



JAMAICA.

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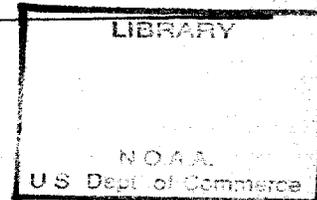
WEATHER REPORT

FOR THE MONTH OF

SEPTEMBER, 1890.

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JAMAICA:
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1890.

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METEOROLOGICAL RESULTS FOR SEPTEMBER, 1890.

STATION.	ELEVATION.	MEANS FOR THE MONTH.									
		Pressure.		Temperature		Dew-point.		Vapour.		Humidity.	
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.
Kingston	ft. 60	in. 29.986	in. 29.929	° 75.8	° 84.0	° 69.2	° 72.6	° 0.713	° 0.801	80	69
King's House	400	...	...	...	...	...	...	...	...	...	...
Castleton Gardens	580	...	...	...	...	...	...	...	...	...	...
Cinchona Plantation	4,907	...	...	...	...	...	...	...	...	...	...

STATION.	MEANS FOR THE MONTH.					EXTREMES FOR THE MONTH.					TOTAL RAINFALL.
	Temperature.			Wind.		Temperature.					
	Max.	Min.	Range.	From.	Miles daily.	Max.	Date.	Min.	Date.	Range.	
Kingston	° 89.0	° 72.4	° 16.6	S.E.	54.1	° 91.3	27th*	° 70.6	13th	° 20.7	inch. 3.04
King's House	...	...	...	...	...	...	...	...	...	...	...
Castleton Gardens	...	...	...	...	...	...	...	...	...	...	...
Cinchona Plantation	...	...	...	...	...	...	...	...	...	...	...

* and on the 30th.

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 the Sea-level. The Thermometers are similarly exposed at all the above Stations; their readings have all been corrected.

BLUE MOUNTAIN PEAK.

DAY.	HOUR.	TEMPERATURE.		Temp.	Rain.	Remarks.	Observer's Initials.
		Max.	Min.				
1890.		°	°	°	in.		
January 4th	2.15 p.m.	66	39	50.5	52.10	Misty, breeze N.E.	A. T.
February 2nd	3 p.m.	66	40	54	19.80	Fine and bright, calm.	B. S. G.
March 1st	3.15 p.m.	64	39	57	16.90	Fine, warm and calm.	B. S. G.
March 29th	3.45 p.m.	71	49.5	54	18.92	Fine, clear, light breeze.	B. S. G.
May 3rd	2.30 p.m.	67	38	56	19.40	Bright sun, clear	B. S. G.
May 31st	1.45 p.m.	66.5	45	60	4.10	Heavy rain, light wind.	B. S. G.
June 24th	3.00 p.m.	63.0	45.5	56	2.90	Cloudy on all sides but warm.	B. S. G.
July 17th	12 Noon	62	43	55	5.00	Cloudy and little rain.	W. F.
August 2nd	2.45 p.m.	65	45	54	1.68	Fine, light breeze.	B. S. G.

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 a few years past:—

	SEPTEMBER.	
	1890.	Average.
Infantile diseases not otherwise specified	13	11
Lung diseases	15	13
Fever	8	5
Dysentery and Diarrhoea	4	2
Various	51	39
Total	91	70

RAINFALL FOR SEPTEMBER, 1890.

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 October, 1883, as Nos. 31 and 33 of the present series of Reports, and to an unpublished Supplementary Table of the average Rainfall at certain places where gauges have been registered for at least five years. 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.	
		1890. | Average.	
		In.	In.
Morant Point L. H.	St. Thomas	5.09	7.64
Hordley	...	7.75	12.78
Boston	...	...	...
Cinchona Plantation	St. Andrew	...	13.21
New Haven Gap	...	...	...
Stony Hill Reformatory	...	8.14	10.26
Castleton Gardens	St. Mary	...	11.22
Dover	...	...	...
Quebec	...	...	...
Richmond	...	3.11	...
Port Maria	...	1.07	...
Gayle	...	...	...
Rio Hoe	St. Ann	2.78	6.51
Unity Valley	...	7.25	7.62
Moneague	...	5.85	...
Albion	...	5.31	6.36
Averham Park	...	2.43	...
Bradfield	...	2.44	6.19
Drax Hall	...	0.54	4.21
Seville	...	1.29	4.22
Llandovery	...	0.90	4.70
Richmond Estate	...	1.26	5.69
Means		3.89	6.93

NORTHERN DIVISION.		SEPTEMBER.	
		1890. | Average.	
		In.	In.
Home Castle	St. Ann	4.11	...
Richmond Pen	...	5.45	...
Colchis Pen	Trelawny	...	...
Mahogany Hall	...	5.67	...
Braco	...	1.60	4.55
Arcadia	...	3.25	...
Harmony Hall	...	1.32	4.61
Lancaster	...	1.86	4.80
Vale Royal	...	3.67	4.98
Hyde	...	8.17	7.03
Georgia	...	...	4.08
Steelfield	...	3.05	4.51
Oxford	...	3.55	...
Cambridge	...	3.00	4.56
Dry Valley	...	2.95	...
Lottery	...	2.21	4.77
Falmouth	...	...	...
Holland Pen	...	1.85	3.29
Golden Grove	...	3.45	6.90
Pembroke	...	...	5.72
Green Park	...	1.95	...
Phoenix	...	6.06	...
Tilston	...	3.60	4.26
Orange Valley	...	0.80	2.73
Kent	...	0.52	4.49
Dundee	...	1.54	3.98
Weston Favel	...	4.82	...
Gale's Valley	...	2.60	5.73
Greenwood	St. James	1.94	...
Bellfield	...	...	...
Guildsbro'	...	3.45	...
Spring Vale	...	...	9.72
Cinnamon Hall	...	2.20	...
Rose Hall	...	1.70	...
Running Gut	...	1.22	3.66
Leogan	...	...	...

NORTHERN DIVISION, contd.		SEPTEMBER.	
		1890. | Average.	
		In.	In.
Ironshore	St. James.	3.89	4.75
Providence	...	...	...
Montego Bay (Market)	...	...	...
Catherine Hall	...	1.67	7.77
Catherine Mount	...	5.20	6.10
Fairfield	...	6.42	...
Means		2.70	4.92

WEST CENTRAL DIVISION.		SEPTEMBER.	
		1890. | Average.	
		In.	In.
Linstead	St. Catherine	7.90	...
Cave Valley	St. Ann	5.22	7.96
Appleton	St. Elizabeth	11.67	11.55
Windsor Pen	Trelawny	11.56	...
Maroon Town	St. James	13.59	...
Kepp	St. Elizabeth	14.09	11.91
Mount Edgecombe	Westmoreland	9.10	9.48
Windsor Forest	...	...	...
Woodstock	...	19.79	...
Struie	...	16.60	...
Kew Park	...	19.03	...
Chester Castle	Hanover	11.59	...
Copse	...	10.30	10.79
Kempshot	St. James	11.28	...
Anchovy	...	5.64	7.79
Wiltshire	...	5.37	8.65
Eden	...	3.84	...
Round Hill	Hanover	1.20	5.87
Cacoon Castle	...	5.07	9.32
Golden Grove	...	...	...
Flint River	...	1.75	...
Tryall	...	2.12	4.67
Sweet River	Westmoreland	...	...
Windsor (Sav.-la-Mar)	...	...	6.93
Kew	Hanover	...	...
Three Mile River	Westmoreland	10.00	...
George's Plain Estate	...	11.07	...
Fontabelle	...	...	...
Belle Isle	...	14.15	...
King's Valley	...	9.85	...
Orange Cove	Hanover	4.97	8.19
Abingdon	...	12.20	...
Means		6.80	8.64

SOUTHERN DIVISION.		SEPTEMBER.	
		1890. | Average.	
		In.	In.
Albion Hospital	St. Thomas	...	...
The Abbey	...	2.70	...
Halberstadt	St. Andrew	...	...
Woodford	...	14.02	...
Hope Plantation	St. Andrew	6.87	...
Hope Reservoirs	...	...	...
Cherry Garden	...	10.64	...
Constant Spring	...	...	...
Shortwood	...	7.10	...
Camperdown	St. Andrew.	5.89	...
King's House	...	...	...
Monaltrie	...	4.53	7.20
Public Works Office,	Kingston	2.50	5.03
Plumb Point L. H.	...	3.51	4.30
Spanish Town	St. Catherine	1.57	...
Windsor Park	...	0.75	...
Hog Hole Pen	...	3.31	...

SOUTHERN DIVISION, *contd.*

		SEPTEMBER.	
		1890. | Average.	
		In.	In.
Headworks, R. C. C.	...	4.30	...
Old Harbour	...	4.36	...
Farm Plantation	Manchester	4.35	7.65
Stone's Hope	...	5.52	...
Brokenhurst Pen	...	5.27	...
Pepper	St. Elizabeth	9.01	...
Long Hill	...	7.41	9.20
Potsdam	...	1.36	...
Gilnock Hall	...	...	...
Santa Cruz Poor-house	...	...	...
Black River	...	...	5.07
Means		4.46	6.68

At the Plumb Point Light House the upper gauge is 68 feet above the lower; these gauges registered 3.02 and 3.51 inches respectively.

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

		SEPTEMBER.	
		1890. | Average	
		In.	In.
North Eastern Division		3.89	6.93
Northern	"	2.70	4.92
West Central Division		6.90	8.64
Southern	"	4.46	6.68
The Island		4.46	6.79

The largest fall, viz., 19.79 inches was recorded at Woodstock, in the Parish of Westmorland, and the smallest, 0.52 inches at Kent, in the Parish of Tre-lawny.

The rainfall for the month was somewhat deficient in each Division in the Island.

The weather, otherwise, remained undisturbed.

Dr. Manners reports from the Abbey that a shock of Earthquake was felt at 12.55 a.m. on the 13th. and another at 3.45 p.m. on the 19th. September, both shocks rather severe.

J. F. BRENNAN.

Kingston, 20th October. 1890.