may confuse the indications.

(6) In order to render the Weather Service effective in warning the shipping in the different ports of the Island, copies of the telegrams referred to above will be given to the Harbour Masters at Milk River, Black River, Sav.-la-Mar, Lucea, Montego Bay, Falmouth, St. Ann's Bay, Port Maria, Port Antonio and Morant Bay, who, upon the receipt of the first telegram, will keep themselves in readiness to warn the shipping in harbour should the second telegram render such warning necessary.

(7) Warnings will be given by means of flags and lamps; the flags are six feet square, having red borders enclosing black centres, two feet square: the lamps, for use at night, emit a strong red light.

(8) The hurricane signals will be hoisted only under the following circumstances:—when specially ordered by warning telegrams, or when the telegraph wires are broken and a storm is clearly approaching.

(9) With the aid of the harbour master of Kingston special arrangements have been made as last year for warning the shipping in that port. As heretofore, notices will be posted during the day, when necessary, at the Colonial Secretary's Office, the Merchants' Exchange in Duke Street, and Mr. McDonald's Store in Harbour Street; and, if necessary, hurricane flags will be hoisted at the two former places. Such notices will be signed by Mr. Robert Johnstone who has charge of the Weather Office in Kingston,

(10) Arrangements have been made with the Jamaica Post Office, so that when under special circumstances due notice can be given to the Postmaster for Jamaica, the wires may be kept open between 5 p.m. and 7 a.m., and also on Sundays.

(11) Since the establishment of the service in 1880, twenty six cyclonic disturbances have passed within barometric range of Jamaica, and information respecting them has been telegraphed round the Island without causing unnecessary alarm in a single case, for on three occasions only, namely, before the hurricanes of August 18th, 1880, and August 20th, 1886, and before the conflicting cyclones of Sept. 15th, 1889, have orders been given to hoist the hurricane signals.

We may therefore expect that two or three disturbances will, on an average, be telegraphed around the Island each hurricane season.

The telegraph clerks may be assured that their services will never be asked for beyond the usual working hours, except when absolutely necessary from a meteorological point of view.

MAXWELL HALL.

Govt. Meteorologist, Lucea, July 20th, 1892.

No. 147.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

AUGUST, 1892.

KINGSTON :—METEOROLOGICAL RESULTS.

Elevation above Sea-level 50 feet.

Date.	Pressure.		Temperature.					Dewpoint.		Humidity.		Wind. Direction from, and miles per hour.						Total miles of wind.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.		3 p.m.		Means for the day.		
	In.	In.	°	°	°	°	°	°	°									
1	30.015	29.961	74.2	86.7	89.3	72.3	17.0	67.0	75.1	78	69	N	2	SE	14	SE	5	127
2	.031	.986	77.2	87.5	90.5	74.1	16.4	69.9	77.0	78	71	N	2	S	4	S	4	86
3	.010	.969	76.1	86.7	89.8	72.1	17.7	70.8	74.4	84	67	N	2	SE	10	SSE	4	94
4	29.996	.964	76.9	82.9	88.5	74.5	14.0	69.6	73.4	78	73	Z	0	N	6	Var	4	90
5	.971	.945	75.2	83.4	87.7	72.7	15.0	70.4	73.4	85	72	Z	0	SSE	10	SSE	5	118
6	30.032	30.035	76.7	84.2	84.3	73.0	11.3	70.8	72.6	82	68	N	1	SSE	6	SSE	4	86
7	.094	.027	75.5	84.3	88.8	73.0	15.8	70.7	72.2	85	67	Z	0	SE	13	SE	5	108
8	.064	.031	76.7	87.6	89.1	73.1	16.0	67.4	75.5	73	68	N	1	SSE	10	SSE	5	124
9	.026	29.977	76.1	82.2	89.4	73.4	16.0	70.1	73.9	82	76	Z	0	Var.	4	SE	4	84
10	.015	.982	77.4	82.9	87.7	73.0	14.7	69.1	72.2	76	70	N	2	SE	10	SE	4	108
11	.038	.997	72.1	83.9	87.4	70.1	17.3	67.7	73.8	86	72	N	1	Var.	6	SSE	4	86
12	.016	.980	74.6	83.6	88.3	71.2	17.1	68.2	71.3	80	67	Z	0	Var.	2	SSE	3	78
13	.004	.959	73.9	85.2	88.6	70.8	17.8	69.2	74.0	85	69	Z	0	SE	10	SSE	4	84
14	29.986	.958	76.4	85.3	88.8	73.3	15.5	69.4	72.0	79	65	N	2	SSE	11	SSE	5	125
15	.977	.929	75.2	86.0	89.9	72.1	17.8	68.2	76.1	72	89	N	3	SSW	6	Var.	3	81
16	.982	.938	75.6	86.4	88.0	72.5	15.5	72.2	74.5	89	68	N	1	SSE	7	S	3	76
17	.947	.887	76.4	88.6	89.7	72.2	17.5	72.6	75.6	88	66	Z	0	S	3	S	3	61
18	.928	.899	76.6	88.0	89.2	74.1	15.1	71.7	74.8	85	65	Z	0	S	6	S	3	68
19	.971	.953	79.6	83.1	87.5	75.8	11.7	72.7	75.3	80	78	N	2	S	6	S	2	54
20	30.005	.966	76.2	87.4	88.3	73.1	15.2	72.3	75.8	88	69	Z	0	SE	8	SSE	4	88
21	.029	30.000	77.1	85.6	88.6	72.5	16.1	70.8	72.1	81	64	Z	0	S	6	S	3	63
22	.022	29.988	74.5	83.6	89.2	73.0	16.2	69.3	71.5	84	67	N	2	NW	2	Var.	3	71
23	.000	.945	75.6	88.4	90.5	72.8	17.7	68.8	74.2	80	63	N	1	SE	12	SE	5	120
24	29.985	.940	74.6	84.4	88.2	73.8	14.4	68.8	73.1	82	69	Z	0	Z	0	SE	3	67
25	.950	.907	75.6	86.5	87.6	72.6	15.0	71.8	70.7	88	60	N	2	NW	4	Var.	3	78
26	.973	.914	76.9	84.7	87.9	72.7	15.2	70.8	72.3	82	67	N	3	SE	12	SE	4	100
27	.984	.927	76.4	86.5	88.8	73.2	15.6	69.9	73.6	80	66	N	3	NE	3	SE	3	82
28	.992	.935	78.6	84.4	89.2	74.7	14.5	71.2	76.2	78	77	Z	0	SSE	10	SSE	5	122
29	.974	.915	75.3	86.2	90.1	72.2	17.9	66.2	74.6	73	69	N	3	SSE	10	S	4	96
30	.977	.928	75.7	80.4	89.0	74.1	14.9	66.6	74.5	73	82	N	2	NW	2	S	3	77
31	.995	.930	73.9	82.9	88.8	72.8	16.0	68.4	74.4	83	76	N	2	SE	10	SE	4	105
Means.	30.000	29.957	75.9	85.1	88.6	72.9	15.7	69.8	73.9	81	69	N	1.2	SSE	7.2	SSE	3.8	90.4

KINGSTON :—METEOROLOGICAL RESULTS.

Elevation above Sea-level 50 feet

Date.	Upper Cloud. (in tenths of the sky). 7 a.m.	Upper Cloud. 3 p.m.	Lower Cloud. (in tenths of the sky.) 7 a.m.	Lower Cloud. 3 p.m.	Rainfall.	Weather: Remarks, &c.
1	3 Cir. NNE.	...	1 Cum.	6 Cum.	0.00	Fine a.m. Cloudy p.m.
2	...	1 Cir. SW.	...	4 Cum. E.	0.00	Fine a.m. Warm p.m
3	6 Cir. S.	5 Cir. S.	...	5 Str. cum.	0.00	Fine a.m. Fair p.m.
4	...	...	3 Alt. Cum 4 Cum. 1 Str. Cum } SSE	5 Str. Cum, 5 Cum.	0.00	Fine a.m. Cloudy to N. at 3 p.m., rain on Hills.
5	...	...	...	10 Str.	0.00	Fine a.m. Cloudy p.m. Thunder to N at 5 p.m.
6	6 Cir. NW.	...	4 Cum. SE.	8 Alt. Str. 2 Cum.	0.00	Light squall from SE. at 8 a.m and drizzle; cloudy p.m.
7	...	...	6 Str. 4 Str. Cum.	10 Str. & Str. Cum.	0.00	Cloudy.
8	...	5 Cir. & Cir. s.	3 Cum.	5 Str. Cum.	0.00	Fine a.m. Fair p.m.
9	1 Cir. E.	...	...	10 Cum. & Cum. Nim. E.	0.00	Fine a.m. Cloudy p.m., (rain on Hills in afternoon).
10	3 Cir. E.	...	...	10 Cum & Str. Cum.	0.09	Fair a. m. drizzle about noon. cloudy p.m. Rain 4 to 5 p.m.
11	...	...	...	6 Cum. & Str. Cum.	0.00	Fine a m. Fair p.m.
12	1 Cir. NW.	...	...	10 Cum. & Str. Cum.	0.00	Fine a.m. Cloudy p.m.
13	8 Cir. NW.	...	...	10 Cum. & Str. cum.	0.00	Fine a.m. Cloudy p.m.
14	...	1 Cir. c. E.	1 Cum. E.	2 Alt Str. W.	0.00	Squalls at 10.20 a.m. Fine p.m.
15	...	5 Cir. s.	...	5 Str. Cum.	0.00	Fine a.m. Fair p.m.
16	...	...	1 Alt. Cum. 6 Str. Cum. } E	6 Str. Cum.	0.05	Rain at 2 a.m. Fair p.m.
17	...	...	3 Str. Cum. E.	5 Str. Cum.	0.00	Fine.
18	1 Cir. ENE.	5 Cir. & Cir. s. NE.	...	5 Cum & Str. Cum. NE.	0.00	Fine a.m.. Fair p.m
19	...	...	5 Nim. & Cum. Nim, 5 Str. Cum. }	10 Str. Cum. & Cum. Nim.	0.04	Drizzle at 7 a.m. Cloudy p.m.
20	...	...	1 Cum.	...	0.00	Fine.
21	...	...	...	10 Cum & Cum. Nim.	0.01	Drizzle at 11 a.m., and at 4 p.m.
22	...	...	...	8 Str. & Str. Cum,	0.05	Fine a.m. Rain at 1 p.m. Cloudy p.m.
23	...	...	...	4 Cum. & Str. Cum.	0.00	Fine a.m. Fair p.m.
24	3 Cir. s. & Cir. c.	...	1 Cum. NE.	3 Cum.	0.60	Cloudy at 6 a.m., with drizzle. Rain at 1 p.m., and thunder to N.
25	10 Cir. & cir. s. S.	8 Cir. & Cir. s. SW.	...	2 Cum. SE.	0.05	Rain at 11.30 a.m Cloudy p.m.
26	6 Cir. & Cir. s. W.	7 Cir. & Cir. s.	4 Str. Cum.	3 Str. Cum.	0.00	Fair. a.m. Cloudy p.m. Thunder to N. at noon.
27	...	...	...	6 Cum. & Cum. Nim. E.	0.00	Fine a.m. Cloudy p.m. Rain to N. at 2 p.m.
28	8 Cir. & Cir. s. NE.	8 Cir. & Cir. s. NW.	2 Cum. E.	2 Cum. E.	0.00	Fair.
29	...	...	...	6 Str. Cum.	0.00	Fine a.m. Cloudy p.m, Thunder to N. at 3 p.m.
30	1 Cir. NE.	...	...	5 Str. Cum.	0.20	Fine a.m. Rain 1 to 1.30 p.m.
31	2 Cir. s. 1 Cir. c. } NE.	2 Cir.s.	...	4 Str. Cum.	0.00	Fair.
Means. Total.	19 o/o	16 o/o	18 o/o	62 o/o	1.09	Fair.

RESULTS AT OTHER STATIONS.

Station.	Elevation	Means for the Month. Temperature. 7 a.m.	3 p.m.	Max.	Min.	Range.	Dewpoint. 7 a.m.	3 p.m.	Humidity. 7 a.m.	3 p.m.	Extremes for the Month. Temperature. Max.	Date.	Min.	Date.	Range.	Total Rainfall.
	ft.	°	°	°	°	°	°	°			°		°		°	in.
Kings House ...	400	74.6	85.0	91.6	67.9	23.7	69.9	79.5	84	85	95	6	62	5	33	3.15
Castleton Gardens ...	560	69.3	80.0	84.4	67.5	16.9	57.0	74.1	65	82	88	18	65	1*	23	7.39
Hope Gardens ...	600	73.6	84.4	87.2	72.6	14.6	68.0	72.4	81	67	93	23	67	13	26	2.69
Cinchona Plantation ...	4,907	62.2	67.4	72.4	61.0	11.4	56.4	60.5	81	81	76	15&29	56	1 & 13	20	1.52

* and several 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 :—

	August. 1892.	Average.
Infantile diseases not otherwise specified ...	13	12
Lung diseases ...	21	15
Fever ...	5	9
Dysentery and Diarrhœa	4	4
Various ...	38	50
Total	81	90

Cinchona Plantation.

The following are means for the month in addition to those published above :—

		in.
Barometic pressure	7 a.m.	25.356
" "	3 p.m.	25.362
Temperature—		°
6 feet underground	7 a.m.	63.0
" "	3 p.m.	63.3
Direction of the wind ...	...	SE.
Velocity of the wind in miles per day ...		32

The maximum and minimum temperatures for the month at Newhaven Gap were respectively 76°3 and 54°5, and the rainfall was 2.98 in.

BLUE MOUNTAIN PEAK:—ELEVATION 7,406 FEET

Day.	Hour.	Temperature. Max.	Temperature. Min.	Temp.	Rain.	Remarks.	Observer's Initials.
1892.		°	°	°	in.		
January 30th ...	11.15 a.m.	70	35	60	14.80	Clear and sunny.	M. F. B.
February 27th ...	11.30 a.m.	73	42	60	8.00	Fine, bright and windy.	M. F. B.
April 2nd ...	11.35 a.m.	73	38	55	2.65	Cold cloudy with rain.	M. F. B.
April 30th	1.40 p.m.	73	39	61	6.85	Cloudy no rain.	M. F. B.
May 28th	10.30 a.m.	70	45	65	11.80	Cloudy with rain.	M. F. B.
June 29th	10.15 a.m.	71	45	53	27.30	Fine, bright, high wind.	M. F. B.
July 28th	11.30 a.m.	69	46	66	6.15	Fine, clear all round.	M. F. B.
Sept. 5th	10.20 a.m.	74	45	68	4.60	Fine, bright no wind.	M. F. B.

Note—The Barometric pressure is the reading of the Barometer corrected for instrumental error, and reduced to 32°, that of Kingston being further reduced to Sea-level. The Thermometers are similarly exposed in Stevenson's screens at all the above Stations; their readings have all been corrected.

Rainfall for August, 1892.

The first columns contain all the Rainfall Returns sent in for publication up to the date of this report; the second columns contain the corresponding average Rainfall according to the Tables published in January, 1892, as No. 124 (A) of the present series of Reports. In obtaining the mean Rainfall for the month from the numbers in the first columns, only those Stations are considered for which the average Rainfall has been given in the second columns; so that the results of these two columns are directly comparable. These results are more clearly shown in the Comparative Table at the end of these Rainfall Returns:—

North-Eastern Division.

		August. 1892.	August. Average.
		In.	In.
Hordley	St. Thomas	5.95	11.09
Manchioneal	Portland	6.77	...
Bath P. W. D.	St. Thomas	7.53	...
Boston	Portland	...	11.07
Port Antonio P. W. D.	...	10.38	12.62
Fellowship P. W. D.	...	10.51	...
Cinchona Plantation	St. Andrew	1.52	9.75
Buff Bay P. W. D.	Portland	5.41	...
Balcarres P. W. D.	...	7.40	...
Cold Spring	St. Andrew	2.38	...
Annotto Bay P. W. D.	St. Mary	2.59	...
Stony Hill Reformatory	St. Andrew	8.90	11.82
Castleton Gardens	St. Mary	7.89	11.04
Lawrence's Tavern P.W.D.	St. Andrew	10.98	...
Quebec	St. Mary	...	3.89
Richmond P. W. D.	...	...	...
Highgate	...	4.80	...
Free Hill P. W. D.	...	...	...
Gayle	...	4.25	6.65
Lucky Hill P. W. D.	...	4.76	...
Rio Hoe	St. Ann	4.53	8.02
Unity Valley	...	9.03	6.79
Moneague P. W. D.	...	8.45	...
Claremont	...	6.56	...
Pedro P. W. D.	...	...	...
Albion	...	6.27	...
Averham Park	...	5.39	5.97
Ballintoy	...	10.03	...
	Means	6.43	9.31

Northern Division.

		August. 1892.	August. Average.
		In.	In.
Port Maria P. W. D.	St. Mary	3.85	4.81
Drax Hall	St. Ann	3.75	4.10
St. Ann's Bay P. W. D.	...	3.03	...
Seville	...	...	4.35
Richmond Estate	...	...	4.19
Llandovery	...	...	3.57
Southfield	...	6.90	...

Northern Division, *contd.*

		August. 1892.	August. Average.
		In	In.
Brown's Town P. W. D.		5.07	...
Home Castle	...	3.65	4.28
Richmond Pen	St. Ann	4.30	6.23
Mahogany Hall	Trelawny	6.53	6.13
Braco	...	2.58	3.62
Arcadia	...	2.63	4.27
Harmony Hall	...	2.43	2.91
Lancaster	...	3.51	3.77
Vale Royal	...	3.33	5.20
Colchis Pen	...	7.63	5.51
Hyde	...	9.27	6.36
Georgia	...	...	4.17
Steelfield	...	5.02	4.08
Oxford	...	4.45	3.48
Cambridge	...	6.68	4.37
Dry Valley	...	3.61	...
Lottery	...	4.40	4.24
Falmouth	...	7.26	3.22
Falmouth P. W. D.	...	7.11	...
Holland Pen	...	7.19	3.45
Pembroke	...	...	5.15
Golden Grove	...	14.80	5.62
Tilston	...	8.01	6.03
Weston Favel	...	...	7.74
Green Park	...		3.83
Orange Valley	...	8.67	3.43
Kent	...	6.36	3.61
Dundee	...	8.62	4.68
Phœnix	...	11.14	5.25
Gale's Valley	...	9.08	6.51
Greenwood	St. James	7.13	3.53
Canaan	...	7.56	...
Bellfield	...	...	...
Guilsbro'	...	8.05	6.04
Tryall	...	7.14	...
Leogan	...	7.11	6.14
Cinnamon Hill	...	...	2.31
Rose Hall	...	...	2.56
Running Gut	...	6.20	2.69
Ironshore	...	5.93	5.12
Friendship	...	6.25	...
Providence	...	...	4.65
Montego Bay P. W. D.	...	8.75	...
Catherine Hall	...	8.00	6.72
Catherine Mount	...	6.57	7.04
Fairfield	...	7.22	6.89
Anchovy	...	11.18	6.79
Eden	...	11.17	8.03
Wiltshire	...	...	8.30
Round Hill	Hanover	7.40	5.55
Flint River	...	5.72	...
Tryall	...	7.92	6.61
Sandy Bay P. W. D.	...	4.41	...
Kew	...	11.68	7.55
Lucea P. W. D.	...	10.27	...

Northern Division *contd.*

		August. 1892.	August. Average.
		In.	In.
Haughton Court	Hanover	...	6.41
Orange Cove	...	10.87	6.46
Central Sub-Division—			
Headworks, R. C. C.	St. Catherine	8.93	7.02
Linstead P. W. D.	...	9.90	8.64
Ewarton	...	...	...
Chapelton P. W. D.	Clarendon	1.48	8.98
Cave Valley	St. Ann	4.46	8.24
	Means	6.98	6.47

West Central Division.

		August. 1892.	August. Average.
		In.	In.
Farm Plantation	Manchester	3.46	9.39
Brokenhurst Plantation	...	...	10.01
Christiana P. W. D.	...	8.21	...
Mandeville P. W. D.	...	7.05	10.60
Ulster Spring P. W. D.	Trelawny	13.37	...
Balaclava P. W. D.	St. Elizabeth	...	...
Appleton	...	12.37	11.48
Troy	Trelawny	7.79	...
Windsor Pen	...	10.91	9.47
Spring Vale	St. James	...	11.86
Maroon Town	...	...	13.80
Kempshot	...	...	9.46
Kepp	St. Elizabeth	...	11.14
Windsor Forest	Westmoreland	...	13.53
Kew Park	...	16.27	11.67
Woodstock	...	...	11.03
Struie	...	...	10.36
Chester Castle	Hanover	16.20	11.73
Darliston P. W. D.	Westmoreland	17.93	...
Haughton Grove	Hanover	...	11.87
Copse	...	13.86	10.82
Cacoon Castle	...	15.07	10.66
Golden Grove	...	18.68	12.34
Three Mile River	Westmoreland	...	...
George's Plain Estate	...	...	...
Fontabelle	...	6.78	11.79
King's Valley	...	14.75	11.41
Abingdon	Hanover	14.85	9.19
	Means	12.52	10.88

Southern Division.

		August. 1892.	August. Average.
		In.	In.
Morant Point L. H.	St. Thomas	3.34	5.62
Morant Bay P. W. D.	...	3.25	...
Abbey	...	2.20	9.00
Bull Bay P. W. D.	...	0.00	...
Gordon Town	St. Andrew	1.86	...
Hope Gardens	...	2.69	7.23
Cherry Garden	...	...	9.19
King's House	...	...	7.31
Shortwood	...	...	...
Constant Spring	...	...	...
Monaltrie	...	3.62	5.93
Halfway-Tree P.W.D.	...	2.62	...
Camperdown	...	2.70	...
Public Works Office, Kingston		1.09	5.05
Plumb Point L. H.	...	4.12	4.29

Southern Division, *contd.*

		August. 1892.	August. Average.
		In.	In.
Spanish Town P.W.D.	St. Catherine	1.79	5.75
Windsor Park	...	2.46	2.95
Hog Hole Pen	...	5.07	5.79
Old Harbour P. W. D	...	3.89	3.77
May Pen P. W. D.	Clarendon	8.12	...
Manningsfield P. W. D.	...	0.47	...
Stone's Hope	Manchester	10.50	6.44
Alligator Pond P.W.D.	...	5.32	...
Potsdam	St. Elizabeth	5.27	5.43
Long Hill		7.99	6.60
Pepper	...	4.60	7.06
Torrington P. W. D.	...	...	...
Santa Cruz P. W. D.	...	19.06	...
Santa Cruz Poorhouse	...	13.11	7.42
Black River P. W. D.	...	4.89	...
Grand Vale	Westmoreland	9.52	...
Peter's Ville	...	...	...
Mount Edgecombe	...	8.10	6.02
Sweet River		...	7.68
Windsor (Sav.-la-Mar)	...	...	7.04
Sav.-la-Mar P. W. D.	...	11.69	...
Retreat	...	7.57	...
	Means	4.99	5.90

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

August.	1892.	Average.
North Eastern Division	6.43	9.31
Northern "	6.98	5.47
West Central "	12.52	10.88
Southern "	4.99	5 90
The Island	7.73	7 89

The rainfall as a whole was just about the average, the Northern and West Central Divisions being above, and the North Eastern and Southern Divisions being below.

The greatest fall, viz.: 19.06 inches, was recorded at the Public Works Office at Santa Cruz and no rain fell at Bull Bay.

Below will be found a statement of the Rainfall recorded during this year compared with the average fall during the months in question.

	Rainfall recorded in 1892.	Average Rainfall.
January	3.70	4.14
February	1.15	2.53
March	2.22	3.00
April	2.73	4.79
May	8.38	9.61
June	7.04	8.47
July	4.80	5.27
August	7.73	7.89
Total	37.25	45.70

Mr. Fawcett reports that an earthquake was felt at the Cinchona Plantation at 9.42 p. m. on the 9th August. He states that the shock was slight and that the walls on the Northside of the house were first shaken and then those on the South, also that the shock was felt by Dr. Edwards at the Abbey at the same time.

Dr. T. F. Manners reports it as "a double shock of "earthquake on the 9th August, at 10 minutes to 10 "p. m., sky clear."

Mr. Geo. A. Douet also reports that he felt it at Burlington Estate (near the Rio Grande Bridge) at 9.40 p. m., and that it was felt there as a very severe earthquake, apparently from West to East, and that it lasted a considerable time, long enough for himself and others in the house to discuss it while being felt.

Barometric Depressions in August, 1892.

There was only one depression within barometric range of Jamaica in August, 1892, and that was a Cyclone the centre of which passed to the North of Tortola one of the Virgin Islands at about 9 a. m., local time on the 17th. There was never any chance of this Cyclone coming near Jamaica and a notice to this effect to relieve apprehension was sent to the papers with the daily weather report for the 17th. The subsequent course of this storm is thus traced on the Pilot Chart of the United States It is supposed to have taken a North North Westerly course till it was central about 100 miles West of Bermuda and then curved to the North North Eastward passing over Newfoundland on the 22nd. In the Jamaica papers of the 30th August, it is stated that the S S "Beta" which left Halifax on the 18th, met this hurricane at 4 p. m. on the 20th in Lat. 37°41′ N. Long. 63°30′ W. and that the storm lasted all that night and part of the 21st.

Accidents Caused By Lightning.

In the Weather Report for September, 1891, there was an Article by Mr. Maxwell Hall on the Protection of Buildings from Lightning, with more especial reference to Jamaica, and there were also accounts given of accidents caused by lightning in 1891.

On the afternoon of the 24th August, this year, there occurred at the house of the Hon. T. L. Harvey at the Pinnacle, an exposed spot on the hills to the North of Spanish Town, a most deplorable accident which unfortunately was attended with fatal results. One of Mr. Harvey's children, a little girl, is reported to have gone from the drawing-room into the piazza and while there the house was struck by lightning with the result that the child was killed. Mrs. Harvey and the nurse both felt the shock, but in a less degree.

A house in Westmoreland is also reported in the "Gleaner" of the 30th August, to have been struck with lightning which did damage at a spot where a person had a minute before been standing, and in the "Jamaica Post" of the 31st August, there is an account of a sharp thunderstorm which passed over Siloah on the 24th August, during which the lightning conductor on one of the houses was struck and afterwards found to be twisted and bent, no damage however being done to the house. This latter thunderstorm was accompanied in the Mount Trinity District by a shower of hail stones.

Robt. Johnstone.

Kingston 17th September, 1892.

No. 148.

JAMAICA

WEATHER REPORT

FOR THE MONTH OF

SEPTEMBER, 1892.

KINGSTON:—METEOROLOGICAL RESULTS.

Elevation above Sea-level 50 feet.

Date.	Pressure.		Temperature.					Dewpoint.		Humidity.		Wind. Direction from, and miles per hour.						Total miles of wind.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	7 a.m	3 p.m.	7 a.m.	3 p.m.	7 a.m.		3 p.m.		Means for the day.		
	In.	In.	°	°	°	°	°	°	°									
1	30.005	29.972	75.3	81.2	87.1	73.2	13.9	70.8	68.3	86	65	N	1	E	4	E	3	72
2	.043	.961	77.2	86.5	89.5	73.8	16.7	69.4	73.1	77	65	N	2	SE	14	SE	6	136
3	.053	.967	73.4	85.2	88.3	71.8	16.5	66.8	73.6	80	68	Z	0	SSE	10	SSE	3	74
4	.026	.982	75.7	83.4	87.8	73.8	14.0	71.3	67.7	86	59	Z	0	SW	3	Var	3	61
5	.004	.975	73.9	80.5	88.9	71.5	17.4	69.1	69.5	85	69	Z	0	N	3	SSE	4	96
6	.040	.975	75.5	81.6	88.7	72.6	16.1	69.3	76.9	81	86	N	1	NW	4	SE	3	76
7	29.997	.910	75.5	88.4	90.3	72.4	17.9	69.7	71.7	82	58	N	2	SE	8	SE	3	81
8	.992	.940	77.1	84.7	89.7	74.8	14.9	70.7	74.3	81	71	N	2	SE	10	SE	4	94
9	.990	.922	76.6	79.6	89.5	74.9	14.6	71.7	74.7	85	85	Z	0	N	3	SSE	3	62
10	.942	.877	75.2	86.4	87.3	72.3	15.0	70.6	73.7	86	66	N	1	SSE	12	SSE	4	97
11	.922	.878	77.1	85.4	89.5	73.7	15.8	70.3	72.8	80	66	Z	0	SSE	12	SSE	6	149
12	.956	.869	76.6	87.4	89.8	74.3	15.5	69.5	74.0	79	65	N	2	SE	16	SE	7	174
13	.985	.895	78.2	88.1	90.7	74.8	15.9	71.1	78.8	79	74	N	2	SE	16	SSE	7	159
14	30.031	.928	76.5	87.2	90.4	74.6	15.8	69.5	72.6	79	62	N	1	SE	14	SE	5	128
15	.009	.959	75.0	81.9	85.3	73.0	12.3	67.6	72.4	78	73	Z	0	SSE	7	SSE	2	53
16	.027	.945	74.6	87.6	89.9	72.0	17.9	68.2	72.2	80	60	Z	0	SSE	14	SSE	5	124
17	.031	30.083	76.2	79.9	90.6	73.8	16.8	69.4	70.8	79	74	N	2	N	7	Var.	3	82
18	.045	29.967	74.9	85.4	89.4	71.4	18.0	67.7	75.1	78	71	N	1	S	3	S	3	62
19	29.997	.907	76.2	89.5	91.7	73.8	17.9	68.2	68.7	76	51	W	3	SSW	6	Var.	3	78
20	.959	.877	76.4	86.4	89.3	73.5	15.8	68.4	71.6	76	62	N	4	N	6	S	4	87
21	.932	.873	74.7	74.9	89.3	73.1	16.2	71.1	74.0	88	97	Z	0	NNW	5	SSE	2	57
22	.939	.905	73.4	75.2	76.3	71.0	15.3	72.5	73.1	97	93	SE	4	Z	0	SSE	2	40
23	.957	.928	72.4	83.7	87.7	69.9	17.8	68.9	70.1	89	64	Z	0	SE	9	SSE	3	80
24	.976	.897	74.4	83.9	86.5	72.3	14.2	70.1	73.1	86	70	Z	0	SSE	8	SSE	3	64
25	.960	.892	74.9	83.4	85.5	71.7	13.8	69.6	70.2	84	65	N	2	SE	2	S	2	54
26	.938	.863	74.4	82.4	86.3	72.6	13.7	71.5	72.5	91	72	Z	0	SW	2	Var.	2	39
27	.918	.872	72.0	83.2	85.7	70.3	15.4	71.0	65.2	97	55	Z	0	S	6	S	3	67
28	.903	.875	73.4	81.2	87.1	72.1	15.0	70.5	73.0	91	76	Z	0	SSE	4	SSE	3	72
29	.906	.904	75.6	84.4	86.5	71.8	14.7	73.2	76.1	92	76	Z	0	S	5	S	3	83
30	.973	.946	73.4	82.1	86.9	72.0	14.9	71.3	74.0	93	77	Z	0	S	4	SSE	4	88
Means.	29.982	29.923	75.2	83.7	88.5	72.8	15.7	69.9	72.5	84	69	N	1.0	SSE	7.2	SSE	3.6	86.3

KINGSTON :—METEOROLOGICAL RESULTS.

Elevation above Sea-level 50 feet

Date.	Upper Cloud. (in tenths of the sky). 7 a.m.	Upper Cloud. 3 p.m.	Lower Cloud. (in tenths of the sky.) 7 a.m.	Lower Cloud. 3 p.m.	Rainfall.	Weather: Remarks, &c.
1	2 Cir.	...	4 Alt. Str. 2 Str. } E.	10 Str. & Cum. Nim.	0.02	Cloudy. Squally at 1 p.m. from E; Rain at 1.30 p.m
2	2 Cir. s.	8 Cir.	2 Str. Cum.	2 Str. c.	0.00	Fair a.m.; drizzle at 5 p.m.
3	10 Cir. NNW.	2 Cir. 1 Cir. c. }	...	5 Str. 2 Str. Cum. }	0.0	Fine a.m. Fair p.m.
4	1 Cir. s.	8 Cir. W.	4 Str. 5 Str. c. & Cum Nim.	2 Str.	0.03	Cloudy to 2 p.m. with Thunder to N at intervals. Rain at 8 a.m. from N. Fair afterwards.
5	...	...	...	5 Str. 5 Str. c. }	0.0	Fine a.m. Cloudy to N p.m.
6	1 Cir. 3 Cir. s. }	...	1 Str. c.	5 Cum. Nim. 5 Str. c. }	0.08	Fair a.m. Rain at 2.30 p.m.
7	...	...	...	6 Str. c.	0.00	Fine a.m. Fair p.m.
8	1 Cir. s.	2 Cir. s.	...	8 Str. c & Cum. Nim.	0.00	Fine a.m. Fair p.m.
9	8 Cir. s. NNE.	...	...	10 Nim. & Cum. Nim.	0.02	Fine a.m. Rain 1.15 to 2 p.m. Cloudy p.m.
10	10 Cir. s. N.	1 Cir. c. SSE.	...	4 Str, c.	0.00	Fine a.m. Fair p.m.
11	3 Cir. NE.	2 Cir. s.	...	1 Cum.	.00	Fair.
12	...	...	...	...	0.00	Fine.
13	...	...	...	...	0.00	Fine.
14	1 Cir. s. NNE.	...	1 Alt. Str. .E	4 Str. c.	0.00	Fine.
15	...	...	10 Str.	10 Nim & Cum Nim.	0.00	Cloudy, drizzle 3 to 5.30 p.m.
16	8 Cir. s.	...	2 Str. c.	2 Alt. Str. 2 Str. Cu ... }	0.00	Fair a. m. drizzle at 8 p.m., with Lightning.
17	...	...	10 Alt. c.	10 Cum. Nim & Nim.	0.10	Fair. a.m. Cloudy p.m. Rain at 3.10 p.m., and thunder.
18	...	...	1 Str.	8 Cum. Nim 2 Str. c. }	0.00	Drizzle at 11.45 a.m. Cloudy.
19	2 Cir. s.	1 Cir. c. S.	8 Str. & Str. c.	2 Str. c.	0.00	Thunder and lightning to N. at 5 a.m. Fine day
20	...	...	...	10 Str. c. & Cum.	0.03	Fine a.m. Cloudy p.m. Rain at 3.15 p.m.
21	5 Cir. s. SW.	...	5 Str. c.	10 Nim.	1.14	Fair a.m. Thunderstorm to N. at 2 p.m. Rain 2.30 p.m., to 3.15 p.m.
22	...	...	10 Nim. & Cum. Nim.	10 Str. & Cum. Nim. S	1.20	Cloudy. Rain 12.30 a.m., to 6 a.m., drizzle 7 to 10 a.m. Rain from 10 a.m., to 2 p.m
23	...	6 Cir. s.	10 Str. c. & Cum Nim. SE	4 Str. c.	0.0	Cloudy at 7 a.m., fair after. Cloudy afternoon.
24	1 Cir. 1 Cir. s. } N.	1 Cir. c. NE.	...	6 Str. c. E	0.00	Fine a.m. Drizzle at 12.30 p.m. Fair after.
25	10 Cir. & Cir. s. NW.	...	...	10 Str.	0.00	Fair, with thunder to N. at 11 a.m.
26	2 Cir. s. S.	...	8 Str. S.	10 Str.	0.12	Thunder and lightning at 6.30 a.m., from S., drizzle at 8 a.m. Rain, 8 p.m.
27	1 Cir. c. SW.	...	...	3 Str. c.	0.00	Fine a.m. Fair p.m.
28	1 Cir. W.	...	...	10 Cum. Nim.	0.11	Fine a.m. Rain at 6 p.m., and thunderstorm.
29	6 Cir. SE.	2 Cir. s.	...	8 Str. c.	0.33	Fine a.m. Rain at 1 p.m., and from 4 to 5 p.m. Light shock of earthquake at 5.50 p.m.
30	...	5 Cir. s.	10 Alt. Str.	5 Str. E.	0.00	Cloudy a.m. Fair p.m.
Means.	26 o/o	13 o/o	32o/o	65 o/o	8.18	Fair with showers.
Total.					~~8.15~~	

RESULTS AT OTHER STATIONS.

Station.	Elevation	Means for the Month. Temperature. 7 a.m.	3 p.m.	Max.	Min.	Range.	Dewpoint. 7 a.m.	3 p.m.	Humidity. 7 a.m.	3 p.m.	Extremes for the Month. Temperature. Max.	Date.	Min.	Date.	Range.	Total Rainfall.
	ft.	°	°	°	°	°	°	°			°		°		°	in.
Kings House ...	400	73.4	84.6	88.1	68.5	19.6	69.5	77.6	90	79	94	11&13	64	21	30	13.65
Castleton Gardens ...	580	68.9	79.4	85.7	67.2	18.5	68.1	73.6	93	84	89	12&13	64	18	25	12.42
Hope Gardens ...	600	72.3	81.8	84.3	72.6	11.7	69.5	73.2	93	74	91	13	66	23	25	11.19
Cinchona Plantation ...	4,907	68.0	66.2	70.9	60.8	10.1	53.5	62.1	70	87	75	2*	55	28	20	8.37

*also 11 and 14.

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 :—

	September. 1892.	Average.
Infantile diseases not otherwise specified ...	16	11
Lung diseases ...	15	12
Fever ...	3	7
Dysentery and Diarrhoea	5	2
Various ...	32	47
Total	71	79

Cinchona Plantation.

The following are means for the month in addition to those published above :—

		in.
Barometic pressure	7 a.m.	25.330
" "	3 p.m.	25.319
Temperature—		°
6 feet underground	7 a.m.	63.9
" "	3 p.m.	63.9
Direction of the wind	...	SE
Velocity of the wind in miles per day		17.5

The maximum and minimum temperatures for the month at Newhaven Gap were respectively 78.3 and 52.5 and the rainfall was 8.10 in.

BLUE MOUNTAIN PEAK :—ELEVATION 7,406 FEET

Day.	Hour.	Temperature. Max.	Temperature. Min.	Temp.	Rain.	Remarks.	Observer's Initials.
1892.		°	°	°	in.		
January 30th ...	11.15 a.m.	70	35	60	14.90	Clear and sunny.	M. F. B.
February 27th ...	11.30 a.m.	73	42	60	8.00	Fine, bright and windy.	M. F. B.
April 2nd ...	11.35 a.m.	73	38	55	2.65	Cold cloudy with rain.	M. F. B.
April 30th	1 40 p.m.	73	39	61	6.85	Cloudy no rain.	M. F. B.
May 28th	10.30 a.m.	70	45	65	11.80	Cloudy with rain.	M. F. B.
June 29th	10.15 a.m.	71	45	53	27.30	Fine, bright, high wind.	M. F. B.
July 28th	11.30 a.m.	69	46	66	6.15	Fine. clear all round.	M. F. B.
Sept. 5th	10.20 a.m.	74	45	68	4 60	Fine, bright no wind.	M. F. B.
Oct. 1st	10.30 a.m.	74	52	66	7.85	Fine and sunny.	M. F. B.

NOTE—The Barometric pressure is the reading of the Barometer corrected for instrumental error, and reduced to 32°. that of Kingston being further reduced to Sea-level. The Thermometers are similarly exposed in Stevenson's screens at all the above Stations; their readings have all been corrected.

RAINFALL FOR SEPTEMBER, 1892.

The first columns contain all the Rainfall Returns sent in for publication up to the date of this report; the second columns contain the corresponding average Rainfall according to the Tables published in January, 1892, as No. 124 (A) of the present series of Reports. In obtaining the mean Rainfall for the month from the numbers in the first columns, only those Stations are considered for which the average Rainfall has been given in the second columns; so that the results of these two columns are directly comparable. These results are more clearly shown in the Comparative Table at the end of these Rainfall Returns :—

NORTH-EASTERN DIVISION.

		September 1892. In.	September Average. In.
Hordley	St. Thomas	13.65	12.58
Manchioneal	Portland	14.42	...
Bath P. W. D.	St. Thomas	15.03	...
Boston	Portland	...	12.62
Port Antonio P. W. D.	...	6.27	9.67
Fellowship P. W. D.	...	13.76	...
Cinchona Plantation	St. Andrew	...	9.79
Buff Bay P. W. D.	Portland	4.36	...
Balcarres P. W. D.	...	8.00	...
Cold Spring	St. Andrew	9.58	...
Annotto Bay, P. W. D.	St. Mary	3.79	...
Stony Hill Reformatory	St. Andrew	13.43	9.85
Castleton Gardens	St. Mary	...	9.55
Lawrence's Tavern P.W.D.	St. Andrew	6.36	...
Quebec	St. Mary	...	3.48
Richmond P. W. D.	...	..	...
Highgate	...	6.85	...
Free Hill P. W. D.	...	...	...
Gayle	...	7.65	6.05
Lucky Hill P. W. D.	...	5.49	...
Rio Hoe	St. Ann	5.52	6.61
Unity Valley	...	5.99	7.27
Moneague P. W. D.	...	5.53	...
Claremont	...	9.24	...
Pedro P. W. D.	...	...	...
Albion	...	5.37	6.84
Averham Park	...	8.31	4.57
Ballintoy	...	9.42	...
	Means	8.27	7.93

NORTHERN DIVISION.

		September 1892. In.	September Average. In.
Port Maria P. W. D.	St. Mary	3.87	3.68
Drax Hall	St. Ann	2.48	4.25
St. Ann's Bay P. W. D.	...	2.88	...
Seville	...	...	3.88
Richmond Estate	...	5.54	4.33
Llandovery	...	...	4.21
Southfield	...	4.68	...

NORTHERN DIVISION, *contd.*

		September 1892. In	September Average. In.
Brown's Town P. W. D.	St. Ann	6.65	...
Home Castle	...	5.12	4.86
Richmond Pen	...	5.30	6.28
Mahogany Hall	Trelawny	...	5.95
Braco	...	5.55	3.76
Arcadia	...	5.90	4.38
Harmony Hall	...	5.08	3.81
Lancaster	...	6.77	4.20
Vale Royal	...	7.51	4.66
Colchis Pen	...	2.29	4.73
Hyde	...	8.96	6.38
Georgia	...	...	3.93
Steelfield	...	5.20	4.34
Oxford	...	5.50	4.04
Cambridge	...	8.03	4.22
Dry Valley	...	5.67	...
Lottery	...	5.75	4.55
Falmouth	...	6.00	3.39
Falmouth P. W. D.	...	3.38	...
Holland Pen	...	4.87	3.47
Pembroke	...	...	4.53
Golden Grove	...	13.20	6.19
Tilston	...	11.05	5.77
Weston Favel	...		8.12
Green Park	...	6.95	4.30
Orange Valley	...	6.00	3.78
Kent	...	5.69	4.70
Dundee	...	9.72	4.80
Phœnix	...	13.71	7.23
Gale's Valley	...	9.23	6.75
Greenwood	St. James	6.83	4.59
Canaan	...	10.69	...
Bellfield	...	...	...
Guilsbro'	...	8.40	7.52
Tryall	...	7.34	...
Leogan	...	5.93	5.73
Cinnamon Hill	...	6.40	4.09
Rose Hall	..	6.72	5.06
Running Gut	...	5.55	4.22
Ironshore	...	7.84	4.65
Friendship	...	10.05	...
Providence	...	...	5.43
Montego Bay P. W. D.	...	13.10	...
Catherine Hall	...	14.80	6.89
Catherine Mount	...	12.62	6.05
Fairfield	...	10.20	6.62
Anchovy	...	11.37	8.52
Eden	...	7.26	6.39
Wiltshire	...	...	8.19
Round Hill	Hanover	5.60	5.54
Flint River	...	6.34	...
Tryall	...	7.96	6.76
Sandy Bay P. W. D.	...	8.15	...
Kew	...	...	8.16
Lucea P. W. D.	...	5.24	...

Northern Division, *contd.*

		September. 1892.	September. Average.
		In.	In.
Haughton Court	Hanover	...	6.53
Orange Cove	...	4.72	7.01
Central Sub-Division—			
Headworks, R. C. C.	St. Catherine	7.14	6.39
Linstead P. W. D.	...	11.96	7.99
Ewarton	...	...	...
Chapelton P. W. D.	Clarendon	5.63	7.65
Cave Valley	St. Ann	8.27	7.68
	Means	7.34	5.38

West Central Division.

		September. 1892.	September. Average.
		In.	In.
Farm Plantation	Manchester	12.04	8.83
Brokenhurst Plantation	...	...	10.40
Christiana P. W. D.	...	7.90	...
Mandeville P. W. D.	...	10.18	10.07
Ulster Spring P. W. D.	Trelawny	4.55	...
Balaclava P. W. D.	St. Elizabeth	...	...
Appleton	...	13.11	10.92
Troy	Trelawny	14.62	...
Windsor Pen	...	8.35	10.18
Spring Vale	St. James	9.19	10.49
Maroon Town	...	...	12.13
Kempshot	...	12.45	9.23
Kepp	St. Elizabeth	14.03	11.44
Windsor Forest	Westmoreland	...	11.41
Kew Park	...	14.72	10.90
Woodstock	...	...	10.78
Struie	...	...	10.01
Chester Castle	Hanover	13.53	9.43
Darliston P. W. D.	Westmoreland	14.30	...
Haughton Grove	Hanover	...	9.91
Copse	...	10.52	9.75
Cacoon Castle	...	11.73	9.52
Golden Grove	...	14.10	13.44
Three Mile River	Westmoreland	...	...
George's Plain Estate	...	...	...
Fontabelle	...	8.98	10.83
King's Valley	...	...	13.90
Abingdon	Hanover	10.25	9.79
	Means	11.66	10.34

Southern Division.

		September. 1892.	September. Average.
		In.	In.
Morant Point L. H.	St. Thomas	12.12	8.49
Morant Bay P. W. D.	...	8.84	...
Abbey	...	4.35	8.34
Bull Bay P. W. D.	St. Andrew	1.93	...
Gordon Town	...	15.44	...
Hope Gardens	...	...	6.54
Cherry Garden	...	...	6.58
King's House	...	...	4.52
Shortwood	...	...	
Constant Spring	...	...	...
Monaltrie	...	6.53	5.69
Halfway-Tree P.W.D.	...	3.19	...
Camperdown	...	8.35	...
Public Works Office, Kingston		3.15	4.31
Plumb Point L. H.	...	3.04	3.92

Southern Division, *contd.*

		September. 1892.	September. Average.
		In.	In.
Spanish Town P.W.D.	St. Catherine	3.52	5.21
Windsor Park	...	4.59	5.97
Hog Hole Pen	...	6.70	6.55
Old Harbour P. W. D.	...	4.52	6.47
May Pen P. W. D.	Clarendon	5.72	...
Manningsfield P. W. D.	...	4.61	...
Stone's Hope	Manchester	11.67	9.06
Alligator Pond P.W.D.	...	3.90	...
Potsdam	St. Elizabeth	6.64	7.45
Long Hill		5.73	9.47
Pepper	...	5.90	7.99
Torrington P. W. D.	...	6.78	...
Santa Cruz P. W. D.	...	4.47	...
Santa Cruz Poorhouse	...	7.34	11.06
Black River P. W. D.	...	6.19	5.27
Grand Vale	Westmoreland	11.33	...
Peter's Ville	...	...	...
Mount Edgecombe	...	8.87	7.98
Sweet River		...	7.80
Windsor (Sav.-la-Mar)	...	7.90	6.96
Sav.-la-Mar P. W. D.	...	6.37	...
Retreat	...	9.50	...
	Means	6.40	7.07

Comparative Table of Rainfall.

(Based upon the "Average" Stations only.)

	September. 1892.	September. Average.
	In.	In.
North Eastern Division	8.27	7.93
Northern "	7.34	5.38
West Central "	12.04	8.83
Southern "	6.40	7.07
The Island	8.51	7.30

The Island rainfall was thus above the average in September, a small deficiency in the Southern Division being more than counterbalanced by excesses in the other three divisions.

The greatest fall, viz.: 15.44 inches, was recorded at Gordon Town, and the smallest, 1.93 inches, at Bull Bay.

Below will be found a statement of the Rainfall recorded during this year compared with the average fall during the months in question.

	Rainfall recorded in 1892.	Average Rainfall.
January	3.70	4.14
February	1.15	2.53
March	2.22	3.06
April	2.73	4.79
May	8.38	9.61
June	7.04	8.47
July	4.30	5.27
August	7.73	7.89
September	8.51	7.30
Total	45.76	53.00

From Running Gut it is reported that the early part of the month was very dry indeed, and that 4.50 inches fell during the last five days of the month, (the total fall being 5.55).

Dr. Manners reports earthquakes at 5.30 a.m., and 6.45 p.m. on the 29th at the Abbey, and a light shock of earthquake is reported to have been felt at 5.50 p.m., on the 29th in Kingston, but not by many people apparently.

ACCIDENTS CAUSED BY LIGHTNING.

Unfortunately there is another fatal accident from lightning to be reported this month. The Jamaica Post has the following account of it under the heading "Killed by Lightning."

"On the 29th ulto., (Sept.) the Grateful Hill community was greatly alarmed by the sudden death of a young girl named Princes Isadora Service. The unfortunate girl, who was quite well, had just left the house of her father, and taken a seat at the root of a large mango tree, a few yards from the door, where she always sat during the heat of the day, with her needle work. On this occasion, it was cloudy, with lightning flashing in all directions, and the thunder rolling toward the north. Suddenly, a flash was seen and the current attracted, no doubt by the tall tree, came down, and without doing the slightest injury to the tree, struck pieces of lumber leaning against it, tearing away some portion of splinters. The unfortunate girl had not the opportunity to breathe a sigh or utter a groan. A minute after the flash, she was sought for in the house, and was found at the root of the tree, in the same reclining position in which she sat to work."

The Nineteenth Century of Montego Bay reports that during a thunderstorm on the 25th September, the house of Mr. James Nash, at Carthagena, was struck by lightning, which wrecked the whole of one end of the house, shivered the rafters, tore away windows doors and facings and destroyed everything in its course, a circular piece being taken out of a washstand basin without any further injury to it. A lady at the other end of the house fortunately received no injury.

ROBT. JOHNSTONE.

Kingston, 17th October, 1892.