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1943

JAMAICA

WEATHER REPORT

FOR THE MONTH OF
JANUARY, 1943.

The barometric pressures at all the Stations, except the Hill Gardens, are reduced to the standards of Kew 32", gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first two standards only. Thermometers are exposed in Stevensons Screen; their readings have been corrected for instrumental errors.
The miles of Wind per diem are measured by Robinson's Anemometers, the factor 3 being assumed correct for the four cup instruments used and for the small velocities measured.
The amount of Cloud is given in tenths of the whole sky; the Lower (L) clouds are for the most part fracto-stratus; the Middle (M) cloud cumulus and the Upper (U) clouds, cirrus and cirro-stratus.
The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.
The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS.

STATIONS.	Elevation.	Bar. Pressure.		Temperature. (F.)					Extreme Temperature. (F.)				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range.	Max.	Date.	Min.	Date.	Range.
	ft.	ins.	ins.	°	°	°	°	°	°	°	°	°	°
Morant Point Light House	8	29.996	29.959	77.9	81.5	82.9	75.0	7.9	84.5	31	66.5	26	18.0
Kingston	24	29.999	29.940	69.8	85.1	87.8	68.9	18.9	92.5	19	64.7	25	27.8
Upper Kingston	110	29.989	29.936	69.0	85.3	87.7	68.1	19.6	91.3	19	63.1	25	28.2
Negril Point Light House	33	29.990	29.937	70.0	83.7	85.7	67.9	17.8	88.8	16	62.4	24	26.4
Montego Bay	33	...	...	68.9	84.3	87.3	66.1	21.2	90.0	14*	63.0	24*	27.0
Castleton Gardens	496	...	...	64.2	77.8	83.3	63.2	20.1	86.0	14*	55.5	25	30.5
Hope Gardens	668	30.011	29.925	...	...	86.0	66.8	19.2	90.0	31	61.0	25*	29.0
Hill Gardens, Blue Mountains	4,900	25.311	25.262	58.9	64.2	68.8	54.5	14.3	75.0	31	50.3	24*	24.7

STATIONS.	Elevation.	Dewpoint and Rel. Humidity.				Rainfall.	Wind per diem.	Wind: direction from and miles per hour.				Amount of Cloud. Lower, Middle and Upper.					
		7 a.m.		3 p.m.				7 a.m.	3 p.m.	7 a.m.		3 p.m.		7 a.m.		3 p.m.	
	ft.	°	%	°	%	ins.	Mls.	Dir.	m.p.h.	Dir.	m.p.h.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	74	87	75	82	2.71	318	NE	15.0	NE	12.0	0.3	2.4	0.0	2.1	3.6	0.3
Kingston	24	64	82	63	70	0.01	156	N	5.0	SE	11.8	2.0	0.6	0.1	1.1	3.6	0.1
Upper Kingston	110	63	82	60	60	0.03	...	N	5.2	SE	8.9	1.6	0.7	0.4	1.4	3.7	0.0
Negril Point Light House	33	66	87	70	63	2.09	122	ENE	3.8	NNW	7.5	0.5	0.4	0.9	0.9	3.3	1.4
Montego Bay	33	67	93	75	74	...	...	SE	...	ENE	...	...	...	...	...	...	...
Castleton Gardens	496	62	94	73	87	3.92	...	...	...	...	...	...	...	...	...	...	...
Hope Gardens	668	...	...	...	...	0.25	...	...	...	...	...	...	...	...	...	...	...
Hill Gardens, Blue Mtns.	4,900	51	68	56	78	1.91	...	...	...	...	...	...	...	...	...	...	...

NOTES.

- (1) Kingston—As from 1st January, 1943, Temperatures are taken from Thermometers located at Winchester Park.
- (2) Hope Gardens—Observations are taken at 9 a.m. and 3 p.m.
- (3) Montego Bay—Observations are taken at 8 a.m. and 3 p.m.

* And on other days.

National Oceanic and Atmospheric Administration

Climate Database Modernization Program

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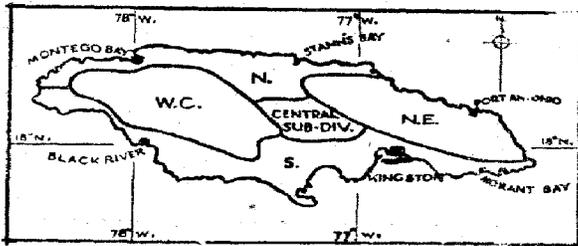
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March 28, 2002

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last columns contain the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1939". In obtaining the mean rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last columns that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

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

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica", following page 27, 1911 Edition, and of page 33 of 1934 Edition, an outline of which is given below.



January, 1943.

STATIONS.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
NORTH-EASTERN DIVISION (N.E.)	Ins.	Ins.			Ins.
Manchioneal	2.21	0.62	17	8	5.58
Ecclesdown	5.55	0.92	17	16	
Priestman's River	2.18	1.35	26	8	5.43
Bath	2.76	0.72	28	18	6.15
Barrett's Gap	5.50	0.67	7	20	
Millbank					19.14
Bowden Pen	10.05	1.79	15	28	
Moore Town	10.20	2.10	28	15	16.83
Port Antonio	3.04	0.90	17	11	8.63
Passley Garden	3.48	0.15	29	16	6.74
Fellowship	6.69	1.29	19	16	12.16
Johnson River Br.	1.40	1.00	28	2	3.24
Trinity Ville	1.60	1.15	28	4	2.57
Fruitful Vale	6.41	1.70	19	11	
Shrewsbury	8.48	2.45	19	11	15.95
Hope Bay	5.56	1.10	8	9	8.30
Cedar Valley	0.65	0.45	20	3	3.64
Swift River	7.28	1.76	19	18	
Lennox	28.71	7.10	14	18	9.22
Greenvale	4.67	1.50	19	13	18.58
Darley	5.03	1.23	19	19	
Spring Garden					8.11
Hill Gardens	1.91	0.67	19	12	6.78
Buff Bay	5.46	1.50	19	9	8.97
Buff Bay R. Est.	5.94	1.15	19	11	
Belvedere, Portland	5.15	2.05	8	8	10.62
Windsor Castle, do.	4.51	1.04	19	15	6.95
Balcarres	6.18	1.48	12	10	13.58
Mt. Holstein	2.43	0.66	19	11	14.65
Cedar Hurst	1.72	0.54	19	12	7.30

January, 1943.

STATIONS.	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Ins.
		Amount.	Date.		
NORTH-EASTERN DIVISION, contd.	Ins.	Ins.			Ins.
Hardware Gap	1.28	0.39	9	9	5.58
Mt. Pleasant	6.00	1.50	18	10	
Rose Hill	1.37	0.50	27	10	3.60
Mount Cressy	3.26	0.55	28	15	
Hermitage	1.24	0.69	27	7	1.94
Mount Airy	4.47	1.32	28	9	
Stony Hill	0.33	0.13	27	5	2.78
Golden Spring	0.10	0.08	14	2	
Brandon Hill	4.49	1.50	25	4	
Enfield	4.92	1.30	19	9	13.20
Agualta Vale	2.32	0.45	12	10	6.94
Castleton Gardens	3.92	1.81	27	7	9.30
Water Valley	2.27	0.50	28	7	7.51
Albany	1.56	0.39	28	10	5.13
Platfield					
Lawrence Tavern	1.70	1.58	28	4	2.60
Wey Hill	2.32	1.00	27	6	
Richmond, St. Mary	1.65	0.46	31	6	7.00
Quebec, St. Mary	2.70	0.48	19	8	6.38
Above Rocks	0.39	0.24	26	2	
Glengoffe	1.90	1.80	28	2	
Carew Castle	1.38	0.85	28	4	2.49
Hampstead, St. Mary	2.95	0.70	31	7	9.41
Windsor Castle do.	4.05	1.10	26	7	8.21
Troja	2.29	1.00	28	6	5.01
Pear Tree Grove	2.51	1.11	28	4	4.96
Guy's Hill	1.07	0.26	28	9	6.28
Lucky Hill	3.45	0.81	9	17	7.17
Rio Hoe	1.31	0.40	9	6	5.72
Unity Valley	0.90	0.15	20	10	4.95
Moncague	0.74	0.15	5	9	4.79
Claremont	2.34	1.10	19	6	5.80
Averham Park	2.28	0.48	4	13	6.93
Albion	1.44	0.34	31	7	5.33
NORTHERN DIVISION (N)					
Port Maria	2.23	0.55	9	11	5.91
Wentworth					
Jacks River	4.07	1.20	9	10	
Oracabessa	4.29	2.39	9	9	6.50
Retreat	3.06	0.62	31	13	
Huddersfield	4.77	1.25	5	5	4.86
Exchange	3.51	1.40	31	4	
Ocho Rios	2.60	0.61	4	7	4.78
Rockfield	2.29	0.40	19	20	7.63
Liberty Hill	2.47	0.80	4	11	6.10
St. Ann's Bay	2.71	0.54	6	14	5.15
Richmond Estate	1.98	0.52	6	12	5.44
Runaway Bay	1.30	0.79	6	5	2.66
Thatchfield	2.73	1.05	4	6	
Knapdale	1.92	1.08	4	8	7.55
Alexandria	0.60	0.34	30	2	2.65
Bel-Air	0.90	0.40	21	4	4.68
Brown's Town	2.00	1.23	4	7	5.95
Wilton	0.57	0.22	9	7	
Watt Town, St. Ann	2.47	0.59	7	6	2.53
Home Castle	0.00	0.00			5.74
Stewart Town	0.00	0.00			
Arcadia	0.48	0.21	28	3	4.65
Vale Royal	0.41	0.15	9	6	4.85
Harmony Hall					3.80
Duncans	0.38	0.10	21	6	2.64
Clark's Town	0.24	0.15	5	2	3.18
Gibraltar	0.15	0.15	28	1	
Falmouth	0.23	0.23	28	1	3.13

STATIONS.	January, 1943.					STATIONS.	January, 1943.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.		Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.					Amount.	Date.		
NORTHERN DIVISION, <i>contd.</i>	Ins.	Ins.			Ins.	WEST-CENTRAL <i>DIVISION, contd.</i>	Ins.	Ins.			Ins.
Maroon Town	0.57	0.20	5	5		Wait-a-bit	1.30	1.20	29	3	
Adelphi	0.64	0.32	4	3	H	Christiana	1.78	0.34	29	8	2.31
Windsor Lodge	0.38	0.25	28	4	C	Holmwood	1.79	1.20	9	4	
Latium	0.34	0.20	5	3	2.08	Clifton Hill	3.52	1.47	29	5	2.93
Barrett Hall	0.26	0.26	5	1		Kendal, Manchester	2.46	0.80	30	7	2.27
Success	0.50	0.18	22	3	3.15	Mereworth	2.77	0.94	24	9	3.76
Cornwall	0.47	0.20	22	4	3.17	Mandeville	1.80	0.54	29	4	3.08
Rose Hall	0.85	0.25	22	4	2.03	Ulster Spring	1.31	0.65	5	6	3.26
Cinnamon Hill	0.60	0.24	22	3	3.24	Greenvale	3.58	1.83	9	8	1.89
Tryall	0.60	0.20	22	4	3.83	Albert Town	0.96	0.96	17	1	2.79
Running Gut	1.51	1.25	28	5	3.12	Craig Head	1.09	0.77	29	2	
Spring Estate	1.27	1.10	28	3	3.98	Warsop	1.42	0.75	16	5	2.24
Friendship	1.21	1.16	28	2	2.98	Troy	1.12	0.79	15	2	2.00
Irwin	1.72	1.52	28	4	2.65	Wallingford	0.37	0.10	17	5	1.79
Retirement	2.67	2.18	28	5	2.45	Balaclava	0.15	0.06	29	4	1.82
Montego Bay	1.02	0.25	28	6	A	Braes River	0.80	0.80	9	1	
Anehovy	2.79	2.04	29	6	2.69	Wakefield	0.25	0.25	20	1	2.12
Hopewell	2.76	0.80	28	9		Appleton	1.58	1.15	29	3	2.56
Blue Hole	0.56	0.24	11	8	3.06	Aberdeen	1.06	0.30	15	6	
Cascade	2.87	1.12	29	5	2.54	Accompong	3.22	1.27	29	4	
Luca	1.73	0.54	29	11	2.30	Maggotty	0.87	0.50	29	4	2.73
Houghton Court	2.44	1.05	26	6	I	Lacovia	1.03	0.52	9	3	1.97
Kendal—Hanover	2.18	0.85	28	4		Mulgrave	4.35	1.76	28	7	
Cousins Cove	2.24	1.15	26	6	2.41	Holland	2.76	1.00	30	6	
Blenheim	2.17	0.84	29	8	2.10	Ipswich	2.43	0.75	29	8	
CENTRAL SUB- DIVISION.						Ginger Hill	1.80	1.00	29	3	
Knollis	1.08	0.50	29	3	1.54	Kempshot	1.04	0.90	28	3	3.51
Highgate (St. Cath.)	1.07	0.54	29	7	2.60	Maldon					
Rio Magno	0.85	0.40	28	3	5.03	Garlands*	2.72	1.20	30	6	
Riversdale	1.33	1.18	28	2	2.28	Mocho, St. James					2.88
Headworks, R.C.C.	1.67	0.90	30	6	1.66 S	Catadupa	3.65	0.98	29	8	2.11
Bog Walk	1.89	0.78	29	7	2.19 P	Cambridge	2.15	1.32	28	5	2.08
Linstead	0.62	0.32	29	3	2.23	New Market	5.09	1.93	31	7	2.71
Ewarton	0.00	0.00				Springfield	3.56	1.41	31	6	
Greenock	0.15	0.10	22	2		Seaford Town	1.53	0.73	29	5	
Cave Valley	0.42	0.20	20	3	2.11	Petersville	4.53	1.19	7	8	
Guanaboa Vale	0.81	0.41	12	2	2.27	Kew Park	3.64	1.80	29	5	2.22
Point Hill	6.38	2.46	29	5	3.33	The Bog	2.95	0.72	31	9	2.92
Brown's Hall	3.93	1.20	9	4	2.25 M	Exeter	5.00	1.62	29	10	
Bellas Gate	1.88	0.54	29	5	1.60 K	Bethel Town Dist.	4.01	1.93	29	5	2.95
Rock River	0.31	0.31	29	1	1.48	Copse					2.53
Crofts Hill	0.48	0.15	4	5	2.11	Burnt Ground	3.71	1.44	28	5	2.40
Kelbitts	0.65	0.31	18	4		Houghton Grove	5.77	1.76	29	6	2.84
Suttons					1.93	Knockalva					
Colonel's Ridge	0.69	0.31	18	8		Darliston	5.19	2.50	29	5	3.09
Chapelton	1.18	0.67	16	8	1.97	Whithorn	1.64	0.90	30	4	2.65
Crooked River	0.65	0.24	13	5	1.70	Water Works Pan	2.48	0.65	28	7	2.47
James Hill						Williamsfield, Wld.	4.73	2.40	29	5	
Frankfield	0.93	0.42	29	4	1.92 M	Petersfield	3.18	1.72	29	7	
WEST-CENTRAL DIVISION (W.C.)						Baulk	3.34	1.84	29	7	
Mocho, Clarendon	0.00	0.00			2.19	Askenish	3.98	1.08	29	8	2.90
Thompson Town	3.96	2.56	29	6		Grange Hill	2.06	1.36	29	8	2.65
Porus	2.08	0.74	20	4		Mount Eagle					
Borobridge	0.29	0.29	30	1		King's Vale	1.20	0.50	29	4	2.74
Spaldings	1.92	1.27	9	4	2.71	SOUTHERN DIVISION, (S).					
Williamsfield	2.01	0.48	29	8	2.70	Morant Point L. H.	2.71	0.42	7	16	4.05
Brokenhurst	1.96	0.56	24	6	3.08	Golden Grove	2.63	0.35	4	12	
Shooter's Hill	2.85	0.75	29	9	2.22	Pleasant Hill	3.68	0.53	17	17	4.73
						East Prospect	2.36	0.36	29	12	3.92
						Morant Bay	0.79	0.27	28	6	2.82
						Lloyds	0.63	0.17	29	8	
						Yallahs	0.25	0.25	19	1	1.44
						Fasington	0.43	0.43	28	1	1.60

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		Amount.	Date.					Amount.	Date.		
SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.	SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.
Mavis Bank	0.37	0.20	19	3	2.05	Cottage	0.89	0.50	7	5	1.27
Harbour Head	0.00	0.00			0.66	Pennants	1.40	0.30	29	3	
Dallas Castle	0.11	0.05	23	4	1.15	Belle Plain	0.65	0.50	17	7	2.21
Gordon Town	0.00	0.00			2.90	Milk River	1.10	0.45	24	4	1.73
Irish Town	0.60	0.60	7	1	2.13	Retrieve	0.20	0.20	7	1	1.51
Hope Gardens	0.25	0.12	31	4	1.70	Stone's Hope	1.23	0.31	30	7	2.48
Bamboo Pen	0.23	0.20	29	2		Newport, Man.	1.15	0.40	9	5	2.71
Plumb Point L.H.	0.00	0.00			0.74	Alligator Pond					1.39
King's House Gar.	0.49	0.40	9	2	1.30	Myersville	0.53	0.40	10	2	
Up-Park Camp	0.04	0.02	28	2		Goshen	0.76	0.46	4	2	
Cavaliers	0.04	0.04	19	1		Bull Savannah	0.59	0.38	9	3	
St. George's College	0.02	0.02	19	1		Munro	1.08	0.26	20	11	2.23
Upper Kingston	0.03	0.03	19	1	0.66	Windsor, St. Eliz.	2.21	1.02	9	8	2.93
Parade Garden	0.02	0.02	20	1		Torrington	0.60	0.35	10	2	2.44
Kingston P.W.O.	0.01	0.01	18	1	0.75	Santa Cruz	1.18	0.42	9	5	2.48
Shortwood College	0.28	0.28	9	1		Hounslow	0.70	0.38	13	2	
Constant Spring	0.15	0.07	29	3		Pedro Plains	0.64	0.64	31	1	1.64
Halfway Tree	1.03	1.03	9	1	0.95	Mountainside	3.00	2.10	9	4	1.63
Clifton Pen	0.06	0.03	9	2	0.70	Fort Charles	0.30	0.30	28	1	1.47
Twickenham Pen	0.67	0.67	9	1		Black River	0.69	0.34	9	4	1.69
Red Hills	0.00	0.00			1.84	Mt. Charles	4.63	1.52	30	8	
Quarantine Station	0.10	0.05	14	2	0.63	Mount Edgecombe	3.26	1.00	7	10	2.18
Hematine	0.74	0.44	9	3	1.04	Bluefields	3.52	0.80	30	11	2.92
Spanish Town	0.40	0.21	9	4	1.27	Sav.-la-Mar	1.49	0.72	30	7	1.72
Hog Hole, St. Cath.	0.51	0.48	7	2	1.50	Little London	6.08	3.60	29	9	1.94
Old Harbour	1.22	0.67	7	2	1.96	Retreat	4.40	2.13	29	9	1.89
May Pen	0.14	0.13	7	2	1.45	Sheffield					
Glen Muir	0.00	0.00			1.70	Negril Point L.H.	2.09	1.20	29	7	1.78

NOTES.

COMPARATIVE TABLE OF RAINFALL AND DAYS ON WHICH RAIN FELL.

DIVISIONAL AND ISLAND RAINFALL.	January.			
	Rainfall, inches.		Days on which Rain fell.	
	1943.	Ave.	1943.	Ave.
North-eastern	3.54	7.75	10	13
Northern	1.62	3.60	5	8
West-central	2.21	2.75	5	7
Southern	1.14	1.88	4	6
The Island means	2.13	4.00	6	8

SHOCKS OF EARTHQUAKE IN JANUARY, 1943,

Date.	Standard Time. (Approx.)	Intensity.	Notes, where, etc.
21.1.43	8.27 p.m.	I	Munro

N.B.—IT IS PARTICULARLY REQUESTED THAT ALL RAINFALL POST CARDS BE SENT IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE JAMAICA WEATHER SERVICE.

The Jamaica Weather Service was taken over by the Royal Naval Meteorological Service on the 1st January, 1943. Until 31st December, 1942, most of the Kingston observations were made by Mr. J. F. Brennan, then Government Meteorologist, from instruments situated in the grounds of his private residence at 148½ East Street, Kingston. Upon the retirement of Mr. Brennan, it was necessary to find another site for the instruments.

From the 1st January, 1943, the temperature observations for Kingston are being made from thermometers situated in the grounds of Winchester Park. This site has been provided through the courtesy of the Jesuit Fathers who are also making the observations. Observations other than those of temperature are being made from instruments situated in or on the roof of the Public Works Building, Kingston.

Mr. Brennan has kindly offered to continue his observations in his own grounds for comparison with those made at the new sites. Mr. Brennan's observations are given in "Meteorological Results" on page 1 of the Report under the title of "Upper Kingston".

Rainfall cards and requests for Meteorological information should continue to be addressed to the Kingston Office of the Jamaica Weather Service, Public Works Building, Kingston.

THE ISLAND.

The mean rainfall for the Island was 2.13 inches, or 1.87 inch below the 70-year average of 4.00 inches. The Divisional Means were also below their averages in all Divisions, the deficiency being most pronounced in the North-eastern and Northern Divisions.

The greatest fall for the month was 28.71 inches, at Lennox, in the North-eastern Division, and the heaviest fall in 24 hours was 7.10 inches, at the same station, on the 14th. No rainfall was recorded at 9 stations, viz.:—Home Castle, Stewart Town and Ewarton, in the Northern Division; Mocho (Clarendon), in the West-central Division, and Harbour Head, Gordon Town, Plumb Point Lighthouse, Red Hills and Glen Muir, in the Southern Division.

The mean number of rain days was 6, the average for the month being 8. Bowden Pen in the North-eastern Division had the greatest number, 28. As stated above, no rainfall was recorded at 9 stations.

The mean rainfall in each parish is given below. The 10-year average is included for comparison:—

Parish.	1943	10-year Average.	Parish.	1943	10-year Average.
	Inches.	Inches.		Inches.	Inches.
Kingston	0.02	0.55	St. James	1.13	1.93
St. Andrew	0.92	2.27	Hanover	2.53	2.38
St. Thomas	1.95	3.43	Westmoreland	3.43	2.46
Portland	6.41	10.76	St. Elizabeth	1.55	1.91
St. Mary	3.26	6.27	Manchester	2.03	2.24
St. Ann	1.58	4.25	Clarendon	0.90	1.60
Trelawny	0.63	2.40	St. Catherine	1.53	2.30

Portland, with 6.41 inches, was highest; Westmoreland, with 3.43 inches, was next; and St. Mary, with 3.26 inches was third. Kingston, with 0.02 inch, was the lowest.

CITY OF KINGSTON.

The total rainfall for the month of January was very deficient being only 0.01 inch, as against the 70-year average of 0.75 inch. The Upper Boundary of Kingston gauged 0.03 inch, with 1 rain day.

Distant rain was observed to the north on 1 occasion.

The mean barometric pressure was 29.979 inches, or 0.005 inch above the 33-year normal of 29.974 inches. Highest barometer reading was 30.082 inches, on the 23rd, at 7 a.m., and the lowest was 29.909 inches, on the 1st, at 7 a.m., corrected for diurnal variation.

Mean temperature for the month was 77.4°, or 1.6° above the normal of 75.8°. The highest maximum was 92.5°, on the 19th, and the lowest minimum was 64.7°, on the 25th, giving an extreme monthly range of 27.8°. On the other hand, the lowest maximum was 84.3°, on the 4th, and the highest minimum was 74.0°, on the 16th and 17th. The greatest range, 23.3°, was recorded on the 3rd, and the least range, 12.8°, was recorded on the 17th. The maximum temperature was 90° and above on 4 days, and the minimum was 70° and above on 10 days.

The mean daily miles of wind recorded was 156, or 4% below the 25-year normal of 163. The greatest number of miles of wind recorded in 24 hours was 243, on the 18th, and the least was 92, on the 6th. Greatest velocity of short duration was 30 miles per hour, on the 18th, at about 3.30 p.m. Southeast wind prevailed early on 1 occasion, and continued to 7 p.m. on 5 occasions.

The mean relative humidity was 75%, the 33-year normal being 78%. Mean 7 a.m. was 82%, and mean 3 p.m. 63%. Lowest 7 a.m. was 57%, on the 25th, and lowest 3 p.m. was 48% on the 19th.

Overcast conditions prevailed in the forenoon on 6 occasions and in the afternoon on 8.

Total evaporation for the month was 7.05 inches, the 10-year normal being 5.06 inches.

Mean daily number of sunshine hours 7.8.

NEGRIL POINT LIGHTHOUSE.

Table (A) giving the Meteorological results for the year 1942, for Negril Point Lighthouse, situated at the extreme western point of the Island, is appended on pages 6 and 7.

The extreme maximum temperature was 92.5°, on the 2nd of August, and the extreme minimum was 63.8°, on the 1st of February. The greatest range of temperature was 25.3°, in the months of April and May, and the least was 19.1°, in the month of October.

The greatest monthly rainfall was 12.15 inches, in May, the 35-year average being 6.25 inches.

The least rainfall was 0.14 inch, in the month of November, as against the 35-year average of 3.83 inches.

The total number of days with appreciable rainfall was 135 for the year. The total rainfall for the year was 58.58 inches, as against the 35-year normal of 54.09 inches.

The daily average wind recorded was 134 miles. The highest daily average was 165 in February, and the lowest was 107 in October.

The observations were conducted by Mr. Donald Levy, J.P., Superintendent of the Lighthouse.

(Sgd.) P. BRACELIN,
Instructor Commander, R.N.,
Government Meteorologist.

TABLE (A)—NEGRIL POINT, JAMAICA—METEOROLOGICAL RESULTS FOR THE YEAR, 1942.

FOR ELEVATION, SEE FOOT NOTE.

Month.	Barometer Pressure.		TEMPERATURE (FAH.)								Dewpoint and Relative Humidity.		Rainfall.			
	7 a.m.	3 p.m.	Mean.	7 a.m.	3 p.m.	Max.	Min.	Range.	Extremes for Month.		7 a.m.	3 p.m.	Actual Fall	Av. for 35 yrs.		
									Max.	Min.					Range.	
January	Ins. 29.983	Ins. 29.934	76.7	71.3	83.0	85.3	69.0	16.3	88.0	64.1	23.9	66	70	Ins. 3.84	Ins. 1.73	8
February	.898	.856	76.5	71.9	81.9	84.5	69.5	15.0	87.3	63.8	23.5	67	85	1.17	1.86	7
March	.926	.876	78.1	73.9	83.5	86.5	70.4	16.1	89.3	66.5	22.8	69	85	1.72	2.77	6
April	.929	.888	78.8	75.7	84.0	86.5	70.9	15.6	89.3	64.0	25.3	70	83	5.34	2.92	12
May	.907	.877	79.8	77.4	84.2	87.5	71.9	15.6	90.0	64.7	25.3	70	80	12.15	6.25	11
June	.912	.884	80.7	78.5	85.2	87.2	73.7	13.5	90.3	70.0	20.3	72	81	3.30	5.51	12
July	.966	.936	80.9	78.4	84.9	89.1	73.3	15.8	91.5	71.0	20.5	72	82	6.04	5.83	18
August	.910	.887	80.0	77.9	83.1	87.6	73.5	14.1	92.5	71.3	21.2	72	83	11.05	6.50	17
September	.898	.853	80.4	77.2	85.0	88.1	73.2	14.9	90.5	71.2	19.3	72	75	3.38	6.71	12
October	.859	.804	80.3	76.8	85.5	88.1	72.7	15.4	90.0	70.9	19.1	73	88	4.18	8.21	14
November	.856	.797	79.4	75.4	85.1	87.5	71.5	16.0	91.5	67.3	24.2	70	84	0.14	3.83	4
December	29.954	29.909	78.4	73.8	83.7	86.6	71.3	15.3	90.0	65.5	24.5	69	84	6.27	1.97	14
Means	29.916	29.875	79.2	75.7	84.1	87.0	71.7	15.3	90.0	67.5	22.5	70	83			
Totals														58.58	54.09	135

Barometer pressure reduced to Standard of Kew, 32 degrees, gravity at Lat. 45° and Mean Sea Level. The 75th Meridian West of Greenwich, Standard Time used. Altitude of Barometer above Mean Sea Level 33 ft. Height of Thermometer above ground 4 ft. 6 ins. Height of Rain Gauge above the ground 6 ft. 6 in. Height of Anemometer above the ground of 94 ft. to the 31st May, 1935, and 22 ft. above ground from 1st June 1935.

TABLE (A)—NEGRIL POINT—MEAN RESULTS for year 1942, cont'd.

Month.	Wind, Miles per diem.	Wind: from and Miles per hour.				Clouds: in Tenths.						Weather Conditions, etc.
		7 a.m.	3 p.m.	11 p.m.	Lower.		Middle.		Upper.			
					7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.		
January	143	NE 5.2	NE 8.7	NE 4.9	3.0	1.8	0.8	2.6	0.4	0.4	0.4	Clear 3 days, fair 10, cloudy 12, overcast 6, rain 8, thunderstorm 2, heavy seas 2.
February	165	NE 5.3	NNE 9.0	NE 6.3	1.8	3.6	1.1	1.5	0.2	0.5	0.5	Clear 1 day, fair 14 days, cloudy 4, overcast 9, rain 7 days.
March	164	NE 4.5	NE 9.2	ENE 4.7	1.4	1.4	0.6	4.8	0.7	0.6	0.6	Fair 17 days, cloudy 7, overcast 7, rain 6 days.
April	130	ENE 4.5	NNW 8.3	NE 3.1	1.3	3.4	0.7	3.1	4.0	1.0	1.0	Clear 1 day, fair 14 days, cloudy 13, overcast 12, rain 12, thunderstorm 1 day.
May	122	ENE 3.5	NE 6.3	NE 3.6	2.7	3.0	0.7	5.2	2.0	0.2	0.2	Fair 4 days, cloudy 14, overcast 13, rain 11, thunderstorm 10 days.
June	137	ESE 5.7	SSE 9.3	NE 3.4	2.0	3.4	1.0	3.9	3.7	0.6	0.6	Fair 10 days, cloudy 10, overcast 10, rain 12, thunderstorm 10 days.
July	119	ENE 4.1	ESE 7.5	ENE 3.5	0.8	5.6	0.3	2.8	3.6	0.1	0.1	Fair 1 day, cloudy 15, overcast 15, rain 18, thunderstorm 23 days.
August	130	ENE 5.0	ESE 8.6	ENE 4.8	0.6	4.4	1.8	3.7	3.9	1.0	1.0	Fair 3 days, cloudy 13, overcast 15, rain 17, thunderstorm 17 days.
September	121	NE 3.9	ESE 9.4	NE 3.5	0.7	3.5	0.6	3.5	5.8	1.1	1.1	Fair 6 days, cloudy 17, overcast 17, rain 12, thunderstorm 13 days.
October	107	ENE 3.9	NNW 6.7	NE 2.8	0.1	2.0	1.0	3.4	4.0	1.3	1.3	Fair 14 days, cloudy 10, overcast 7, rain 14, thunderstorm 7 days.
November	153	NNE 5.6	N 10.6	NE 7.4	1.2	2.8	1.0	2.4	2.6	0.9	0.9	Fair 14 days, cloudy 14, overcast 2, rain 4, thunderstorm 1 day.
December	130	NE 5.3	Vac. 6.2	ENE 4.6	3.0	2.0	0.9	4.7	1.5	0.3	0.3	Clear 2 days, fair 7, cloudy 9, overcast 13, thunderstorm 6 days.
Means	134	NE 4.7	NE 8.3	NE 4.1	1.5	3.1	0.9	3.5	2.7	0.7	0.7	Rainfall for the year 58.58 inches, with 135 rainy days.



JAMAICA

WEATHER REPORT

FOR THE MONTH OF
FEBRUARY, 1943

The barometric pressures at all the Stations, except the Hill Gardens, are reduced to the standards of Kew 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first two standards only. Thermometers are exposed in Stevensons Screen; their readings have been corrected for instrumental errors.

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

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

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS

STATIONS	Elevation	Bar. Pressure			Temperature (F.)				Extreme Temperature (F.)				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range	Max.	Date.	Min.	Date.	Range
	ft.	ins.	ins.	°	°	°	°	°	°	°	°	°	°
Morant Point Light House	8	30.002	29.962	75.9	79.8	81.6	73.3	8.3	84.4	1	67.0	25	17.4
Kingston	24	29.997	29.949	70.0	82.3	86.3	68.8	17.5	89.1	11*	65.9	2	23.2
Upper Kingston	110	30.000	29.945	69.2	82.5	86.2	68.1	18.1	90.1	9	65.6	2*	24.5
Negril Point Light House	33	30.004	29.953	70.4	82.2	84.0	67.7	16.3	86.3	2*	62.9	7	23.4
Montego Bay	33			69.6	82.5	85.6	66.0	19.6	89.0	7	62.0	6	27.0
Castleton Gardens	496			68.0	73.5	78.0	66.6	11.4	84.0	16	62.5	5*	21.5
Hope Gardens	668	30.023	29.950	67.0	82.4	85.4	64.4	21.0	91.0	11	61.0	4*	30.0
Hill Gardens, Blue Mountains	4,900	25.294	25.260	56.8	62.7	66.3	53.3	12.7	71.0	4*	52.3	7*	18.7

STATIONS	Elevation	Dewpoint and Rel. Humidity				Rainfall	Wind per diem	Wind: direction from and miles per hour				Amount of Cloud. Lower, Middle and Upper					
		7 a.m.		3 p.m.				7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.			3 p.m.		
	ft.	°	%	°	%	ins.	Mls.	Dir.	m.p.h.	Dir.	m.p.h.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	72	89	74	82	3.56	274	ENE	14.0	ENE	12.0	3.7	3.8	0.9	2.3	3.9	0.5
Kingston	24	65	83	70	66	0.68	152	N	4.8	SE	10.6	1.4	1.5	1.8	2.4	3.5	0.2
Upper Kingston	110	64	84	68	63	0.80	..	N	4.8	SE	8.7	1.4	0.9	1.7	3.2	3.4	0.0
Negril Point Light House	33	65	85	68	64	1.58	152	NNE	6.1	var.	9.8	1.9	0.6	2.2	0.3	3.7	1.3
Montego Bay	33	66	91	73	73	2.63	..	..	..	..	..	..	..	..	..	..	..
Castleton Gardens	496	66	93	71	92	16.74	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	62	86	74	78	1.85	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens, Blue Mtns.	4,900	52	87	58	87	14.55	..	..	..	..	..	..	..	..	..	..	..

NOTES

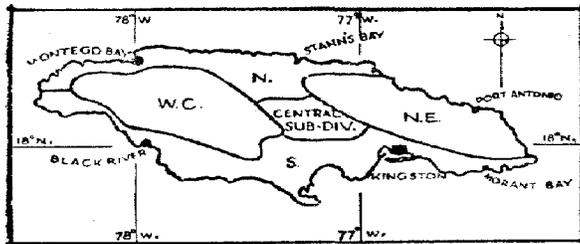
- (1) Kingston—As from 1st January, 1943, temperatures are taken from Thermometers located at Winchester Park.
 - (2) Hope Gardens—Observations are taken at 9 a.m. and 3 p.m.
 - (3) Montego Bay—Observations are taken at 8 a.m. and 3 p.m.
- * —And on other days.

THE RAINFALL

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last columns contain the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1939". In obtaining the mean rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last columns that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

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

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica", following page 27, 1911 Edition, and of page 33 of 1934 Edition, an outline of which is given below.



STATIONS	February, 1943.				
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Amount	Date		
NORTH-EASTERN DIVISION (N.E.)	Ins.	Ins.			Ins.
Manchioneal	3.28	0.57	12	8	4.83
Ecclesdown	9.45	1.20	13	21	4.19
Priestman's River	3.01	0.93	20	11	4.38
Bath	5.75	1.49	5	17	4.38
Barrett's Gap	15.89	5.29	17	19	12.23
Millbank	21.65	7.25	17	20	12.23
Bowden Pen	19.29	7.13	17	23	12.65
Moore Town	20.34	5.05	17	16	5.80
Port Antonio	6.44	2.40	19	10	4.90
Passley Garden	4.89	2.05	19	14	9.46
Mt. Pleasant	8.75	3.00	19	14	2.33
Fellowship	11.35	2.65	19	19	2.06
Johnson River Br.	4.08	0.93	18	9	10.42
Trinity Ville	3.79	1.05	19	4	5.40
Fruitful Vale	14.50	3.18	19	17	2.58
Shrewsbury	12.90	2.05	18	15	10.42
Hope Bay	8.63	4.38	19	11	5.40
Cedar Valley	2.09	1.50	18	8	2.58
Swift River	15.14	2.40	18	16	6.88
Lennox	12.30	5.00	19	22	12.00
Greenvale	15.53	3.15	10	17	5.73
Darley	7.30	1.96	19	20	4.22
Spring Garden					7.13
Hill Gardens	15.05	5.64	17	18	4.22
Buff Bay	9.89	5.50	19	12	7.13
Buff Bay R. Est.	8.94	1.84	14	12	8.39
Belvedere, Portland	11.52	2.38	14	17	5.30
Windsor Castle, do	7.99	3.50	20	15	10.40
Balcarres	28.57	6.23	17	15	8.49
Mt. Holstein	23.77	9.08	17	19	8.49
Cedar Hurst	20.76	10.10	17	15	5.91

STATIONS.	February, 1943.				
	Total Fall.	Greatest fall in 24 hours.		Days on which 0.01 or more fell.	Average.
		Amount.	Date.		
NORTH-EASTERN DIVISION, contd.	Ins.	Ins.			Ins.
Hardware Gap	10.17	4.30	17	15	2.30
Rose Hill	10.80	3.00	18	20	3.97
Mount Cressy	24.99	8.70	17	20	2.82
Hermitage	5.12	1.78	18	14	7.80
Mount Airy	18.36	8.44	17	16	5.09
Stony Hill	4.97	1.90	18	10	4.93
Golden Spring	3.37	2.60	18	11	4.83
Brandon Hill	9.64	2.40	14	8	2.48
Enfield	13.21	2.60	9	18	5.09
Agualta Vale	3.77	0.95	14	10	4.93
Castleton Gardens	16.74	5.20	17	10	4.83
Water Valley	3.43	1.05	13	8	2.48
Albany	3.68	0.72	14	11	8
Platfield					2.48
Lawrence Tavern	4.21	1.82	14	8	8
Wey Hill	4.16	0.90	17	8	4.59
Richmond, St. Mary	2.96	0.65	15	8	4.33
Quebec, St. Mary	2.63	0.85	1	8	4.33
Above Rocks	5.02	1.54	18	9	7
Glegoffe	5.20	1.65	14	7	2.14
Carew Castle	3.95	1.51	14	14	6.15
Hampstead, St. Mary	4.20	0.80	22	10	5.87
Windsor Castle do.	7.60	2.05	17	13	4.05
Troja	3.28	1.43	2	6	3.94
Pear Tree Grove	4.16	0.85	16	8	4.42
Guy's Hill	6.42	1.42	11	13	4.98
Lucky Hill	4.97	1.60	17	15	3.87
Rio Hoe	7.82	2.30	18	10	3.86
Unity Valley	4.17	0.89	17	10	3.89
Moneague	5.36	1.41	21	12	4.01
Claremont	8.91	3.16	17	10	4.43
Averham Park	14.12	5.00	17	15	3.73
Albion	7.27	2.47	17	11	
NORTHERN DIVISION (N)					
Port Maria	2.49	1.05	19	9	4.81
Wentworth					
Jacks River	2.59	0.45	10	11	4.38
Oracabessa					
Retreat	3.84	1.09	17	13	3.68
Huddersfield	2.40	0.50	10	10	6
Exchange	4.73	0.83	7	6	3.55
Ocho Rios	3.76	1.10	22	7	5.06
Rockfield	9.79	3.41	14	17	4.07
Liberty Hill	6.94	2.37	14	9	1.40
St. Ann's Bay	5.12	2.17	14	13	3.80
Richmond Estate	5.02	1.24	14	11	2.03
Runaway Bay	4.65	2.50	14	8	9
Thatchfield	4.43				4.57
Knapdale	10.48	2.36	14	15	2.38
Alexandria	7.88	2.45	21	7	2.79
Bel-Air	6.00	2.55	14	10	4.13
Brown's Town	8.72	1.93	17	16	14
Wilton	7.01	2.25	14	14	2.18
Watt Town, St. Ann	14.83	3.16	23	8	3.19
Home Castle	6.15	2.05	16	8	2.51
Stewart Town	5.59	1.15	17	17	2.50
Arcadia	2.22	0.60	18	9	1.66
Vale Royal	2.95	0.73	18	13	2.30
Duncans	2.03	0.86	18	12	2.41
Harmony Hall					1.85
Clark's Town	3.43	0.86	11	12	
Gibraltar	3.79	0.85	11	12	
Falmouth	6.11	2.67	18	9	

STATIONS	February, 1943					STATIONS	February, 1943				
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Amount	Date					Amount	Date		
NORTHERN DIVISION, <i>contd.</i>	Ins.	Ins.			Ins.	WEST-CENTRAL <i>DIVISION, contd.</i>	Ins.	Ins.			Ins.
Adelphi	3.97	0.88	17	13	...	Wait-a-bit	9.13	3.26	21	15	...
Irwin	4.18	0.88	17	10	1.45	Christiana	2.71	1.59	21	9	2.80
Barrett Hall	...	...	...	...	...	Holmwood	2.43	1.80	21	5	...
Success	2.38	0.76	18	7	2.13	Clifton Hill	1.97	1.12	19	2	3.69
Cornwall	2.99	1.10	18	7	...	Kendal, Manchester	1.11	0.50	21	5	2.78
Rose Hall	2.38	1.10	18	7	2.26	Mereworth	2.69	0.75	27	12	3.57
Cinnamon Hill	2.71	0.92	18	9	2.37	Mandeville	1.38	0.69	1	3	2.82
Tryall	2.75	0.85	18	10	1.57	Ulster Spring	6.43	1.83	17	13	3.31
Running Gut	2.56	1.09	18	7	2.07	Greenvale	4.12	0.96	11	10	3.26
Spring Estate	2.60	1.25	18	10	2.41	Albert Town	8.33	2.36	21	9	2.92
Friendship	4.90	1.27	22	13	2.52	Craig Head	...	...	...	...	...
Windsor Lodge	3.07	1.05	17	7	...	Warsop	8.97	2.20	21	16	3.09
Latium	3.75	0.75	17	10	...	Troy	4.67	2.10	21	8	3.22
Retirement	4.26	1.00	22	15	2.19	Wallingford	6.42	1.50	13	12	4.02
Rose Mount	...	...	...	...	...	Balaclava	6.56	1.87	13	9	2.86
Montego Bay	2.63	0.71	11	8	1.82	Braes River	4.89	1.36	21	9	...
Anchovy	3.65	1.22	11	11	1.37	Wakefield	5.54	1.60	18	10	2.25
Hopewell	5.47	1.35	20	10	...	Appleton	4.89	2.04	21	7	2.77
Blue Hole	4.13	1.62	20	6	2.97	Aberdeen	7.01	1.80	21	12	...
Cascade	6.20	2.55	11	9	...	Accompong	7.16	2.00	19	9	...
Lucea	3.15	1.49	11	10	2.22	Maggotty	4.85	1.50	13	9	3.55
Haughton Court	...	...	...	...	2.10	Lacovia	2.74	0.50	19	6	3.91
Kendal—Hanover	10.62	5.80	11	11	...	Mulgrave	9.66	3.00	19	10	...
Blenheim	2.65	1.38	11	11	...	Holland	3.07	2.25	20	8	...
Cousin's Cove	2.34	0.90	11	12	2.42	Ipswich	7.94	2.17	19	11	...
Green River	11.16	5.25	11	8	...	Ginger Hill	3.54	1.85	19	8	...
Green Island	3.43	1.79	11	8	2.24	Kempshot	5.76	1.57	17	13	2.75
Haughton Hall	5.47	3.77	11	13	2.17	Garlands	7.90	2.53	22	15	...
CENTRAL SUB-DIVISION.						Mocho, St. James	...	...	...	...	3.34
Knollis	2.13	1.03	4	5	1.67	Catadupa	4.79	0.91	20	10	3.23
Highgate (St. Cath.)	3.47	0.92	18	11	2.53	Cambridge	7.58	2.66	11	13	2.98
Rio Magno	2.68	0.65	16	5	3.05	New Market	3.08	1.40	11	9	3.84
Riversdale	3.26	0.61	8	7	2.18	Springfield	5.39	1.26	11	9	...
Headworks, R.C.C.	1.58	0.38	14	7	1.62	Petersville	0.98	0.52	11	4	2.99
Bog Walk	1.91	0.63	21	9	1.68	Kew Park	6.94	2.02	20	11	2.86
Linstead	2.99	2.19	21	6	2.16	Seaford Town	4.51	1.78	11	11	...
Ewerton	0.65	0.35	9	2	...	The Bog	3.87	0.95	11	10	4.05
Cave-Valley	3.43	1.97	21	7	2.05	Exeter	10.32	1.72	11	14	...
Guanaboa Vale	1.43	0.50	18	6	2.42	Bethel Town Dist.	5.14	1.89	20	9	3.90
Point Hill	4.94	1.83	21	10	3.20	Burnt Ground	8.20	3.20	20	9	2.76
Brown's Hall	1.72	0.36	6	8	2.18	Copse	5.88	1.60	20	7	2.18
Bellas Gate	2.93	1.12	1	8	1.70	Haughton Grove	11.89	2.35	13	11	3.02
Rock River	0.47	0.47	24	1	1.69	Knockalva	9.50	...	...	...	...
Croft's Hill	1.03	0.38	11	6	1.92	Darliston	7.55	2.15	19	9	3.80
Kellitts	0.97	0.23	11	8	...	Whithorn	3.79	1.50	19	5	2.95
Suttons	...	...	...	...	2.73	Water Works Pen	4.83	2.05	19	10	3.23
Colonel's Ridge	1.18	0.23	28	11	...	Williamsfield, WLD.	7.32	3.80	11	11	...
Chapelton	0.94	0.50	12	5	1.68	Peterfield	2.28	0.84	12	8	...
Crooked River	0.74	0.25	28	6	2.18	Baulk	3.36	1.00	20	12	...
James Hill	1.02	0.79	21	4	...	Askenish	6.86	3.50	11	11	3.20
Frankfield	1.32	0.50	21	16	2.56	Grange Hill	9.92	5.80	11	12	2.91
WEST-CENTRAL DIVISION (W.C.)						Mount Eagle	...	...	...	...	...
Mocho, Clarendon	2.40	1.03	14	4	2.13	King's Vale	2.85	1.15	11	6	2.49
Thompson Town	1.19	0.55	1	3	...	SOUTHERN DIVISION, (S).					
Porus	...	...	...	...	...	Morant Point L. H.	3.56	0.82	18	12	2.74
Borobridge	3.10	2.40	21	3	...	Golden Grove	...	...	...	...	...
Spaldings	2.60	2.02	21	3	3.39	Pleasant Hill	3.85	0.79	5	14	2.60
Williamsfield	...	...	...	...	3.84	East Prospect	...	...	...	...	2.29
Brokenhurst	2.95	1.51	27	9	2.70	Morant Bay	1.86	0.63	10	7	1.82
Shooter's Hill	...	...	...	...	2.61	Lloyds	1.78	0.85	5	6	...
						Yallahs	...	...	...	...	1.21
						Easington	1.93	0.79	18	6	1.28
						Mavis Bank	3.50	1.65	17	8	2.11

STATIONS	February, 1943					STATIONS	February, 1943				
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Ins.	Ins.					Date	Ins.			Ins.	Date
SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.	SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.
Bull Bay HARBOUR HEAD	0.91	0.40	18	4	0.39	Cottage	2.65	0.86	27	8	1.97
Dallas Castle	3.91	0.75	17	12	2.27	Belle Plain	1.36	0.93	14	3	2.57
Gordon Town	4.70	1.50	22	8	1.83	Milk River	1.04	0.40	14	4	1.39
Irish Town	9.37	3.60	17	11	1.83	Retrieve	1.13	0.70	10	4	1.74
Hope Gardens	1.85	0.86	17	11	1.30	Stone's Hope	2.94	1.63	14	6	2.32
Bamboo Pen	1.31	0.56	17	6	..	Newport, Man.	2.28	0.45	14	7	2.71
Plumb Point L.H.	0.03	0.03	19	1	0.62	Alligator Pond	..	..	..	..	1.40
King's House Gar.	..	..	..	..	1.25	Myersville	2.04	0.86	19	6	..
Up-Park Camp	1.08	0.56	17	4	..	Goshen	4.24	1.23	28	10	..
Cavaliers	1.47	0.64	17	5	..	Munro	3.03	1.02	14	13	2.12
St. George's College	0.82	0.55	17	5	..	Windsor, St. Eliz.	2.06	1.25	19	11	2.39
Upper Kingston	0.80	0.54	17	5	0.83	Torrington	2.26	1.10	20	5	2.46
Parade Garden	0.64	0.45	17	2	..	Santa Cruz	4.60	1.32	28	11	2.77
Shortwood College	2.82	0.88	18	10	..	Hounslow	2.02	1.05	19	4	..
Kingston P.W.O.	0.68	0.36	17	3	0.53	Pedro Plains	2.12	1.35	19	4	1.38
Constant Spring	..	..	..	..	..	Bull Savannah	1.53	0.60	14	4	..
Halfway Tree	1.71	0.65	11	5	0.96	Mountainside	1.50	0.80	9	3	2.06
Clifton Pen	1.49	0.61	18	5	0.79	Fort Charles	1.12	1.12	12	1	1.69
Twickenham Pen	0.79	0.32	18	5	..	Black River	1.99	0.95	14	4	1.73
Red Hills	2.32	1.39	18	9	2.19	Mt. Charles	1.15	0.30	21	10	..
Quarantine Station	0.56	0.15	18	6	0.53	Mount Edgecombe	2.95	1.79	11	8	2.47
Hematine	2.20	1.20	18	5	1.46	Bluefields	3.01	1.70	11	6	..
Spanish Town	2.04	1.14	18	6	1.36	Sav.-la-Mar	1.25	0.52	11	5	2.15
Hog Hole, St. Cath.	1.49	0.67	18	8	1.80	Little London	2.84	1.85	11	8	2.81
Old Harbour	3.55	1.53	24	5	1.93	Retreat	1.61	0.63	11	9	2.51
May Pen	..	..	..	..	1.80	Sheffield	..	..	..	..	..
Glen Muir	2.40	1.30	14	4	1.34	Negril Point L.H.	1.58	0.50	11	7	1.77
Pennants	1.28	0.25	12	9	..	..	..	..	..	..	..

NOTES

COMPARATIVE TABLE OF RAINFALL AND DAYS ON WHICH RAIN FELL

DIVISIONAL AND ISLAND RAINFALL	February			
	Rainfall, inches		Days on which Rain fell	
	1943.	Ave.	1943.	Ave.
North-eastern	8.71	5.64	13	10
Northern	4.01	2.48	9	6
West-Central	5.14	2.96	9	7
Southern	2.32	1.76	7	6
The Island means	5.04	3.21	9	7

SHOCKS OF EARTHQUAKE IN FEBRUARY, 1943

Date	Standard Time. (Approx.)	Intensity	Notes, where, etc.
2nd	8.30 a.m.	I	Kingston
15th	2 a.m.	I	Cousin's Cove

N.B.—IT IS PARTICULARLY REQUESTED THAT ALL RAINFALL POST CARDS BE SENT IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE ISLAND

The mean rainfall for the Island was 5.04 inches, or 1.83 inch above the 70-year average of 3.21 inches. The Divisional Means were also above their averages.

The greatest fall for the month was 28.57 inches, at Balcarres, in the North-eastern Division, and the heaviest fall in 24 hours was 10.10 inches, at Cedar Hurst, on the 17th.

The mean number of rain days was 9, the average for the month being 7. Bowden Pen in the North-eastern Division, had the greatest number, 23, and the least number, 1, was recorded at 3 stations, viz.: Rock River in the Northern Division, and Plumb Point Lighthouse and Fort Charles, both in the Southern Division.

The mean rainfall in each parish is given below. The 10-year average is included below for comparison:—

Parish	1943	10-year
	Inches	Average
Kingston	0.59	0.61
St. Andrew	5.96	2.51
St. Thomas	4.08	2.70
Portland	12.76	7.77
St. Mary	5.24	4.93
St. Ann	7.11	3.45
Trelawny	5.32	2.76
St. James	3.62	2.20
Hanover	6.24	1.93
Westmoreland	4.42	2.90
St. Elizabeth	3.96	3.31
Manchester	2.34	3.09
Clarendon	1.51	2.26
St. Catherine	2.84	2.57

Portland, with 12.76 inches, was highest, St. Ann, with 7.11 inches, was next; and Hanover, with 6.24 inches, was third. Kingston, with 0.59 inch, had the least.

CITY OF KINGSTON

The total rainfall for the month of February was 0.68 inch or 0.15 inch above the 70-year average of 0.53 inch. The upper boundary of Kingston gauged 0.80 inch with 5 rain days.

Distant rain was observed to the north on 1 occasion.

The mean barometric pressure was 29.987 inches, or 0.006 inch above the 33-year normal of 29.981 inches. Highest barometer reading was 30.107 inches on the 16th at 3 p.m., and the lowest was 29.902 inches on the 21st at 3 p.m., corrected for diurnal variation.

Mean temperature was 76.4°, or 0.7° above the 33-year normal of 75.7°. The highest maximum was 89.1° on the 11th and 15th, and the lowest minimum was 65.9°, on the 2nd, giving an extreme monthly range of 23.2°. On the other hand, the lowest maximum was 80.3° on the 18th, and the highest minimum was 73.6° on the 27th. The greatest range was 21.4° on the 12th, and the least was 9.8° on the 18th. The maximum temperature was below 90°, throughout the month, and the minimum was 70° and above on 7 occasions.

The mean daily miles of wind recorded was 152, or 12% below the 25-year normal of 174. The greatest number of miles of wind recorded in 24 hours was 238 on the 11th, and the least was 112 on the 19th. Greatest velocity, of short duration was 30 miles per hour, on the 11th at about 2.00 p.m. South-east wind was early on 1 occasion, late on 3, and continued throughout the night once.

The mean relative humidity was 78%, which corresponds to the 33-year normal. Mean 7 a.m. was 83%, and mean 3 p.m. 66%. Lowest 7 a.m. was 71%, on the 2nd, and lowest 3 p.m. was 50% on the 11th.

Overcast conditions prevailed in the forenoon on 12 occasions, and in the afternoon on 11.

Total evaporation for the month, 5.99 inches, the 10-year average being 4.90 inches.

Mean daily number of sunshine hours 7.0.

MORANT POINT LIGHTHOUSE

A table giving the Meteorological results for the station at Morant Point Lighthouse (situated at the extreme eastern end of the Island) for the year 1942, is appended.

The extreme maximum temperature was 89.9° on the 12th August, and the extreme minimum was 67.0°, on the 8th of November. The extreme range was 22.9°. The greatest monthly range was 20.5° in the month of November.

The greatest monthly rainfall was 18.19 inches, in October, and the least 1.56 inch in March. The total number of days with appreciable rain was 178. August recorded the greatest number, 21, and March the least, 4. The total rainfall for the year was 91.96 inches, or 25.29 inches above the 60-year average of 66.67 inches. The average fall for each day with rain—(178) was 0.52 inch.

The mean total daily miles of wind recorded was 234. November recorded the greatest number, 357, followed by January with 317. The least, 117, was recorded in October.

The observations were conducted by Mr. C. N. Ratty, Superintendent of the Lighthouse.

(Sgd.) P. BRACELIN,
Instructor Commander, R.N.,
Govt. Meteorologist.

Weather Office,
Kingston,
20th March, 1943.

MORANT POINT, JAMAICA—METEOROLOGICAL RESULTS FOR THE YEAR, 1942

FOR ELEVATION, &c., (See Foot Note)

Month	Barometer Pressure		TEMPERATURE (FAR.)										Dewpoint and Relative Humidity		Rain-fall	No. of Days of Rain	
	7 a.m.	3 p.m.	Mean	7 a.m.	3 p.m.	Max.	Min.	Range	Extremes for Month		7 a.m.	3 p.m.					
	Ins.	Ins.	°	°	°	°	°	°	°	°	°	°	°	°	Ins.		
January	30.008	29.968	79.1	78.6	81.1	83.1	75.7	7.4	85.5	70.5	15.0	73	81	74	79	4.83	18
February	29.940	29.899	78.2	76.4	81.3	83.0	74.1	8.9	85.3	68.0	17.3	70	82	71	73	4.19	14
March	29.972	29.925	80.0	78.2	83.1	85.0	75.8	9.2	87.0	68.2	18.8	71	80	73	70	1.56	4
April	29.958	29.922	80.4	79.5	83.3	85.1	75.8	9.3	88.0	70.0	18.0	73	82	75	77	1.85	13
May	29.942	29.913	81.6	81.3	83.4	86.0	77.7	8.3	88.5	70.5	18.0	77	86	77	83	16.07	12
June	29.950	29.901	81.7	81.5	83.5	85.6	78.0	7.6	88.5	70.3	18.2	79	89	79	85	13.86	16
July	30.002	29.978	83.1	82.5	85.7	87.6	78.8	8.8	89.5	73.0	16.5	78	86	79	81	3.83	17
August	29.947	29.928	82.4	82.2	84.9	87.2	77.1	10.1	89.9	72.7	17.2	78	87	79	82	9.85	21
September	29.929	29.892	82.5	82.2	84.0	87.7	77.3	10.4	89.2	72.2	17.0	78	86	79	82	3.28	17
October	29.888	29.842	80.7	79.3	84.5	86.5	74.3	12.2	89.0	70.2	18.8	75	89	78	79	18.19	16
November	29.869	29.825	80.7	79.9	83.7	84.9	76.1	8.8	87.5	67.0	20.5	75	85	76	78	4.72	11
December	29.957	29.915	79.6	78.9	82.0	84.5	75.2	9.3	89.7	70.0	19.7	74	84	75	78	9.73	19
Means	29.947	29.909	80.8	80.0	83.4	85.5	76.3	9.2	88.1	70.2	17.9	75	85	76	79		
Totals																91.96	178

Barometer pressure reduced to Standard of Kew, 32 degrees, gravity at Lat. 45° and Mean Sea Level. The 75th Meridian West of Greenwich, Standard Time used
 Altitude of Barometer above Mean Sea Level 8 ft. Height of Thermometer above ground 4 ft. 6 ins. Height of Rain Gauge above the ground 3 ft. Height of Anemometer above the ground 18 ft.

MORANT POINT, 1942—MEAN RESULTS, contd.

Month	Wind, Miles per diem	Wind: from and Miles per hour		Clouds in Tenths						Weather Conditions, etc.
		7 a.m.	3 p.m.	Lower		Middle		Upper		
				7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	
January	317	E 18	E 15	2.6	2.8	4.2	4.3	0.2	0.1	Overcast 7 days.
February	291	NE 13	NE 15	3.0	2.1	2.9	3.9	1.1	0.1	Overcast 11 days.
March	285	NE 16	NE 15	0.6	0.6	4.1	3.9	0.5	1.3	Overcast 5 days.
April	313	ENE 14	ENE 15	1.9	1.8	3.8	2.9	0.9	0.9	Overcast 3 days.
May	248	E 12	E 12	2.3	2.7	4.4	3.9	0.9	1.2	Overcast 12 days. Thunderstorm 10th and 30th.
June	290	E 16	E 13	3.5	3.4	3.2	3.2	1.7	1.6	Overcast 12 days. Thunderstorm 2. Lightning 17th, 18th, 24th and 28th.
July	314	E 18	E 14	3.7	2.4	3.2	3.9	0.8	1.2	Overcast 11 days. Thunderstorm 8th. Lightning 5th, 6th, 15th and 16th.
August	315	E 16	E 13	3.2	2.6	4.2	3.7	1.5	1.7	Overcast 19 days. Lightning 4th, 5th and 22nd.
September	278	E 14	E 13	2.6	2.6	4.1	3.7	1.6	1.3	Overcast 15 days. Thunderstorm 10th and 11th. Lightning 27th and 28th.
October	117	NE 8	NE 8	2.0	2.6	3.4	3.0	1.8	1.6	Overcast 9 days. Lightning 4th, 10th, 18th, 19th, 27th, 28th, and 30th.
November	357	NE 16	NE 16	3.3	2.6	3.7	3.8	0.4	0.7	Overcast 13 days. Lightning 9th, 12th and 13th. Earthquake 6th.
December	288	ENE 14	ENE 13	4.1	2.9	3.8	3.4	0.3	0.7	Overcast 15 days.
Mean	284	E 14.6	ENE 13.5	2.7	2.4	3.7	3.6	1.0	1.0	Overcast 132 days. Thunderstorm 6 days. Lightning 23 days and Earthquake 1 day.



JAMAICA

WEATHER REPORT

FOR THE MONTH OF

MARCH, 1943

The barometric pressures at all the Stations, except the Hill Gardens, are reduced to the standards of Kew 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first two standards only. Thermometers are exposed in Stevensons Screen; their readings have been corrected for instrumental errors.

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

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

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS

STATIONS	Elevation	Bar. Pressure		Temperature (F.)					Extreme Temperature (F.)				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range	Max.	Date	Min.	Date	Range
	ft.	ins.	ins.	°	°	°	°	°	°	°	°	°	°
Morant Point Light House	8	29.988	29.956	77.2	81.1	83.6	75.0	8.6	86.6	28	66.8	4	19.8
Kingston	24	29.979	29.936	71.9	83.9	87.5	69.9	17.6	90.1	18	66.4	16	23.7
Upper Kingston	110	29.982	29.933	71.2	84.0	87.3	69.1	18.2	89.3	13	65.9	16	23.4
Negril Point Light House	33	29.981	29.938	71.6	82.5	85.5	68.8	16.7	88.3	15	64.5	12	23.8
Montego Bay	33	..	..	69.7	83.6	87.1	65.3	21.8	89.0	3*	64.0	3*	25.0
Castleton Gardens	496	..	..	65.5	77.2	84.3	64.9	19.4	89.0	3*	60.0	14*	29.0
Hope Gardens	668	30.004	29.929	67.6	83.7	87.1	65.3	21.8	91.0	18	63.0	27	28.0
Hill Gardens, Blue Mountains	4,900	25.250	25.211	57.5	64.0	68.1	53.9	14.2	73.0	6*	52.0	2*	21.0

STATIONS	Elevation	Dewpoint and Rel. Humidity				Rainfall	Wind per diem	Wind: direction from and miles per hour				Amount of Cloud Lower, Middle and Upper					
		7 a.m.		3 p.m.				7 a.m.	3 p.m.	7 a.m.		3 p.m.		7 a.m.		3 p.m.	
	ft.	°	%	°	%	ins.	Mls.			Dir.	m.p.h.	Dir.	m.p.h.	L.	M.	U.	L.
Morant Point Light House	8	73	87	74	80	5.72	244	ENE	14.0	E	12.0	2.5	3.8	0.2	3.1	3.8	0.3
Kingston	24	66	79	71	64	0.63	214	N	5.4	SE	15.3	0.2	1.0	0.3	2.1	3.3	0.2
Upper Kingston	110	64	72	69	74	0.55	..	N	4.8	SE	12.3	0.0	0.6	0.6	1.9	2.3	0.5
Negril Point Light House	33	66	82	70	64	3.26	153	ENE	4.8	ESE	9.9	0.4	0.7	1.1	2.9	3.9	0.3
Montego Bay	33	67	90	74	72	4.50	..	E	..	NE	..	..	..	..	..	..	..
Castleton Gardens	496	63	94	75	93	18.95	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	63	85	75	75	1.44	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens, Blue Mtns.	4,900	51	81	64	79	12.78	..	..	..	..	..	..	..	..	..	..	..

Notes

- (1) Kingston—As from 1st January, 1943, Temperatures are taken from Thermometers located at Winchester Park.
- (2) Hope Gardens—Observations are taken at 9 a.m. and 3 p.m.
- (3) Montego Bay—Observations are taken at 8 a.m. and 3 p.m.

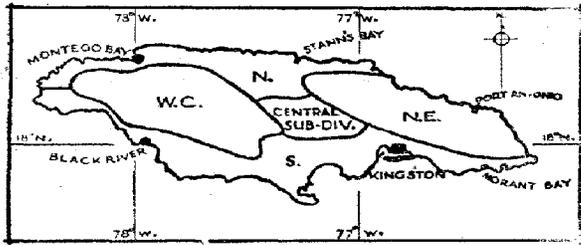
* And on other days.

THE RAINFALL

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last columns contain the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1939". In obtaining the mean rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last columns that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

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

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica", following page 27, 1911 Edition, and of page 33 of 1934 Edition, an outline of which is given below.



March, 1943

STATIONS.	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Amount	Date		
NORTH-EASTERN DIVISION, contd.	Ins.	Ins.			Ins.
Cedar Hurst	13.31	7.62	30	12	3.49
Hardware Gap	6.71	2.30	30	11	4.08
Rose Hill	4.83	1.26	23	12	3.84
Mount Cressy	19.05	9.70	30	13	
Hermitage	2.76	0.65	23	12	2.10
Mount Airy	12.01	2.30	23	12	
Stony Hill	2.02	0.53	29	10	2.84
Golden Spring	2.23	1.41	22	10	
Brandon Hill	8.70	7.10	30	3	
Enfield	21.73	9.80	30	12	7.98
Agualta Vale	20.23	5.10	31	15	4.23
Castleton Gardens	18.95	13.25	30	8	4.81
Water Valley	16.61	6.10	31	10	4.13
Albany					3.91
Platfield					
Lawrence Tavern	5.11	2.96	30	8	2.53
Wey Hill	8.86	5.75	30	11	
Richmond, St. Mary	14.10	3.50	13	10	3.92
Quebec, St. Mary	16.09	5.80	31	11	3.40
Above Rocks	5.90	2.78	22	12	
Glengoffe	5.30	2.68	30	5	
Carew Castle	5.88	1.84	30	10	2.81
Hampstead, St. Mary	16.80	4.10	25	9	4.89
Windsor Castle do.	12.50	2.70	30	9	5.06
Troja	9.07	5.10	30	6	2.83
Pear Tree Grove	8.43	4.10	30	8	3.80
Guy's Hill	12.32	3.20	30	9	3.64
Lucky Hill	13.54	3.25	25	12	3.29
Rio Hoe	11.22	2.60	30	13	3.56
Unity Valley	8.59	2.09	30	13	3.68
Moneague	6.77	1.87	30	12	3.35
Claremont	9.01	3.14	30	11	3.16
Averham Park	6.85	2.77	31	11	3.57
Albion	9.29	2.32	30	9	3.51
NORTHERN DIVISION (N)					
Port Maria	11.21	4.61	31	9	3.28
Wentworth	11.75	4.20	31	7	
Jacks River	13.07	3.75	31	13	
Oracabessa	15.37	4.36	31	11	4.01
Retreat	11.90	3.40	31	12	
Huddersfield	12.76	3.31	29	7	3.64
Exchange	11.41	4.18	29	9	
Ocho Rios	8.98	1.75	29	7	2.79
Rockfield	11.26	4.07	30	14	3.40
Liberty Hill	8.33	3.24	29	11	3.47
St. Ann's Bay	10.82	2.62	31	12	3.05
Richmond Estate	10.59	4.30	31	9	2.70
Runaway Bay	13.00	4.33	31	6	1.79
Thatchfield	14.90	6.40	30	11	
Knapdale	12.28	4.42	31	10	3.63
Alexandria	4.80	1.10	30	10	2.22
Bel-Air	14.90	4.50	30	8	4.20
Brown's Town	8.17	2.65	31	12	3.01
Wilton	13.75	6.90	30	9	
Watt Town, St. Ann	3.81	1.46	30	7	2.13
Home Castle	8.43	3.80	31	7	2.67
Stewart Town	5.35	1.53	30	11	
Arcadia	5.90	2.10	29	8	2.15
Vale Royal	5.96	1.70	30	8	2.33
Harmony Hall	8.21	2.63	29	5	2.17
Duncans	6.02	1.70	31	7	2.40
Clark's Town	4.02	1.26	31	9	2.37
Gibraltar	3.35	0.85	30	8	
Falmouth	8.21	4.16	31	9	1.77

STATIONS	March, 1943				
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
	Ins.	Ins.	Date		Ins.
NORTH-EASTERN DIVISION (N.E.)					
Manchioneal	16.50	10.78	31	15	3.58
Ecclesdown	21.50	13.46	31	15	
Priestman's River	12.60	8.07	31	11	3.45
Bath	9.46	2.22	23	15	4.04
Barrett's Gap	26.37	7.36	31	19	
Millbank	32.74	11.50	30	14	10.33
Bowden Pen					
Moore Town	28.63	8.25	30	16	10.13
Port Antonio	15.68	6.86	31	11	4.59
Passley Garden	11.52	5.25	31	10	4.03
Fellowship	18.87	9.62	30	15	6.72
Johnson River Br.	4.63	1.15	30	8	2.51
Trinity Ville	4.78	1.20	31	7	1.52
Fruitful Vale	40.12	17.30	30	11	
Shrewsbury	36.21	12.55	30	13	8.23
Hope Bay	18.33	6.14	31	11	3.84
Cedar Valley	8.46	3.12	23	12	2.71
Swift River	43.75	16.00	30	16	
Lennox					3.91
Greenvale	31.98	16.95	30	16	9.71
Darley	14.66	6.22	30	12	
Spring Garden	15.48	5.59	31	8	4.58
Hill Gardens	12.59	4.53	30	15	4.32
Buff Bay					4.94
Buff Bay R. Est.					
Belvedere, Portland	28.45	6.80	25	10	6.53
Windsor Castle, do.	16.15	5.90	31	14	4.72
Balcarres	42.69	27.50	30	15	6.06
Mt. Holstein					6.68
Mt. Pleasant	13.50	6.50	30	12	

STATIONS	March, 1943					STATIONS	March, 1943						
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		
		Ins.	Ins.					Date	Ins.			Ins.	Date
NORTHERN DIVISION, contd.						WEST-CENTRAL DIVISION, contd.							
Maroon Town	4.31	1.22	31	7	1.81	Wait-a-bit	6.11	3.50	29	9	..	..	..
Adelphi	4.02	1.63	31	7	..	Christiana	5.31	1.83	29	12	4.00	..	..
Windsor Lodge	4.47	1.50	31	8	..	Holmwood	6.03	3.02	29	9	..	..	..
Latium	..	..	..	..	..	Clifton Hill	6.93	1.25	29	5	2.65	..	..
Barrett Hall	..	..	..	..	..	Kendal, Manchester	3.92	0.97	29	10	3.24	..	..
Success	0.15	0.10	26	2	1.81	Appleton	4.98	1.03	17	14	5.24	..	..
Cornwall	0.42	0.22	26	2	..	Mereworth	6.99	2.09	29	12	3.52	..	..
Rose Hall	0.27	0.22	26	2	1.73	Mandeville	5.14	1.48	29	7	3.89	..	..
Cinnamon Hill	0.29	0.12	19	3	1.34	Ulster Spring	2.88	0.75	22	9	3.96	..	..
Tryall	0.25	0.20	19	2	1.67	Greenvale	5.43	1.75	29	7	3.43	..	..
Running Gut	0.32	0.22	26	2	1.64	Albert Town	4.19	2.03	31	4	3.82	..	..
Spring Estate	0.15	0.10	19	2	1.52	Craig Head	5.65	2.50	29	5	..	..	..
Friendship	5.76	2.50	31	12	2.26	Warsop	7.80	2.55	31	11	2.64	..	..
Irwin	5.85	3.30	31	6	2.10	Troy	10.30	3.56	22	8	5.47	..	..
Retirement	6.65	2.40	31	9	2.89	Wallingford	8.70	3.58	31	16	5.18	..	..
Rose Mount	..	..	..	..	..	Balaclava	8.47	2.83	31	9	4.56	..	..
Montego Bay	4.50	2.24	31	9	1.67	Braes River	8.44	2.34	31	10	..	..	..
Anchovy	5.45	1.51	19	9	2.01	Wakefield	8.39	2.96	29	9	2.18	..	..
Hopewell	4.92	1.70	31	7	..	Aberdeen	6.19	1.61	17	16	..	..	..
Blue Hole	2.14	1.05	19	8	2.59	Accompong	10.62	2.40	17	8	..	..	..
Cascade	6.45	1.36	20	11	..	Maggotty	8.42	1.64	17	17	5.99	..	..
Lucea	3.86	2.37	31	12	2.42	Lacovia	8.21	1.55	20	12	4.41	..	..
Haughton Court	..	..	..	..	2.30	Mulgrave	11.62	2.90	25	12	..	..	..
Kendal—Hanover	5.29	0.84	21	12	..	Holland	9.26	2.29	17	11	..	..	..
Blenheim	5.24	1.70	31	11	..	Ipswich	10.56	2.21	25	14	..	..	..
Cousins Cove	3.54	1.27	31	15	3.32	Ginger Hill	10.43	1.85	25	16	..	..	..
Green River	4.12	1.26	17	7	..	Kempshot	5.04	1.46	31	7	3.02	..	..
Green Island	4.69	1.26	31	11	3.39	Garlands	4.19	0.75	29	13	..	..	..
Haughton Hall	3.46	1.20	31	12	2.70	Mocho, St. James	..	..	..	..	5.22	..	..
CENTRAL SUB-DIVISION						Catadupa	7.30	1.78	29	11	3.96	..	..
Knollis	4.81	1.62	29	7	2.97	Cambridge	5.07	1.04	29	9	4.39	..	..
Highgate (St. Cath.)	4.54	0.89	22	13	3.49	New Market	8.10	2.30	31	13	5.35	..	..
Rio Magno	10.55	3.85	30	12	4.06	Springfield	7.82	2.55	25	13	..	..	..
Riversdale	6.03	1.80	29	8	2.80	Kew Park	7.12	1.25	25	14	4.32	..	..
Headworks, R.C.C.	3.07	0.65	25	10	2.76	Seaford Town	16.00	3.20	25	13	..	..	..
Bog Walk	5.68	2.16	7	9	2.14	Petersville	4.45	1.14	22	8	5.25	..	..
Linstead	5.41	2.20	29	11	3.00	The Bog	6.02	1.71	29	14	5.92	..	..
Ewarton	4.94	0.92	19	8	..	Exeter	11.46	2.50	7	19	..	..	..
Cave Valley	2.03	0.95	28	4	2.57	Bethel Town Dist.	5.65	0.95	22	12	4.80	..	..
Guanaboa Vale	4.13	1.70	16	7	3.01	Copse	..	..	..	..	3.16	..	..
Point Hill	4.23	1.10	29	10	4.56	Burnt Ground	6.92	1.18	19	11	4.24	..	..
Brown's Hall	7.68	2.24	29	10	4.35	Haughton Grove	10.18	1.50	31	12	6.30	..	..
Bellas Gate	5.08	1.25	29	10	2.25	Knockalva	..	..	..	..	..	..	..
Rock River	1.68	1.00	7	3	1.41	Darlistou	11.15	3.08	21	13	6.15	..	..
Crofts Hill	4.81	0.96	28	11	2.97	Whithorn	10.25	2.01	5	10	4.81	..	..
Kellit's	3.36	0.52	28	15	..	Water Works Pen	7.96	1.25	16	14	4.87	..	..
Suttons	..	..	..	..	2.74	Williamsfield, Wld.	7.63	1.80	25	12	..	..	..
Colonel's Ridge	4.35	2.88	22	19	..	Petersfield	7.68	1.75	17	14	..	..	..
Chapelton	3.34	1.83	22	11	2.65	Baulk	7.28	1.22	7	11	..	..	..
Crooked River	3.43	1.94	28	8	2.13	Askenish	8.17	2.70	21	11	3.98	..	..
James Hill	3.78	1.54	23	6	..	Grange Hill	6.25	2.09	7	14	4.97	..	..
Frankfield	..	..	..	..	2.30	Mount Eagle	1.75	0.35	23	9	..	..	..
WEST-CENTRAL DIVISION (W.C.)						King's Vale	1.75	0.35	23	9	3.64	..	..
Mocho, Clarendon	2.40	1.04	14	4	2.98	SOUTHERN DIVISION, (S)							
Thompson Town	8.63	2.77	31	11	..	Morant Point L. H.	5.72	4.06	31	13	2.11	..	..
Porus	4.68	1.80	29	5	..	Golden Grove	8.22	4.85	31	7	..	..	..
Borobridge	3.53	1.25	29	6	..	Pleasant Hill	6.57	3.47	31	14	2.78	..	..
Spaldings	6.31	2.90	29	9	2.68	East Prospect	7.13	1.72	31	15	2.59	..	..
Williamsfield	4.02	0.94	27	10	2.77	Morant Bay	4.39	1.00	31	11	1.80	..	..
Brokenhurst	7.32	1.38	31	15	3.15	Lloyds	2.89	0.75	23	10	..	..	..
Shooter's Hill	3.24	1.46	29	6	3.02	Yallahs	2.87	1.07	31	11	0.98	..	..
						Easington	2.15	1.96	23	3	1.33	..	..
						Mavis Bank	3.47	0.73	23	10	1.71	..	..

STATIONS	March, 1943					STATIONS	March, 1943				
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Amount	Date					Amount	Date		
SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.	SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.
Harbour Head	0.70	0.35	23	3	0.40	Pennants	4.17	2.10	21	8	..
Dallas Castle	1.39	0.32	23	11	1.64	Belle Plain	1.36	0.93	14	3	2.64
Gordon Town	2.88	0.95	29	7	1.65	Milk River	4.65	1.25	30	12	1.47
Irish Town	2.80	0.90	29	7	1.94	Retrieve	6.09	1.40	31	11	1.97
Hope Gardens	1.44	0.45	30	13	1.96	Stone's Hope	9.12	1.92	31	13	2.64
Bamboo Pen	1.70	0.39	25	9	..	Newport, Man.	6.60	1.48	23	9	2.94
Plumb Point L.H.	0.65	0.90	31	2	0.81	Alligator Pond	..	..	..	..	1.67
King's House Gar.	1.99	0.44	17	11	1.47	Myersville	7.06	1.74	9	3	..
Up-Park Camp	0.62	0.21	30	7	..	Goshen	9.42	3.09	29	9	..
Cavaliers	0.63	0.21	31	7	..	Munro	5.12	1.03	31	19	3.27
St. George's College	0.60	0.23	31	8	..	Windsor, St. Eliz.	3.59	0.67	22	13	3.17
Upper Kingston	0.55	0.23	31	9	0.90	Torrington	2.34	0.68	28	6	3.06
Parade Garden	0.48	0.23	31	4	..	Santa Cruz	13.41	3.31	29	16	4.59
Shortwood College	2.05	0.77	17	10	..	Hounslow	4.11	1.15	22	9	..
Kingston P.W.O.	0.63	0.27	31	8	0.81	Bull Savannah	6.68	1.89	22	7	..
Constant Spring	1.65	0.39	1	13	..	Pedro Plains	3.35	1.19	28	10	1.80
Halfway Tree	1.96	0.49	10	11	0.93	Mountainside	6.57	1.80	15	12	2.53
Clifton Pen	1.84	0.82	15	9	1.02	Fort Charles	4.25	1.12	30	6	1.84
Twickenham Pen	1.19	0.30	31	8	..	Black River	5.22	0.65	31	17	2.58
Red Hills	3.24	0.75	4	10	2.31	Mt. Charles	6.78	1.30	22	15	..
Quarantine Station	1.33	0.35	16	8	0.62	Mount Edgecombe	3.84	2.17	22	10	4.01
Hematine	2.54	0.86	25	7	1.54	Bluefields	6.66	0.94	14	15	..
Spanish Town	2.51	0.87	25	10	1.92	Sav.-la-Mar	5.02	1.78	18	11	3.03
Hog Hole, St. Cath.	1.63	0.69	25	10	2.16	Little London	8.02	1.75	17	11	4.00
Old Harbour	3.22	1.23	15	8	2.36	Retreat	5.26	1.62	7	10	3.68
May Pen	5.19	2.32	16	14	2.45	Sheffield	..	..	..	..	..
Glen Muir	4.95	2.30	16	6	1.58	Negril Point L.H.	3.26	1.50	18	9	2.87
Cottage	4.62	0.95	30	9	0.86						

NOTES

COMPARATIVE TABLE OF RAINFALL AND DAYS ON WHICH RAIN FELL

DIVISIONAL AND ISLAND RAINFALL	March			
	Rainfall, inches		Days on which Rain fell	
	1943	Ave.	1943	Ave.
North-eastern	14.51	4.58	11	9
Northern	5.98	2.48	9	6
West-central	6.51	4.11	10	8
Southern	3.90	2.16	10	6
The Island means	7.72	3.33	8	7

SHOCKS OF EARTHQUAKE IN MARCH, 1943

Date	Standard Time (Approx.)	Intensity	Notes, where, etc.
17th	9.40 a.m.	I	Munro

N.B.—IT IS PARTICULARLY REQUESTED THAT ALL RAINFALL POST CARDS BE SENT IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE ISLAND—MARCH

The mean rainfall for the Island was 7.72 inches, or 4.39 inches above the 70-year average of 3.33 inches. The Divisional Means were also exceeded in all the Divisions, especially the North-eastern Division.

The greatest fall for the month was 43.75 inches, at Swift River, in the North-eastern Division, and the greatest fall in 24 hours was 27.50 inches, at Balcarres, in the North-eastern Division, on the 30th.

The mean number of rain days was 8, the average for the month being 7. Barrett's Gap, Colonel's Ridge and Exeter, in the North-eastern, Northern and West-Central Divisions, respectively, had the greatest number, 19, and the least, 2, was recorded at Success, Rose Hall, Tryall, Running Gut, Spring Estate, Cornwall, all in the Northern Division, and at Plumb Point Lighthouse in the Southern Division.

The mean rainfall in each parish is given below. The 10-year average is also given for comparison:—

Parish	1943	10-year Average
	inches	inches
Kingston	0.58	0.64
St. Andrew	4.13	1.82
St. Thomas	7.20	1.93
Portland	23.63	6.36
St. Mary	14.72	4.22
St. Ann	9.51	3.17
Trelawny	6.04	3.12
St. James	3.26	2.52
Hanover	5.05	2.78
Westmoreland	7.13	3.34
St. Elizabeth	7.40	3.04
Manchester	5.76	2.49
Clarendon	4.15	1.88
St. Catherine	5.38	2.15

Portland, with 23.63 inches, was highest; St. Mary, with 14.72 inches, was next; and St. Ann, with 9.51 inches, was third. Kingston, with 0.58 inch, was lowest.

The mean total rainfall for the first quarter of the year is given below, compared with the 70-year average, and shows an excess of 4.35 inches:—

	1943	70-year Ave.
January	2.13	4.00
February	5.04	3.21
March	7.72	3.33
	14.89	10.54

CITY OF KINGSTON

The total rainfall for the month was 0.63 inch, or 0.18 inch below the 70-year average of 0.81 inch. There were 8 days with appreciable rain. The Upper Boundary of Kingston gauged 0.55 inch, with 9 rain days.

The several directions in which distant rain was observed are as follows: to north on 6 occasions, to north-east on 3, to north-west on 2 occasions, and to south on 1 occasion.

Distant thunderstorm was observed to north, north-east, north-west and west-south-west on 1 occasion each.

Distant lightning was observed to north on 1 day.

South-east rainsqualls occurred on the 19th and on the 27th.

A half Solar Halo was observed on the 28th at 10.45 a.m.

Mean barometric pressure was 29.967 inches, or 0.002 inch above the 33-year average of 29.965 inches. Highest reading was 30.067 inches, on the 15th, at 3 p.m., and the lowest was 29.845 inches, on the 11th, at 3 p.m., corrected for diurnal variation.

The mean temperature was 77.8°, or 1.3° above the 33-year average of 76.5°. Highest maximum temperature was 90.1°, on the 18th, and the lowest minimum 66.4° on 16th, giving an extreme range of 23.7°. On the other hand, the lowest maximum was 85.0°, on the 29th, and the highest minimum was 75.6° on the 28th. The greatest range was 21.8°, on the 9th, and the least 10.5°, on the 28th. The maximum temperature was 90° and above on 1 occasion, and the minimum was 70° and above on 11 occasions.

Mean daily miles of wind was 214, or 14% about the 25-year normal of 188. The greatest number of miles of wind recorded in 24 hours was 403, on the 27th, and the least, 127, on the 14th. The greatest velocity of short duration was 36 miles per hour, on the 16th, at about 2.30 p.m., and also on the 25th, at about 3.00 p.m. South-east wind was early 4 times, late 8 and throughout the night once.

Mean relative humidity was 74%, or 3% below the 33-year average of 77%. The mean 7 a.m. was 79%, and the mean 3 p.m. 64%. Lowest 7 a.m., 66% on the 10th, and lowest 3 p.m. 50%, on the 1st and 18th.

Overcast conditions prevailed in the forenoon on 3 occasions and in the afternoon on 12.

Mean sunshine hours 8.6.

MONTEGO BAY

Table (A), giving a summary of the Meteorological Observations carried out at Montego Bay during the year 1942, is appended. The extreme maximum temperature was 94.5, on the 24th September, and the extreme minimum was 63.0, on the 25th January. The mean daily temperature derived from four observations per day, was 79.1. The mean relative humidity at 7 a.m. was 92%, and at 3 p.m. 78%. The observations were carried out by Mr. C. R. Comrie of the Public Works Department, Montego Bay.

EVAPORATION TABLES

Kingston.—Appended to this Weather Report, No. 809, is Table (B) summarising the results of the daily evaporation gauged each month of the year 1942, at the City of Kingston. The Evaporimeter continued to be maintained with the same exposure as that in former years since 1924—*vide* Jamaica Weather Report No. 570, page 5, March, 1925.

The maximum evaporation occurred in the month of March, when a total of 10.17 inches was gauged, representing for this month a daily mean of 0.328 inch. The minimum occurred in December, giving a total of 5.10 inches and a daily mean of 0.165 inch. The total evaporation for the year was 88.12 inches, or 16.41 inches above the 10-year average. The general monthly mean for the 12 months was 7.34 inches with an average daily mean of 0.241 inch, or 0.015 inch less than in the previous year. The greatest evaporation in 24 hours was 0.47 of an inch, on the 21st March. The days which gauged the greatest amount of evaporation are indicated by bolder-faced type in the respective columns of the Table.

By way of comparison, it may be noted that the rain gauge which is installed in the vicinity of the Evaporimeter, recorded 47.50 inches for the year 1942.

At the foot of the Table are shewn the corresponding monthly normals.

Negril Point.—Another Table (C) shewing the evaporation at Negril Point, to the extreme west of Jamaica, is also appended. The maximum monthly evaporation, 6.89 inches, giving a daily mean of 0.222 inch, occurred in March, and the minimum, 4.40 inches, giving a daily mean of 0.142 inch, in December.

The total evaporation for the year was 67.28 inches, or 20.84 inches less than that of Kingston.

The general monthly mean for the year was 5.61 inches and the year's daily mean was 0.183. The greatest evaporation gauged in 24 hours was 0.35 inch on the 24th April.

The maximum daily evaporation is indicated by bolder-faced type in the respective columns of the Table.

(Sgd.) P. BRACELIN,
Instructor Commander, R.N.,
Govt. Meteorologist.

Weather Office, Kingston,
20th April, 1943.

CORRIGENDA

Weather Report No. 806, December 1942.—Page 6. Kingston—Summary of Extremes for the year, 1942:

Amend the lowest barometer reading to read 29.729, instead of 29.929.

Table (B)—Mean Rainfall for each parish for the year 1942.—Page 8:

Amend rainfall for December for St. Thomas to read 8.36 instead of 8.08, and total for the year to read 128.21 instead of 127.93.

Amend rainfall for December for St. Ann to read 19.91 instead of 20.31, and total for the year to read 89.46 instead of 89.86.

Amend rainfall for December for St. James to read 8.34 instead of 8.90, and total for the year to read 80.98 instead of 81.54.

Amend rainfall for December for Hanover to read 6.59 instead of 6.86, and total for the year to read 96.52 instead of 96.79.

Amend rainfall for December for St. Elizabeth to read 2.97 instead of 3.03, and total for the year to read 86.38 instead of 86.44.

Amend the mean rainfall for December to read 10.27 instead of 10.34, and the mean total for the year to read 99.03 instead of 99.10.

(Sgd.) P. BRACELIN,
Instructor Commander, R.N.,
Government Meteorologist.

TABLE (A)

MONTONGO BAY METEOROLOGICAL RESULTS FOR THE YEAR, 1942

(Lat. 17° 17' N. and Long. 77° 55' W.)

Month	Temperature (F)				Extreme Temperature (F.)				Dew Point and Humidity		Rainfall (inches)	Wind (approx.) Direction from				
	7 a.m.	3 p.m.	Max.	Min.	Range	Max.	Date	Min.	Date	Range		7 a.m.	3 p.m.	7 a.m.	3 p.m.	
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
January	69.6	83.9	86.9	67.2	19.7	90.5	8	63.0	25	27.5	67	76	91	78	NE	NE
February	70.0	83.5	86.4	67.1	19.3	92.0	28	64.9	2	27.1	67	76	90	79	NE	NE
March	70.7	86.8	89.2	68.2	21.0	93.5	21	65.5	5*	28.0	69	78	93	74	ESE	NE
April	73.0	85.8	89.0	70.0	19.0	91.0	16	63.5	30	27.5	71	77	93	74	E	NE
May	74.7	85.5	90.2	70.9	19.3	92.0	6	66.5	1	25.5	72	78	91	78	E	E
June	76.5	84.8	90.1	72.2	17.9	94.0	22	70.5	14	23.5	74	78	91	77	E	E
July	77.2	87.5	91.5	72.9	18.6	93.5	24	70.0	15*	23.5	74	79	91	77	E	NE
August	75.8	83.3	91.2	71.9	19.3	94.0	3	69.5	7	24.5	73	78	90	85	E	E
September	74.8	85.1	91.5	71.9	19.6	94.5	24	70.0	26*	24.5	73	79	93	83	E	E
October	73.7	84.9	90.8	71.8	19.0	92.5	10	71.0	3*	21.5	72	79	95	81	E	NE
November	74.6	86.0	89.2	71.2	18.0	92.0	3	68.0	24	24.0	73	77	93	75	E	E
December	72.3	84.0	86.9	68.5	18.4	90.5	29	65.0	14*	25.5	70	78	92	80	SE	E
Means	73.6	85.1	89.4	70.3	19.1	92.5	..	67.3	..	25.2	71	77	92	78	E	ENE
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

*And on other days.

TABLE (B) KINGSTON, 1942

Daily Record of Evaporation in inches—Evaporimeter 6 inches above ground and 102 feet above sea-level
(148½ East Street)

Date	Jan.	Feb.	Mar.	Apl.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.16	0.23	0.29	0.35	0.30	0.01	0.27	0.42	0.27	0.21	0.22	0.26
2	0.21	0.23	0.31	0.24	0.38	0.02	0.30	0.46	0.14	0.22	0.22	0.01
3	0.29	0.19	0.33	0.22	0.40	0.16	0.33	0.29	0.31	0.30	0.23	0.18
4	0.25	0.28	0.31	0.15	0.37	0.01	0.32	0.25	0.24	0.25	0.18	0.27
5	0.24	0.25	0.39	0.17	0.32	0.00	0.04	0.27	0.30	0.16	0.28	0.26
6	0.15	0.18	0.35	0.23	0.38	0.01	0.33	0.19	0.31	0.26	0.25	0.23
7	0.23	0.20	0.44	0.37	0.36	0.26	0.30	0.21	0.29	0.23	0.29	0.26
8	0.16	0.20	0.42	0.21	0.38	0.03	0.21	0.30	0.25	0.21	0.27	0.21
9	0.28	0.29	0.36	0.30	0.42	0.07	0.10	0.29	0.26	0.30	0.24	0.10
10	0.31	0.08	0.05	0.33	0.20	0.33	0.27	0.15	0.24	0.23	0.17	0.22
11	0.13	0.26	0.35	0.40	0.21	0.23	0.24	0.20	0.28	0.01	0.24	0.17
12	0.24	0.30	0.34	0.35	0.27	0.21	0.19	0.27	0.30	0.01	0.21	0.23
13	0.20	0.28	0.33	0.37	0.33	0.26	0.17	0.23	0.21	0.20	0.20	0.20
14	0.23	0.30	0.33	0.19	0.38	0.15	0.12	0.25	0.26	0.12	0.09	0.03
15	0.23	0.28	0.32	0.41	0.26	0.24	0.25	0.22	0.16	0.15	0.15	0.15
16	0.15	0.36	0.31	0.41	0.33	0.23	0.23	0.04	0.29	0.22	0.07	0.05
17	0.35	0.39	0.34	0.25	0.21	0.13	0.31	0.26	0.30	0.26	0.23	0.07
18	0.06	0.19	0.40	0.32	0.20	0.32	0.27	0.14	0.06	0.20	0.29	0.02
19	0.20	0.31	0.35	0.35	0.25	0.24	0.14	0.20	0.01	0.16	0.27	0.15
20	0.18	0.29	0.41	0.22	0.28	0.35	0.32	0.13	0.21	0.18	0.15	0.17
21	0.20	0.23	0.47	0.35	0.33	0.34	0.25	0.20	0.08	0.28	0.26	0.03
22	0.24	0.15	0.35	0.34	0.33	0.32	0.28	0.39	0.14	0.27	0.22	0.21
23	0.22	0.30	0.23	0.37	0.38	0.27	0.27	0.07	0.25	0.20	0.22	0.20
24	0.30	0.28	0.25	0.39	0.27	0.25	0.24	0.02	0.14	0.28	0.22	0.16
25	0.16	0.23	0.31	0.38	0.34	0.28	0.31	0.05	0.31	0.15	0.14	0.21
26	0.12	0.30	0.25	0.42	0.25	0.29	0.36	0.15	0.30	0.25	0.05	0.12
27	0.20	0.32	0.27	0.42	0.36	0.30	0.23	0.26	0.31	0.16	0.20	0.23
28	0.09	0.34	0.35	0.43	0.27	0.26	0.20	0.24	0.17	0.29	0.26	0.06
29	0.27	...	0.32	0.44	0.27	0.25	0.35	0.25	0.10	0.23	0.15	0.23
30	0.19	...	0.37	0.40	0.32	0.25	0.27	0.27	0.25	0.19	0.12	0.17
31	0.18	...	0.27	...	0.01	...	0.31	0.24	...	0.32	...	0.24
Total ..	6.42	7.24	10.17	9.78	9.37	6.07	7.78	6.91	6.74	6.45	6.09	5.10
Daily Means	0.207	0.259	0.328	0.326	0.302	0.202	0.251	0.223	0.224	0.208	0.203	0.165
10-year monthly Average	5.06	4.90	6.64	7.75	7.91	6.93	7.89	7.56	5.12	4.05	3.35	4.37

The total Evaporation for the year 1942 was 88.12.
The 10-year Average Evaporation is 71.71 inches.

TABLE (C) NEGRIL POINT, YEAR 1942

Daily Record of Evaporation, in inches—Evaporimeter 4 inches above ground and 27 feet above sea-level

Date	Jan.	Feb.	Mar.	Apl.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0.14	0.19	0.20	0.20	0.18	0.16	0.27	0.20	0.28	0.13	0.20	0.06
2	0.18	0.11	0.29	0.19	0.17	0.05	0.22	0.24	0.14	0.26	0.12	0.21
3	0.14	0.19	0.29	0.24	0.30	0.08	0.23	0.16	0.13	0.15	0.16	0.22
4	0.12	0.26	0.14	0.08	0.25	0.13	0.26	0.15	0.24	0.18	0.17	0.15
5	0.09	0.23	0.28	0.15	0.27	0.13	0.20	0.26	0.23	0.15	0.25	0.17
6	0.24	0.08	0.15	0.18	0.29	0.10	0.32	0.17	0.21	0.23	0.33	0.16
7	0.10	0.20	0.18	0.20	0.28	0.20	0.15	0.15	0.21	0.21	0.29	0.15
8	0.20	0.14	0.25	0.16	0.21	0.21	0.17	0.25	0.19	0.16	0.06	0.16
9	0.12	0.20	0.21	0.26	0.19	0.06	0.18	0.10	0.23	0.23	0.11	0.16
10	0.13	0.15	0.15	0.25	0.09	0.18	0.20	0.13	0.16	0.10	0.19	0.21
11	0.10	0.18	0.17	0.16	0.24	0.26	0.18	0.15	0.26	0.08	0.12	0.11
12	0.18	0.12	0.22	0.22	0.18	0.07	0.18	0.20	0.17	0.09	0.15	0.13
13	0.14	0.14	0.31	0.23	0.25	0.16	0.16	0.17	0.27	0.18	0.14	0.18
14	0.17	0.23	0.19	0.20	0.21	0.20	0.13	0.28	0.20	0.24	0.15	0.21
15	0.17	0.19	0.24	0.12	0.27	0.17	0.18	0.27	0.13	0.19	0.25	0.13
16	0.12	0.22	0.17	0.21	0.20	0.16	0.13	0.19	0.18	0.25	0.11	0.05
17	0.18	0.15	0.25	0.23	0.17	0.17	0.15	0.12	0.26	0.24	0.17	0.12
18	0.16	0.20	0.23	0.25	0.22	0.22	0.14	0.24	0.21	0.17	0.22	0.07
19	0.15	0.23	0.23	0.20	0.22	0.22	0.15	0.08	0.21	0.13	0.21	0.12
20	0.14	0.18	0.22	0.20	0.24	0.23	0.22	0.20	0.09	0.20	0.15	0.14
21	0.15	0.00	0.30	0.26	0.17	0.26	0.22	0.04	0.12	0.14	0.24	0.06
22	0.18	0.27	0.23	0.20	0.21	0.25	0.19	0.20	0.05	0.16	0.12	0.15
23	0.24	0.26	0.18	0.25	0.20	0.20	0.12	0.20	0.17	0.24	0.18	0.15
24	0.30	0.31	0.20	0.35	0.09	0.27	0.21	0.09	0.16	0.11	0.16	0.16
25	0.15	0.23	0.20	0.25	0.19	0.24	0.16	0.06	0.32	0.15	0.24	0.11
26	0.10	0.22	0.24	0.31	0.17	0.22	0.19	0.12	0.13	0.14	0.22	0.13
27	0.18	0.27	0.31	0.33	0.16	0.20	0.20	0.26	0.21	0.19	0.06	0.18
28	0.16	0.20	0.20	0.31	0.15	0.21	0.23	0.28	0.14	0.16	0.18	0.09
29	0.19	...	0.18	0.17	0.13	0.21	0.13	0.14	0.21	0.15	0.16	0.15
30	0.23	...	0.22	0.24	0.14	0.21	0.18	0.14	0.29	0.23	0.22	0.14
31	0.07	...	0.26	...	0.05	...	0.15	0.17	...	0.13	...	0.17
Total	4.92	5.24	6.89	6.60	6.09	5.43	5.80	5.41	5.80	5.37	5.33	4.40
Daily Means	0.159	0.187	0.222	0.220	0.196	0.181	0.171	0.174	0.193	0.173	0.178	0.142

The Total Evaporation for the year was 67.28.



JAMAICA

WEATHER REPORT

FOR THE MONTH OF
APRIL, 1943

The barometric pressures at all the Stations, except the Hill Gardens, are reduced to the standards of Kew 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first two standards only. Thermometers are exposed in Stevensons Screen; their readings have been corrected for instrumental errors.

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

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

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS

STATIONS	Elevation	Bar. Pressure		Temperature (F.)				Extreme Temperature (F.)					
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range	Max.	Date	Min.	Date	Range
Morant Point Light House	ft.	ins.	ins.	°	°	°	°	°	°	°	°	°	°
Kingston	29.948	29.911	78.4	82.1	84.2	74.5	9.7	87.2	28	68.0	23	19.2	
Upper Kingston	29.945	29.903	75.4	84.2	87.3	72.6	14.7	90.1	16	69.7	1	20.4	
Negril Point Light House	29.944	29.894	75.7	84.6	87.2	72.0	15.2	90.7	28	69.2	1	21.5	
Montego Bay	29.941	29.896	75.1	83.1	85.1	71.6	13.5	89.3	29*	68.4	27	20.9	
Castleton Gardens	..	..	71.8	82.1	87.3	65.1	22.2	90.5	16*	59.5	2	31.0
Hope Gardens	..	..	65.9	77.6	81.9	65.2	16.7	90.0	13*	60.3	6*	29.7
Hill Gardens, Blue Mountains	29.966	29.910	72.9	82.0	83.9	68.2	15.7	94.0	14	63.0	8	31.0	
Hill Gardens, Blue Mountains	25.204	25.147	59.6	64.1	68.6	56.4	12.2	75.0	14	53.0	23	22.0	

STATIONS	Elevation	Dewpoint and Rel. Humidity				Rainfall	Wind per diem	Wind: direction from and miles per hour				Amount of Cloud Lower, Middle and Upper					
		7 a.m.		3 p.m.				7 a.m.	3 p.m.	7 a.m.		3 p.m.		7 a.m.		3 p.m.	
Morant Point Light House	ft.	°	%	°	%	ins.	Mis.	Dir.	m.p.h.	Dir.	m.p.h.	L.	M.	U.	L.	M.	U.
Kingston	8	74	86	75	80	8.81	229	E	12.0	E	11.0	2.3	4.3	0.9	2.6	3.4	0.9
Upper Kingston	24	69	82	72	69	1.48	202	N	3.8	SE	14.9	1.1	1.1	2.1	2.7	2.6	0.9
Negril Point Light House	112	67	80	69	73	1.47	..	N	4.3	SE	11.3	1.1	1.3	1.1	2.1	2.8	1.1
Montego Bay	33	70	84	70	66	5.13	134	ENE	4.3	ESE	8.6	2.0	0.4	1.8	4.3	2.3	0.4
Castleton Gardens	33	69	90	75	77	3.65	..	E	..	NE	..	..	..	..	..	..	..
Hope Gardens	496	68	94	76	94	12.85	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens, Blue Mtns.	663	67	84	76	72	1.27	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens, Blue Mtns.	4900	56	88	60	88	6.58	..	..	..	..	..	..	..	..	..	..	..

NOTES

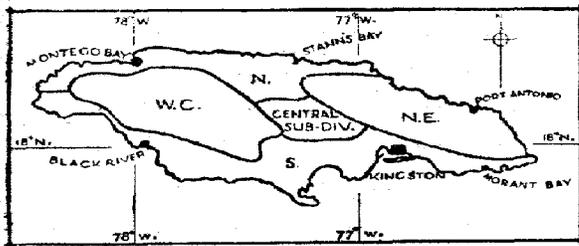
- (1) Kingston—As from 1st January, 1943, temperatures are taken from Thermometers located at Winchester Park.
 - (2) Hope Gardens—Observations are taken at 9 a.m. and 3 p.m.
 - (3) Montego Bay—Observations are taken at 8 a.m. and 3 p.m.
- * —And on other day.

THE RAINFALL

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last columns contain the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1939". In obtaining the mean rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last columns that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

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

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica", following page 27, 1911 Edition, and of page 33 of 1934 Edition, an outline of which is given below.



April, 1943.

STATIONS	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Amount	Date		
NORTH-EASTERN DIVISION (N.E.)					
Manchioneal	13.59	4.17	4	12	7.04
Ecclesdown	28.62	9.15	3	20	..
Priestman's River	16.12	4.43	4	13	5.53
Bath	14.38	3.25	30	18	6.45
Barrett's Gap	28.29	6.67	4	16	..
Millbank	18.80	5.58	4	13	13.96
Bowden Pen	30.32	6.23	3	16	..
Moore Town	27.45	4.35	6	16	11.58
Port Antonio	9.61	2.28	7	12	6.85
Passley Garden	6.45	1.55	7	14	7.14
Fellowship	16.66	3.57	4	15	9.53
Johnson River Br.	5.21	1.35	2	10	4.10
Trinity Ville	5.86	1.03	1	11	3.72
Fruitful Vale	25.57	4.40	4	12	..
Shrewsbury	27.83	6.30	29	10	9.98
Hope Bay	11.36	3.12	4	10	8.07
Cedar Valley	6.21	1.83	2	15	3.91
Swift River	35.44	10.45	4	10	..
Lennox	..	..	..	..	7.77
Greenvale	23.56	4.50	5	15	10.55
Darley	13.89	2.02	5	16	..
Spring Garden	12.02	2.40	5	8	5.64
Hill Gardens	6.58	1.50	30	14	5.60
Buff Bay	9.33	2.33	5	9	6.50
Buff Bay R. Est.	19.98	4.55	29	9	..
Belvedere, Portland	18.42	5.90	5	9	7.02
Windsor Castle, do	7.91	2.59	6	11	6.05
Balcarres	32.08	10.82	6	13	7.22
Mt. Holstein	15.17	3.28	4	13	7.26
Cedar Hurst	..	..	..	..	7.22

April, 1943

STATIONS	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Amount	Date		
NORTH-EASTERN DIVISION, contd.					
Hardware Gap	5.59	0.85	4	13	6.51
Rose Hill	5.84	1.26	23	18	6.81
Mount Cressy	12.37	3.50	6	15	..
Hermitage	4.27	0.87	30	16	4.36
Mount Airy	9.04	1.89	6	14	..
Stony Hill	3.45	0.75	7	12	5.22
Golden Spring	6.23	1.92	27	15	..
Brandon Hill	10.28	1.80	7	13	..
Enfield	21.19	9.50	5	7	9.41
Agualta Vale	7.97	3.30	5	8	4.96
Castleton Gardens	12.85	3.20	7	9	6.93
Water Valley	8.64	3.10	7	9	4.84
Albany	..	..	..	..	4.84
Platfield	..	..	..	..	..
Lawrence Tavern	5.41	1.03	6	10	4.80
Wey Hill	8.34	1.45	6	11	..
Richmond, St. Mary	9.86	3.80	5	9	4.77
Quebec, St. Mary	5.82	1.12	29	9	4.04
Above Rocks	4.99	1.25	7	12	..
Glengoffe	5.95	1.40	7	6	..
Carew Castle	8.67	2.20	30	10	5.16
Hampstead, St. Mary	10.05	2.50	6	10	5.66
Windsor Castle do.	15.21	3.98	6	12	6.89
Troja	16.33	3.60	6	13	6.71
Pear Tree Grove	16.10	7.30	6	7	5.48
Guy's Hill	15.75	4.10	6	11	5.45
Lucky Hill	10.97	3.66	5	11	4.95
Rio Hoc	14.55	4.24	5	9	4.95
Unity Valley	12.31	4.12	3	12	5.42
Moneague	16.27	5.20	3	14	4.99
Claremont	10.10	2.90	5	11	4.53
Averham Park	15.92	4.31	6	17	4.91
Albion	11.40	1.91	3	12	4.91
NORTHERN DIVISION (N)					
Port Maria	4.14	0.99	1	11	4.13
Wentworth	1.80	1.35	3	8	..
Jacks River	6.71	1.00	7	12	..
Oracabessa	..	..	..	..	4.72
Retreat	5.71	1.05	7	9	..
Huddersfield	4.90	1.54	13	5	3.43
Exchange	1.64	0.60	27	4	..
Ocho Rios	5.68	1.65	5	7	3.51
Rockfield	11.27	3.31	5	14	5.08
Liberty Hill	4.67	1.55	4	9	4.00
St. Ann's Bay	4.53	1.12	5	14	3.87
Richmond Estate	6.07	2.37	5	10	3.55
Runaway Bay	7.44	3.41	5	8	1.96
Thatchfield	18.64	8.52	5	16	..
Knapdale	15.35	4.87	5	16	5.80
Alexandria	4.31	0.92	3	10	3.88
Bel-Air	10.40	4.95	5	11	4.15
Brown's Town	18.63	8.15	5	16	3.98
Wilton	10.22	4.23	5	13	..
Watt Town, St. Ann	8.62	1.29	1	15	4.08
Home Castle	14.22	8.00	5	7	3.51
Stewart Town	15.40	3.52	4	9	..
Arcadia	13.20	4.90	5	8	2.73
Vale Royal	12.28	3.22	5	11	2.98
Harmony Hall	..	..	..	..	2.24
Duncans	8.36	3.60	4	9	3.20
Clark's Town	14.63	3.58	5	15	4.02
Gibraltar	12.41	2.87	4	14	..
Falmouth	11.07	4.05	5	12	2.20

STATIONS	April, 1943					STATIONS	April, 1943					
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average	
		Amount	Date					Amount	Date			
	Ins.	Ins.	Date	Ins.		Ins.	Ins.	Date	Ins.			
NORTHERN DIVISION, contd.					WEST-CENTRAL DIVISION, contd.							
Maroon Town	Wait-a-bit	..	13.57	2.90	30	16		
Adelphi	..	14.96	6.00	3	10	Christiana	..	8.79	2.55	30	13	
Windsor Lodge	..	18.15	9.00	3	13	Holmwood	..	8.73	2.00	28	9	
Latium	..	14.95	4.25	3	12	Clifton Hill	..	6.54	3.45	2	3	
Barrett Hall	Kendal, Manchester	..	10.70	2.94	3	11	
Success	..	13.76	3.75	31	13	1.95	Mereworth	..	14.94	5.80	2	17
Cornwall	..	15.98	4.00	31	11	Mandeville	..	11.75	1.90	30	13	
Rose Hall	..	12.62	3.75	31	13	1.94	Ulster Spring	..	9.99	1.80	3	15
Cinnamon Hill	..	12.13	3.60	31	14	2.01	Greenvale	..	8.19	1.70	30	14
Tryall	..	12.90	2.90	31	10	2.69	Albert Town	..	9.64	1.90	9	13
Running Gut	..	12.92	3.75	31	14	1.88	Craig Head	..	9.10	3.65	23	9
Spring Estate	..	14.60	3.75	31	10	1.67	Warsop	..	6.95	0.85	27	15
Friendship	..	14.15	2.90	3	14	3.87	Troy	..	8.49	1.25	19	11
Irwin	..	11.84	4.25	3	14	2.81	Wallingford	..	10.49	4.45	30	14
Retirement	..	14.43	3.25	3	15	4.74	Balaclava	..	9.86	4.00	30	12
Montego Bay	..	12.63	3.41	3	17	3.20	Braes River	..	11.32	3.91	27	13
Anchovy	..	10.87	1.90	2	14	3.23	Wakefield	..	14.19	2.30	2	14
Hopewell	..	12.53	2.60	3	13	..	Appleton	..	9.04	2.65	30	15
Blue Hole	..	12.62	2.19	2	13	4.01	Aberdeen	..	7.72	2.91	30	14
Cascade	..	22.68	4.50	22	16	..	Accompong	..	10.52	2.05	29	15
Lucea	..	12.00	2.91	2	19	3.63	Maggotty	..	7.27	1.20	12	14
Haughton Court	..	22.68	4.50	22	16	3.55	Lacovia	..	5.08	1.45	4	9
Kendal—Hanover	..	18.47	2.70	23	18	..	Mulgrave	..	11.18	1.70	30	15
Cousin's Cove	..	12.08	4.25	2	20	6.45	Holland	..	9.82	1.95	4	15
Blenheim	..	10.92	3.07	2	19	..	Ipswich	..	10.45	1.99	30	14
Green River	..	12.49	3.05	30	13	..	Ginger Hill	..	8.75	1.70	30	11
Green Island	..	10.66	1.94	2	17	5.51	Kempshot	..	20.28	4.70	3	14
Haughton Hall	..	11.93	2.72	2	20	5.42	Maldon	..	..	..	..	..
CENTRAL SUB-DIVISION.					SOUTHERN DIVISION, (S).							
Knollis	..	4.24	2.00	5	6	5.25	Mocho, St. James	..	9.11	3.08	2	18
Highgate (St. Cath.)	..	5.35	1.28	5	11	5.91	Garlands	..	..	..	..	10.89
Rio Magno	..	13.67	2.40	6	12	5.61	Mocho, St. James	..	8.66	2.20	2	11
Riversdale	..	11.06	2.50	22	13	5.79	Catadupa	..	7.72	2.17	2	16
Headworks, R.C.C.	..	2.19	0.88	7	6	3.59	Cambridge	..	7.61	2.29	7	12
Bog Walk	..	5.09	2.30	5	11	4.51	New Market	..	9.36	2.10	30	11
Linstead	..	4.84	1.17	2	7	1.10	Springfield	..	13.07	4.09	30	17
Ewarton	..	6.53	1.75	3	10	..	Seaford Town	..	..	..	..	..
Greenock	..	10.55	3.60	30	11	..	Petersville	..	..	..	..	7.19
Cave Valley	..	9.93	3.95	30	13	4.83	Kew Park	..	13.02	2.06	22	17
Guanaboa Vale	..	3.67	1.80	3	5	4.68	The Bog	..	11.74	2.50	17	14
Point Hill	..	5.53	1.37	30	9	5.52	Exeter	..	10.94	4.10	30	16
Brown's Hall	..	7.46	0.86	1	12	4.17	Bethel Town Dist.	..	12.59	2.20	22	14
Bellas Gate	..	6.36	2.59	30	10	3.13	Copse	..	..	..	..	5.91
Rock River	..	2.93	0.65	7	5	3.63	Burnt Ground	..	13.62	2.32	2	16
Croft's Hill	..	3.67	0.87	28	10	4.44	Haughton Grove	..	17.82	4.03	30	18
Kellitits	..	5.21	1.71	30	11	..	Knockalva	..	..	..	..	7.49
Suttons	..	4.54	1.28	3	10	4.37	Darliston	..	11.15	2.50	30	12
Colonel's Ridge	..	3.36	1.16	28	11	..	Whithorn	..	9.68	2.55	2	8
Chapelton	..	4.11	1.08	28	12	3.85	Water Works Pen	..	9.35	1.85	25	14
Crooked River	..	4.51	1.13	30	11	5.61	Williamsfield, WLD.	..	14.42	5.00	17	10
James Hill	..	6.11	1.36	5	12	..	Petersfield	..	8.02	1.61	1	12
Frankfield	..	7.59	2.40	28	13	4.58	Bauk	..	11.79	2.95	22	14
WEST-CENTRAL DIVISION (W.C.)					MORANT POINT L. H.							
Mocho, Clarendon	..	11.50	4.82	6	12	4.92	Golden Grove	..	10.51	2.50	30	11
Thompson Town	..	6.71	1.55	30	10	..	Pleasant Hill	..	10.28	2.76	4	16
Porus	..	6.50	2.60	30	8	..	East Prospect	..	9.55	1.90	3	11
Borobridge	..	11.49	3.00	28	10	..	Morant Bay	..	4.53	1.16	3	9
Spaldings	..	10.33	3.13	28	13	5.03	Lloyds	..	2.50	0.58	2	9
Williamsfield	..	12.20	4.36	28	13	5.32	Yallahs	..	1.93	0.83	2	4
Brokenhurst	..	13.01	5.73	2	12	5.40	Easington	..	2.11	0.83	1	7
Shooter's Hill	..	10.95	3.40	28	13	4.73	..	..	..	..	..	1.95

STATIONS	April, 1943					STATIONS	April, 1943				
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Ins.	Ins.					Date	Ins.		
SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.	SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.
Mavis Bank	6.84	1.54	28	9	2.93	Cottage	6.81	1.86	29	10	3.46
Harbour Head	1.67	1.30	29	3	0.86	Pennants	5.03	1.16	5	11	
Dallas Castle	3.64	1.12	6	10	3.06	Belle Plain	9.37	1.96	7	12	4.86
Gordon Town	5.06	2.10	28	9	3.37	Milk River	4.68	2.22	2	9	2.45
Irish Town	5.70	0.90	4	10	3.94	Retrieve	8.23	2.30	2	9	3.37
Hope Gardens	1.27	0.37	30	9	2.93	Stone's Hope	8.11	2.04	2	14	4.30
Bamboo Pen	1.14	0.33	4	9		Newport, Man.	11.55	3.23	2	15	4.78
Plumb Point L.H.	0.08	0.08	28	1	1.13	Alligator Pond	2.48	0.72	25	5	3.07
King's House Gar.	1.01	0.27	29	7	2.50	Myersville	4.25	1.50	30	3	
Up-Park Camp	1.66	0.43	6	11		Goshen	9.18	3.01	30	8	
Cavaliers	1.59	0.40	6	10		Bull Savannah	2.40	0.47	2	8	
St. George's College	2.04	0.91	6	10		Munro	6.47	2.04	29	12	4.36
Upper Kingston	1.47	0.27	3	10	1.07	Windsor, St. Eliz.	4.30	1.10	20	13	5.05
Parade Garden	1.61	0.83	6	4		Torrington	3.94	1.18	6	7	4.80
Kingston P.W.O.	1.48	0.80	29	8	1.01	Santa Cruz	10.68	2.97	4	16	8.67
Shortwood College	1.93	0.85	28	6		Hounslow	2.85	0.74	6	7	
Constant Spring	3.75	1.11	28	12		Pedro Plains	1.97	1.07	6	4	2.76
Halfway Tree	0.35	0.19	7	2	1.90	Mountainside	3.75	2.00	4	7	5.17
Clifton Pen	0.88	0.28	17	6	1.71	Fort Charles	2.02	1.47	26	2	2.46
Twickenham Pen	1.07	0.43	6	5		Black River	5.08	1.74	4	7	3.92
Red Hills	3.34	1.02	5	11	4.16	Mt. Charles	6.15	1.54	7	15	
Quarantine Station	3.01	1.40	1	8	1.33	Mount Edgecombe	9.12	1.99	4	12	5.51
Hematine	4.43	1.90	29	4	2.47	Bluefields	9.80	2.83	7	10	
Spanish Town	4.53	1.53	29	10	2.34	Sav.-la-Mar	6.10	2.73	1	9	4.98
Hog Hole, St. Cath.	3.00	1.11	7	10	3.18	Little London	8.54	1.46	4	9	5.99
Old Harbour	4.14	1.03	7	8	3.14	Retreat	7.03	1.70	7	13	4.99
May Pen	4.85	1.62	3	12	3.14	Sheffield					
Glen Muir	4.00	2.00	29	3	3.70	Negril Point L.H.	5.13	2.87	7	10	3.25

NOTES

COMPARATIVE TABLE OF RAINFALL AND DAYS ON WHICH RAIN FELL

DIVISIONAL AND ISLAND RAINFALL	April			
	Rainfall, inches		Days on which Rain fell	
	1943	Ave.	1943	Ave.
North-eastern	12.65	6.40	12	10
Northern	9.47	3.52	12	7
West-Central	10.84	7.09	13	11
Southern	4.95	3.44	9	7
The Island means	9.45	5.11	11	9

SHOCKS OF EARTHQUAKE IN APRIL, 1943

Date	Standard Time. (Approx.)	Intensity	Notes, where, etc.
None reported			

N.B.—IT IS PARTICULARLY REQUESTED THAT ALL RAINFALL POST CARDS BE SENT IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE ISLAND—APRIL

The mean rainfall for the Island was 9.45 inches, or 4.34 inches above the 70-year average of 5.11 inches. The Divisional Means were also above their averages in all Divisions, especially the North-eastern and Northern Divisions.

The greatest fall for the month was 35.44 inches, at Swift River, in the North-eastern Division, and the greatest fall in 24 hours was 10.82 inches, at Balcarres, also in the North-eastern Division.

The mean number of rain days was 11, the average for the month being 9. The greatest number of rain days, 20, was recorded at Ecclesdown, in the North-eastern Division, and at Cousins Cove and Haughton Hall, both in the Northern Division.

The mean rainfall in each parish is given below. The 10-year average is also shown for comparison:—

Parish	1943	10-year Average
	Inches	Inches
Kingston	1.33	1.08
St. Andrew	4.26	4.45
St. Thomas	8.47	4.67
Portland	19.09	10.45
St. Mary	8.94	6.63
St. Ann	10.55	5.62
Trelawny	11.55	5.18
St. James	13.29	5.21
Hanover	14.63	6.13
Westmoreland	9.98	7.85
St. Elizabeth	7.09	6.97
Manchester	9.48	5.08
Clarendon	6.15	4.48
St. Catherine	7.18	4.93

Portland, with 19.09 inches, was highest; Hanover, with 14.63 inches, was next and St. James, with 13.29 inches, was third. Kingston, with 1.33 inches, was lowest.

CITY OF KINGSTON

The total rainfall for the month of April was 1.48 inch, or 0.47 inch above the 70-year normal of 1.01 inch. There were 8 days with appreciable rain. The Upper Boundary of Kingston gauged 1.47 inch, with 10 rain days.

Distant rain was observed to the north on 2 occasions, to northeast on 4 and to northwest on 2 occasions.

The mean barometric pressure was 29.931 inches, or .010 inch below the 33-year normal of 29.941 inches. Highest barometric reading was 30.024 inches, on the 21st, at 3 p.m., and the lowest was 29.858 inches, on the 11th at 7 a.m., corrected for diurnal variation.

The mean temperature for the month was 79.4°, or 1.2° above the normal of 78.2°. The highest maximum was 90.1°, on the 16th, and the lowest minimum was 69.7°, on the 1st, giving an extreme monthly range of 20.4°. On the other hand, the lowest maximum was 83.5°, on the 3rd, and the highest minimum was 74.9°, on the 27th. The greatest range, 18.5°, was recorded on the 15th, and the least, 10.0°, was recorded on the 3rd. The maximum temperature rose to 90° and above on 1 occasion, and the minimum was 70° and above on 29 occasions.

The mean daily miles of wind recorded was 202, or 7% above the 25-year normal of 188. The greatest number of miles of wind recorded in 24 hours was 369, on the 19th, and the least was 102, on the 7th. Greatest velocity, of short duration, was 36 miles per hour, on the 8th, at about 1.45 p.m. Southeast wind prevailed early on 2 occasions, late 17, and continued throughout the night on 2 occasions.

The mean relative humidity was 80% or 2% above the 33-year normal of 78%. Mean 7 a.m. was 82%, and mean 3 p.m. 69%. Lowest 3 p.m. 57%, on the 16th.

Overcast conditions prevailed in the forenoon on 9 occasions, and in the afternoon on 11.

Total evaporation was 8.55 inches, the 10-year normal being 7.75 inches.

Mean daily number of sunshine hours was 8.4.

SOLAR HALO

A complete Solar Halo was visible on the 24th, from about 11.15 a.m. to about noon.

(Sgd.) P. BRACELIN,
Instructor Commander, R.N.,
Government Meteorologist.

Weather Office, Kingston,
20th May, 1943.

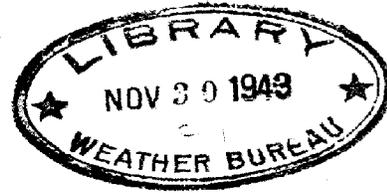
PALISADES, JAMAICA—METEOROLOGICAL RESULTS FOR THE YEAR 1942

Latitude 17° 56' N. Longitude 76° 47' W. Height above M.S.L. 19 ft. All times E.S.T.

Month	Air Temperature at Station Level (°F)						Sunshine				Cloud Amount*		Rainfall†					
	Means			Extremes			Monthly			Daily Mean Hours	Daily Mean Tenths of sky covered	Total. mm.	Daily Amount mm.	Mean Duration Hours	Max. in one Day. mm.	Days of Rain		
	Daily	Max.	Min.	Range	Max.	Min.	Range	A.M. Hours	P.M. Hours								Total Hours	% of Possible
	Max.	Min.	Range	Max.	Min.	Range												
January	79.5	86.3	72.7	13.6	90	70	20	135.5	105.1	240.6	69	7.8	3.3	47.0	1.5	0.5	34.4	9
February	79.8	86.1	73.5	12.6	90	70	20	126.6	112.7	239.3	74	8.5	3.0	8.8	0.3	0.1	5.4	3
March	81.4	87.2	75.5	11.7	91	73	18	161.2	146.0	307.2	82	9.9	3.0	0.4	0.0	0.0	0.3	1
April	81.4	87.5	75.4	12.1	90	72	18	140.5	142.8	283.3	75	9.4	4.8	14.6	0.5	0.2	13.5	4
May	82.7	88.3	77.0	11.3	91	72	19	143.6	86.8	230.4	58	7.4	5.1	109.7	3.5	0.7	57.3	3
June	81.4	86.6	76.2	10.4	91	72	19	116.4	94.8	211.2	53	7.0	6.5	482.6	16.1	2.5	210.1	10
July	83.5	89.4	77.6	11.8	93	73	20	142.3	108.8	251.1	62	8.1	5.2	11.4	0.4	0.2	5.3	7
August	82.3	88.0	76.6	11.4	92	72	20	121.6	92.5	214.1	55	6.9	6.6	144.6	4.7	1.4	60.2	12
September	82.5	88.4	76.6	11.8	91	73	18	134.1	102.1	236.2	64	7.9	5.8	135.5	4.5	0.7	59.5	8
October	82.0	87.9	76.1	11.8	91	72	19	147.8	107.7	255.5	72	8.2	4.5	198.3	6.4	1.0	100.6	10
November	81.4	87.4	75.4	12.0	91	72	19	126.1	109.3	235.4	69	7.8	4.5	14.8	0.5	0.2	9.1	2
December	79.8	86.3	73.2	13.1	90	68	22	109.0	102.5	211.5	62	6.8	4.8	69.8	2.3	0.7	42.4	9
Mean	81.5	87.5	75.5	12.0	..	..	..	133.7	109.3	243.0	66	8.0	4.8	103.1	3.4	..	..	6.5
Total	..	..	..	..	..	..	..	1604.7	1311.1	2915.8	..	..	..	1237.5	..	..	..	78
Extremes	..	..	..	..	93	68	22	161.2	146.0	307.2	82	..	..	482.6	..	..	210.1	12

* Mean of observations at 0700, 1000, 1300, and 1900 from Feb. 18th No. 1900 observations before Feb. 18th.

† Day reckoned from midnight to midnight. A day is reckoned as a day of rain if not less than 0.2 mm. rain fell between midnight and midnight.



JAMAICA WEATHER REPORT

FOR THE MONTH OF
MAY, 1943

The barometric pressures at all the Stations, except the Hill Gardens, are reduced to the standards of Kew 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first two standards only. Thermometers are exposed in Stevensons Screen; their readings have been corrected for instrumental errors.

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

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

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS

STATIONS	Elevation	Bar. Pressure		Temperature (F.)			Extreme Temperature (F.)						
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range	Max.	Date	Min.	Date	Range
	ft.	ins.	ins.	°	°	°	°	°	°				°
Morant Point Light House	8	29.949	29.919	79.8	82.1	84.3	76.7	7.6	86.9	18	71.4	1	15.5
Kingston	24	29.937	29.908	77.0	84.2	88.2	73.1	15.1	91.8	9	70.5	5	21.3
Upper Kingston	110	29.938	29.901	77.2	84.2	88.0	72.5	15.5	91.4	23	70.0	17	21.4
Negril Point Light House	33	29.942	29.899	76.6	83.0	87.0	71.6	15.4	90.0	2	69.3	15	20.7
Montego Bay	33	..	..	73.3	85.3	90.5	69.3	21.2	92.5	30	67.5	1	25.0
Castleton Gardens	496	..	..	65.6	78.7	84.1	65.1	19.0	90.0	23	61.0	2*	29.0
Hope Gardens	668	29.960	29.897	74.2	86.0	87.4	69.1	18.3	94.0	27	64.0	20	30.0
Hill Gardens, Blue Mountains	4,900	25.196	25.162	60.5	63.6	69.6	57.3	12.3	73.0	8*	53.0	19	20.0

STATIONS	Elevation	Dewpoint and Rel. Humidity		Rainfall	Wind per diem	Wind: direction from and miles per hour		Amount of Cloud Lower, Middle and Upper									
		7 a.m.	3 p.m.			7 a.m.	3 p.m.	7 a.m.	3 p.m.	L.	M.	U.	L.	M.	U.		
	ft.	°	%	ins.	Mls.	Dir.	m.p.h.	Dir.	m.p.h.	L.	M.	U.	L.	M.	U.		
Morant Point Light House	8	71	75	77	85	6.07	337	E	15.0	E	14.0	3.6	3.9	0.8	3.1	3.7	1.1
Kingston	24	69	77	72	68	2.53	215	N	5.2	SE	17.3	2.2	0.3	2.5	3.1	2.1	1.1
Upper Kingston	110	69	77	72	68	3.49	..	N	4.3	SE	10.7	1.7	0.6	2.0	2.0	1.5	2.9
Negril Point Light House	33	71	80	74	72	12.26	129	ENE	4.4	SE	7.4	0.3	1.3	3.3	5.8	0.7	0.3
Montego Bay	33	70	90	79	79	3.65	..	E	..	NE	..	..	..	..	..	..	..
Castleton Gardens	496	63	94	77	93	19.40	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	69	84	75	72	3.56	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens, Blue Mtns.	4,900	56	87	61	92	12.23	..	..	..	..	..	..	..	..	..	..	..

NOTES

(1) Kingston—As from 1st January, 1943, Temperatures are taken from Thermometers located at Winchester Park.

(2) Hope Gardens—Observations are taken at 9 a.m. and 3 p.m.

(3) Montego Bay—Observations are taken at 8 a.m. and 3 p.m.

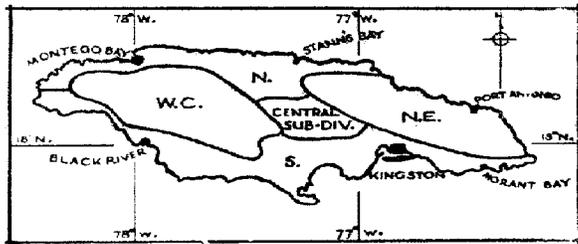
* And on other days.

THE RAINFALL

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last columns contain the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1939". In obtaining the mean rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last columns that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

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

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica", following page 27, 1911 Edition, and of page 33 of 1934 Edition, an outline of which is given below.



May, 1943

STATIONS	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Amount	Date		
NORTH-EASTERN DIVISION (N.E.)	Ins.	Ins.			Ins.
Manchioneal	18.06	6.17	19	16	12.33
Ecclesdown	28.22	7.65	19	22	
Priestman's River	27.83	9.40	19	21	9.34
Bath	12.70	2.60	18	17	12.00
Barrett's Gap	23.26	1.19	19	24	
Millbank	42.23	4.83	5	19	16.29
Bowden Pen	44.45	7.45	15	23	
Moore Town	38.57	4.52	19	18	16.54
Port Antonio	13.76	5.50	18	15	13.24
Passley Garden	26.89	8.01	19	17	9.70
Fellowship	38.06	9.27	19	18	15.65
Johnson River Br.	7.17	1.88	19	9	8.91
Trinity Ville	7.21	1.75	18	10	5.64
Fruitful Vale	29.99	5.08	19	17	
Shrewsbury	30.09	4.72	19	20	13.52
Hope Bay	26.49	6.61	19	14	9.94
Cedar Valley	6.91	1.77	19	14	8.60
Swift River	35.64	6.92	19	19	
Lennox	27.05	4.60	4	19	10.26
Greenvale	22.29	6.03	19	13	10.49
Darley	25.53	7.14	19	16	
Spring Garden	22.21	4.81	19	12	6.85
Hill Gardens	12.26	2.86	4	19	9.40
Buff Bay	22.75	5.25	5	14	8.09
Buff Bay R. Est.	20.97	5.75	19	15	
Belvedere, Portland	20.43	5.82	19	14	7.36
Windsor Castle, do.					6.55
Balcarres	33.01	5.97	19	16	12.01
Mt. Holstein	18.13	3.47	19	18	10.34
Cedar Hurst	13.11	2.28	19	18	9.08

STATIONS	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Amount	Date		
NORTH-EASTERN DIVISION, contd.	Ins.	Ins.			Ins.
Hardware Gap	14.61	2.50	4	11	11.82
Mt. Pleasant	45.65	9.00	19	13	
Rose Hill	11.90	1.94	19	19	12.37
Mount Cressy	15.50	2.55	5	15	
Hermitage	10.22	1.80	4	19	11.69
Mount Airy	14.03	3.91	3	15	
Stony Hill	7.79	1.28	19	17	8.46
Golden Spring	11.79	1.88	3	17	
Brandon Hill	12.17	3.88	3	8	
Enfield					10.90
Agualta Vale	16.41	4.15	4	11	6.04
Castleton Gardens	19.40	5.90	3	12	12.67
Water Valley	16.65	3.50	19	11	6.99
Albany					7.03
Platfield					
Lawrence Tavern	11.97	3.22	19	16	9.83
Wey Hill	9.26	2.40	3	11	
Richmond, St. Mary	15.32	3.90	4	12	7.69
Quebec, St. Mary	16.55	3.90	19	13	6.47
Above Rocks	8.99	1.75	19	19	
Glengoffe	8.82	2.65	3	11	
Carew Castle	9.75	1.40	23	14	10.67
Hampstead, St. Mary	14.75	3.60	19	13	7.32
Windsor Castle do.	14.82	2.74	3	19	8.66
Troja	14.91	2.76	4	13	10.67
Pear Tree Grove	12.58	2.50	19	10	8.07
Guy's Hill	8.94	1.85	19	13	7.84
Lucky Hill	12.75	2.47	19	14	8.15
Rio Hoc	10.57	3.00	19	12	7.98
Unity Valley	12.85	3.87	19	15	8.35
Monceague	11.28	3.59	19	14	8.55
Claremont	10.58	3.25	19	12	7.32
Averham Park	12.92	3.22	19	17	7.26
Albion	10.05	2.36	19	15	8.45
NORTHERN DIVISION (N)					
Port Maria	17.83	4.14	7	15	6.33
Wentworth					
Jacks River	18.37	3.65	8	11	
Oracabessa					8.48
Retreat	21.68	3.70	5	14	
Huddersfield	22.86	5.86	6	15	6.75
Exchange	11.05	3.85	6	8	
Ocho Rios	8.13	1.80	8	8	5.69
Rockfield	10.17	1.92	5	17	6.34
Liberty Hill	4.99	1.08	4	8	4.97
St. Ann's Bay	12.73	3.92	6	13	5.65
Richmond Estate	9.69	2.68	6	12	5.94
Runaway Bay	5.02	0.90	17	7	3.17
Thatchfield	10.12	3.32	3	11	
Knapdale	11.09	5.12	3	12	8.86
Alexandria	6.40	1.45	19	13	7.14
Bel-Air	6.90	1.20	19	10	6.54
Brown's Town	8.75	2.70	3	12	8.76
Wilton	7.27	3.42	3	10	
Watt Town, St. Ann	11.05	1.79	17	13	7.47
Home Castle	9.27	4.32	4	7	6.08
Stewart Town	7.37	2.74	12	12	
Arcadia	4.38	1.85	3	8	5.11
Vale Royal	4.68	1.61	3	11	5.90
Harmony Hall					4.50
Duncans	3.56	0.95	19	9	4.82
Clark's Town	5.77	1.74	2	14	7.30
Gibraltar	5.23	1.20	19	11	
Falmouth	2.17	0.77	3	6	4.40

STATIONS	May, 1943					STATIONS	May, 1943				
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Ins.	Ins.					Date	Ins.			Ins.	Date
NORTHERN DIVISION, <i>contd.</i>	Ins.	Ins.			Ins.	WEST-CENTRAL <i>Division, contd.</i>	Ins.	Ins.			Ins.
Maroon Town	..	..	..	..	..	Wait-a-bit	.. 9.89	3 25	18	14	..
Adelphi	.. 3.53	1.62	17	9	..	Christiana	.. 10.80	2 87	19	11	10.56
Windsor Lodge	.. 2.03	1.00	24	4	..	Holmwood	.. 11.39	3 28	19	15	..
Latium	.. 4.06	1.22	17	10	..	Edge Hill	.. 11.45	5.75	19	8	..
Barrett Hall	..	..	..	..	..	Kendal, Manchester	.. 13.00	3 90	19	18	10.06
Success	.. 1.77	0.35	3	7	4.48	Mereworth	.. 14.60	5 15	19	14	10.74
Cornwall	.. 3.17	0.70	24	9	..	Mandeville	.. 10.99	3.56	19	14	9.97
Rose Hall	.. 1.56	0.45	12	7	4.60	Ulster Spring	.. 10.51	2 00	19	18	11.93
Cinnamon Hill	.. 0.94	0.30	3	7	4.97	Greenvale	.. 9.94	2 20	19	13	9.53
Tryall	.. 2.25	1.05	17	9	6.07	Albert Town	.. 7.08	1 30	30	9	11.09
Running Gut	.. 3.28	1.11	17	8	4.96	Craig Head	.. 6.77	2 64	19	7	..
Spring Estate	.. 3.00	1.20	17	9	4.28	Warsop	.. 11.05	2 00	1	15	14.72
Friendship	.. 3.34	0.90	8	13	8.04	Troy	.. 11.65	2 91	1	11	15.03
Irwin	.. 2.44	0.61	3	10	8.30	Wallingford	.. 11.41	1 75	3	16	13.35
Retirement	.. 3.96	0.98	3	12	8.71	Balacava	.. 11.11	2 00	13	15	12.59
Montego Bay	.. 3.65	1.06	24	10	7.18	Braes River	.. 9.94	1 60	12	15	..
Anchovy	.. 4.39	1.16	8	13	7.46	Wakefield	.. 5.75	2 22	17	8	9.92
Hopewell	.. 5.20	1 06	17	13	..	Appleton	.. 6.86	1 26	13	16	13.35
Blue Hole	.. 4.38	1.12	17	7	10.56	Aberdeen	.. 6.37	1 57	3	18	..
Cascade	.. 6.21	1.20	24	11	..	Accompong	.. 12.60	2 70	24	15	..
Lucea	.. 3.91	1.32	18	9	8.32	Maggotty	.. 12.18	1 68	2	18	13.43
Haughton Court	.. 3.66	2 20	25	4	8.97	Lacovia	.. 10.73	1 55	13	13	11.26
Kendal—Hanover	.. 11.71	2 20	24	16	..	Mulgrave	.. 13.37	1 52	3	21	..
Cousins Cove	.. 6.00	2 52	24	15	9.12	Holland	..	..	..	..	..
Blenheim	.. 4.92	1 75	8	10	..	Ipswich	.. 11.40	2 21	2	15	..
Green River	.. 8.45	1 82	26	11	..	Ginger Hill	.. 12.71	2 00	2	17	..
Green Island	.. 7.57	1 95	20	13	8.80	Kempshot	.. 6.59	1 59	23	13	10.37
Haughton Hall	.. 7.58	2 20	20	17	7.67	Maldon	..	..	..	..	..
CENTRAL SUB-DIVISION						Garlands	.. 11.11	1 80	24	21	..
Knollis	.. 5.58	2 01	19	6	9.77	Mocho, St. James	..	..	..	..	18.60
Highgate (St. Cath.)	.. 5.57	1 75	19	13	10 21	Catadupa	.. 7.25	1 48	1	19	16.10
Rio Magno	.. 10.63	2 09	19	8	8.39	Cambridge	.. 8.34	1 83	8	17	13.60
Riversdale	.. 14.20	2 50	3	12	8.78	New Market	.. 8.66	2 04	23	15	13.50
Headworks, R.C.C.	.. 5.52	1 54	19	13	7.16	Springfield	.. 10.82	1 85	2	16	..
Bog Walk	.. 6.67	2 24	19	5	9.20	Seaford Town	.. 11.98	2 60	1	17	..
Linstead	.. 7.52	2 54	19	10	9.37	Petersville	..	..	..	..	11.18
Ewarton	.. 8.68	3 00	19	11	..	Kew Park	.. 6.93	1 40	9	17	13.47
Greenock	.. 11.29	3 60	19	11	..	The Bog	.. 11.94	2 03	1	21	14.29
Cave Valley	.. 11.71	3 12	19	15	9.36	Exeter	.. 19.41	0 36	2	20	..
Guanaboa Vale	.. 0.78	0 60	4	4	6.59	Bethel Town Dist.	.. 8.82	2 75	1	12	17.36
Point Hill	.. 9.47	2 65	19	13	11.32	Copse	..	..	..	..	12.49
Brown's Hall	.. 5.06	2 33	19	11	8.38	Burnt Ground	.. 4.36	1 56	8	10	14.78
Bellas Gate	.. 5.69	3 05	19	9	6.77	Haughton Grove	.. 9.83	1 45	1	15	11.47
Rock River	.. 7.63	4 66	19	3	8.51	Knockalva	..	..	..	..	..
Crofts Hill	.. 9.81	3 60	19	14	8.55	Darliston	.. 15.17	0 83	7	14	16.77
Kellitts	.. 7.75	2 98	19	17	..	Whithorn	.. 14.45	3 00	13	13	13.74
Suttons	.. 8.78	4 19	19	8	10 19	Water Works Pen	.. 12.85	2 55	16	18	12.23
Colonel's Ridge	.. 7.67	3 86	19	15	..	Williamsfield, Wld.	.. 8.80	1 40	13	16	..
Chapelton	.. 8.53	4 81	19	13	8.77	Petersfield	.. 13.09	1 85	13	18	..
Crooked River	.. 10.37	2 58	20	14	8.58	Baulk	.. 5.99	1 50	8	15	..
James Hill	.. 9.11	2 80	19	12	..	Askenish	.. 9.72	1 20	31	15	14.23
Frankfield	.. 12.07	3 98	19	17	9.27	Grange Hill	.. 7.34	2 33	23	17	13.16
						Mount Eagle	..	..	..	..	..
						King's Vale	.. 3.42	0 72	21	12	10.66
WEST-CENTRAL Division (W.C.)						SOUTHERN DIVISION, (S).					
Mocho, Clarendon	.. 35.53	12.50	20	4	9.07	Morant Point L. H.	.. 6.07	2 87	19	15	8.22
Thompson Town	.. 15.51	5.56	19	12	..	Golden Grove	..	..	..	..	..
Porus	.. 12.86	5.39	19	11	..	Pleasant Hill	.. 12.06	2 96	19	16	7.31
Boro-bridge	.. 10.50	3 75	19	14	..	East Prospect	.. 15.50	5 79	18	17	8.39
Spaldings	.. 11.19	2 55	19	17	8.71	Morant Bay	.. 7.18	2 12	7	9	7.03
Williamsfield	.. 15.22	4 29	19	18	9.76	Lloyds	.. 4.57	1 05	18	9	..
Brokenhurst	.. 13.13	6 53	19	11	9.69	Yallahs	.. 4.60	1 26	7	8	3.06
Shooter's Hill	.. 13.14	3 94	19	16	8.39	Easington	.. 3.56	0 74	19	7	5.73

STATIONS	May, 1943					STATIONS	May, 1943				
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Amount	Date					Amount	Date		
SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.	SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.
Mavis Bank	7.33	2.10	4	12	5.64	Cottage	8.03	4.86	19	6	4.49
Harbour Head	1.35	0.50	20	6	3.43	Pennants	9.30	5.00	19	12	
Dallas Castle	2.90	0.73	2	12	4.20	Belle Plain	16.95	8.12	19	10	7.40
Gordon Town	10.30	2.00	6	13	7.05	Milk River	12.76	7.25	19	7	5.70
Irish Town	8.60	1.70	4	11	7.33	Retrieve	15.23	6.04	19	9	4.83
Hope Gardens	3.56	0.98	19	11	6.10	Stone's Hope	7.97	3.94	19	12	8.55
Bamboo Pen	3.97	1.21	18	11		Newport, Man.	7.83	4.29	19	8	8.07
Plumb Point L.H.	3.80	1.10	4	5	4.37	Alligator Pond	3.68	2.04	19	7	4.92
King's House Gar.	4.40	1.10	19	13	5.61	Myersville	3.50	2.52	19	11	
Up-Park Camp	4.30	0.98	14	11		Goshen	8.76	2.44	2	8	
Cavaliers	3.59	0.98	5	10		Bull Savannah	4.54	2.56	19	4	
St. George's College	3.57	1.42	5	9		Munro	11.19	2.34	19	15	6.14
Upper Kingston	3.49	1.37	5	9	3.05	Windsor, St. Eliz.	7.49	1.35	19	15	8.24
Parade Garden	2.99	1.17	5	5		Torrington	10.19	2.45	5	8	6.45
Kingston P.W.O.	2.53	0.87	4	6	3.48	Santa Cruz	10.51	1.62	1	20	11.27
Shortwood College	4.02	1.25	19	13		Hounslow	6.06	1.90	5	11	
Constant Spring	7.95	2.44	4	17		Pedro Plains	3.99	1.08	5	6	3.56
Halfway Tree	2.43	0.45	19	10	4.44	Mountainside	6.66	1.00	12	12	4.67
Clifton Pen	2.76	0.94	19	8	4.00	Fort Charles	3.41	1.94	6	3	4.30
Twickenham Pen	2.61	0.78	19	8		Black River	6.10	1.55	23	10	6.62
Red Hills	7.04	2.25	19	15	7.76	Mt. Charles	11.25	1.47	23	20	
Quarantine Station	4.36	1.72	6	9	2.82	Mount Edgecombe	12.23	3.61	6	21	8.18
Hematine	5.65	1.38	16	7	5.33	Bluefields	17.79	3.42	23	17	
Spanish Town	9.46	1.54	19	9	5.60	Sav-la-Mar	9.92	2.95	2	15	8.49
Hog Hole, St. Cath.	7.87	1.86	4	11	6.52	Little London	22.73	4.50	23	16	10.51
Grove Farm	6.60	2.00	19	8		Retreat	16.82	2.45	9	20	8.95
Old Harbour	6.74	2.90	19	7	5.70	Sheffield					
May Pen	11.19	4.75	19	10	6.36	Negril Point L.H.	12.26	3.07	6	17	6.22
Glen Muir	15.10	5.00	19	9	5.84						

NOTES

COMPARATIVE TABLE OF RAINFALL AND DAYS ON WHICH RAIN FELL

DIVISIONAL AND ISLAND RAINFALL	May			
	Rainfall, inches		Days on which Rain fell	
	1943	Ave.	1943	Ave.
North-eastern	17.44	9.90	15	13
Northern	6.98	7.15	10	10
West-central	10.90	12.28	15	15
Southern	8.07	6.24	11	10
The Island means	10.84	8.89	13	12

SHOCKS OF EARTHQUAKE IN MAY, 1943

Date	Standard Time (Approx.)	Intensity	Notes, where, etc.
None reported			

N.B.—IT IS PARTICULARLY REQUESTED THAT ALL RAINFALL POST CARDS BE SENT IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE ISLAND

The mean rainfall for the Island was 10.84 inches or 1.95 inch above the 70-Year average of 8.89 inches.

The greatest fall for the month was 45.65 inches, at Mt. Pleasant, in the North-eastern Division, and heaviest fall in 24 hours was 12.50 inches, at Mocho, Clarendon, in the West-Central Division.

The mean number of rain days was 13, the average for the month being 12. The greatest number, 24, was recorded at Barratt's Gap, and the least, 3, was recorded at Rock River, in the Northern Division and at Fort Charles, in the Southern Division.

The mean rainfall in each Parish is given below. The 10-Year average is also shewn for comparison:—

Parish	1943	10-Year Average
	Inches	Inches
Kingston	3.27	1.90
St. Andrew	7.71	5.73
St. Thomas	9.31	5.30
Portland	27.98	9.96
St. Mary	16.66	7.74
St. Ann	9.73	6.90
Trelawny	6.85	7.45
St. James	4.03	8.79
Hanover	5.90	11.00
Westmoreland	12.69	10.77
St. Elizabeth	8.91	6.86
Manchester	11.33	5.91
Clarendon	11.99	5.67
St. Catherine	7.82	6.31

Portland, with 27.98 inches, was highest; St. Mary, with 16.66 inches, was next, and Westmoreland, with 12.69 inches, was third. Kingston, with 3.27 inches, was lowest.

CITY OF KINGSTON

The total rainfall for the month of May was 2.53 inches, or 0.95 inch below the 70-Year normal of 3.48 inches. The upper boundary of Kingston gauged 3.49 inches, with 9 rain days.

Distant rain was observed to north on 8 occasions, to north-east on 3, to north-west on 1 and to south-west on 1 occasion.

Distant lightning was observed to north on the following days:—7th at 3 a.m., 16th at 11.00 p.m., 17th at 11.55 p.m. and on the 19th at 3.00 p.m.; also to the north-east and east on the 8th at 8 p.m.; to the south on the 16th at 11 p.m., and on the 17th at 11.55 p.m.

Distant thunderstorm to north on 5 days, to north-east on 2, to north-west on 1, to south-east on 1 and to south-west on 1. Local thunderstorm on 2 days.

The mean barometric pressure was 29.928 inches, or .018 inch above the 33-Year normal of 29.910 inches. Highest barometer reading was 30.001 inches, on the 27th, at 3.00 p.m., and the lowest 29.853 inches, on the 16th, at 7.00 a.m., corrected for diurnal variation.

Mean temperature for the month was 80.1°, or 0.4° above the normal of 79.7°. The highest maximum was 91.8°, on the 9th, and the lowest minimum was 70.5°, on the 5th, giving an extreme monthly range of 21.3°. On the other hand, the lowest maximum was 80.8°, on the 19th and the highest minimum was 78.0°, on the 26th. The greatest range, 18.3°, was recorded on the 28th and the least range, 5.8°, on the 19th. Maximum temperature rose to 90° and above on 4 occasions and the minimum was 70° and above on 31 days.

The mean daily miles of wind recorded was 215, or about 3% above the 25-Year normal of 209. The greatest number of miles of wind recorded in 24 hours was 387, on the 26th, and the least was 100, on the 5th. Greatest velocity of short duration 32 miles per hour, on the 8th, at about 2.30 p.m. South-east wind prevailed early 2 times, late 16 and throughout 1.

The mean relative humidity was 77% or 2% below the 33-Year normal of 79%. Mean 7 a.m. was 77% and mean 3 p.m. 68%. Lowest 7 a.m. 63% on the 28th, and lowest 3 p.m. 44%, on the 28th.

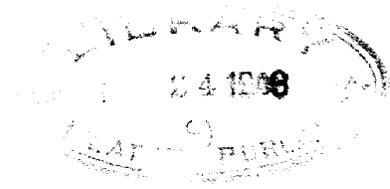
Overcast conditions prevailed in the forenoon on 14 occasions, and in the afternoons on 15.

Total evaporation for the month was 7.28 inches, the 10-Year normal being 7.91 inches.

Mean daily number of sunshine hours 7.3.

(Sgd.) P. BRACELIN,
Instructor Commander, R.N.,
Govt. Meteorologist.

Weather Office, Kingston
20th June, 1943.



JAMAICA

WEATHER REPORT

FOR THE MONTH OF
JUNE, 1943

The barometric pressures at all the Stations, except the Hill Gardens, are reduced to the standards of Kew 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first two standards only. Thermometers are exposed in Stevensons Screen; their readings have been corrected for instrumental errors.

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

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

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS

STATIONS	Elevation	Bar. Pressure			Temperature (F.)			Extreme Temperature (F.)					
		7 a.m.	3 p.m.	ins.	7 a.m.	3 p.m.	Max.	Min.	Range	Max.	Date	Min.	Date	Range
Morant Point Light House	8	29.974	29.944	81.0	84.5	86.2	78.4	7.8	87.5	8	72.7	13	14.8
Kingston	24	29.962	29.932	77.6	86.2	90.1	73.5	16.6	93.1	25	70.9	1	22.2
Upper Kingston	110	29.966	29.928	78.8	85.9	89.6	72.9	16.7	91.6	25	70.6	1*	21.0
Negril Point Light House	33	29.963	29.937	77.4	85.0	87.4	71.9	15.5	89.5	25	69.3	11	20.2
Montego Bay	33	..	..	75.6	85.7	91.8	71.9	19.9	94.0	28	70.0	6	24.0
Castleton Gardens	496	..	..	66.4	79.1	84.1	65.7	18.4	90.0	26*	62.0	17*	28.0
Hope Gardens	668	29.983	29.907	75.3	88.6	91.5	69.4	22.1	96.0	3*	61.0	11	35.0
Hill Gardens, Blue Mountains	4,900	25.233	25.206	61.2	66.7	71.1	58.6	12.5	75.0	4*	56.0	10*	19.0

STATIONS	Elevation	Dewpoint and Rel. Humidity			Rainfall	Wind per diem	Wind: direction from and miles per hour				Amount of Cloud Lower, Middle and Upper						
		7 a.m.	3 p.m.	%			7 a.m.	3 p.m.	Dir.	m.p.h.	Dir.	m.p.h.	7 a.m.	3 p.m.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	77	89	79	83	2.07	361	E	13.0	E	12.0	2.8	3.6	0.8	1.8	4.1	1.2
Kingston	24	69	75	72	63	0.66	214	N	3.9	SE	18.4	1.3	0.3	1.3	3.8	1.8	1.1
Upper Kingston	110	69	73	72	63	1.10	..	NNE	4.2	SE	13.7	1.0	0.3	0.6	2.3	1.6	3.1
Negril Point Light House	33	71	82	73	67	2.45	111	ENE	3.8	SSW	7.6	0.6	0.7	3.7	8.4	1.2	1.5
Montego Bay	33	73	89	79	80	2.00	..	E	..	SE	..	..	..	..	..	..	..
Castleton Gardens	496	64	94	77	94	9.55	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	68	79	75	70	2.59	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens, Blue Mtns.	4,900	54	80	61	85	1.99	..	..	..	..	..	..	..	..	..	..	..

NOTES

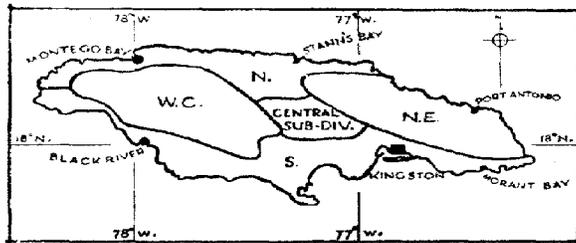
- (1) Kingston—As from 1st January, 1943, temperatures are taken from Thermometers located at Winchester Park.
 - (2) Hope Gardens—Observations are taken at 9 a.m. and 3 p.m.
 - (3) Montego Bay—Observations are taken at 8 a.m. and 3 p.m.
- * —And on other days.

THE RAINFALL.

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last columns contain the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1939". In obtaining the mean rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last columns that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

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

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica", following page 27, 1911 Edition, and of page 33 of 1934 Edition, an outline of which is given below.



June, 1943.

STATIONS	Total Fall		Greatest fall in 24 hours		Average
	Amount	Date	Days on which 0.01 or more fell	Amount	
NORTH-EASTERN DIVISION (N.E.)	Ins.	Ins.		Ins.	
Manchioneal	7.43	2.10	17	14	8.30
Ecclesdown	9.17	1.10	18	19	9.20
Priestman's River	5.47	1.60	18	11	11.60
Bath	7.35	1.45	17	17	11.60
Barrett's Gap	9.52	1.35	12	16	11.60
Millbank	15.08	2.61	7	18	20.91
Bowden Pen					
Moore Town	15.85	2.37	17	19	18.70
Port Antonio	11.30	1.50	18	15	14.38
Passley Garden	9.13	2.70	18	13	13.34
Fellowship					16.86
Johnson River Br.	3.83	1.40	12	9	11.96
Trinity Ville	3.53	1.40	12	9	12.50
Fruitful Vale	5.01	1.00	16	12	11.08
Shrewsbury					11.08
Hope Bay	4.74	1.23	18	8	8.33
Cedar Valley	5.00	1.70	11	9	11.38
Swift River	4.22	1.00	18	9	6.23
Lennox					6.23
Bybrook	3.01	0.67	17	12	
Darley	6.45	1.80	18	16	
Spring Garden					4.32
Hill Gardens	1.99	0.61	17	9	6.69
Buff Bay	3.09	0.70	6	11	6.26
Plum Valley	1.13	0.27	15	7	
Belvedere, Portland	2.99	0.85	23	6	2.81
Windsor Castle, do	2.37	0.55	6	10	4.75
Balcarres	4.76	1.11	10	8	2.49
Mt. Holstein					5.73
Cedar Hurst					6.14

June, 1943

STATIONS	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Amount	Date		
NORTH-EASTERN DIVISION, contd.	Ins.	Ins.			Ins.
Hardware Gap	3.78	1.33	10	7	7.17
Mt. Pleasant	6.75	2.16	18	14	9.17
Rose Hill	3.58	0.84	10	9	6.17
Mount Cressy	5.32	1.10	23	12	6.74
Hermitage	6.04	1.63	10	11	6.74
Mount Airy	5.31	1.34	10	11	6.52
Stony Hill	4.36	1.40	11	7	6.52
Golden Spring	6.10	2.00	11	9	
Brandon Hill	2.82	1.07	9	4	
Enfield	0.36	0.26	11	2	4.82
Agualta Vale	1.21	0.56	23	6	3.58
Castleton Gardens	9.55	2.20	11	15	9.18
Water Valley	2.44	1.85	6	5	4.04
Albany					3.22
Platfield					
Lawrence Tavern	5.65	2.24	7	12	6.61
Wey Hill					
Richmond, St. Mary	3.06	1.16	15	4	5.03
Quebec, St. Mary	1.54	0.50	13	5	4.28
Above Rocks	5.02	1.10	15	10	
Glengoffe	6.41	2.00	7	9	
Carew Castle	5.90	1.39	2	17	8.27
Hampstead, St. Mary	2.80	1.50	6	3	3.90
Windsor Castle do.	6.28	1.15	12	12	5.81
Troja	4.90	1.00	17	8	8.41
Pear Tree Grove	2.63	0.92	15	3	6.59
Guy's Hill	4.55	1.50	17	9	5.81
Lucky Hill	4.50	1.57	12	8	4.70
Rio Hoe	6.53	1.57	8	8	7.21
Unity Valley	5.16	1.59	2	12	7.68
Moneague	4.79	1.83	8	12	7.19
Claremont	4.96	2.02	23	5	5.07
Averham Park	8.01	4.52	23	11	4.86
Albion	3.48	0.82	18	11	6.06
NORTHERN DIVISION (N)					
Port Maria	1.21	0.26	14	9	4.69
Wentworth					
Jacks River	1.60	0.40	12	7	
Oracabessa					5.30
Retreat	4.38	0.48	18	13	
Huddersfield	1.90	0.60	12	5	5.56
Exchange	2.48	1.46	13	4	
Ocho Rios	2.68	0.90	12	4	3.45
Rockfield	3.50	1.30	23	11	3.32
Liberty Hill	1.00	0.24	30	7	3.31
St. Ann's Bay	1.97	0.88	18	10	3.72
Richmond Estate	1.71	1.10	18	5	3.94
Runaway Bay	1.55	1.04	23	4	2.05
Thatchfield	3.98	1.41	18	5	
Knapdale	2.20	0.82	23	5	4.94
Alexandria	4.87	1.55	19	8	4.09
Bel-Air	1.90	0.70	23	6	4.04
Brown's Town	4.72	2.47	23	11	3.91
Wilton	2.19	0.80	23	6	
Watt Town, St. Ann	6.24	2.65	11	9	4.01
Home Castle	3.19	1.77	15	4	3.84
Stewart Town	2.83	2.10	18	6	
Areardia	2.83	1.13	23	3	3.90
Vale Royal	4.59	1.53	23	5	4.09
Harmacy Hall	1.41	0.71	23	2	2.86
Duncans	2.77	1.38	18	6	3.96
Clark's Town	3.26	2.04	18	6	5.02
Gibraltar	4.86	1.73	18	7	
Falmouth	1.25	1.25	18	1	2.68

STATIONS	June, 1943					STATIONS	June, 1943				
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Ins.	Ins.					Date	Ins.		
NORTHERN DIVISION, contd.					WEST-CENTRAL DIVISION, contd.						
Maroon Town	4.18	1.65	17	6	Wait-a-bit	10.21	2.50	17	13		
Adelphi	..	..	..	..	Christiana	6.71	2.90	10	12
Windsor Lodge	..	..	..	..	Holmwood	6.39	2.69	10	11
Latium	2.75	1.00	17	7	Edge Hill	3.05	1.32	16	8		
Barrett Hall	..	..	..	..	Kendal, Manchester	3.28	0.95	16	8
Success	0.26	0.11	5	3	Mereworth	4.19	1.35	16	14		
Cornwall	1.45	0.80	12	4	Mandeville	3.44	1.68	16	6		
Rose Hall	0.29	0.13	5	4	Ulster Spring	3.66	0.73	19	11		
Cinnamon Hill	0.41	0.22	5	3	Greenvale	5.24	1.85	10	7		
Tryall	0.85	0.30	17	4	Albert Town	6.34	3.05	10	5		
Running Gut	0.71	0.32	5	5	Craig Head	3.13	1.53	2	3		
Spring Estate	0.95	0.40	17	3	Warsop	6.67	1.32	15	13		
Friendship	2.19	0.95	17	6	Troy	5.74	1.31	10	9		
Irwin	2.06	1.20	17	5	Wallingford	6.36	1.77	11	13		
Retirement	3.11	1.96	17	6	Balaclava	6.52	1.70	11	7		
Montego Bay	2.00	1.15	17	5	Braes River	6.87	2.50	10	8		
Anchovy	3.58	1.15	12	8	Wakefield	8.42	3.05	17	6		
Hopewell	3.70	1.70	12	6	Appleton	6.37	1.68	16	10		
Blue Hole	1.60	0.84	12	7	Aberdeen	8.69	2.05	11	13		
Cascade	8.40	2.00	14	11	Accompong	11.22	2.70	24	13		
Lucea	1.56	0.55	12	9	Maggotty	8.92	1.42	11	16		
Houghton Court	1.61	1.00	12	2	Lacovia	8.01	1.55	10	12		
Kendal—Hanover	10.88	2.37	17	18	Mulgrave	14.72	3.72	1	17		
Cousin's Cove	4.47	1.19	18	17	Holland	8.46	2.95	13	14		
Blenheim	5.46	1.06	17	9	Ipswich	12.18	1.95	1	16		
Green River	9.20	1.67	18	20	Ginger Hill	11.90	1.70	18	14		
Green Island	4.62	1.95	14	13	Kempshot	3.02	1.43	17	5		
Houghton Hall	6.22	1.64	12	16	Maldon	..	..	..	..
CENTRAL SUB-DIVISION.					SOUTHERN DIVISION, (S).						
Knollis	5.26	0.81	10	12	Morant Point L. H.	2.07	0.55	12	11		
Highgate (St. Cath.)	6.67	1.60	16	11	Golden Grove	6.00	3.60	18	7		
Rio Magno	4.42	3.00	12	4	Pleasant Hill	5.99	2.47	18	13		
Riversdale	6.77	2.37	11	11	East Prospect	4.42	1.73	11	15		
Headworks, R.C.C.	3.85	2.05	15	8	Morant Bay	3.32	1.55	12	6		
Bog Walk	4.92	1.06	23	9	Lloyds	2.21	1.40	17	11		
Linstead	6.23	1.25	7	13	Yallahs	2.09	0.60	12	6		
Ewarton	3.23	0.68	17	7	Shooter's Hill	3.59	0.64	16	10		
Greenock	4.13	1.68	7	6							
Cave Valley	4.64	1.68	7	8							
Guanaboa Vale	2.02	0.85	10	3							
Point Hill	1.68	0.53	14	7							
Brown's Hall	3.24	2.03	10	5							
Bellas Gate	2.02	0.70	11	5							
Rock River	4.76	1.06	18	8							
Croft's Hill	5.56	0.90	19	13							
Kellit's	4.12	0.71	11	13							
Suttons	4.88	2.05	16	10							
Colonel's Ridge	3.65	0.92	10	13							
Chapelton	4.40	1.22	22	12							
Croked River	5.47	1.38	10	11							
James Hill	7.75	2.15	11	7							
Frankfield	4.57	1.12	15	12							

STATIONS	June, 1943					STATIONS	June, 1943				
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Ins.	Ins.					Date	Ins.		
SOUTHERN DIVISION, contd.						SOUTHERN DIVISION, contd.					
Mavis Bank	1.85	0.94	10	6	6.55	Cottage	1.06	0.36	17	5	6.23
Harbour Head	0.65	0.45	16	5	3.86	Pennants	4.93	0.97	16	12	
Dallas Castle	3.65	1.56	16	8	6.67	Belle Plain	6.32	3.20	16	7	7.50
Gordon Town	2.77	1.00	11	6	4.80	Milk River	1.59	0.62	16	4	5.43
Irish Town	2.41	1.20	11	4	4.48	Retrieve	2.79	0.86	16	8	4.12
Hope Gardens	2.59	0.87	11	7	4.71	Stone's Hope	2.53	0.68	16	10	7.71
Bamboo Pen	2.62	0.80	18	6		Newport, Man.	2.65	0.73	10	6	7.50
Plumb Point L.H.	0.00	0.00		0	4.04	Alligator Pond					4.02
King's House Gar.	2.69	1.00	16	8	3.85	Myersville	1.58	0.68	11	3	
Up-Park Camp	2.25	0.81	18	8		Goshen	1.49	1.59	10	6	
Cavaliers	1.97	0.92	15	7		Bull Savannah	0.85	0.34	16	3	
St. George's College	0.93	0.39	11	7		Munro	1.35	0.31	10	10	6.11
Upper Kingston	1.10	0.50	11	6	2.78	Windsor, St. Eliz.	4.26	1.67	15	8	5.84
Parade Garden	0.87	0.36	11	5		Torrington	1.14	0.50	16	3	3.62
Kingston P.W.O.	0.66	0.46	11	4	3.08	Santa Cruz	14.17	3.04	10	14	5.25
Shortwood College	1.71	0.65	10	6		Hounslow	1.99	1.00	16	3	
Constant Spring	1.98	0.69	11	6		Pedro Plains	1.06	0.90	11	2	2.59
Halfway Tree	2.83	1.36	16	5	3.46	Mountainside	5.04	0.92	16	9	3.10
Clifton Pen	3.02	1.47	16	5	3.75	Fort Charles	0.00	0.00		0	2.85
Twickenham Pen	2.77	1.03	16	6		Black River	4.92	1.27	13	12	3.73
Red Hills	3.85	1.26	10	6	5.55	Mt. Charles	7.28	2.00	13	14	
Quarantine Station	0.60	0.52	17	3	2.88	Mount Edgecombe	5.95	1.12	13	16	6.37
Hematine	1.10	1.10	16	1	2.97	Bluefields	11.14	2.02	22	14	
Spanish Town	1.31	0.88	16	4	5.68	Sav.-la-Mar	2.65	1.36	23	9	6.53
Hog Hole, St. Cath.	3.40	1.91	16	6	4.46	Little London	15.09	2.10	14	11	9.08
Grove Farm	1.04	1.00	16	5		Retreat	6.25	1.38	10	13	7.38
Old Harbour	1.41	0.68	16	5	5.37	Sheffield					
May Pen	3.53	1.99	16	11	5.28	Negril Point L.H.	2.45	0.67	13	10	5.60
Glen Muir	3.65	1.25	16	5	4.74						

NOTES

COMPARATIVE TABLE OF RAINFALL AND DAYS ON WHICH RAIN FELL

DIVISIONAL AND ISLAND RAINFALL	June			
	Rainfall, inches		Days on which Rain fell	
	1943	Ave.	1943	Ave.
North-eastern	5.33	7.88	10	11
Northern	3.16	5.45	8	9
West-Central	6.70	8.92	11	13
Southern	3.25	5.38	7	8
The Island means	4.61	6.91	9	10

SHOCKS OF EARTHQUAKE IN JUNE, 1943

Date	Standard Time (Approx.)	Intensity	Notes, where, etc.
None reported			

N.B.—IT IS PARTICULARLY REQUESTED THAT ALL RAINFALL POST CARDS BE SENT IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE ISLAND

The mean of 4.61 inches representing the Island rainfall for June was 33% below the 70-year normal of 6.91 inches. The Divisional Means were also below their normals in all Divisions.

The greatest fall for the month was 15.85 inches, at Moore Town, in the North-eastern Division, and the heaviest fall in 24 hours was 6.25 inches, at Askenish, in the West-Central Division, on the 18th. No rainfall was recorded at Plumb Point Lighthouse and Fort Charles, both in the Southern Division.

The mean number of rain days was 9, the average for the month being 10. The greatest number, 20, was recorded at Green River, in the Northern Division.

The mean rainfall in each parish is given below. The 10-year average is also shown for comparison:—

Parish	1943	10-year Average
	Inches	Inches
Kingston	0.71	0.42
St. Andrew	3.32	4.21
St. Thomas	4.36	8.64
Portland	6.55	8.19
St. Mary	3.30	4.86
St. Ann	3.73	4.67
Trelawny	4.63	5.41
St. James	3.29	6.85
Hanover	6.04	10.83
Westmoreland	7.49	8.58
St. Elizabeth	6.50	4.46
Manchester	3.23	6.62
Clarendon	4.88	5.31
St. Catherine	3.63	5.71

Westmoreland, with 7.49 inches, was highest; Portland, with 6.55 inches, was second, and St. Elizabeth, with 6.42 inches, was third. Kingston, with 0.71 inch, was the lowest.

The total rainfall for the first half of the year is given below, compared with the 70-year average, and shows an excess of 8.34 inches:—

	1943	70-year average
	Inches	Inches
January	2.13	4.00
February	5.04	3.21
March	7.72	3.33
April	9.45	5.11
May	10.84	8.89
June	4.61	6.91
	<u>39.79</u>	<u>31.45</u>

CITY OF KINGSTON

The total rainfall for the month of June was very deficient, being only 0.66 inch, or 2.42 inches below the 70-year normal of 3.08 inches. The Upper Boundary of Kingston gauged 1.10 inch, with 6 rain days.

Distant rain was observed to north on 7 occasions, to northeast on 4 and to southeast on 1 occasion.

Distant thunderstorm occurred to north on 8 occasions, to north-east on 2, and to north-west and south-east on 1 occasion each.

Local thunderstorm on the 15th, 16th and 18th.

Distant lightning was observed to north on 1 occasion and to north-east 2.

The mean barometric pressure was 29.954 inches, or .022 inch above the 33-year normal of 29.932 inches.

Highest barometer reading was 30.006 inches, on the 30th, at 3 p.m., and the lowest was 29.866 inches, on the 16th, at 7 a.m., corrected for diurnal variation.

Mean temperature for the month was 81.3°, or .4° above the 33-year normal of 80.9°. The highest maximum was 93.1°, on the 25th, and the lowest minimum was 70.9° on the 1st. On the other hand, the lowest maximum was 87.8°, on the 11th, and the highest minimum was 76.9°, on the 30th. The greatest range, 20.2°, occurred on the 26th, and the least, 12.3°, occurred on the 15th. The maximum temperature was 90° and above on 13 occasions, and the minimum was 70° and above on 30 occasions.

The mean daily miles of wind recorded was 214, or about 10% below the 25-year normal of 239. The greatest number of miles of wind recorded in 24 hours was 345, on the 20th, and the least was 110, on the 16th. Greatest velocity of short duration was 30 miles per hour, on the 20th, at about 3 p.m. South-east wind prevailed early 4 times and late on 16 occasions.

The mean relative humidity was 72%, or 6% below the 33-year normal of 78%. Mean 7 a.m., 70%, and mean 3 p.m. 63%. Lowest 7 a.m. was 66%, on the 1st and 5th, and lowest 3 p.m. was 40%, on the 8th.

Overcast conditions prevailed in the forenoon on 6 occasions, and in the afternoon on 15.

Total evaporation for the month was 7.69 inches, the 10-year normal being 6.93 inches.

Mean daily sunshine hours 7.9.

(Sgd.) P. BRACELIN,
Instructor Commander, R.N.,
Govt. Meteorologist.

Weather Office, Kingston
20th July, 1943.

CORRIGENDUM

Weather Report No. 810, April, 1943, Page 1.

Insert Elevation of Stations as follows:—

Morant Point Lighthouse	8 ft.
Kingston	24 "
Upper Kingston	110 "
Negril Point Lighthouse	33 "
Montego Bay	33 "
Castleton Gardens	496 "
Hope Gardens	668 "
Hill Gardens, Blue Mtns.	4,900 "



JAMAICA WEATHER REPORT

FOR THE MONTH OF
JULY, 1943

The barometric pressures at all the Stations, except the Hill Gardens, are reduced to the standards of Kew 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first two standards only. Thermometers are exposed in Stevensons Screen; their readings have been corrected for instrumental errors.

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

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

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS

STATIONS	Elevation	Bar. Pressure		Temperature (F.)					Extreme Temperature (F.)				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range	Max.	Date	Min.	Date	Range
	ft.	ins.	ins.	°	°	°	°	°	°	°	°	°	°
Morant Point Light House	8	29.996	29.969	81.8	85.1	86.7	79.5	7.2	89.0	28	71.5	2	17.5
Kingston	24	29.934	29.945	79.0	86.8	91.0	73.9	17.1	95.5	20	70.9	3	24.6
Upper Kingston	110	29.937	29.938	79.0	86.8	91.0	73.9	17.1	95.5	20	70.9	3	24.6
Negril Point Light House	33	29.985	29.952	78.4	85.2	88.5	73.0	15.5	89.7	21	69.7	3	20.0
Montego Bay	33	..	..	76.7	83.4	92.7	71.1	21.6	95.0	20*	69.0	3	23.0
Castleton Gardens	496	..	..	70.6	79.8	83.0	66.7	16.3	90.0	11*	60.0	30	30.0
Hope Gardens	668	29.918	29.914	74.9	87.5	93.7	70.2	23.5	98.0	20*	63.0	21*	30.0
Hill Gardens, Blue Mountains	4,900	25.265	25.230	63.5	68.2	74.0	59.4	14.6	81.0	21	57.0	1*	24.0

STATIONS	Elevation	Dewpoint and Rel. Humidity			Rainfall	Wind per diem	Wind: direction from and miles per hour			Amount of Cloud Lower, Middle and Upper							
		7 a.m.	3 p.m.				7 a.m.	3 p.m.		7 a.m.	3 p.m.						
	ft.	°	%	°	%	ins.	Mls.	Dir.	m.p.h.	Dir.	m.p.h.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	77	84	78	81	3.54	342	E	13.0	E	11.0	2.7	3.5	1.2	2.1	3.1	2.3
Kingston	24	69	71	72	62	0.32	234	N	4.1	SE	18.8	1.8	0.2	1.2	1.8	2.4	0.6
Upper Kingston	110	69	71	72	62	0.54	..	N	4.0	SE	13.3	0.4	0.2	1.9	2.0	1.7	4.2
Negril Point Light House	33	70	76	73	63	4.51	126	ENE	4.1	SSE	8.4	0.0	0.3	5.0	7.4	0.0	0.8
Montego Bay	33	72	85	79	76	1.57	..	E	..	E	..	..	..	..	..	..	..
Castleton Gardens	496	65	95	78	94	3.23	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	67	77	72	59	0.53	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens, Blue Mtns.	4,900	57	78	61	79	2.36	..	..	..	..	..	..	..	..	..	..	..

NOTES

(1) Kingston—As from 1st January, 1943, Temperatures are taken from Thermometers located at Winchester Park.

(2) Hope Gardens—Observations are taken at 9 a.m. and 3 p.m.

(3) Montego Bay—Observations are taken at 8 a.m. and 3 p.m.

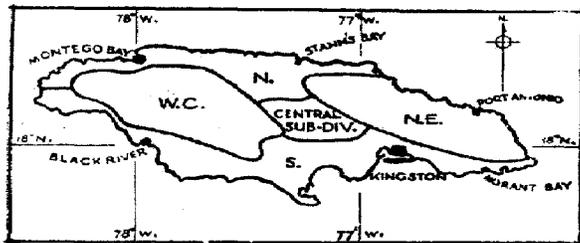
* And on other days.

THE RAINFALL

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last columns contain the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1939". In obtaining the mean rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last columns that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

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

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica", following page 27, 1911 Edition, and of page 33 of 1934 Edition, an outline of which is given below.



STATIONS	July, 1943					
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average	
		Amount	Date			
NORTH-EASTERN DIVISION (N.E.)	Ins.	Ins.			Ins.	
Manchioneal	..				5.84	
Ecclesdown	..	8.67	1.65	30	21	7.27
Priestman's River	..	6.36	1.60	31	10	8.36
Bath	..	6.20	2.02	30	12	21.31
Barrett's Gap	..	6.14	1.82	30	12	17.38
Millbank	..	10.89	1.78	30	16	10.61
Bowden Pen	..	12.33				12.14
Moore Town	..		2.00	18	15	14.17
Port Antonio	..	4.25	0.90	1	8	7.27
Passley Garden	..	5.16	1.26	30	10	8.57
Fellowship	..	11.42	1.60	18	19	8.89
Johnson River Br.	..	2.48	1.05	30	5	11.88
Trinity Ville	..	2.29	1.05	30	4	4.90
Fruitful Vale	..	4.47	0.80	18	8	4.85
Shrewsbury	..					4.14
Hope Bay	..	5.85	2.07	18	6	4.90
Cedar Valley	..	1.53	1.00	30	5	5.20
Swift River	..	4.89	1.12	31	10	
Lennox	..					
Bybrook	..	2.38	0.56	5	9	
Darley	..	5.90	1.27	26	13	
Spring Garden	..	2.09	0.95	18	4	
Hill Gardens	..	2.36	0.85	29	8	
Buff Bay	..	2.94	0.94	18	7	
Plum Valley	..					
Belvedere, Portland	..					3.88
Windsor Castle, do.	..					4.85
Balcarras	..	4.51	1.05	5	7	4.14
Mt. Holstein	..	3.51	1.23	4	10	4.90
Cedar Hurst	..					5.20

STATIONS	July, 1943					
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average	
		Amount	Date			
NORTH-EASTERN DIVISION, contd.	Ins.	Ins.			Ins.	
Hardware Gap	..	2.20	0.38	29	9	4.48
Mt. Pleasant	..	7.48	1.41	30	11	
Rose Hill	..	3.27	0.72	3	11	5.75
Mount Cressy	..	4.00	1.57	4	11	
Hermitage	..	3.86	1.16	2	11	6.56
Mount Airy	..	5.18	1.57	4	10	
Stony Hill	..	4.74	2.23	3	9	4.96
Golden Spring	..	5.25	3.20	3	6	
Brandon Hill	..	6.27	1.90	29	6	
Enfield	..	0.54	0.40	1	2	4.40
Agualta Vale	..	1.06	0.81	18	3	3.21
Castleton Gardens	..	3.23	1.00	29	8	6.44
Water Valley	..	1.57	0.72	18	6	3.05
Albany	..					3.39
Platfield	..					
Lawrence Tavern	..	6.34	0.85	3	9	5.13
Wey Hill	..	4.87	1.58	29	12	
Richmond, St. Mary	..	0.63	0.28	31	3	3.32
Quebec, St. Mary	..	2.56	0.90	24	7	3.57
Above Rocks	..	7.90	2.58	3	14	
Glengoffe	..	6.55	2.30	16	5	
Carew Castle	..	8.98	3.34	28	13	6.45
Hampstead, St. Mary	..	1.00	0.50	19	2	2.88
Windsor Castle do.	..	2.16	0.97	3	4	3.89
Troja	..	1.79	1.50	2	2	5.69
Pear Tree Grove	..	0.97	0.87	3	2	4.22
Guy's Hill	..	2.39	1.05	2	5	4.56
Lucky Hill	..	0.28	0.12	1	3	3.29
Rio Hoe	..	3.70	1.41	2	6	4.15
Unity Valley	..	6.15	1.38	4	8	5.58
Moneague	..	5.32	1.21	2	8	4.58
Claremont	..	1.92	0.85	16	4	3.29
Averham Park	..	1.61	0.71	1	9	3.05
Albion	..	4.27	1.75	2	8	4.10
NORTHERN DIVISION (N)						
Port Maria	..	2.20	0.74	25	9	3.81
Jacks River	..	1.86	0.36	18	8	
Oracabessa	..	2.63	0.87	30	9	4.28
Retreat	..	1.03	0.35	30	5	
Huddersfield	..	1.50	0.50	25	4	3.06
Exchange	..	0.00	0.00		0	
Ocho Rios	..	1.51	0.68	1	3	2.36
Rockfield	..	1.58	0.56	1	11	3.03
Liberty Hill	..	0.05	0.05	3	1	1.92
St. Ann's Bay	..	0.71	0.33	2	10	2.79
Richmond Estate	..					2.14
Runaway Bay	..	1.00	0.50	2	3	1.29
Thatchfield	..	3.67	2.61	2	4	
Knapdale	..	2.40	1.27	2	7	3.65
Alexandria	..	3.34	1.05	27	7	2.76
Bel-Air	..	1.25	0.85	2	5	2.26
Brown's Town	..	1.25	0.39	2	9	2.51
Wilton	..	1.26	1.02	2	8	
Watt Town, St. Ann	..	3.75	1.32	29	9	2.82
Home Castle	..	1.30	0.70	4	3	2.89
Stewart Town	..	3.05	1.64	16	7	
Arcadia	..	0.77	0.33	15	4	2.23
Vale Royal	..	0.90	0.38	7	4	2.71
Harmony Hall	..	0.72	0.34	15	4	1.60
Duncans	..	0.51	0.18	15	5	2.45
Clark's Town	..	1.48	0.49	6	7	4.10
Gibraltar	..	3.09	0.82	7	10	
Falmouth	..	0.85	0.85	7	1	1.53

STATIONS	July, 1943					STATIONS	July, 1943				
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Amount	Date					Amount	Date		
NORTHERN DIVISION, contd.	Ins.	Ins.			Ins.	WEST-CENTRAL DIVISION, contd.	Ins.	Ins.			Ins.
Maroon Town	2.06	0.96	23	4		Wait-a-bit	5.00	3.00	4	7	
Adelphi	3.67	1.25	23	7		Christiana	2.38	0.51	23	9	4.35
Windsor Lodge	3.02	0.80	24	6		Holmwood	2.60	0.56	26	9	
Latinm	0.35	0.35	24	1	1.34	Edge Hill	0.95	0.55	2	4	
Barrett Hall	0.00	0.00	24	0		Kendal, Manchester	1.98	0.94	24	5	5.41
Success	0.15	0.15	24	1	1.26	Mereworth	1.93	0.58	29	7	9.77
Cornwall	0.14	0.10	24	2	1.30	Mandeville	1.12	0.52	1	3	5.73
Rose Hall	0.05	0.05	31	1	3.16	Ulster Spring	5.91	1.54	28	9	5.41
Cinnamon Hill	0.08	0.08	24	1	1.32	Greenvale	2.96	0.70	28	8	4.75
Tryall	0.05	0.05	31	1	1.44	Albert Town	3.80	1.52	4	4	5.06
Running Gut	1.49	0.80	7	4	4.14	Craig Head	4.12	3.09	3	2	
Spring Estate	1.10	0.50	8	6	3.77	Warsop	7.10	1.75	4	10	7.15
Friendship	1.32	0.80	7	4	4.74	Troy	6.82	1.80	5	6	6.90
Irwin	1.57	0.76	4	5	3.34	Wallingford	5.71	1.30	5	9	5.50
Retirement	4.62	1.08	23	13	4.80	Balaclava	5.82 ^{5.84}	1.42	3	6	4.87
Montego Bay	4.07	1.12	15	12		Braes River	5.16	1.70	4	6	
Anchovy	4.07	1.12	15	12		Wakefield					5.47
Hopewell	3.01	0.91	19	10	6.02	Appleton	6.99	2.78	1	11	7.19
Blue Hole	12.80	2.05	23	19		Aberdeen	6.69	1.83	29	13	
Cascade	4.14	1.86	2	13	5.18	Accompong	10.15	3.06	29	13	
Lucca	4.22	2.18	2	8	4.99	Maggotty					8.15
Haughton Court	9.03	1.24	31	24		Lacovia	4.24	1.22	23	8	5.02
Kendal—Hanover	5.50	1.21	16	16	9.27	Mulgrave	16.33	3.93	1	18	
Cousins Cove	7.55	1.70	16	12		Holland	4.61	1.28	14	11	
Blenheim	5.82	1.16	31	17		Ipswich	11.25	1.83	1	16	
Green River	10.14	1.95	16	18	9.01	Ginger Hill	10.46	1.85	1	14	
Green Island	8.27	1.87	16	21	8.37	Kempshot					5.83
Haughton Hall						Maldon					
CENTRAL SUB-DIVISION						Garlands	11.29	1.49	3	18	
Knollis	3.12	0.95	2	8	6.56	Mocho, St. James	16.07	2.14	31	19	11.05
Highgate (St. Cath.)	3.16	1.42	28	11	8.39	Catadupa	12.04	1.90	25	17	9.28
Rio Magno	5.23	2.50	29	3	6.44	Cambridge	10.41	2.32	23	17	9.29
Riversdale	7.22	1.30	2	11	9.58	New Market	6.59	2.12	23	14	8.48
Headworks, R.C.C.	0.60	0.40	3	3	3.29	Springfield	11.12	1.50	3	15	
Bog Walk	2.66	0.88	2	10	6.18	Seaford Town	12.08	2.85	29	14	
Linstead	3.02	1.17	2	7	5.95	Petersville	2.44	1.34	16	9	7.71
Ewarton	2.69	1.60	2	3		Kew Park	9.43	1.96	29	16	10.06
Greenock	4.00	1.37	4	7		The Bog	7.53	1.07	12	18	8.94
Cave Valley	3.61	0.76	4	11	4.61	Exeter	12.66	2.25	6	14	
Guanaboa Vale	2.25	1.55	27	4	4.98	Bethel Town Dist.	7.65	1.60	29	12	12.91
Point Hill	3.35	0.87	7	8	6.68	Copse	6.08	2.05	29	6	7.54
Brown's Hall	1.29	0.41	2	5	3.04	Burnt Ground	8.31	1.50	31	19	9.34
Bellas Gate	0.00	0.00		0	4.80	Haughton Grove	9.11	1.27	26	19	8.58
Rock River	2.65	0.88	12	6	3.60	Knockalva	11.05	3.01	29	10	
Crofts Hill	4.04	2.21	4	10		Darliston	10.66	1.70	28	17	11.60
Kelliitts					6.40	Whithorn	10.75	2.50	29	10	10.62
Suttons	3.88	1.75	3	12		Water Works Pen	12.31	3.55	29	18	9.74
Colonel's Ridge	1.24	0.65	23	5	3.51	Williamsfield, Wld.	15.25	2.10	7	18	
Chapelton	2.92	1.16	23	9	5.94	Petersfield	8.08	2.45	29	13	
Crooked River	7.75	1.34	14	7		Baulk	7.03	1.05	4	18	
James Hill	6.26	1.00	5	13	6.61	Askenish	13.43	1.60	15	17	10.21
Frankfield						Grange Hill	4.96	1.20	29	14	11.33
						Mount Eagle					
						King's Vale	3.88	0.90	31	19	9.33
WEST-CENTRAL DIVISION (W.C.)						SOUTHERN DIVISION, (S.)					
Mocho, Clarendon	0.40	0.40	3	1	4.45	Morant Point L. H.	3.54	2.05	30	8	3.26
Thompson Town	2.66	0.87	2	6		Golden Grove	5.20	2.65	29	3	
Porus	2.89	1.00	27	5		Pleasant Hill	5.97	2.57	30	10	4.63
Borobridge	3.22	1.00	27	5	5.10	East Prospect	5.32	2.21	30	9	4.96
Spaldings	1.56	0.58	2	6	7.56	Morant Bay	2.99	1.45	30	7	5.25
Williamsfield	2.44	0.80	4	5	5.24	Lloyds	1.60	0.71	30	9	
Brokenhurst	1.85	0.67	25	11	5.34	Yallahs	1.44	0.90	20	2	5.60
Shooter's Hill						Easington	1.43	0.48	30	5	5.20

STATIONS	July, 1943					STATIONS	July, 1943						
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		
		Amount	Date					Amount	Date				
SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.	SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.		
Mavis Bank	4.16	Cottage	..	0.15	0.15	8	1	4.17	
Harbour Head	..	0.62	0.48	28	2	1.80	Pennants	..	2.62	0.75	23	5	..
Dallas Castle	..	0.99	0.42	4	8	4.69	Belle Plain	..	0.85	0.58	28	2	6.20
Gordon Town	..	1.69	0.80	28	3	2.68	Milk River	..	..	..	..	..	2.57
Irish Town	..	1.70	0.70	28	5	2.14	Retrieve	..	1.10	1.10	28	1	2.59
Hope Gardens	..	0.53	0.18	31	8	2.67	Stone's Hope	..	0.18	0.18	28	1	3.98
Bamboo Pen	..	1.41	0.48	29	7	..	Newport, Man.	..	0.62	0.50	28	2	3.98
Plumb Point L.H.	..	1.13	1.00	2	2	1.88	Alligator Pond	..	..	..	..	..	2.30
King's House Gar.	..	3.11	1.56	29	8	2.49	Myersville	..	1.55	1.35	3	2	..
Up-Park Camp	..	0.56	0.32	29	4	..	Goshen	..	2.08	1.40	3	4	..
Cavaliers	..	0.62	0.45	29	3	..	Bull Savannah	..	0.00	0.00	0	0	..
St. George's College	..	0.45	0.25	29	5	..	Munro	..	0.48	0.45	3	2	2.76
Upper Kingston	..	0.54	0.32	29	5	2.26	Windsor, St. Eliz.	..	3.43	2.63	3	8	3.55
Parade Garden	..	0.17	0.09	28	2	..	Torrington	..	1.25	1.25	3	1	2.45
Kingston P.W.O.	..	0.32	0.11	5	5	1.34	Santa Cruz	..	4.98	1.49	3	7	5.24
Shortwood College	..	5.69	1.70	29	7	..	Hounslow	..	2.48	1.29	3	2	..
Constant Spring	..	4.08	1.70	29	8	..	Pedro Plains	..	..	..	..	..	1.68
Halfway Tree	..	1.46	0.90	28	3	1.87	Mountainside	..	1.23	0.50	6	4	2.87
Clifton Pen	..	1.59	0.87	28	3	1.75	Fort Charles	..	1.54	1.54	25	1	1.96
Twickenham Pen	..	1.62	1.01	28	4	..	Black River	..	2.71	1.04	3	6	4.49
Red Hills	..	2.36	1.12	28	4	5.50	Mt. Charles	..	2.83	2.23	3	9	..
Quarantine Station	..	0.23	0.08	2	4	1.53	Mount Edgecombe	..	5.73	1.73	12	16	6.88
Hematine	..	0.72	0.49	3	5	1.97	Bluefields	..	12.50	2.65	28	11	..
Spanish Town	..	0.55	0.23	1	5	2.17	Sav.-la-Mar	..	5.26	1.42	25	11	6.27
Hog Hole, St. Cath.	..	0.99	0.88	1	6	2.42	Little London	..	3.64	1.15	2	7	8.30
Grove Farm	..	0.15	0.13	1	2	..	Retreat	..	4.76	1.12	24	10	7.29
Old Harbour	..	0.11	0.07	1	2	2.37	Sheffield	..	..	..	..	..	..
May Pen	..	0.25	0.12	4	3	3.26	Negril Point L.H.	..	4.51	1.62	28	13	5.76
Glen Muir	..	0.35	0.35	3	1	3.85							

SHOCKS OF EARTHQUAKE IN JULY, 1943

Date	Standard Time (Approx.)	Intensity	Notes, where, etc.
15.7.43	7.25 a.m.	I	Kingston
"	"	IV	Balaclava
"	"	"	Wallingford
"	"	"	Appleton
"	"	"	Petersville
"	"	"	Edge Hill
"	"	"	Bog—(Westmoreland)
"	"	"	Cambridge
"	"	"	Lacovia
"	"	"	Windsor Lodge
"	"	"	Knapdale
"	"	"	Montego Bay
"	"	"	Rockfield
"	"	"	Blenheim
"	"	"	Munro
"	"	"	Bull Savannah
"	"	"	Kew Park
"	"	1	Lloyds
"	"	"	Bath
"	"	"	Barretts Gap
"	"	"	Plumb Point Light-House
"	"	"	Castleton
"	"	"	Unity Valley
"	"	"	Mount Cressy
"	"	"	Pennants

NOTES

COMPARATIVE TABLE OF RAINFALL AND DAYS ON WHICH RAIN FELL

DIVISIONAL AND ISLAND RAINFALL	July			
	Rainfall, inches		Days on which Rain fell	
	1943	Ave.	1943	Ave.
North-eastern	3.86	6.14	8	10
Northern	2.63	3.65	8	7
West-central	6.17	7.65	11	13
Southern	1.97	3.42	5	8
The Island means	3.66	5.22	8	9

N.B.—IT IS PARTICULARLY REQUESTED THAT ALL RAINFALL POST CARDS BE SENT IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE ISLAND

The mean Rainfall for the Island was 3.66 inches, or 30% below the 70-Year normal of 5.22 inches. The Divisional Means were also below their normals.

The greatest rainfall for the month was 16.33 inches, at Mulgrave, in the West-Central Division, and the heaviest fall in 24 hours was 3.93, at the same station, on the 1st. No rain fell at 4 stations, viz.: Exchange, Cornwall and Rock River, in the Northern Division and Bull Savannah, in the Southern Division.

The mean number of rain days was 8, the average for the month being 9. The greatest number of rain days, 24, was recorded at Kendal—Hanover, in the Northern Division.

The mean rainfall in each parish is given below. The 10-Year normal is also shewn for comparison:—

Parish	1943	10-Year Average
	Inches	Inches
Kingston	0.52	3.02
St. Andrew	3.05	4.74
St. Thomas	3.55	6.90
Portland	6.06	9.21
St. Mary	1.82	3.95
St. Ann	2.42	3.35
Trelawny	3.08	3.86
St. James	3.66	4.80
Hanover	7.43	7.84
Westmoreland	8.28	8.93
St. Elizabeth	5.19	4.80
Manchester	1.83	5.70
Clarendon	2.48	5.07
St. Catherine	2.64	5.03

Westmoreland, with 8.28 inches, was highest; Hanover, with 7.43 inches, was next, and Portland, with 6.06 inches, was third. Kingston, with 0.52 inch, was lowest.

EARTHQUAKES

An earthquake shock of moderate intensity was felt in Kingston, at 7.25 a.m., on the 15th. This shock was also felt at Balaclava, where apparently it was much more intense, as some damage to buildings and structures was reported. The shock was also felt throughout the western parishes.

CITY OF KINGSTON

The total rainfall for the month of July was deficient, being only 0.32 inch, as compared with the 70-Year normal of 1.34 inch. The Upper Boundary of Kingston gauged 0.54 inch, with five rain days.

The several directions in which distant rain was observed were as follows: To north on 5 occasions, and to north-east, south and south-east on 1 occasion each.

Distant lightning to north and west on 1 occasion each.

Distant thunderstorm occurred to north on 9 occasions and to north-east once.

A Solar Halo—(Slight) was visible in Kingston on the 9th, at 3.00 p.m.

The mean barometric pressure was 29.976 inches, or .016 inch above the 33-Year normal of 29.960 inches. Highest barometer reading was 30.051 inches, on the 17th, at 7 a.m., and 3 p.m., and the lowest was 29.909 inches, on the 5th, at 7 a.m., corrected for diurnal variation.

Mean temperature for the month was 82.2°, or .8° above the normal of 81.4°. The highest maximum was 95.5°, on the 20th, and the lowest minimum was 70.9°, on the 3rd, giving an extreme monthly range of 24.6°. On the other hand, the lowest maximum was 79.5°, on the 30th, and the highest minimum was 76.1°, on the 19th. The greatest range, 21.1°, was recorded on the 20th, and the least, 4.7°, on the 30th. The maximum temperature rose to 90° and above on 26 occasions, and the minimum was 70° and above throughout the month.

The mean daily miles of wind recorded was 234, or about 3% above the 25-Year normal of 227. The greatest number of miles recorded in 24 hours was 350, on the 20th, and the least 102, on the 4th. Greatest velocity of short duration was 36 miles per hour, on the 20th, at about 1 p.m. South-east wind prevailed early on 1 occasion, and continued until late on 22 occasions.

The mean relative humidity was 70%, or 6% below the 33-Year normal of 76%. Mean 7 a.m., 71%, and mean 3 p.m., 62%. Lowest 7 a.m., 66%, on the 13th, 17th, 20th and 22nd, and lowest 3 p.m., 43%, on the 18th.

Overcast conditions prevailed in the forenoon on 6 occasions, and in the afternoon on 22 occasions.

Total evaporation for the month was 9.41 inches, the normal being 7.87 inches.

Mean daily number of sunshine hours 7.7.

(Sgd.) P. BRACELIN,
Instructor Commander, R.N.,
Govt. Meteorologist.

Weather Office,
Kingston,
20th August, 1943.

CORRIGENDA

Weather Report No. 807, Jan., 1943.

Page 1—Meteorological Results—Upper Kingston:—

Amend Relative Humidity 3 p.m., to read 58%, instead of 60%.

Weather Report No. 808, Feb., 1943.

Page 1—Meteorological Results—Upper Kingston:—

Amend Relative Humidity 3 p.m., to read 64%, instead of 63%.

Weather Report No. 809, March, 1943.

Page 1—Meteorological Results—Upper Kingston:—

Amend Relative Humidity 7 a.m., to read 78%, instead of 72%.

Amend Relative Humidity 3 p.m., to read 62%, instead of 74%.

Weather Report No. 810, April, 1943.

Page 1—Meteorological Results—Upper Kingston:—

Amend Relative Humidity 7 a.m., to read 81%, instead of 80%.

Amend Relative Humidity 3 p.m., to read 68%, instead of 73%.



JAMAICA

WEATHER REPORT

FOR THE MONTH OF
AUGUST, 1943

The barometric pressures at all the Stations, except the Hill Gardens, are reduced to the standards of Kew 32*, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first two standards only. Thermometers are exposed in Stevensons Screen; their readings have been corrected for instrumental errors.

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

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

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS

STATIONS	Elevation	Bar. Pressure		Temperature (F.)				Extreme Temperature (F.)					
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range	Max.	Date	Min.	Date	Range
Morant Point Light House	8	29.917	29.888	81.4	85.8	87.8	77.1	10.7	89.7	21	72.2	24	17.5
Kingston	24	29.908	29.882	77.9	85.7	90.4	74.8	15.6	93.0	22	72.1	10	20.9
Upper Kingston	110	29.914	29.880	77.8	85.6	90.2	74.2	16.0	93.0	26	71.6	10	21.4
Negril Point Light House	33	29.909	29.889	77.5	83.9	88.2	73.0	15.2	89.6	25	70.5	13	19.1
Montego Bay	33	..	..	76.4	86.6	91.5	71.7	19.8	93.5	27	69.0	4	24.5
Castleton Gardens	496	..	..	65.6	80.4	84.9	64.4	20.5	90.0	31	60.0	18*	30.0
Hope Gardens	668	29.957	29.913	76.6	83.6	90.5	68.8	21.7	91.0	5	60.0	23	34.0
Hill Gardens, Blue Mountains	4,900	25.221	25.181	62.7	66.8	73.0	59.8	13.2	76.0	11*	56.0	2	20.0

STATIONS	Elevation	Dewpoint and Rel. Humidity			Rainfall	Wind per diem	Wind: direction from and miles per hour		Amount of Cloud Lower, Middle and Upper								
		7 a.m.	3 p.m.				7 a.m.	3 p.m.	7 a.m.	3 p.m.							
Morant Point Light House	8	75	84	78	76	4.99	239	E	9.0	E	8.0	2.8	3.5	1.2	1.9	3.1	1.6
Kingston	24	71	80	75	70	1.77	182	N	4.1	SE	13.5	2.1	0.3	2.9	5.0	2.4	0.2
Upper Kingston	110	71	80	75	70	3.16	..	N	4.0	SE	10.9	1.6	0.3	2.5	3.0	2.1	2.2
Negril Point Light House	33	72	86	75	74	4.89	112	ENE	3.8	SSE	8.7	0.0	0.4	4.5	7.6	0.3	0.3
Montego Bay	33	72	88	80	80	5.08	..	E	..	E	..	..	..	..	..	..	..
Castleton Gardens	496	64	92	79	94	17.10	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	68	77	75	75	6.17	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens, Blue Mtns.	4,900	59	85	64	89	4.42	..	..	..	..	..	..	..	..	..	..	..

NOTES

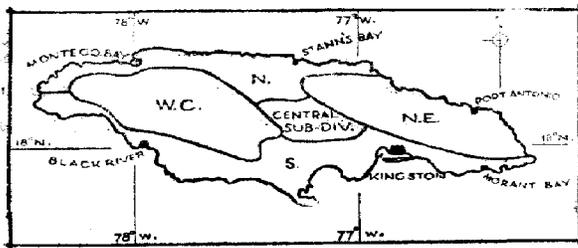
- (1) Kingston—As from 1st January, 1943, temperatures are taken from Thermometers located at Winchester Park.
 - (2) Hope Gardens—Observations are taken at 9 a.m. and 3 p.m.
 - (3) Montego Bay—Observations are taken at 8 a.m. and 3 p.m.
- * —And on other days.

THE RAINFALL

THE first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last columns contain the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1939". In obtaining the mean rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last columns that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

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

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica", following page 27, 1911 Edition, and of page 33 of 1934 Edition, an outline of which is given below.



August, 1948.

STATIONS	Total Fall		Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
	Ins.	Ins.	Amount	Date		
NORTH-EASTERN DIVISION (N.E.)	Ins.	Ins.				Ins.
Manchioneal	5.55	0.92	27	16	7.78	
Ecclesdown	12.27	1.99	27	21		
Priestman's River	2.55	1.52	27	3	8.46	
Bath	8.31	1.30	27	17	10.04	
Barrett's Gap	14.22	2.01	27	17		
Millbank	17.12	1.85	2	18	17.27	
Bowden Pen	18.46	2.34	3	22		
Moore Town	11.60	2.25	7	14	15.88	
Port Antonio	7.10	1.40	25	14	11.63	
Passley Garden	9.59	1.60	6	13	10.97	
Fellowship	12.71	1.80	7	16	14.05	
Johnson River Br.	6.66	2.25	27	11	9.92	
Trinity Ville	7.78	2.53	27	11	9.39	
Fruitful Vale	7.02	1.41	31	7		
Shrewsbury					9.08	
Hope Bay	7.04	2.55	7	9	9.37	
Cedar Valley	6.32	2.53	27	9	9.53	
Swift River	9.19	1.70	14	15		
Lennox	4.24	0.87	24	9	7.76	
Bybrook	5.18	1.26	16	14		
Barley	7.57	1.45	26	14		
Spring Garden	2.86	1.40	7	5	6.60	
Hill Gardens	4.42	1.23	19	12	7.77	
Buff Bay	2.24	1.10	8	5	6.09	
Plum Valley	2.03	0.80	1	6		
Belvedere, Portland	1.76	0.80	27	5	5.72	
Windsor Castle, do					5.82	
Balcarres	10.74	3.10	19	13	7.15	
Mt. Holstein	7.43	1.50	19	17	7.32	
Cedar Hurst	6.46	2.60	26	17	7.97	
Mt. Pleasant	8.51	2.04	7	12		

August, 1948

STATIONS	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Amount	Date		
NORTH-EASTERN DIVISION, contd.	Ins.	Ins.			Ins.
Hardware Gap	10.50	3.68	26	14	8.27
Rose Hill	14.01	5.10	26	23	9.80
Mount Cressy	12.20	3.53	5	17	
Hermitage	17.16	5.95	26	19	10.22
Mount Airy	13.33	2.36	4	14	
Stony Hill	15.71	5.37	26	16	9.00
Golden Spring	11.47	2.63	26	21	
Brandon Hill	9.39	5.00	5	8	
Enfield	4.38	2.17	5	8	7.17
Agualta Vale	3.49	0.85	15	10	4.37
Castleton Gardens	17.10	5.75	6	17	10.71
Water Valley	1.93	1.16	7	4	4.25
Albany					4.35
Platfield					
Lawrence Tavern	9.96	2.36	5	15	8.65
Wey Hill	10.36	2.15	6	16	
Richmond, St. Mary	2.82	1.83	20	5	5.20
Quebec, St. Mary	1.81	0.55	6	9	4.88
Above Rocks	9.94	2.07	19	19	
Glengoffe	9.62	1.82	5	11	
Carew Castle	9.14	1.58	19	14	9.82
Hampstead, St. Mary	1.20	0.55	8	3	4.37
Windsor Castle do.	5.57	2.60	27	6	7.08
Troja	6.46	1.43	28	8	7.47
Pear Tree Grove	7.08	1.63	20	10	6.53
Guy's Hill					5.77
Lucky Hill	7.67	2.56	6	10	3.38
Rio Hoe	3.54	1.00	27	6	6.02
Unity Valley	5.41	1.17	6	13	6.67
Moneague	4.90	1.58	6	13	6.51
Claremont	4.15	1.50	22	10	5.09
Averham Park	8.07	3.19	23	16	4.91
Albion	6.12	1.67	23	13	5.97
NORTHERN DIVISION (N)					
Port Maria	1.46	0.51	11	10	5.08
Wentworth	0.35	0.15	26	4	
Jacks River	0.78	0.25	7	6	
Oracabessa					6.73
Retreat	3.67	1.05	7	7	
Huddersfield	2.20	1.00	11	6	5.63
Exchange	2.22	1.10	23	4	
Ocho Rios	1.63	0.80	25	3	3.25
Rockfield	3.25	1.01	27	18	4.45
Liberty Hill	2.01	0.61	15	7	3.11
St. Ann's Bay	2.39	1.00	27	6	3.40
Richmond Estate	1.68	0.70	25	6	3.07
Runaway Bay	1.30	0.87	27	3	2.08
Thatchfield	6.82	1.24	6	12	
Knapdale	7.05	1.76	23	15	6.14
Alexandria	4.53	1.00	19	12	4.78
Bel-Air	2.05	0.75	28	6	3.60
Brown's Town	7.99	1.70	6	18	4.45
Wilton	4.36	0.88	20	13	
Watt Town, St. Ann	8.52	2.63	29	16	4.43
Home Castle	11.58	3.10	19	10	3.65
Stewart Town	8.81	1.30	8	16	
Arcadia	3.94	0.65	12	11	3.34
Vale Royal	3.66	0.60	12	11	4.55
Harmony Hall	2.39	0.95	14	5	2.42
Duncans	2.12	0.80	20	8	3.67
Clark's Town	3.96	0.78	12	13	5.27
Gibraltar	5.74	1.19	29	15	
Falmouth	1.00	0.74	16	2	2.46

STATIONS	August, 1943					STATIONS	August, 1943				
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Ins.	Ins.					Date	Ins.		
NORTHERN DIVISION, contd.					WEST-CENTRAL DIVISION, contd.						
Maroon Town					Wait-a-bit	17.91	3.00	18	17		
Adelphi	5.78	1.30	12	12	Christiana	7.78	1.30	27	15	7.05	
Windsor Lodge					Holmwood	8.64	1.95	18	13		
Latium	7.54	1.80	27	16	Edge Hill	8.07	1.55	27	11		
Barrett Hall					Kendal, Manchester	5.13	1.46	27	13	8.08	
Success	3.92	1.35	28	8	2.25	Mereworth	9.35	1.65	27	16	9.18
Cornwall	4.48	1.77	16	9	Mandeville	8.61	2.00	21	10	8.70	
Rose Hall	4.44	1.85	16	8	2.29	Ulster Spring	6.58	1.15	25	18	8.40
Cinnamon Hill	4.52	2.01	16	8	2.37	Greenvale	10.19	2.20	19	18	6.88
Tryall	4.06	1.55	16	10	4.57	Albert Town	6.24	1.00	19	13	9.00
Running Gut	4.31	1.40	16	8	2.56	Craig Head	10.50	3.70	19	7	
Spring Estate	3.17	0.65	16	10	2.44	Warsop	13.40	2.10	19	17	9.84
Friendship	8.07	1.25	20	15	6.53	Troy	17.45	3.16	23	16	9.90
Irwin	6.97	0.85	19	13	6.61	Wallingford	11.09	3.48	18	18	10.77
Retirement	6.29	1.05	21	15	6.90	Balaclava	7.58	1.38	14	14	8.04
Montego Bay	5.08	0.95	5	14	5.15	Braes River	5.16	2.00	14	8	
Anchovy	7.96	1.16	23	17	6.39	Wakefield	7.81	2.05	16	9	5.05
Hopewell	9.18	2.57	2	11		Appleton	8.74	1.91	11	14	11.15
Blue Hole	4.43	0.64	12	13	6.45	Aberdeen	15.12	3.70	25	19	
Cascade	12.38	1.65	6	19		Accompong	18.07	1.83	24	22	
Lucea	5.66	0.81	19	16	6.15	Maggoty	11.71	2.08	11	17	11.20
Houghton Court	5.53	0.80	20	11	6.46	Lacovia	8.68	1.50	6	16	7.80
Kendal—Hanover	13.21	1.60	29	21		Mulgrave	25.88	3.16	10	26	
Cousin's Cove	12.13	2.92	27	24	7.61	Holland	11.90	2.00	27	18	
Blenheim	12.56	2.27	27	21		Ipswich	16.88	1.89	18	16	
Green River	12.01	2.15	2	23		Ginger Hill	20.26	1.90	25	21	
Green Island	10.32	2.62	27	19	9.24	Kempshot					7.76
Houghton Hall	9.16	1.70	27	23	7.86	Maldon					
						Garlands					
CENTRAL SUB-DIVISION.					Mocho, St. James						
Knollis	6.39	1.20	5	12	9.14	Catadupa	15.41	2.83	20	20	13.17
Highgate (St. Cath.)	10.01	2.36	26	21	11.11	Cambridge	14.11	3.04	23	22	11.03
Rio Magno	3.95	1.21	10	8	8.31	New Market	15.44	2.64	26	19	12.16
Riversdale	7.50	1.40	8	11	9.91	Springfield	21.18	2.18	6	20	
Headworks, R.C.C.	7.32	2.13	9	12	5.87	Seaford Town	22.02	3.00	23	24	
Bog Walk	5.92	1.18	5	10	8.28	Petersville	14.76	1.84	7	24	10.36
Linstead	5.93	1.35	30	14	8.45	Kew Park	14.12	1.50	23	25	11.97
Ewarton	2.93	0.76	2	7		The Bog	16.84	2.52	1	22	12.53
Greenock	3.99	1.00	29	9		Exeter	24.60	2.25	20	24	
Cave Valley	4.60	1.01	29	14	7.25	Bethel Town Dist.	13.00	2.55	23	20	12.75
Guanaboa Vale	5.91	1.43	20	10	7.23	Copse					10.80
Point Hill	7.35	1.85	19	13	10.41	Burnt Ground	11.38	1.82	31	19	10.81
Brown's Hall	6.07	1.70	25	11	7.88	Houghton Grove	12.11	1.86	30	20	11.05
Bellas Gate	4.39	1.15	26	11	7.72	Knockalva	4.02	1.09	26	8	
Rock River	2.53	1.10	28	4	6.71	Darliston	33.47	3.30	26	24	15.16
Croft's Hill	8.54	2.86	26	12	7.96	Whithorn	19.78	3.25	5	22	11.78
Kellit's	6.55	1.27	28	14		Water Works Pen	15.17	3.22	5	24	11.95
Suttons	4.34	1.83	27	9	6.97	Williamsfield, WLD.	19.05	2.18	5	25	
Colonel's Ridge	10.32	3.29	21	14		Petersfield	13.72	2.05	5	22	
Chapelton	4.90	1.62	27	12	6.28	Baulk	12.84	2.83	25	24	
Crooked River	6.72	2.03	27	13	7.65	Askenish	15.93	2.50	12	22	13.30
James Hill	9.30	1.30	27	14		Grange Hill	12.63	1.82	20	27	12.23
Frankfield	10.33	2.95	27	10	8.58	Mount Eagle					
						King's Vale	4.40	0.50	2	24	9.42
WEST-CENTRAL DIVISION (W.C.)					SOUTHERN DIVISION, (S).						
Mocho, Clarendon	13.49	7.56	27	2	6.95	Merant Point L. H.	4.99	1.40	27	20	5.12
Thompson Town	5.21	1.32	30	15		Golden Grove	5.67	1.75	27	14	
Porus	6.59	2.30	27	8		Pleasant Hill	5.71	0.89	27	17	7.13
Borobridge	4.81	1.16	27	6		East Prospect	9.90	1.73	7	19	6.90
Spaldings	6.57	1.82	27	9	7.57	Merant Bay	4.42	1.50	7	7	6.53
Williamsfield	4.33	1.93	27	11	9.69	Lloyds	5.22	1.42	26	10	
Brokenhurst	6.36	1.65	27	11	8.34	Yallahs	2.92	0.80	26	6	5.52
Shooter's Hill	6.81	1.67	27	15	7.73	Easington	3.95	1.23	12	9	6.47

STATIONS	August, 1943					STATIONS	August, 1943				
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Amount	Date					Amount	Date		
		Ins.	Ins.					Ins.	Ins.		
SOUTHERN DIVISION, contd.											
Mavis Bank	3.50	1.14	17	5	6.96	Cottage	2.66	1.32	27	5	4.49
Harbour Head	1.56	0.60	27	7	2.81	Pennants	5.38	1.48	27	12	...
Dallas Castle	3.02	0.76	19	9	8.35	Belle Plain	4.69	1.06	27	10	6.88
Gordon Town	8.52	2.47	19	8	5.88	Milk River	4.10	2.60	27	4	4.29
Irish Town	7.80	2.48	19	11	6.92	Retrieve	4.19	2.01	19	5	4.30
Hope Gardens	6.17	1.93	18	13	6.01	Stone's Hope	6.15	1.80	26	12	6.55
Bamboo Pen	3.10	1.24	19	11	...	Newport, Man.	5.24	1.87	27	8	7.41
Plumb Point L.H.	1.47	0.53	9	6	3.78	Alligator Pond	3.57	1.52	26	6	3.94
King's House Gar.	7.04	1.37	8	11	4.84	Myersville	5.86	0.85	27	10	...
Up-Park Camp	4.24	1.29	9	10	...	Goshen	8.64	2.68	26	8	...
Cavaliers	4.01	1.51	9	8	...	Bull Savannah	3.98	1.55	26	6	...
St. George's College	2.85	1.51	9	8	...	Munro	4.75	0.95	18	12	4.45
Upper Kingston	3.16	1.61	9	8	4.86	Windsor, St. Eliz.	6.01	1.25	31	15	6.96
Parade Garden	2.40	1.47	9	6	...	Torrington	4.24	1.38	17	8	5.46
Kingston P.W.O.	1.77	1.11	9	7	3.15	Santa Cruz	10.92	3.45	18	15	9.16
Shortwood College	7.42	2.61	26	13	...	Hounslow	4.55	0.85	7	8	...
Constant Spring	13.12	3.45	26	21	...	Pedro Plains	2.90	1.56	27	7	3.04
Halfway Tree	3.47	1.00	19	7	4.03	Mountainside	7.79	1.27	11	12	5.42
Clifton Pen	2.79	1.23	9	5	4.34	Fort Charles	...	...	...	...	2.72
Twickenham Pen	2.85	1.12	19	7	...	Black River	7.22	2.00	19	15	6.12
Red Hills	13.26	2.90	26	13	7.73	Mt. Charles	9.54	1.43	11	17	...
Quarantine Station	0.76	0.30	28	6	3.07	Mount Edgecombe	13.60	1.38	5	27	8.31
Hematine	2.85	0.71	8	8	4.41	Bluefields	21.84	2.25	9	21	...
Spanish Town	2.75	0.70	8	9	4.19	Sav.-la-Mar	10.03	1.66	10	18	7.67
Hog Hole, St. Cath.	3.62	1.15	9	10	4.59	Little London	14.87	2.10	10	16	7.35
Old Harbour	5.99	2.60	19	7	5.16	Retreat	8.79	1.49	14	20	8.26
Grove Farm	2.69	0.94	27	6	...	Sheffield	...	...	...	...	...
May Pen	6.83	1.60	8	14	5.35	Negril Point L.H.	4.89	0.96	8	20	6.37
Glen Muir	9.15	4.00	8	6	5.66						

NOTES

COMPARATIVE TABLE OF RAINFALL AND DAYS ON WHICH RAIN FELL

DIVISIONAL AND ISLAND RAINFALL	August			
	Rainfall, inches		Days on which Rain fell	
	1943	Ave.	1943	Ave.
North-eastern	7.22	7.85	12	12
Northern	5.33	5.27	12	9
West-Central	11.97	9.99	17	15
Southern	5.64	5.45	11	10
The Island means	7.54	7.14	13	12

SHOCKS OF EARTHQUAKE IN AUGUST, 1943

Date	Standard Time (Approx.)	Intensity	Notes, where, etc.
9.8.43	12.35	I	Brokenhurst
2.8.43	..	I	Edge Hill

N.B.—IT IS PARTICULARLY REQUESTED THAT ALL RAINFALL POST CARDS BE SENT IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE ISLAND

The mean rainfall for the Island was 7.54 inches, or 0.40 inch above the 70-year average of 7.14 inches.

The greatest fall for the month was 33.47 inches, at Darliston, in the West-Central Division, and the least, 0.35 inch, was recorded at Wentworth in the Northern Division. The greatest fall in 24 hours was 7.56 inches, at Mocho (Clarendon), in the West-Central Division, on the 27th.

The mean number of rain days was 13, the average for the month being 12. The greatest number of rain days, 27, was recorded at Grange Hill, in the West-Central Division, and at Mount Edgewcombe, in the Southern Division.

The mean rainfall in each parish is given below. The 10-year average is also shewn for comparison:—

Parish	1943	10-year Average
	inches	inches
Kingston	2.25	5.61
St. Andrew	8.14	7.25
St. Thomas	6.62	8.21
Portland	7.79	10.48
St. Mary	3.40	6.38
St. Ann	4.70	4.87
Trelawny	7.22	5.36
St. James	7.80	6.11
Hanover	9.65	8.67
Westmoreland	16.11	9.91
St. Elizabeth	10.54	7.00
Manchester	6.85	8.23
Clarendon	6.65	6.81
St. Catherine	5.66	7.46

Westmoreland, with 16.11 inches, was highest; St. Elizabeth, with 10.54 inches, was second and Hanover, with 9.65 inches, was third. Kingston, with 2.25 inches, was the lowest.

CITY OF KINGSTON

The total rainfall for the month of August was 1.77 inch, or 1.38 inch below the 70-year normal of 3.15 inches. There were 7 rain days. The Upper Boundary of Kingston gauged 3.16 inches, with 8 rain days.

Distant rain was observed to the north 13 occasions, to north-east 2, to east 1 and to south on 1 occasion.

Distant lightning was observed to north on the following days: 5th at 4.00 a.m. and 22nd at 2.00 a.m.; to south-east on the 6th at 3.00 a.m. and on the 7th at 9.05 a.m.; to south on the 26th at 7.00 p.m. and to south-west on the 31st at 9.00 p.m.

Distant thunderstorm to north on 11 days, to south-east on 3 days and to north-east, north-west south and east, on 1 occasion each.

Lunar halo (complete) on the 10th, at 8.55 p.m. South-east rainsquall on the 12th and 27th.

The mean barometric pressure was 29.908 inches, or .021 inch below the 33-year normal of 29.929 inches.

Highest barometric reading was 29.967 inches, on the 9th, at 3.00 p.m., and the lowest was 29.822 inches, on the 22nd, at 3.00 p.m., corrected for diurnal variation.

The mean temperature for the month was 81.7° or .7° above the normal of 81.0°. The highest maximum was 93.0°, on the 22nd, and the lowest minimum 72.1°, on the 10th, giving an extreme monthly range of 20.9°. On the other hand, the lowest maximum was 85.4°, on the 7th, and the highest minimum was 77.0°, on the 6th. The greatest range, 18.5°, was recorded on the 22nd, and the least 9.5°, on the 7th. The maximum temperature rose to 90° and above on 20 occasions, and the minimum was 70° and above throughout.

The mean daily miles of wind recorded was 182, or 6% below the 25-year normal of 193. The greatest number of miles of wind recorded in 24 hours was 386, on the 3rd, and the least was 101, on the 21st. The greatest velocity, of short duration, 30 miles per hour, occurred on the 12th at about 3.45 p.m. South-east wind prevailed early on 1 occasion and continued until late on 9 occasions.

The mean relative humidity was 79%, which corresponds with the 33-year normal. The mean 7 a.m., was 80%, and mean 3 p.m., 70%. Lowest 7 a.m., was 67%, on the 2nd, and lowest 3 p.m., 54%, on the 12th.

Overcast conditions prevailed in the forenoon on 15 occasions, and in the afternoon on 21.

Total evaporation for the month was 8.30 inches, the 10-year normal being 7.56 inches.

Mean daily number of sunshine hours 7.3.

(Sgd.) P. BRACELIN,
Instructor Commander, R.N.,
Govt. Meteorologist.

Weather Office, Kingston,
20th Sept., 1943.

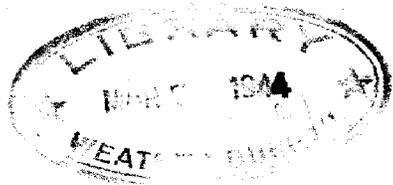
CORRIGENDUM

Weather Report No: 813 — July 1943

Page 3

Amend figures for Balaclava to read as follows:—

Total Fall	5.84	instead of	5.89
Greatest Fall	1.53	“ “	1.42
Date.	3rd.	“ “	5th.
No of Rain Days.	6	“ “	8



JAMAICA

WEATHER REPORT

FOR THE MONTH OF
SEPTEMBER, 1943

The barometric pressures at all the Stations, except the Hill Gardens, are reduced to the standards of Kew 32", gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first two standards only. Thermometers are exposed in Stevensons Screen; their readings have been corrected for instrumental errors.

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

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

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS

STATIONS	Elevation	Bar. Pressure		Temperature (F.)					Extreme Temperature (F.)				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range	Max.	Date	Min.	Date	Range
	ft.	ins.	ins.	°	°	°	°	°	°	°	°	°	°
Morant Point Light House	8	29.910	29.870	82.0	86.6	88.5	78.9	9.6	90.5	28	71.5	24	19.0
Kingston	24	29.901	29.860	77.8	86.5	91.6	75.0	16.6	95.2	16	72.1	7	23.1
Upper Kingston	110	29.907	29.856	77.6	86.5	91.3	74.5	16.8	95.5	16	71.6	7	23.9
Negril Point Light House	33	29.907	29.861	77.9	85.7	88.8	74.3	14.5	90.6	23	72.1	6	18.5
Montego Bay	33	..	..	80.9	88.4	92.3	72.4	19.9	93.5	14*	70.5	15	23.0
Castleton Gardens	496	..	..	67.7	84.8	86.5	64.0	22.5	89.0	5*	60.0	5*	29.0
Hope Gardens	668	29.939	29.923	79.2	82.7	90.1	69.0	21.1	94.0	15	64.0	1	30.0
Hill Gardens, Blue Mountains	4,900	25.196	25.151	63.2	68.3	73.8	56.0	17.8	78.0	15	56.0	2	22.0

STATIONS	Elevation	Dewpoint and Rel. Humidity				Rainfall	Wind per diem	Wind: direction from and miles per hour				Amount of Cloud Lower, Middle and Upper					
		7 a.m.		3 p.m.				7 a.m.		3 p.m.		7 a.m.		3 p.m.			
	ft.	°	%	°	%	ins.	Mls.	Dir.	m.p.h.	Dir.	m.p.h.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	77	85	79	76	1.75	212	E	10.0	E	9.0	2.8	3.5	1.4	1.8	3.0	2.0
Kingston	24	71	78	75	67	1.95	205	N	4.2	SE	11.4	1.9	0.6	3.1	6.0	1.1	0.6
Upper Kingston	110	73	80	78	69	2.27	142	N	4.3	SE	10.9	0.1	0.3	3.8	3.8	1.9	2.2
Negril Point Light House	33	75	85	75	71	4.20	114	NE	3.4	ESE	5.8	1.6	2.6	5.0	0.6	5.9	1.8
Montego Bay	33	75	81	79	76	6.44	..	..	..	..	..	..	..	..	..	..	..
Castleton Gardens	496	62	91	75	92	10.60	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	66	80	75	75	3.89	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens, Blue Mtns.	4,900	53	84	61	86	3.21	..	..	..	..	..	..	..	..	..	..	..

NOTES

- (1) Kingston—As from 1st January, 1943, Temperatures are taken from Thermometers located at Winchester Park.
- (2) Hope Gardens—Observations are taken at 9 a.m. and 3 p.m.
- (3) Montego Bay—Observations are taken at 8 a.m. and 3 p.m.

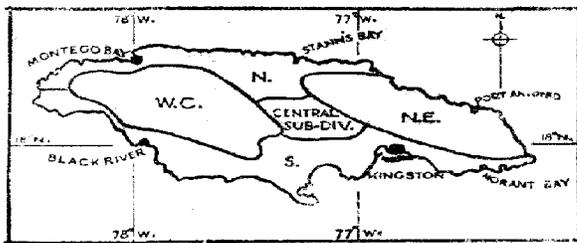
* And on other days.

THE RAINFALL

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last columns contain the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1939". In obtaining the mean rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last columns that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

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

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica", following page 27, 1911 Edition, and of page 33 of 1934 Edition, an outline of which is given below.



STATIONS	Sept., 1943				
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Amount	Date		
NORTH-EASTERN DIVISION (N.E.)	Ins.	Ins.			Ins.
Manchioneal	7.80	1.20	26	17	10.25
Ecclesdown	11.00	1.88	3	20	12.45
Priestman's River					10.40
Bath	4.44	0.80	17	17	9.44
Barrett's Gap	7.62	1.12	16	19	7.31
Millbank	10.95	2.70	16	10	11.85
Bowden Pen	11.35	1.13	4	17	6.44
Moore Town	9.60	2.40	16	11	5.59
Port Antonio	7.20	2.50	14	12	9.27
Passley Garden					5.17
Mt. Pleasant	3.25	1.09	18	6	2.98
Fellowship	4.93	1.40	14	11	4.95
Johnson River Br.	4.40	1.10	14	8	7.56
Trinity Ville	4.92	1.00	6	7	9.71
Fruitful Vale	4.31	0.95	18	15	8.15
Shrewsbury					
Hope Bay	2.18	0.78	19	4	
Cedar Valley	3.31	1.30	4	9	
Swift River	4.21	0.80	16	10	
Lennox					
Bybrook	3.16	1.10	4	10	
Darley	3.98	0.85	18	13	
Spring Garden					
Hill Gardens	3.21	1.54	24	13	
Buff Bay	2.28	0.75	3	4	
Plum Valley					
Belvedere, Portland	3.07	1.83	2	5	
Windsor Castle, do.	1.32	0.65	16	5	
Balcarres	8.67	1.40	23	12	
Mt. Holstein	9.35	2.78	24	15	
Cedar Hurst	7.53	1.10	29	15	

STATIONS	Sept., 1943				
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Amount	Date		
NORTH-EASTERN DIVISION, contd.	Ins.	Ins.			Ins.
Hardware Gap	10.45	2.88	24	14	10.60
Rosc Hill	8.51	1.81	7	19	12.22
Mount Cressy	15.39	2.50	12	19	
Hermitage	8.09	1.98	6	17	9.69
Mount Airy	13.23	3.10	24	16	
Stony Hill	8.57	2.21	28	16	9.93
Golden Spring	8.91	1.62	28	15	
Brandon Hill	5.99	1.06	29	9	
Enfield	1.21	0.55	24	4	6.74
Agualta Vale	1.36	1.09	12	4	4.71
Castleton Gardens	10.60	2.75	29	12	12.12
Water Valley	1.20	0.72	3	4	4.66
Albany					4.43
Platfield					
Lawrence Tavern	9.48	2.10	21	13	9.80
Wey Hill	5.53	1.05	27	13	
Richmond, St. Mary	2.04	1.36	2	3	5.91
Quebec, St. Mary	0.23	0.12	14	3	4.77
Above Rocks	7.95	1.58	21	18	
Glengoffe	11.78	2.95	21	14	
Carew Castle	11.64	3.41	21	17	13.65
Hampstead, St. Mary	1.65	0.85	12	3	5.82
Windsor Castle, do.	2.49	1.10	29	5	5.00
Troja	5.21	1.76	2	7	5.97
Pear Tree Grove	2.75	1.00	2	5	5.78
Guy's Hill	4.34	1.75	14	6	7.04
Lucky Hill	3.07	1.54	28	7	3.65
Rio Hoe	1.95	1.10	14	4	6.09
Unity Valley	5.11	1.70	7	7	7.84
Moneague	2.90	1.75	4	7	7.07
Claremont	2.60	0.95	28	7	6.11
Averham Park	2.38	0.67	28	7	5.50
Albion	5.68	1.20	24	9	7.26
NORTHERN DIVISION (N)					
Port Maria	0.53	0.20	19	5	4.29
Wentworth	0.20	0.10	29	3	
Jacks River	0.75	0.25	25	6	
Oracabessa					5.75
Retreat	1.65	1.00	2	5	
Huddersfield	0.75	0.23	25	5	3.89
Exchange	0.53	0.53	14	1	
Ocho Rios	2.51	1.50	28	3	3.59
Rockfield	1.40	0.37	28	11	4.59
Liberty Hill	1.84	0.34	28	8	3.47
St. Ann's Bay	2.01	0.68	28	7	3.48
Richmond Estate	2.33	0.86	27	7	3.63
Runaway Bay	2.36	1.43	28	5	2.32
Thatchfield	7.33	1.88	24	10	
Knapdale	2.54	0.63	27	10	5.04
Alexandria	5.10	1.14	28	11	6.17
Bel-Air	2.85	0.70	28	7	3.79
Brown's Town	5.95	1.66	24	12	5.43
Wilton	2.43	0.72	25	10	
Watt Town, St. Ann	3.41	0.87	29	8	5.74
Home Castle	2.85	1.00	28	4	5.11
Stewart Town	2.65	0.69	28	10	
Arcadia	2.35	0.85	28	7	4.10
Vale Royal	3.42	0.94	28	8	4.46
Duncans	3.27	0.85	25	9	2.27
Harmony Hall	2.06	0.55	21	7	3.53
Clark's Town	6.49	1.30	12	12	4.27
Gibraltar	11.13	1.96	21	14	
Falmouth	3.63	0.84	4	9	3.23

STATIONS	Sept., 1943					STATIONS	Sept., 1943				
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Amount	Date					Amount	Date		
NORTHERN DIVISION, <i>contd.</i>	Ins.	Ins.			Ins.	WEST-CENTRAL <i>DIVISION, contd.</i>	Ins.	Ins.			Ins.
Adelphi	2.79	0.72	12	9		Wait-a-bit	11.49	2.30	2	15	
Irwin	7.38	1.03	3	13	6.99	Christiana	6.72	2.73	2	11	8.70
Barrett Hall						Holmwood	6.45	2.73	2	14	
Success	1.08	0.40	26	4	3.37	Edge Hill	1.55	1.15	6	4	
Cornwall	0.95	0.30	18	4		Kendal, Manchester	3.86	0.87	4	12	9.28
Rose Hall	1.70	1.05	26	5	3.33	Mereworth	5.04	2.16	6	19	10.94
Cinnamon Hill	1.64	0.97	26	4	3.67	Mandeville	2.63	1.91	6	3	9.92
Tryall	1.54	0.65	26	6	4.61	Ulster Spring	7.05	1.87	25	13	9.83
Running Gut	1.48	0.95	26	4	3.54	Greenvale	2.99	1.32	2	10	7.81
Spring Estate	1.98	0.85	26	5	3.58	Albert Town	8.06	2.60	25	12	10.26
Friendship	7.39	1.32	11	11	7.49	Craig Head	5.27	1.34	21	6	
Windsor Lodge	3.61	0.60	13	13		Warsop	7.81	2.00	27	20	9.59
Latium	5.02	1.37	28	13		Troy	12.19	2.50	9	13	13.13
Retirement	8.04	1.31	3	15	8.46	Wallingford					11.76
Rose Mount						Balaclava	10.31	2.11	23	16	10.30
Montego Bay	6.44	1.53	2	11	6.38	Braes River	10.33	2.24	2	12	
Anchovy	7.59	1.53	14	16	6.89	Wakefield	3.19	1.02	25	9	6.45
Hopewell	4.24	1.36	28	10		Appleton	13.67	2.66	30	17	11.74
Blue Hole	5.93	2.07	21	14	8.54	Aberdeen	12.14	1.84	28	19	
Cascade	21.61	2.50	28	16		Accompong	12.23	3.10	22	18	
Lucea	4.19	1.10	26	12	7.76	Maggotty	10.26	1.61	10	20	11.42
Haughton Court	4.66	1.90	26	7	6.92	Lacovia	4.42	1.50	2	10	5.55
Kendal—Hanover	16.79	3.26	16	20		Mulgrave	16.55	2.80	22	21	
Blenheim	8.18	2.28	29	19		Holland	4.27	0.66	2	11	
Cousins Cove	7.85	1.45	29	24	7.78	Ipswich	12.15	1.80	21	21	
Green River	12.59	2.30	18	15		Ginger Hill	14.54	1.89	3	18	
Green Island	10.10	1.69	29	18	9.54	Kempshot					8.96
Haughton Hall	8.12	0.92	4	21	7.96	Garlands	11.77	2.40	5	17	
CENTRAL SUB-DIVISION						Mochó, St. James	13.78	2.25	8	18	11.83
Knollis	3.83	1.38	28	7	7.46	Catadupa	11.65	2.32	21	19	13.72
Highgate (St. Cath.)	6.44	1.64	11	18	9.69	Cambridge	15.04	4.02	21	18	12.04
Rio Magno	5.53	1.90	13	7	5.43	New Market	11.28	2.15	8	18	11.50
Riversdale	8.94	3.50	21	8	8.08	Springfield					
Headworks, R.C.C.	3.42	1.75	20	5	6.19	Petersville	6.14	1.27	23	17	9.48
Bog Walk	2.48	1.08	28	4	6.89	Kew Park	11.91	2.36	21	20	12.06
Linstead	4.12	1.45	21	6	7.40	Seaford Town	14.70	2.85	30	12	
Ewarton	2.33	1.40	21	3		The Bog	11.19	1.48	8	15	12.38
Cave Valley	5.49	1.73	28	9	7.66	Exeter	16.56	3.25	8	24	
Guanaboa Vale	3.94	1.85	13	7	5.97	Bethel Town Dist.	12.43	2.80	27	13	14.22
Point Hill	6.54	1.65	21	9	10.65	Burnt Ground	11.13	1.78	20	17	12.69
Brown's Hall	3.86	0.95	27	16	9.81	Copse					10.54
Bellas Gate	3.70	0.95	3	12	5.64	Haughton Grove	12.11	2.44	24	20	12.12
Rock River	4.92	2.04	28	7	5.90	Knockalva					
Crofts Hill	4.29	2.14	10	7	8.41	Darliston	17.06	3.05	8	21	14.61
Kellitts	9.46	2.52	2	16		Whithorn	9.39	1.65	28	14	11.17
Suttons	5.68	1.33	2	10	7.48	Water Works Pen	7.88	1.55	9	20	11.01
Colonel's Ridge	6.76	1.94	11	12		Williamsfield, Wld.	14.12	2.10	2	21	
Chapelton	4.21	1.06	21	12	7.77	Petersfield	5.66	0.80	6	16	
Crooked River	4.37	2.16	11	10	7.14	Baulk	9.73	2.50	8	23	
James Hill	6.35	1.34	24	13		Askenish	16.38	2.20	11	17	11.60
Frankfield	6.98	1.25	24	13	8.09	Grange Hill	12.54	2.16	8	25	12.02
						Mount Eagle					
						King's Vale	4.70	0.65	17	20	9.76
WEST-CENTRAL DIVISION (W.C.)						SOUTHERN DIVISION, (S).					
Mochó, Clarendon	8.58	3.26	5	6	9.18	Morant Point L. H.	1.75	0.33	26	12	6.85
Thompson Town	5.12	1.45	6	11		Golden Grove	4.26	1.75	26	12	
Porus	1.36	0.60	4	3		Pleasant Hill	5.47	2.02	26	15	8.85
Boro-bridge	4.12	1.80	2	6		East Prospect	3.72	0.82	26	12	8.85
Spaldings	4.85	1.60	2	6	7.82	Morant Bay	3.02	1.35	3	6	8.12
Williamsfield					9.02	Lloyds	3.14	0.64	7	10	
Brokenhurst	5.05	1.12	4	10	9.99	Yallahs	2.26	0.68	13	6	7.04
Shooter's Hill	3.67	1.08	6	13	8.81	Essington					8.39
						Mavia Bank	4.15	2.00	25	5	7.29

STATIONS	Sept, 1943					STATIONS	Sept., 1943				
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Ins.	Ins.					Date	Ins.		
SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.	SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.
Bull Bay MARBOUR HEAD	3.90	1.20	6	7	3.85	Cottage	4.31	1.14	1	10	6.40
Dallas Castle	3.81	1.86	6	10	10.92	Belle Plain	8.88	2.00	23	10	8.12
Gordon Town	3.26	1.70	30	5	8.06	Milk River	...	...	...	...	6.76
Irish Town	5.74	1.50	25	7	8.55	Retrieve	3.36	1.40	22	6	6.43
Hope Gardens	3.89	1.60	2	14	7.14	Stone's Hope	2.05	0.55	2	8	8.58
Bamboo Pen	2.90	1.33	22	12	...	Newport, Man.	5.24	1.87	27	8	8.23
Plumb Point L.H.	1.93	1.53	22	2	4.32	Alligator Pond	2.80	0.70	2	7	5.34
King's House Gar.	2.76	1.15	22	11	5.44	Myersville	4.49	1.05	1	10	...
Up-Park Camp	2.24	1.36	22	11	...	Goshen	7.43	3.03	3	7	...
Cavaliers	2.36	1.15	22	12	...	Munro	4.18	1.20	1	14	5.98
St. George's College	2.45	1.15	22	6	...	Windsor, St. Eliz.	3.80	1.18	28	15	7.64
Upper Kingston	2.27	0.98	22	9	4.53	Torrington	3.29	1.38	21	6	6.45
Parade Garden	2.40	1.47	9	6	...	Santa Cruz	9.15	2.27	6	12	9.41
Shortwood College	3.08	1.75	22	4	...	Hounslow	2.11	0.69	28	6	...
Kingston P.W.O.	1.95	0.81	22	7	3.36	Pedro Plains	2.33	0.52	24	8	4.10
Constant Spring	7.96	1.96	22	14	...	Bull Savannah	3.56	1.10	1	6	...
Halfway Tree	1.41	1.13	22	6	4.82	Mountainside	5.96	2.10	6	10	5.13
Clifton Pen	2.58	1.14	22	7	4.49	Fort Charles	2.03	1.08	26	3	3.53
Twickenham Pen	1.82	0.85	20	3	...	Black River	2.66	0.80	22	9	5.27
Red Hills	6.75	3.40	22	13	8.14	Mt. Charles	5.07	0.82	22	17	...
Quarantine Station	2.50	2.00	7	6	3.25	Mount Edgecombe	10.40	3.61	21	21	7.99
Hematine	3.23	1.65	22	3	4.51	Bluefields	10.04	1.65	16	14	...
Spanish Town	2.47	1.08	22	6	4.84	Sav.-la-Mar	8.50	2.00	8	15	7.14
Hog Hole, St. Cath.	2.08	1.35	22	7	5.68	Little London	12.09	2.65	30	12	9.37
Old Harbour	2.28	1.02	1	5	6.01	Retreat	6.01	1.21	8	19	7.44
Grove Farm	3.97	2.09	22	8	...	Sheffield	...	...	...	...	...
May Pen	4.76	2.85	2	10	6.72	Negril Point L.H.	4.20	0.67	24	21	6.39
Glen Muir	5.50	3.00	2	4	4.92						
Pennants	3.98	0.86	21	12	...						

NOTES

COMPARATIVE TABLE OF RAINFALL AND DAYS ON WHICH RAIN FELL

DIVISIONAL AND ISLAND RAINFALL	Sept.			
	Rainfall, inches		Days on which Rain fell	
	1943	Ave.	1943	Ave.
North-eastern	5.09	8.30	10	13
Northern	4.06	5.83	9	11
West-central	8.97	10.57	15	16
Southern	4.25	6.49	9	11
The Island means	5.59	7.80	11	13

SHOCKS OF EARTHQUAKE IN SEPT., 1943

Date	Standard Time (Approx.)	Intensity	Notes, where, etc.
None reported.			

N.B.—IT IS PARTICULARLY REQUESTED THAT ALL RAINFALL POST CARDS BE SENT IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE ISLAND

The mean rainfall for the Island was 5.59 inches, or 2.21 inches below the 70-year average of 7.80 inches. The Divisional Means were also below their normals.

The greatest fall for the month was 21.61 inches, at Cascade, in the Northern Division, and the heaviest fall in 24 hours was 4.02 inches, at Cambridge, in the West-Central Division, on the 21st.

The mean number of raindays was 11, the average for the month being 13. Grange Hill, in the West-Central Division, had the greatest number, 25, and the least number, 1, was recorded at Exchange, in the Northern Division.

The mean rainfall in each parish is given below. The 10-year average is also shown for comparison:—

Parish	September,	10-year
	1943	Normal
	Inches	Inches
Kingston	2.20	3.88
St. Andrew	5.86	8.42
St. Thomas	4.02	9.59
Portland	6.11	18.90
St. Mary	2.21	6.40
St. Ann	3.25	5.59
Trelawny	6.06	6.26
St. James	5.83	6.31
Hanover	9.57	8.84
Westmoreland	10.56	9.62
St. Elizabeth	7.53	7.84
Manchester	3.77	9.28
Clarendon	5.73	7.38
St. Catherine	4.57	6.70

Westmoreland, with 10.56 inches, was highest; Hanover, with 9.57 inches, was second, and St. Elizabeth, with 7.53 inches, was third. Kingston with 2.20 inches, was lowest.

CITY OF KINGSTON

The total rainfall for the month of September was 1.95 inch, or 1.41 inch below the 70-year average of 3.36 inches. There were 7 rain days. The upper boundary of Kingston gauged 2.27 inches, with 9 rain days.

Distant rain was observed as follows: to north on 10 occasions, to north-east on 3, to north-west on 5, and to east and east-south-east on 1 occasion each.

Distant lightning was observed to north on 2 days, to north-east on 3, and to north-west, east, south-east, west, south-west and west-southwest on 1 day each.

Distant thunderstorm occurred to north on the 6th, 7th, 8th, 13th, 14th, 22nd, 28th, 29th, and 30th; to north-east on the 24th; to north-west on the 1st, 12th, 27th, and 28th; to east on the 3rd; to south-east on the 2nd, and to east-south-east on the 6th.

Sharp Local Thunderstorm on the 11th, at 3.15 p.m., and on the 22nd, at 3.50 p.m.

South-east rain squall on the 4th, at 10.20 a.m., and on the 14th, at 2.06 p.m.

A Solar Halo was visible on the 2nd, at about 2.00 p.m.

The mean barometric pressure was 29.892 inches, or .003 inch above the 33-year normal of 29.889 inches. Highest barometer reading was 29.980 inches, on the 4th, at 3.00 p.m., and the lowest was 29.827 inches, on the 2nd, at 7 a.m., corrected for diurnal variation.

The mean temperature based upon four observations per day, was 82.7°, or 2.1° above the 33-year normal of 80.6°. The highest maximum was 95.2°, on the 16th, and the lowest minimum was 72.1°, on the 7th, giving an extreme monthly range of 23.1°. On the other hand, the lowest maximum was 90.2°, on the 24th, and the highest minimum was 77.4° on the 19th. The greatest range was 20.0°, on the 11th, and the least was 13.2°, on the 17th. The maximum temperature rose to 90° and above on 28 days, and the minimum was 70° and above throughout the month.

The mean daily miles of wind recorded was 205, or 21% above the 25-year normal of 169. The greatest number of miles of wind recorded in 24 hours was 350, on the 17th, and the least was 117, on the 24th. Greatest velocity, of short duration, was 36 miles per hour, on the 14th, at about 2.00 p.m. South-east wind prevailed late on 12 occasions and early on 1 occasion.

The mean relative humidity was 76%, or 6% below the normal of 82%. Mean 7 a.m. was 78% and mean 3 p.m. 67%. Lowest 7 a.m. 66% on the 18th, and lowest 3 p.m., 53% on the 17th and 18th.

Overcast conditions prevailed in the forenoon on 11 occasions, and in the afternoon on 22.

Total evaporation for the month was 8.50 inches, the 20-year normal being 5.31 inches.

Mean sunshine hours for the month 7.7.

(Sgd.) P. BRACBLIN,
Instructor Commander, R.N.,
Govt. Meteorologist.

Weather Office, Kingston,
20th Oct., 1943.



JAMAICA

WEATHER REPORT

FOR THE MONTH OF
OCTOBER, 1943

The barometric pressures at all the Stations, except the Hill Gardens, are reduced to the standards of Kew 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first two standards only. Thermometers are exposed in Stevensons Screen; their readings have been corrected for instrumental errors.

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

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

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

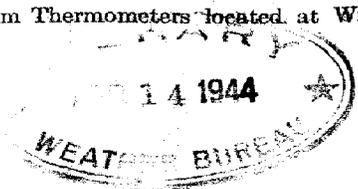
METEOROLOGICAL RESULTS

STATIONS	Elevation	Bar. Pressure		Temperature (F.)					Extreme Temperature (F.)				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range	Max.	Date	Min.	Date	Range
Morant Point Light House	8	29.843	29.801	79.3	83.2	86.1	74.7	11.4	90.0	4	71.0	4	19.0
Kingston	24	29.839	29.805	76.3	83.5	87.9	74.2	13.7	92.3	4	71.5	31	20.8
Upper Kingston	110	29.843	29.801	75.5	83.8	87.9	73.3	14.1	92.7	4	70.4	31	22.3
Negril Point Light House	33	29.837	29.789	77.7	81.7	86.8	74.1	12.7	91.3	11	71.3	15	20.0
Montego Bay	33	..	..	77.5	85.0	88.4	71.1	17.3	92.5	3*	63.0	27	29.5
Castleton Gardens	496	..	..	..	..	84.8	61.3	20.5	88.0	6	60.0	11	28.0
Hope Gardens	668	29.872	29.797	76.4	..	86.4	70.2	16.2	91.0	5	63.0	31	28.0
Hill Gardens, Blue Mountains	4,900	25.146	25.094	62.2	65.3	69.2	59.8	9.4	75.0	5	57.0	28*	18.0

STATIONS	Elevation	Dewpoint and Rel. Humidity				Rainfall	Wind per diem	Wind: direction from and miles per hour				Amount of Cloud Lower, Middle and Upper					
		7 a.m.		3 p.m.				7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.			3 p.m.		
Morant Point Light House	8	75	89	77	83	19.64	224	E	10.0	SE	10.0	2.9	4.0	1.5	3.5	3.5	1.9
Kingston	24	72	85	74	73	8.40	175	NNE	5.2	SE	10.9	4.2	0.8	1.8	7.1	1.4	0.6
Upper Kingston	110	72	87	75	75	8.37	134	NNE	4.3	SE	7.5	3.4	0.5	2.0	5.3	0.8	3.4
Negril Point Light House	33	76	94	76	81	8.99	166	SE	7.4	ESE	10.0	2.8	0.6	4.4	5.0	4.5	2.4
Montego Bay	33	72	84	77	76	11.12	..	E	..	ENE	..	..	..	..	..	..	..
Castleton Gardens	496	..	..	..	..	17.32	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	..	87	..	72	10.98	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens, Blue Mtns.	4,900	61	90	64	93	29.33	..	..	..	..	..	..	..	..	..	..	..

NOTES

- (1) Kingston—As from 1st January, 1943, temperatures are taken from Thermometers located at Winchester Park.
 - (2) Hope Gardens—Observations are taken at 9 a.m. and 3 p.m.
 - (3) Montego Bay—Observations are taken at 8 a.m. and 3 p.m.
- * And on other days.

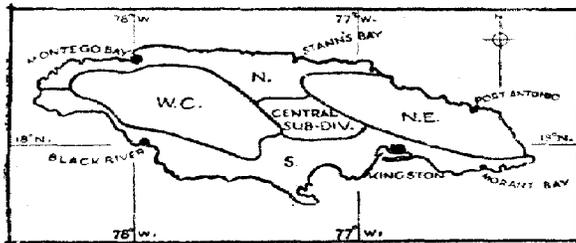


THE RAINFALL

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last columns contain the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1939". In obtaining the mean rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last columns that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

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

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica", following page 27, 1911 Edition, and of page 33 of 1934 Edition, an outline of which is given below.



October, 1943

STATIONS	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Amount	Date		
NORTH-EASTERN DIVISION (N.E.)	Ins.	Ins.			Ins.
Manchioneal	33.69	4.48	28	22	17.35
Ecclesdown	31.67	3.81	28	23	
Priestman's River	27.27	5.10	28	19	15.37
Bath	19.95	2.46	25	24	17.82
Barrett's Gap	36.32	3.80	28	26	
Millbank	27.75	4.85	22	19	28.86
Bowden Pen	26.76	3.50	22	24	
Moore Town	21.69	3.04	25	21	20.50
Port Antonio	27.20	6.00	23	18	14.51
Passley Garden	22.08	2.75	24	17	16.57
Fellowship	25.20	6.00	22	23	17.13
Johnson River Br.	25.19	5.10	26	19	15.02
Trinity Ville	26.11	5.30	22	20	19.87
Fruitful Vale	13.67	1.96	27	19	
Shrewsbury					12.51
Hope Bay	15.40	3.80	28	12	14.02
Cedar Valley	32.33	7.50	26	25	15.49
Swift River	15.86	2.76	26	18	
Lennox					12.28
Bybrook					
Darley	11.77	3.63	28	18	
Spring Garden	9.20	3.06	28	12	8.50
Hill Gardens	29.33	6.35	26	26	16.37
Buff Bay	11.30	3.59	28	14	9.62
Plum Valley					
Belvedere, Portland					8.45
Windsor Castle, do	27.27	5.10	28	19	8.25
Balcarres					18.53
Mt. Holstein					13.81
Cedar Hurst					19.16

STATIONS	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Amount	Date		
NORTH-EASTERN DIVISION, contd.	Ins.	Ins.			Ins.
Hardware Gap	18.08	5.50	26	18	16.12
Mt. Pleasant					
Rose Hill	16.73	4.00	26	25	15.32
Mount Cressy	16.14	3.75	26	24	
Hermitage	17.01	4.27	26	22	15.20
Mount Airy	14.23	4.02	26	15	
Stony Hill	14.10	3.79	26	18	14.30
Golden Spring	12.23	2.18	25	19	
Brandon Hill	8.27	2.25	26	8	
Enfield	2.58	0.60	25	7	13.69
Agualta Vale	8.46	1.50	27	11	7.05
Castleton Gardens	17.32	4.87	26	19	15.59
Water Valley	7.82	2.10	28	13	7.28
Albany					8.07
Platfield					
Lawrence Tavern	15.07	3.58	26	16	12.18
Wey Hill	13.07	3.50	26	15	
Richmond, St. Mary	8.20	2.30	26	14	8.45
Quebec, St. Mary	13.51	4.08	28	11	10.09
Above Rocks	14.81	4.55	26	22	
Glengoffe	11.61	4.00	26	11	
Carew Castle	12.05	4.28	23	16	12.37
Hampstead, St. Mary	14.45	3.00	26	12	8.91
Windsor Castle do.	17.86	3.87	26	21	12.76
Troja	11.66	3.00	26	9	10.55
Pear Tree Grove	13.67	3.35	26	11	10.95
Guy's Hill	13.29	2.83	26	21	9.59
Lucky Hill	10.98	2.25	28	13	9.05
Rio Hoe	15.08	2.78	25	14	9.15
Unity Valley	13.54	2.56	26	19	9.64
Moneague	13.57	2.09	26	19	9.32
Claremont	13.20	2.25	14	19	8.59
Averham Park	17.02	2.42	14	19	10.57
Albion	12.40	1.92	25	20	9.05
NORTHERN DIVISION (N)					
Port Maria	12.69	4.28	29	15	8.46
Westworth	9.30	2.60	29	8	
Jacks River	14.66	3.80	29	14	
Oracabessa	15.74	4.74	29	14	11.01
Retreat	9.86	2.67	30	11	
Exchange	12.94	2.83	30	7	
Ocho Rios	13.54	4.10	29	10	6.26
Rockfield	10.61	2.53	29	20	7.55
Liberty Hill	7.19	2.10	13	13	5.95
St. Ann's Bay	8.85	2.95	29	14	6.94
Richmond Estate	8.38	2.74	29	9	6.81
Runaway Bay	7.84	1.86	29	12	4.13
Thatchfield	7.64	1.84	4	11	
Knapdale	8.42	2.30	4	11	9.41
Alexandria	7.72	1.76	25	11	8.20
Bel-Air	8.20	2.50	29	11	7.86
Brown's Town	8.81	2.28	4	13	8.62
Wilton	8.23	2.63	29	11	
Watt Town, St. Ann	10.27	2.58	17	13	7.29
Home Castle	9.82	2.68	29	9	7.18
Stewart Town	10.51	2.82	29	13	
Arcadia	7.10	2.30	29	12	6.45
Vale Royal	9.06	3.55	4	14	6.62
Harmony Hall	9.08	3.02	29	13	5.35
Duncans	9.46	0.93	25	11	6.19
Clark's Town	8.95	1.90	4	10	9.04
Gibraltar	9.13	1.82	4	16	
Falmouth	11.97	3.27	29	17	5.66

STATIONS	October, 1943					STATIONS	October, 1943					
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average	
		Ins.	Amount					Date	Ins.			Amount	Date
NORTHERN DIVISION, contd.						WEST-CENTRAL DIVISION, contd.						
Maroon Town	8.85	2.88	7	12		Wait-a-bit	16.77	3.47	25	18		
Adelphi	11.02	2.05	7	16		Christiana	18.11	4.00	25	19	11.13	
Windsor Lodge	9.92	1.80	2	14		Holmwood	15.12	3.35	25	20		
Latium	9.26	2.20	29	12	6.26	Edge Hill	19.60	4.20	25	15		
Barrett Hall	10.09	1.60	7	9		Kendal, Manchester	14.00	3.65	25	20	13.27	
Success	6.99	1.60	29	12	6.71	Mereworth	19.63	4.22	25	22	16.41	
Cornwall	7.47	2.06	29	12	6.81	Mandeville	16.39	3.91	25	16	14.72	
Rose Hall	6.45	1.70	29	13	6.36	Ulster Spring	11.80	2.40	17	17	11.72	
Cinnamon Hill	11.08	1.75	29	12	5.94	Greenvale	13.62	2.20	25	19	10.98	
Tryall	5.95	1.75	29	12	6.33	Albert Town	11.50	2.45	17	14	11.79	
Running Gut	9.43	1.59	25	14	10.24	Craig Head	8.88	3.24	25	7		
Spring Estate	9.82	1.67	25	15	6.86	Waysop	13.37	2.74	17	17	15.43	
Friendship	13.48	1.95	25	16	9.54	Troy	17.12	2.50	17	17	15.89	
Irwin	11.12	2.34	10	13	7.68	Wallingford	11.81	2.13	25	26	14.23	
Retirement	11.70	1.94	14	17	6.94	Balaclava	12.80	1.46	17	20	12.46	
Montego Bay	12.39	1.55	17	16		Braes River	9.85	2.00	24	21		
Anchovy	8.87	2.28	25	17	10.63	Wakefield	10.68	2.92	26	11	9.25	
Hopewell	18.81	3.81	25	18		Appleton	19.36	2.35	25	23	13.59	
Blue Hole	8.46	2.73	25	21	8.60	Aberdeen	15.57	2.73	17	21		
Cascade	9.17	3.04	25	15	7.54	Accompong	14.41	2.06	27	16		
Luca	10.43	6.45	26	5		Maggotty	15.66	2.59	6	24	13.88	
Haughton Court	15.55	5.05	25	19	10.78	Lacovia	11.93	2.10	25	18	10.98	
Blenheim	16.47	3.75	25	19		Mulgrave	20.93	2.82	25	22		
Green River	14.19	5.80	25	14		Holland	14.29	2.95	25	23		
Green Island	16.22	5.61	25	15	8.98	Ipswich	13.03	1.74	24	19		
Haughton Hall	8.57	2.68	25	16	8.64	Ginger Hill	18.90	4.05	12	16		
						Kempshot					9.97	
						Maldon						
CENTRAL SUB-DIVISION						Garlands	17.79	3.01	14	18		
Knollis	13.13	2.55	26	14	11.41	Mocho, St. James	28.07	4.25	17	21	19.02	
Highgate (St. Cath.)	11.23	2.30	26	26	13.40	Catadupa	14.35	2.66	25	18	14.92	
Rio Magno	10.73	3.20	26	12	10.40	Cambridge	10.52	2.14	3	17	13.28	
Riversdale	10.47	3.42	27	10	10.52	New Market	13.18	4.48	25	18	13.84	
Headworks, R.C.C.	12.31	2.15	23	16	9.35	Springfield	16.28	4.58	25	16		
Bog Walk	16.46	3.67	26	18	11.48	Seaford Town	21.21	4.30	26	13		
Linstead	10.96	3.58	25	17	9.67	Petersville	9.30	2.80	25	18	11.41	
Ewarton	15.67	3.60	26	17		Kew Park	14.53	2.70	7	25	12.27	
Greenock	14.38	4.16	24	19		The Bog	8.50	1.52	7	14	14.10	
Cave Valley	14.93	4.20	25	18	9.47	Exeter	14.00	3.75	25	19		
Guanaboa Vale	16.83	2.70	25	17	11.99	Bethel Town Dist.	12.90	2.20	25	16	15.42	
Point Hill	24.21	3.50	25	22	14.91	Copse	21.01	3.05	12	14	10.07	
Brown's Hall	22.73	2.40	26	25	12.12	Burnt Ground	14.47	3.14	7	18	12.59	
Bellas Gate	24.91	3.51	26	22	12.95	Haughton Grove	18.45	3.87	7	20	11.82	
Rock River	14.98	2.40	12	13	13.84	Knockalva	23.04	4.01	12	16		
Croft's Hill	17.93	3.82	12	19	11.71	Darliston	15.28	2.73	12	17	15.48	
Kellit's	13.46	1.80	25	24		Whithorn	5.55	1.40	11	7	12.99	
Suttons	15.51	2.34	12	18	13.87	Water Works Pen	7.58	3.05	25	15	11.85	
Colonel's Ridge	15.16	2.10	12	20		Williamsfield, WLD.	19.88	5.10	26	24		
Chapelton	14.45	2.22	25	22	12.21	Petersfield	8.64	3.17	25	16		
Crooked River	9.04	2.25	25	16	11.29	Baulk	10.56	2.13	22	18		
James Hill	14.26	2.95	25	14		Askenish	15.47	3.20	25	15	15.46	
Frankfield	17.78	3.50	25	18	11.83	Grange Hill	11.09	2.16	25	16	12.97	
						Mount Eagle						
						King's Vale	4.96	1.30	25	17	8.65	
WEST-CENTRAL DIVISION (W.C.)						SOUTHERN DIVISION, (S).						
Mocho, Clarendon	37.11	9.33	23	16	1.37	Morant Point L. H.	19.64	2.50	19	21	11.71	
Thompson Town	19.44	3.73	25	19		Golden Grove	23.82	4.65	7	21		
Porus	12.05	2.40	25	14		Pleasant Hill	20.45	2.55	21	21	14.16	
Borobridge	15.56	3.26	25	10		East Prospect	18.29	2.23	25	23	13.92	
Spaldings	17.17	3.50	25	15	13.27	Morant Bay	15.05	2.28	25	15	13.06	
Williamsfield	16.88	2.80	24	16	13.16	Lloyds	17.31	3.69	22	19		
Brokenhurst					14.24	Yallahs	11.22	2.00	26	7	13.41	
Shooter's Hill	16.36	3.50	25	20	12.00	Easington	15.09	4.09	26	17	12.17	

STATIONS	October, 1943					STATIONS	October, 1943				
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Amount	Date					Amount	Date		
SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.	SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.
Mavis Balk	17.31	3.50	25	18	17.13	Cottage	22.77	5.65	22	17	10.55
Harbour Head	8.42	2.15	26	13	7.38	Pennants	13.65	2.25	23	17	
Dallas Castle	13.25	3.46	26	20	16.15	Belle Plain	22.89	3.93	23	16	15.19
Gordon Town	22.22	6.00	26	18	13.04	Milk River	4.21	3.12	25	15	8.34
Irish Town	16.46	5.80	26	17	12.13	Retrieve					9.63
Hope Gardens	10.98	4.20	26	22	10.00	Stone's Hope	15.93	4.20	25	16	12.37
Bamboo Pen	10.47	4.68	26	22		Newport, Man.	13.32	4.45	25	18	12.14
Plumb Point L.H.	8.10	4.80	5	13	7.29	Alligator Pond	9.71	2.16	25	11	7.73
King's House Gar.	8.82	3.30	26	19	8.48	Myersville	14.62	3.24	25	12	
Up-Park Camp	8.64	2.77	26	24		Goshen	13.96	3.37	14	12	
Cavaliers	8.83	3.19	26	24		Bull Savannah	12.75	2.77	25	11	
St. George's College	8.79	3.21	26	23		Munro	16.41	3.28	25	25	10.25
Upper Kingston	8.37	2.96	26	19	7.43	Windsor, St. Eliz.	21.69	7.75	14	22	11.35
Parade Garden	6.70	2.40	26	14		Torrington	17.00	3.18	26	16	10.12
Kingston P.W.O.	8.40	2.51	26	18	6.19	Santa Cruz	13.73	2.52	25	21	12.13
Shortwood College	9.63	3.03	26	12		Hounslow	9.19	1.80	26	14	
Constant Spring	11.96	3.32	26	21		Pedro Plains	8.50	2.85	25	11	5.82
Halfway Tree	7.10	2.65	26	11	8.33	Mountainside	15.20	3.41	17	18	8.34
Clifton Pen	10.43	2.37	26	20	7.39	Fort Charles	4.50	1.96	25	8	5.70
Twickenham Pen	8.46	2.00	26	18		Black River	9.44	2.97	25	15	8.14
Red Hills	10.79	4.05	26	14	13.34	Mt. Charles	12.21	4.12	25	24	
Quarantine Station	12.05	4.28	23	16	6.21	Mount Edgecombe	11.65	2.27	21	23	10.07
Hematine	10.42	2.95	23	17	7.50	Bluefields	19.05	2.75	21	16	
Spanish Town	12.50	4.50	23	22	8.57	Sav.-la-Mar	10.17	2.84	25	14	8.55
Hog Hole, St. Cath.	12.80	3.09	23	19	9.34	Little London	15.22	3.62	25	13	11.12
Grove Farm	15.55	2.50	22	16		Retreat	9.67	4.31	25	17	9.91
Old Harbour	21.87	4.61	23	17	9.94	Sheffield					
May Pen	16.81	4.10	23	20	10.20	Negril Point L.H.	8.99	4.18	25	15	8.18
Glen Muir	21.70	4.00	23	15	10.93						

NOTES

COMPARATIVE TABLE OF RAINFALL AND DAYS ON WHICH RAIN FELL

DIVISIONAL AND ISLAND RAINFALL	October			
	Rainfall, inches		Days on which Rain fell	
	1943	Ave.	1943	Ave.
North-eastern	17.55	13.13	18	15
Northern	11.67	8.11	15	13
West-Central	14.77	12.37	17	17
Southern	13.63	9.95	17	13
The Island means	14.40	10.89	17	15

SHOCKS OF EARTHQUAKE IN OCTOBER, 1943

Date	Standard Time (Approx.)	Intensity	Notes, where, etc.
None Reported			

N.B.—IT IS PARTICULARLY REQUESTED THAT ALL RAINFALL POST CARDS BE SENT IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE ISLAND

The mean rainfall for the Island was 14.40 inches or 32% above the 70-year normal of 10.89 inches. The Divisional means were also above their averages in all Divisions.

The greatest rainfall for the month was 37.11 inches, at Mocho (Clarendon), in the West-Central Division, and the heaviest fall in 24 hours was 9.33 inches, on the 23rd, at the same station. The least rainfall was 2.58 inches at Enfield, in the North-eastern Division.

The mean number of rain days was 17, the average for the month being 15. The greatest number, 26, occurred at 4 stations, viz.:—Barrett's Gap and Hill Gardens, in the North-eastern Division; Highgate (St. Catherine) in the Northern Division and at Wallingford, in the West-Central Division. The least number, 5, occurred at Kendal (Hanover) in the Northern Division.

The mean rainfall in each parish is given below. The 10-year normal is also shown for comparison:—

Parish	1943	10-year Average
	Ins.	Ins.
Kingston	8.07	6.83
St. Andrew	13.32	12.11
St. Thomas	21.59	14.56
Portland	21.71	13.58
St. Mary	11.77	9.17
St. Ann	10.98	7.68
Trelawny	11.18	8.74
St. James	11.23	9.34
Hanover	13.91	11.70
Westmoreland	12.30	12.17
St. Elizabeth	13.97	12.17
Manchester	15.37	14.24
Clarendon	17.04	12.72
St. Catherine	14.66	10.73

Portland, with 21.71 inches was highest, St. Thomas, with 21.59 inches was next and Clarendon, with 17.04 inches was third. Kingston, with 8.07 inches, was the lowest.

WEATHER DISTURBANCE

On the 11th October, a tropical disturbance of moderate intensity, but small area, was located near St. Lucia. After moving westwards for 300 miles it turned north-north-westward on the 13th October, and passed out of the Caribbean through the Mona Passage on 15th October. No effects of this disturbance were experienced in Jamaica.

Between the 19th and 21st a feeble disturbance formed near Swan Island and moved west into the Gulf of Honduras, where it remained almost stationary, and with little intensity, until the 24th, when it commenced to move north-eastward, reaching 18 degrees N., 85 degrees W., at 6.00 a.m., on the 25th. During the 25th it turned east north-eastward, increasing in intensity, and was nearest to Jamaica at 6.00 p.m. on the 26th, when it was centred about 100 miles north-north-west of Negril Point. Subsequently, it again took a north-easterly track, passing over eastern Cuba and the Bahamas, but with considerably less intensity than when nearest to Jamaica. Strong south and south-east winds were experienced on the 25th and 26th, especially in the western parts of the Island, where there were squalls, thunderstorms and periods of heavy rain. On the 27th, the wind turned northerly over the whole country, and persisted from this direction until the night of the 28th. The strongest wind reported was a velocity of 60 miles per hour, at 9.00 p.m., on the 26th, at Negril point.

CITY OF KINGSTON

The total rainfall for the month of October was 8.40 inches or 35% above the 70-year normal of 6.19 inches. There were 18 rain days. The Upper boundary of Kingston gauged 8.37 inches, with 19 rain days.

Distant rain was observed as follows:—To north, on 7 occasions, to north-east and south on 2 occasions each and to north-west once.

Distant lightning was observed to north, west and north-west on 1 occasion each.

Distant thunderstorm occurred to north on 7 occasions and to north-east, north-west, west and south once each.

Local thunderstorm (sharp) on the 11th, at 11.25 a.m. and on the 13th at 1.37 a.m.

South-east rainsqualls occurred on the 9th at 8 a.m., on the 22nd at 10.15 a.m., and on the 25th., at 2.20 p.m.

"Northers" were experienced on the 27th and 28th.

The mean barometric pressure was 29.834 inches, or .032 inch below the 33-year normal of 29.866 inches.

Highest barometer reading was 29.948 inches on the 9th, at 7 a.m., and the lowest was 29.708 inches, on the 26th at 7 a.m., corrected for diurnal variation.

The mean temperature for the month was 79.9°, or .5° above the normal of 79.4°. The highest maximum was 92.3° on the 4th, and the lowest minimum was 71.5°, on the 31st, giving an extreme monthly range of 20.8°. On the other hand, the lowest maximum was 80.9°, on the 20th and 27th, and the highest minimum was 78.2°, on the 25th. The greatest range, 18.6°, was recorded on the 31st, and the least, 4.4°, on the 19th. The maximum temperature rose to 90° and above on 12 occasions, and the minimum was 70° and above throughout the month.

The mean daily miles of wind recorded was 175, or about 13% above the 25-year normal of 155. The greatest number of miles recorded in 24 hours was 368, on the 25th, and the least 101, on the 16th. Greatest velocity, of short duration, was 36 miles per hour, on the 26th, at about 10.45 a.m. South-east wind prevailed early on 5 occasions, late on 13, and throughout on 3 occasions.

The mean relative humidity was 82%, or 2% below the 33-year normal of 84%. The mean 7 a.m. was 85%, and mean 3 p.m., 73%. Lowest 7 a.m. was 75%, on the 7th, and the lowest 3 p.m. was 57%, on the 6th.

Overcast conditions prevailed in the forenoon on 20 occasions and in the afternoon on 27 occasions.

The total evaporation for the month was 5.52 inches, or 1.04 inch above the 20-year normal of 4.48 inches.

Mean daily number of sunshine hours was 5.5.

(Sgd.) P. BRACELIN,
Instructor Commander, R.N.
Govt. Meteorologist.



JAMAICA WEATHER REPORT

FOR THE MONTH OF
NOVEMBER, 1943

The barometric pressures at all the Stations, except the Hill Gardens, are reduced to the standards of Kew 32°, gravity at Lat. 45° and mean sea-level. The bar. at Hill Gardens is reduced to the first two standards only. Thermometers are exposed in Stevensons Screen; their readings have been corrected for instrumental errors.

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

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

The rainfall is measured at 7 a.m. and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS

STATIONS	Elevation	Bar. Pressure		Temperature (F.)					Extreme Temperature (F.)				
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range	Max.	Date	Min.	Date	Range
Morant Point Light House	8	29.916	29.865	79.3	83.7	85.9	75.4	10.5	88.0	3	70.0	10	18.0
Kingston	24	29.907	29.865	74.1	84.6	88.1	72.3	15.8	90.1	7	70.2	12	19.9
Upper Kingston	110	29.914	29.859	73.3	85.5	89.0	71.7	17.3	91.0	1	69.0	11	22.0
Negril Point Light House	33	29.909	29.860	74.9	84.2	87.7	72.2	15.5	92.3	1	69.3	29	23.0
Montego Bay	33			79.4	88.1	90.3	70.0	20.3	91.5	7*	66.5	29	25.0
Castleton Gardens	496			68.0	82.7	86.5	65.0	21.5	89.0	22	60.0	24	29.0
Hope Gardens	668	29.934	29.854	70.0	82.8	88.0	69.0	19.0	92.0	7	65.0	3	27.0
Hill Gardens, Blue Mountains	4,900	25.219	25.185	60.8	65.2	70.1	57.6	12.5	75.0	2	56.0	9*	19.0

STATIONS	Elevation	Dewpoint and Rel. Humidity				Rainfall	Wind per diem	Wind: direction from and miles per hour				Amount of Cloud Lower, Middle and Upper					
		7 a.m.		3 p.m.				7 a.m.	3 p.m.	7 a.m.		3 p.m.		7 a.m.		3 p.m.	
Morant Point Light House	8	74	85	76	76	9.37	223	NE	10.0	NE	9.0	1.3	3.8	1.7	1.7	3.7	2.0
Kingston	24	69	84	73	68	1.34	139	N	9.1	SE	4.8	1.9	0.7	2.6	4.7	1.9	1.0
Upper Kingston	110	68	86	73	67	1.38		N	4.3	SE	7.0	0.6	1.4	2.2	3.4	1.9	1.6
Negril Point Light House	33	71	86	72	67	2.52	103	NE	2.4	NNE	5.6	0.6	0.4	2.6	3.8	1.8	1.6
Montego Bay	33	75	86	78	71	3.89		E		NE							
Castleton Gardens	496	64	94	80	94	7.68											
Hope Gardens	668	73	87			0.89											
Hill Gardens, Blue Mtns.	4,900	57	82	63	91	5.47											

Notes

(1) Kingston—As from 1st January, 1943, Temperatures are taken from Thermometers located at Winchester Park.

(2) Hope Gardens—Observations are taken at 9 a.m. and 3 p.m.

(3) Montego Bay—Observations are taken at 8 a.m. and 3 p.m.

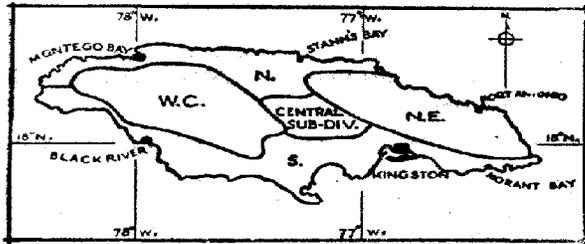
* And on other days.

THE RAINFALL

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last columns contain the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1939". In obtaining the mean rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last columns that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

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

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica", following page 27, 1911 Edition, and of page 33 of 1934 Edition, an outline of which is given below.



STATIONS	Nov., 1943				
	Total Fall	Greatest fall in 24 hours		Average	
	Amount	Date	Days on which 0.01 or more fell		
NORTH-EASTERN DIVISION (N.E.)	Ins.	Ins.		Ins.	
Manchioneal	11.08	3.35	18	13	15.47
Ecclesdown	15.01	4.36	18	17	
Priestman's River	11.21	3.05	18	11	14.83
Bath	7.92	2.01	18	17	15.26
Barrett's Gap	11.88	1.75	15	17	
Millbank	14.69	2.77	22	14	47.98
Bowden Pen					
Moore Town	12.97	2.70	14	11	35.81
Port Antonio	15.30	3.00	18	20	17.85
Passley Garden	9.96	1.35	12	16	20.79
Fellowship	15.33	4.70	12	20	26.70
Johnson River Br.	7.03	2.00	22	10	9.69
Trinity Ville	7.00	2.50	18	8	11.43
Fruitful Vale	4.95	0.91	1	10	
Shrewsbury	13.02	3.18	22	12	29.72
Hope Bay	8.54	1.82	25	12	24.38
Cedar Valley	4.76	1.62	16	8	12.96
Swift River	14.38	3.15	12	13	
Lennox					22.34
Bybrook	11.53	2.60	2	15	
Darley	7.83	1.35	12	17	
Spring Garden	7.07	1.70	24	11	16.75
Hill Gardens	5.47	1.11	18	19	16.37
Buff Bay	4.72	1.40	24	11	16.52
Plum Valley					
Belvedere, Portland	8.71	1.87	12	11	18.75
Windsor Castle, do.					17.09
Balcarres	17.15	3.45	1	16	42.43
Mt. Holstein	10.74	1.83	1	15	31.81
Cedar Hurst					29.36

STATIONS	Nov., 1943				
	Total Fall	Greatest fall in 24 hours		Average	
	Amount	Date	Days on which 0.01 or more fell		
NORTH-EASTERN DIVISION, contd.	Ins.	Ins.		Ins.	
Hardware Gap	5.41	1.35	10	14	19.39
Mount Pleasant	9.22	2.50	22	10	
Rose Hill	4.62	1.80	25	16	14.93
Mount Cressy	7.72	1.70	1	19	
Hermitage	4.39	1.42	26	16	12.43
Mount Airy	5.62	1.52	1	13	
Stony Hill	4.44	0.96	10	14	8.61
Golden Spring	4.55	0.75	4	14	
Brandon Hill	6.60	1.88	1	9	
Enfield	2.48	1.10	1	4	27.01
Agualta Vale	5.53	2.71	22	7	12.85
Castleton Gardens	7.68	3.10	2	9	18.60
Water Valley	3.56	1.25	20	7	11.35
Albany					11.77
Platfield	5.16	1.40	22	11	
Lawrence Tavern	4.06	1.28	12	7	10.04
Wey Hill	3.14	1.00	1	12	
Richmond, St. Mary	8.65	3.00	1	10	12.45
Quebec, St. Mary	14.85	3.55	18	13	10.99
Above Rocks	3.98	1.03	13	13	
Glengoffe	2.28	0.70	3	6	
Carew Castle	2.13	0.51	18	10	10.54
Hampstead, St. Mary	9.60	1.80	1	10	16.22
Windsor Castle, do.	3.93	2.72	1	7	17.30
Troja	2.67	1.45	1	3	12.81
Pear Tree Grove	1.03	0.48	22	3	13.04
Guy's Hill	2.68	1.74	1	5	13.39
Lucky Hill	4.22	2.35	1	9	15.14
Rio Hoe	4.17	2.10	2	6	11.04
Unity Valley	1.71	0.43	1	9	10.85
Moneague	2.38	1.28	20	4	11.68
Claremont	2.26	0.74	1	11	12.17
Averham Park	4.80	1.09	12	15	
Albion	2.67	0.95	1	9	10.96
NORTHERN DIVISION (N)					
Port Maria	11.03	2.82	18	13	11.39
Wentworth	9.30	2.75	18	7	
Jacks River	13.71	3.75	18	13	
Oracabessa	13.01	3.53	18	14	13.99
Retreat	6.30	1.18	1	14	
Exchange	2.53	2.03	24	3	
Ocho Rios	4.32	0.80	1	9	9.91
Rockfield	5.33	1.80	22	17	14.86
Liberty Hill	4.41	1.22	1	6	9.92
St. Ann's Bay	6.80	1.53	21	14	9.80
Richmond Estate	9.83	3.32	22	16	9.23
Runaway Bay	5.30	1.30	22	12	5.18
Thatchfield	12.23	3.10	22	14	
Knapdale	5.48	1.93	19	13	15.69
Alexandria	1.72	0.75	4	3	6.41
Bel-Air	7.15	2.20	25	12	10.56
Brown's Town	3.26	0.77	19	13	11.72
Wilton	4.60	1.86	22	12	
Watt Town, St. Ann	1.14	0.55	17	5	5.57
Home Castle	3.20	1.05	23	7	9.13
Stewart Town	2.33	0.80	22	8	
Arcadia	4.05	1.60	22	11	8.16
Vale Royal	4.05	1.76	22	11	8.14
Hammond Hall	6.24	2.76	22	14	6.15
Duncans	6.32	2.25	22	15	8.09
Clark's Town	5.99	2.25	20	6	10.61
Gibraltar	4.15	1.18	22	12	
Falmouth	4.60	3.21	19	10	5.25

STATIONS	Nov., 1943					STATIONS	Nov., 1943				
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Amount	Date					Amount	Date		
NORTHERN DIVISION, contd.	Ins.	Ins.			Ins.	WEST-CENTRAL DIVISION, contd.	Ins.	Ins.			Ins.
Maroon Town						Wait-a-bit	7.11	2.00	20	12	
Adelphi	2.57	1.03	19	4		Christiana	6.60	1.59	22	13	6.77
Windsor Lodge	2.44	1.50	19	6		Holmwood	9.06	3.35	25	14	
Latium	2.25	1.60	19	5		Edge Hill	11.90	3.03	14	9	
Barrett Hall						Kendal, Manchester	10.11	2.24	15	13	6.64
Success	2.82	1.87	19	5	5.74	Mereworth	8.75	2.09	16	18	10.91
Cornwall	2.95	1.12	19	6		Mandeville	9.71	1.72	10	10	7.41
Rose Hall	3.82	2.45	19	6	6.20	Ulster Spring	5.10	2.05	5	10	7.67
Cinnamon Hill	3.54	2.27	19	9	6.12	Greenvale	7.04	1.70	16	14	8.11
Tryall	3.00	1.60	19	8	5.30	Albert Town	3.56	1.30	5	6	8.11
Running Gut	2.73	1.45	19	5	5.67	Craig Head	9.60	2.80	26	7	
Spring Estate	2.35	1.50	19	8	5.74	Warsop	5.75	1.25	13	11	9.62
Friendship	3.11	1.04	19	6	8.64	Troy	4.72	1.75	13	10	7.41
Irwin	3.63	1.20	19	8	5.32	Wallingford	11.21	1.12	12	22	7.14
Retirement	2.89	1.43	19	10	8.27	Balaclava	10.87	1.43	19	18	5.97
Montego Bay	3.89	1.56	11	7	5.94	Braes River	9.54	1.25	22	17	
Anchovy	3.65	1.10	12	11	3.76	Wakefield	2.22	0.58	20	7	8.40
Hopewell	6.03	2.43	4	7		Appleton	7.01	1.01	12	15	6.58
Blue Hole	4.97	1.39	19	10	8.86	Aberdeen	12.02	1.86	5	16	
Cascade	10.90	2.75	20	10		Accompong	12.82	2.50	24	13	
Lucea	6.31	1.43	20	9	6.14	Maggotty	9.60	2.53	20	20	6.91
Haughton Court	7.37	2.50	20	10	4.72	Lacovia	10.55	1.40	20	17	5.21
Kendal—Hanover	8.58	2.55	20	11		Mulgrave	12.33	2.05	3	18	
Cousins Cove	4.31	1.12	12	14	7.10	Holland	10.45	1.70	23	18	
Blenheim	9.61	2.91	20	12		Ipswich	11.04	2.17	3	17	
Green River	6.61	1.00	19	10		Ginger Hill	13.98	2.24	26	16	
Green Island	5.80	1.02	11	13	5.35	Kempshot					7.30
Haughton Hall	5.15	0.87	12	12	4.56	Maldon					
CENTRAL SUB-DIVISION						Garlands	3.70	1.30	20	4	
Knollis	1.51	0.60	4	6	8.11	Mocho, St. James	4.23	1.00	20	8	10.55
Highgate (St. Cath.)	5.23	1.17	3	17	9.31	Catadupa	3.61	1.31	18	12	7.77
Rio Magno	1.57	0.95	1	4	10.53	Cambridge	3.90	1.36	19	8	5.86
Riversdale	0.48	0.25	12	2	9.88	New Market	11.41	2.54	22	19	6.91
Headworks, R.C.C.	3.84	0.74	1	11	5.43	Springfield	12.08	3.00	21	12	
Bog Walk	4.10	1.66	6	5	5.88	Seaford Town	4.47	2.17	26	3	
Linstead	2.64	1.63	21	7	6.68	Petersville	6.82	1.45	23	12	6.42
Ewarton	1.83	1.00	22	3		Kew Park	7.23	2.55	20	15	5.78
Greenock	4.51	1.10	27	7		The Bog	8.22	1.79	24	14	6.47
Cave Valley	5.18	1.50	21	8	5.29	Exeter	10.43	1.83	18	18	
Guanaboa Vale	7.57	2.07	9	6	6.33	Bethel Town Dist.	5.60	1.70	20	9	7.56
Point Hill	8.81	1.70	15	12	9.99	Copse	7.09	2.03	11	6	5.17
Brown's Hall	5.59	1.30	12	13	10.45	Burnt Ground					5.86
Bellas Gate	6.38	2.35	10	10	4.88	Haughton Grove	6.64	2.76	19	9	5.34
Rock River	4.36	1.82	16	5	7.37	Knockalva	8.05	2.08	11	7	
Crofts Hill	3.43	1.20	22	5	7.10	Darliston	10.05	1.97	26	17	7.55
Kellit's	4.23	0.90	22	14		Whithorn	10.82	2.95	12	8	5.66
Suttons	4.96	1.52	16	9	6.84	Water Works Pen	10.60	2.80	10	14	5.06
Colonel's Ridge	3.47	1.00	16	15		Williamsfield, Wld.	1.92	0.80	17	11	
Chapelton	5.21	1.77	10	13	5.22	Petersfield	8.26	2.70	10	14	
Crooked River	2.98	0.81	10	8	5.65	Baulk	2.58	0.48	26	10	
James Hill	2.20	1.54	29	6		Askenish	5.50	1.65	11	8	6.79
Frankfield	4.41	1.10	16	9	6.00	Grange Hill	3.90	1.34	1	11	5.74
WEST-CENTRAL DIVISION (W.C.)						Mount Eagle					
Mocho, Clarendon	16.54	3.50	16	11	6.02	King's Vale	2.16	0.60	20	9	4.86
Thompson Town	8.49	2.25	20	10		SOUTHERN DIVISION, (S.)					
Porus	5.60	2.14	16	7		Morant Point L. H.	9.37	4.06	18	13	8.41
Borobridge	3.85	1.15	10	4		Golden Grove	8.65	1.80	18	14	
Spaldings	9.85	3.00	10	11	7.75	Pleasant Hill	10.13	2.77	18	15	10.69
Williamsfield	8.92	3.60	16	10	8.19	East Prospect	6.03	2.16	18	11	10.23
Brokenhurst					7.74	Morant Bay	3.19	1.85	18	8	7.75
Shooter's Hill	10.68	3.40	16	13	6.85	Lloyds	3.50	0.84	22	9	
						Yallahs	2.21	0.92	16	5	7.48
						Eslington	1.93	0.84	17	5	6.08

STATIONS	Nov., 1943					STATIONS	Nov., 1943				
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Amount	Date					Amount	Date		
SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.	SOUTHERN DIVISION, contd.	Ins.	Ins.			Ins.
Mavis Bank					14.23	Cottage	2.58	0.79	16	8	6.88
Harbour Head	1.00	0.35	22	5	3.23	Pennants	5.13	1.31	10	13	
Dallas Castle	5.53	2.60	3	15	10.66	Belle Plain	10.45	3.60	16	9	8.93
Gordon Town	2.05	0.64	10	6	9.89	Milk River	3.82	2.17	25	4	5.17
Irish Town	6.15	1.60	10	12	10.50	Retrieve					4.96
Hope Gardens	0.89	0.40	10	6	6.27	Stone's Hope	5.27	2.14	23	9	6.00
Bamboo Pen	1.14	0.37	23	7		Newport, Man.					6.99
Plumb Point L.H.	0.71	0.31	10	3	2.90	Alligator Pond	6.33	1.73	23	5	3.83
King's House Gar.	2.39	1.23	23	8	5.17	Myersville	4.45	1.60	9	10	
Up-Park Camp	3.23	1.18	1	12		Goshen	9.47	2.05	22	7	
Cavaliers	2.58	1.25	1	8		Bull Savannah	5.64	1.93	23	6	
St. George's College	1.32	0.51	1	7		Munro	7.07	1.47	23	16	5.67
Upper Kingston	1.38	0.65	1	9	4.42	Windsor, St. Eliz.	10.48	1.73	23	21	7.76
Parade Garden	0.68	0.20	2	7		Torrington	8.62	2.60	23	10	6.67
Kingston P.W.O.	1.34	0.43	9	8	2.57	Santa Cruz	13.87	2.51	3	19	6.18
Shortwood College	2.67	1.08	23	4		Hounslow	7.05	1.24	12	11	
Constant Spring	2.38	0.61	10	15		Pedro Plains	3.92	1.18	2	8	4.21
Halfway Tree	2.88	1.60	23	6	4.61	Mountainside	5.39	1.00	6	15	5.59
Clifton Pen	0.97	0.39	3	7	5.46	Fort Charles	2.21	1.96	12	2	3.97
Twickenham Pen	1.39	0.94	22	6		Black River	4.16	0.80	2	9	4.37
Red Hills	4.30	1.00	1	9	9.17	Mt. Charles	7.85	1.76	3	20	
Quarantine Station	0.62	0.26	1	6	3.71	Mount Edgecombe	5.83	1.66	6	14	5.11
Hematine	2.28	1.49	9	7	4.87	Bluefields	10.40	1.80	3	16	
Spanish Town	3.44	1.96	9	7	4.29	Sav.-la-Mar	4.05	1.45	10	7	3.89
Hog Hole, St. Cath.	5.39	1.37	26	12	5.30	Little London	3.73	2.40	10	7	4.58
Grove Farm	3.33	1.28	25	7		Retreat	3.31	2.25	10	5	4.61
Old Harbour	3.77	2.09	8	6	5.17	Sheffield					
May Pen	2.76	1.34	16	9	5.02	Negril Point L.H.	2.52	1.00	16	11	3.90
Glen Muir	3.60	2.00	16	3	6.85						

SHOCKS OF EARTHQUAKE IN NOV., 1943

Date	Standard Time (Approx.)	Intensity	Notes, where, etc.
26th	8	I	Edge Hill

NOTES

COMPARATIVE TABLE OF RAINFALL AND DAYS ON WHICH RAIN FELL

DIVISIONAL AND ISLAND RAINFALL	November			
	Rainfall, inches		Days on which Rain fell	
	1943	Ave.	1943	Ave.
North-eastern	6.71	17.91	11	16
Northern	4.76	7.03	9	11
West-central	7.48	6.63	12	11
Southern	4.39	5.69	9	9
The Island means	5.56	9.31	10	12

N.B.—IT IS PARTICULARLY REQUESTED THAT ALL RAINFALL POST CARDS BE SENT IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE ISLAND

The mean of 5.56 inches representing the Island rainfall for the month of November, was 3.75 inches below the 70-year normal of 9.31 inches. The Divisional Means were also below their normals in all Divisions, except the West-Central Division.

The greatest fall for the month was 17.15 inches, at Balcarres, in the North-eastern Division, and the heaviest fall in 24 hours was 4.70 inches, at Fellowship, in the North-eastern Division, on the 12th. The least rainfall, 0.25 inch, was recorded at Riversdale, in the Northern Division.

The mean number of rain days was 10, the average for the month being 12. The greatest number, 22, was recorded at Wallingford, in the West-Central Division.

The mean rainfall in each parish is given below. The 10-year average is also shown for comparison:—

Parish	Nov., 1943	10-year Average
	Inches.	Inches
Kingston	0.88	3.10
St. Andrew	3.71	11.56
St. Thomas	6.43	9.68
Portland	10.98	26.04
St. Mary	7.64	14.21
St. Ann	3.93	10.07
Trelawny	4.73	7.73
St. James	3.27	7.31
Hanover	6.56	6.60
Westmoreland	6.88	5.32
St. Elizabeth	9.07	5.68
Manchester	8.60	6.11
Clarendon	5.44	5.26
St. Catherine	3.44	7.58

Portland, with 10.98 inches, was highest; St. Elizabeth, with 9.07 inches, was second; and Manchester, with 8.60 inches, was third. Kingston, with 0.88 inch, was the lowest.

CITY OF KINGSTON

The total rainfall for the month of November was 1.34 inch, or 1.23 inch below the 70-year normal of 2.57 inches. The Upper boundary of Kingston gauged 1.38 inch, with 9 rain days.

Distant rain was observed to north on 6 occasions, to north-east on 4, to north-west on 2 and to west on 1 occasion.

Distant thunderstorm occurred to north on 1 occasion, to north-west on 2 occasions and to west once.

Local thunderstorm on the 9th at 3.00 p.m.

Distant lightning was observed to south and east-south-east on 1 occasion each.

The mean barometric pressure was 29.898 inches, or .006 inch above the 33-year normal of 29.892 inches.

Highest barometer reading was 29.976 inches, on the 26th, at 3.00 p.m., and the lowest was 29.809 inches, on the 22nd, at 7.00 a.m., corrected for diurnal variation.

Mean temperature for the month was 79.3°, or 1.0° above the 33-year normal of 78.3°. The highest maximum was 90.1° on the 7th, and the lowest minimum was 70.2°, on the 12th, giving an extreme range of 19.9°. On the other hand, the lowest maximum was 85.4°, on the 15th, and the highest minimum was 74.5°, on the 15th. The greatest range, 19.2°, occurred on the 7th, and the least, 10.9°, occurred on the 15th. The maximum temperature rose to 90° and above on 1 occasion, and the minimum was 70° and above on 30 occasions.

The mean daily miles of wind recorded was 139, the 25-year normal being 141. The greatest number of miles of wind recorded in 24 hours, was 214, on the 16th, and the least was 97, on the 3rd. Greatest velocity, of short duration, was 24 miles per hour, on the 6th, at about 2.50 p.m. South-east wind prevailed early on 1 occasion and late on 6 occasions.

The mean relative humidity was 79%, or 3% below the 33-year normal of 82%. Mean 7 a.m., 84%, and mean 3 p.m., 68%. Lowest 7 a.m. was 73%, on the 13th, and the lowest 3 p.m. was 56%, on the 12th.

Overcast conditions prevailed in the forenoon on 11 occasions, and in the afternoon on 19.

Total evaporation for the month was 6.11 inches, the 20-year normal being 3.98 inches.

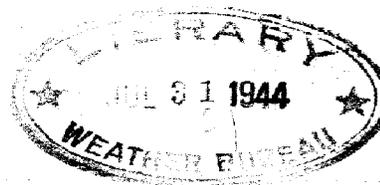
Mean daily number of sunshine hours 7.3.

(Sgd.) S. H. HARVEY,
Meteorological Officer.

Weather Office, Kingston.
20th December, 1943.



JAMAICA



WEATHER REPORT

FOR THE MONTH OF
DECEMBER, 1943

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

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

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

The rainfall is measured at 7 a.m., and entered as having fallen on the previous day.

The 75th Meridian Time West of Greenwich adopted from 1st February, 1912.

METEOROLOGICAL RESULTS

STATIONS	Elevation	Bar. Pressure		Temperature (F.)				Extreme Temperature (F.)					
		7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	Range	Max.	Date	Min.	Date	Range
	ft.	ins.	ins.	°	°	°	°	°	°	°	°	°	°
Morant Point Light House	8	29.933	29.921	77.7	81.9	84.2	75.0	9.2	86.7	5	64.0	30	22.7
Kingston	24	29.960	29.916	71.7	84.2	87.8	70.2	17.6	92.2	9	65.3	28	26.9
Upper Kingston	110	29.962	29.907	70.9	84.9	88.3	69.5	18.8	92.7	9	64.1	28	28.6
Negril Point Light House	33	29.969	29.917	72.6	83.1	85.6	69.3	16.3	88.8	8	60.7	31	28.1
Montego Bay	33	..	..	..	..	..	..	..	..	..	..	..	..
Castleton Gardens	496	..	..	64.2	82.4	88.3	63.9	21.4	88.0	12*	60.0	3*	28.0
Hope Gardens	668	29.965	29.888	68.4	82.7	86.7	67.2	19.5	90.0	9*	63.8	17	26.2
Hill Gardens, Blue Mountains	4,900	25.242	25.198	58.6	63.5	68.0	55.0	13.0	71.0	1*	51.0	19*	20.0

STATIONS	Elevation	Dewpoint and Rel. Humidity		Rainfall	Wind per diem	Wind: direction from and miles per hour				Amount of Cloud Lower, Middle and Upper†							
		7 a.m.	3 p.m.			7 a.m.	3 p.m.	7 a.m.	3 p.m.								
	ft.	°	%	°	%	ins.	Mls.	Dir.	m.p.h.	Dir.	m.p.h.	L.	M.	U.	L.	M.	U.
Morant Point Light House	8	74	88	76	81	2.03	339	ENE	13.0	NE	14.0	1.8	3.7	1.0	1.5	3.8	0.6
Kingston	24	65	79	69	61	0.35	160	N	6.1	SE	11.2	1.6	0.6	0.1	2.8	2.0	0.1
Upper Kingston	110	65	81	69	59	0.51	149	N	6.1	SE	8.8	0.7	0.8	1.3	2.8	1.8	0.3
Negril Point Light House	33	67	80	69	64	1.66	138	NE	3.8	N	6.1	2.7	0.2	1.3	3.8	0.8	0.6
Montego Bay	33	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Castleton Gardens	496	63	93	80	93	16.46	..	..	..	..	..	..	..	..	..	..	..
Hope Gardens	668	62	82	66	67	1.61	..	..	..	..	..	..	..	..	..	..	..
Hill Gardens, Blue Mtns.	4,900	55	88	60	86	8.07	..	..	..	..	..	..	..	..	..	..	..

NOTES

(1) Kingston—As from 1st January, 1943, temperatures are taken from Thermometers located at Winchester Park.

(2) Hope Gardens—Observations are taken at 9 a.m. and 3 p.m.

(3) Montego Bay—Observations are taken at 8 a.m. and 3 p.m.—(Observations temporarily lapsed from this month).

* And on other days.

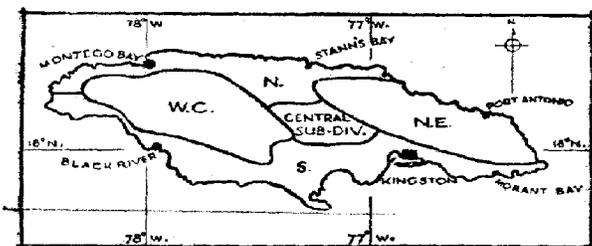
† Amounts are expressed in tenths of the area of the sky.

THE RAINFALL

The first four columns contain all the information relating to the Rainfall for the month received for publication up to the time of sending this report to press; the last columns contain the corresponding Rainfall average for the month according to "The Rainfall of Jamaica from about 1870 to the end of 1939". In obtaining the mean rainfall for the month only those stations are considered for which the average Rainfall has been also given in the last columns that the results derived from these two columns are comparable for each Division. These results are given in the comparative table at the end of this Rainfall Return so as to arrive at the mean for the whole Island, embracing the four Divisions.

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

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's "Rainfall of Jamaica", following page 27, 1911 Edition, and of page 33 of 1934 Edition, an outline of which is given below.



December, 1943

STATIONS	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Amount	Date		
		Ins.	Ins.		
NORTH-EASTERN DIVISION, contd.					
Hardware Gap	5.62	2.22	22	10	6.92
Mt. Pleasant	13.02	1.65	18	17	
Rose Hill	5.69	1.00	3	13	4.47
Mount Cressy	18.49	3.80	6	20	
Hermitage	2.58	0.69	21	10	3.27
Mount Airy	10.79	2.87	6	10	
Stony Hill	2.12	0.73	6	6	3.68
Golden Spring	2.63	0.97	6	8	
Brandon Hill	7.42	1.23	24	11	
Enfield	20.98	7.50	1	11	20.71
Agualta Vale	8.27	2.33	21	14	9.26
Castleton Gardens	16.46	4.10	24	10	13.34
Water Valley	6.68	2.87	22	7	9.50
Albany					9.07
Platfield	11.22	3.70	24	15	
Lawrence Tavern	2.90	1.55	6	4	4.24
Wey Hill	10.42	3.35	24	12	
Richmond, St. Mary	12.85	3.69	22	14	9.68
Quebec, St. Mary	5.70	2.00	7	11	8.68
Above Rocks	1.97	0.80	2	7	
Glengoffe	9.65	3.90	23	9	
Carew Castle	4.13	1.46	23	8	4.59
Hampstead, St. Mary	11.12	2.75	21	13	11.60
Windsor Castle do.	10.09	2.20	6	13	10.42
Troja	12.32	3.60	1	8	8.19
Pear Tree Grove					7.51
Guy's Hill	10.31	1.75	17	10	7.78
Lucky Hill	11.07	2.67	24	15	9.94
Rio Hoe	8.54	2.00	23	14	8.28
Unity Valley	6.87	1.27	6	17	7.10
Moneague	8.54	1.91	6	14	6.90
Claremont	7.16	1.38	7	14	7.81
Averham Park	12.13	1.97	24	20	10.26
Albion	6.67	1.56	7	12	7.78
NORTHERN DIVISION (N)					
Port Maria	6.56	1.81	23	13	6.95
Wentworth					
Jacks River	7.18	1.50	22	13	
Oracabessa	7.18	2.38	24	10	6.64
Retreat	7.89	1.48	22	16	
Exchange					
Ocho Rios	7.12	1.89	23	12	6.41
Rockfield	14.83	2.69	21	22	9.18
Liberty Hill	8.58	1.85	6	16	7.27
St. Ann's Bay	7.15	1.91	7	18	7.15
Richmond Estate	7.30	2.21	22	9	7.24
Runaway Bay	4.42	1.20	7	10	3.49
Thatchfield	23.37	4.22	23	19	
Knapdale	14.96	2.62	7	17	10.93
Alexandria	2.95	1.30	24	5	2.98
Bel-Air	6.35	2.35	22	11	6.18
Brown's Town	12.50	3.93	2	17	8.50
Wilton	9.44	1.78	22	16	
Watt Town, St. Ann	3.12	1.37	22	8	2.74
Home Castle	11.26	3.10	22	8	7.67
Stewart Town	7.84	2.50	2	11	
Arcadia	6.78	1.30	22	15	6.32
Vale Royal	7.05	1.38	19	11	7.64
Harmony Hall	4.10	0.92	22	11	5.55
Duncans	5.65	1.45	23	9	2.85
Clark's Town	4.83	1.26	6	9	4.70
Gibraltar					
Falmouth	2.83	1.22	22	6	4.24

December, 1943

STATIONS	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Amount	Date		
		Ins.	Ins.		
NORTH-EASTERN DIVISION (N.E.)					
Manchioneal	4.92	1.08	7	10	7.10
Ecclesdown	8.25	1.47	7	19	
Priestman's River	7.96	1.80	20	13	5.72
Bath	3.96	0.60	23	16	8.95
Barrett's Gap	11.59	1.50	5	19	
Millbank	26.95	4.45	7	20	26.54
Bowden Pen	21.71	3.44	6	19	
Moore Town	21.30	3.70	21	17	24.15
Port Antonio	11.00	1.60	20	19	12.14
Passley Garden					8.76
Fellowship	13.90	2.65	21	20	17.73
Johnson River Br.	2.48	1.70	23	3	4.47
Trinity Ville	2.42	1.81	23	5	3.57
Fruitful Vale	30.93	2.90	22	23	
Shrewsbury	20.28	4.65	21	6	19.87
Hope Bay	8.20	1.58	14	12	11.15
Cedar Valley	1.75	0.62	21	6	4.36
Swift River	31.79	7.00	21	18	
Lennox					15.50
Bybrook	23.04	6.24	22	18	
Darley	12.87	1.88	21	21	
Spring Garden					9.79
Hill Gardens	8.07	3.53	21	14	9.45
Buff Bay	10.43	2.00	7	14	11.66
Plum Valley	26.39	7.00	21	17	
Belvedere, Portland	20.71	4.35	21	19	14.51
Windsor Castle, do	11.81	3.40	24	18	11.56
Balcarras	45.40	6.84	21	18	32.80
Mt. Holstein	22.24	6.12	22	20	19.11
Ceder Hurst					11.90

STATIONS	December, 1943					STATIONS	December, 1943				
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Ins.	Ins.					Date	Ins.		
NORTHERN DIVISION, contd.					WEST-CENTRAL DIVISION, contd.						
Maroon Town	..	..	..	..	..	Wait-a-bit	1.47	0.52	18	8	..
Adelphi	2.13	0.65	6	7	..	Christiana	1.49	0.38	23	9	2.71
Windsor Lodge	2.33	0.60	17	10	..	Holmwood	1.02	0.60	13	5	..
Latium	2.13	0.20	22	5	..	Edge Hill	0.55	0.35	28	2	..
Barrett Hall	..	..	..	..	..	Kendal, Manchester	0.14	0.08	23	2	2.35
Success	3.09	1.25	7	7	3.71	Mereworth	0.71	0.23	22	2	2.62
Cornwall	2.36	1.00	22	5	..	Mandeville	0.48	0.23	28	3	2.81
Rose Hall	2.74	0.75	7	7	4.33	Ulster Spring	2.56	0.55	23	10	3.89
Cinnamon Hill	1.90	0.68	22	9	4.33	Greenvale	0.20	0.20	26	1	1.60
Tryall	2.60	0.50	22	10	3.20	Albert Town	0.20	0.20	2	1	3.31
Running Gut	2.82	0.60	7	7	4.45	Craig Head	..	..	..	..	..
Spring Estate	2.60	0.55	22	10	4.51	Warsop	1.53	0.60	2	9	2.94
Friendship	1.31	0.26	22	6	3.30	Troy	0.50	0.36	23	2	2.86
Irwin	1.05	0.35	19	4	5.81	Wallingford	0.26	0.19	23	2	2.23
Retirement	1.43	0.31	22	6	3.22	Balaclava	0.00	0.00	..	..	2.11
Montego Bay	0.30	0.20	7	3	4.04	Braes River	0.00	0.00	..	..	..
Anchovy	1.07	0.48	18	5	2.66	Wakefield	2.04	0.52	2	8	3.62
Hopewell	0.88	0.46	22	5	..	Appleton	0.42	0.36	24	3	3.15
Blue Hole	0.69	0.20	22	5	2.88	Aberdeen	1.88	1.55	23	3	..
Cascade	0.75	0.75	18	1	..	Accompong	0.82	0.75	24	2	..
Luca	0.69	0.30	23	5	3.30	Maggotty	1.22	1.00	23	3	2.71
Haughton Court	1.05	0.60	23	4	3.12	Lacovia	0.46	0.26	3	2	2.08
Kendal—Hanover	1.71	1.20	24	3	..	Mulgrave	0.90	0.50	25	4	..
Cousin's Cove	2.09	1.53	23	5	2.33	Holland	0.40	0.18	28	3	..
Blenheim	2.75	1.98	23	4	..	Ipswich	..	..	..	..	..
Green River	1.38	1.18	24	2	..	Ginger Hill	1.26	0.80	23	2	..
Green Island	1.33	0.91	23	3	2.22	Kempshot	..	..	..	..	4.85
Haughton Hall	0.42	0.25	23	3	1.30	Maldon	..	..	..	..	..
CENTRAL SUB-DIVISION					GARLANDS						
Knollis	1.03	0.61	5	3	1.87	Garlands	1.20	1.20	22	1	..
Highgate (St. Cath.)	2.13	0.56	2	11	3.15	Mocho, St. James	1.30	1.30	23	1	2.89
Rio Magno	8.64	2.13	1	10	6.39	Catadupa	2.24	2.06	23	3	2.44
Riversdale	7.32	2.70	25	8	3.48	Cambridge	1.05	1.05	23	1	1.95
Headworks, R.C.C.	0.47	0.20	2	4	2.01	New Market	1.89	0.77	23	6	2.29
Bog Walk	2.19	1.15	4	4	1.38	Springfield	3.17	1.12	15	6	..
Linstead	2.70	0.75	22	7	3.09	Seaford Town	0.85	0.45	23	3	..
Ewarton	1.31	0.70	1	4	..	Petersville	0.92	0.47	22	4	2.78
Greenock	1.54	0.52	24	5	..	Kew Park	0.86	0.70	23	2	2.33
Cave Valley	1.58	0.70	23	5	2.77	The Bog	1.57	0.56	23	6	2.82
Guanaboa Vale	0.00	0.00	..	..	1.83	Exeter	3.79	1.94	23	4	..
Point Hill	2.61	0.75	21	8	4.18	Bethel Town Dist.	1.10	0.85	23	2	1.96
Brown's Hall	..	..	..	..	3.31	Copse	..	..	..	..	3.72
Bellas Gate	0.80	0.47	4	3	1.22	Burnt Ground	..	..	..	..	2.63
Rock River	0.00	0.00	..	..	1.23	Haughton Grove	0.97	0.87	24	2	2.82
Croft's Hill	1.20	0.40	2	7	2.03	Knockalva	..	..	..	..	..
Kellit's	1.48	0.40	1	8	..	Darliston	4.53	2.73	23	4	2.89
Suttons	0.35	0.35	23	1	1.97	Whithorn	2.70	1.70	27	2	2.52
Colonel's Ridge	0.79	0.17	2	8	..	Water Works Pen	3.12	1.55	26	5	2.77
Chapelton	0.43	0.20	23	6	2.19	Williamsfield, WLD.	2.37	0.76	18	9	..
Crooked River	0.00	0.00	..	..	1.40	Petersfield	1.73	0.75	26	5	..
James Hill	3.02	1.04	23	7	..	Bauk	3.76	1.61	15	6	..
Frankfield	0.25	0.15	2	2	1.89	Askenish	0.92	0.46	23	3	2.60
WEST-CENTRAL DIVISION (W.C.)					SOUTHERN DIVISION, (S.)						
Mocho, Clarendon	..	..	..	..	2.01	Morant Point L. H.	2.03	0.40	7	14	5.31
Thompson Town	0.86	0.56	21	2	..	Golden Grove	3.68	0.80	7	9	..
Porus	0.00	0.00	..	..	..	Pleasant Hill	2.96	0.79	7	11	5.00
Borobridge	1.19	0.19	1	4	..	East Prospect	2.82	0.84	13	10	4.75
Spaldings	0.18	0.18	1	1	2.12	Morant Bay	0.62	0.25	25	3	3.81
Williamsfield	..	..	..	..	2.07	Lloyds	..	..	..	..	..
Brokenhurst	..	..	..	..	2.93	Yallahs	0.00	0.00	..	..	1.66
Shooter's Hill	0.43	0.27	26	3	2.19	Easington	0.83	0.20	25	3	2.49

STATIONS	December, 1943					STATIONS	December, 1943				
	Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average		Total Fall	Greatest fall in 24 hours		Days on which 0.01 or more fell	Average
		Ins.	Ins.					Date	Ins.			Ins.	Date
SOUTHERN DIVISION, contd.	Ins.	Ins.	Date	Days on which 0.01 or more fell	Average	SOUTHERN DIVISION, contd.	Ins.	Ins.	Date	Days on which 0.01 or more fell	Average
Mavis Bank	1.86	1.00	21	4	4.30	Cottage	0.39	0.18	14	3	1.32
Harbour Head	0.85	0.50	23	2	0.99	Pennants	0.48	0.20	10	5	..
Dallas Castle	0.84	0.25	21	7	2.40	Belle Plain	..	..	..	..	2.09
Gordon Town	1.90	1.40	22	2	2.89	Milk River	0.46	0.29	14	2	1.78
Irish Town	3.05	1.50	22	7	3.21	Retrieve	1.89	0.80	23	4	1.62
Hope Gardens	1.61	0.66	21	6	2.55	Stone's Hope	1.51	0.58	23	5	2.45
Bamboo Pen	1.61	0.55	21	7	..	Newport, Man.	0.37	0.37	23	1	2.78
Plumb Point L.H.	..	..	..	..	1.24	Alligator Pond	..	..	..	..	1.94
King's House Gar.	1.12	0.44	6	5	1.85	Myersville	0.00	0.00	..	..	..
Up-Park Camp	0.69	0.23	21	7	..	Goshen	0.00	0.00	..	..	..
Cavaliers	1.00	0.22	23	7	..	Bull Savannah	0.90	0.80	23	2	..
St. George's College	0.51	0.22	23	6	..	Munro	2.07	0.53	1	10	2.54
Upper Kingston	0.51	0.15	23	6	0.91	Windsor, St. Eliz.	1.62	1.00	22	9	2.10
Parade Garden	0.43	0.27	23	4	..	Torrington	2.75	1.55	22	4	2.36
Kingston P.W.O.	0.35	0.15	23	5	1.21	Santa Cruz	0.00	0.00	..	..	2.62
Shortwood College	..	..	..	..	..	Hounslow	2.93	1.65	22	4	..
Constant Spring	2.90	0.86	23	7	..	Pedro Plains	1.15	0.15	3	5	1.59
Halfway Tree	0.76	0.56	6	2	1.64	Mountainside	0.88	0.63	23	2	1.41
Clifton Pen	0.91	0.35	2	4	1.03	Fort Charles	3.99	1.44	2	4	1.72
Twickenham Pen	0.90	0.42	6	4	..	Black River	0.37	0.22	7	3	2.10
Red Hills	2.78	0.90	2	6	1.81	Mt. Charles	1.06	0.40	22	4	..
Quarantine Station	0.56	0.56	22	1	0.75	Mount Edgecombe	1.15	0.58	22	9	2.21
Hematine	0.63	0.32	7	3	1.23	Bluefields	1.19	0.95	23	2	..
Spanish Town	0.95	0.42	7	5	1.69	Sav-la-Mar	0.45	0.35	26	2	1.91
Hog Hole, St. Cath.	0.74	0.35	22	4	1.98	Little London	1.38	0.48	25	7	2.10
Grove Farm	0.73	0.23	23	4	..	Retreat	0.78	0.53	25	4	2.06
Old Harbour	..	..	..	..	2.21	Sheffield	..	..	..	..	..
May Pen	0.34	0.14	10	4	1.87	Negril Point L.H.	1.66	0.96	23	7	1.91
Glen Muir	..	..	..	..	1.31	..	..	..	..	..	..

NOTES

COMPARATIVE TABLE OF RAINFALL AND DAYS ON WHICH RAIN FELL

DIVISIONAL AND ISLAND RAINFALL	December			
	Rainfall, inches		Days on which Rain fell	
	1943	Ave.	1943	Ave.
North-eastern	10.79	11.10	14	14
Northern	3.78	4.84	7	9
West-Central	1.26	3.13	4	7
Southern	1.26	2.17	5	6
The Island means	4.26	5.31	8	9

SHOCKS OF EARTHQUAKE IN December, 1943

Date	Standard Time (Approx.)	Intensity	Notes, where, etc.
		None Reported	

N.B.—IT IS PARTICULARLY REQUESTED THAT ALL RAINFALL POST CARDS BE SENT IN NOT LATER THAN THE 5TH OF EACH MONTH.

THE ISLAND

The mean rainfall for the Island was 4.26 inches, or 1.05 inch below the 70-year average of 5.31 inches. The Divisional Means were also below their averages in all Divisions.

The greatest fall for the month was 45.40 inches, at Balcarres, in the Northeastern Division, and the heaviest fall in 24 hours was 7.50 inches, at Enfield, in the same Division, on the 1st. No rainfall was recorded at 10 Stations viz.: Guanaboa Vale, Rock River and Crooked River, in the Northern Division; Porus, Balaclava and Braes River in the West-Central Division, and at Yallahs, Myersville, Goshen and Santa Cruz, in the Southern Division.

The mean number of rain days was 8, the average for the month being 9. The greatest number, 23, occurred at Fruitful Vale, in the Northeastern Division. As stated above, no rain was recorded at 10 Stations.

The mean rainfall in each parish is given below. The 10-year average is included for comparison:—

Parish	December, 1943	10-year Average
	Inches	Inches
Kingston	0.37	0.82
St. Andrew	3.67	3.40
St. Thomas	2.93	4.31
Portland	19.74	14.43
St. Mary	10.24	8.97
St. Ann	8.47	6.14
Trelawny	3.64	3.25
St. James	1.87	2.85
Hanover	1.20	2.55
Westmoreland	1.80	1.90
St. Elizabeth	1.17	1.70
Manchester	0.73	1.84
Clarendon	0.71	1.54
St. Catherine	3.46	2.98

Portland, with 19.74 inches, was highest; St. Mary with 10.24 inches, was next, and St. Ann, with 8.47 inches, was third. Kingston, with 0.37 inch, was the lowest.

THE YEAR 1943

Comparative Table (A) gives the mean monthly rainfall in each Division, with the respective totals, compared with the 70-year average, and shows an excess of 3.68 inches.

The mean number of rain days, 123, is also given, and is the same as the 45-year average.

Table (B) gives the mean monthly rainfall in the 14 parishes, with the respective totals, compared with the 10-year average. Portland, with 168.81 inches, was the highest; Westmoreland, with 101.07 inches, was next, and St. Mary, with 89.35 inches, was third. Kingston, with 20.79 inches, was the lowest.

The differences that will be observed between Tables (A) and (B), as regards both the total for the year and those for each month, are due to the former being based only on stations with an average, while the latter includes all stations.

CITY OF KINGSTON

The total rainfall for the month of December, 1943, was 0.35 inch, or 0.86 inch below the 70-year normal of 1.21 inch. There were 5 rain days. The Upper Boundary of Kingston gauged 0.51 inch, with 6 rain days.

Distant rain was observed to north on 4 occasions, to northeast 2, and to northwest on 1 occasion.

Fresh "Northers" occurred on 18th, 19th, 20th and 21st.

The mean barometric pressure was 29.952 inches, or 0.011 inch above the 33-year normal of 29.941 inches. Highest barometer reading was 30.012 inches, on the 23rd, at 3.00 p.m., and the lowest was 29.878 inches on the 5th, at 3.00 p.m., corrected for diurnal variation.

The mean temperature was 77.9°, or 1.1° above the 33-year normal of 76.8°. Highest maximum was 92.2°, on the 9th, and the lowest minimum was 65.3°, on the 28th. The extreme monthly range was 26.9°. On the other hand, the lowest maximum was 81.2°, on the 19th, and the highest minimum was 72.2° on the 16th. The greatest range was 24.2° on the 28th, and the least range was 5.8°, on the 19th. Maximum temperature was 90° and above on 2 days, and the minimum was 70° and above on 18 days.

The mean daily miles of wind was 160, the 25-year normal being 146, or about 9% above normal. The greatest number of miles of wind recorded in 24 hours was 351, on the 19th, and the least 88, on the 3rd. The greatest velocity of short duration, was 30 miles per hour, on the 19th, at about 2.45 p.m. Southeast wind continued until late on 1 occasion.

Mean relative humidity was 74%, the 33-year normal being 80%. The mean 7.00 a.m. was 79%, and the mean 3.00 p.m. 61%. Lowest 7.00 a.m. was 57%, on the 28th, and the lowest 3.00 p.m. was 50%, on the 8th and 9th.

Overcast conditions prevailed in the early forenoon on 7 occasions, and in the late afternoon on 11.

Total evaporation for the month was 7.06 inches, the 20-year average being 4.58 inches.

Mean sunshine hours 7.6.

KINGSTON FOR THE YEAR 1943

The total rainfall for the year 1943, as registered at the Public Works Buildings, Port Royal Street, Kingston, was 20.12 inches, or 7.36 inches below the 70-year normal of 27.48 inches. The month of October recorded the greatest fall with 8.40 inches, followed by May with 2.53 inches. The month of January recorded the least with 0.01 inch.

The total number of rain days for the year was 80, as compared with the 49-year normal of 79. The greatest number in one month was 18, in October, and the least, 1, in January.

The mean barometric pressure for the year 1943, was 29.934 inches, the 33-year normal being 29.932 inches. Mean temperature for the year was 79.7°, as compared with the 33-year normal of 78.7°, a difference of 1.0°. The extreme maximum was 90° and above on 112 occasions. The mean amount of cloudiness was 54%, the normal being 53%. The mean relative humidity was 76%, the 33-year normal being 79%. The average daily miles of wind was 187, the 25-year normal being 185, (See Table (C)).

KINGSTON

Summary of Extremes for the Year 1943

Table (D) giving the extreme values of certain observations is appended.

The month of February recorded the highest barometer reading of 30.107 inches, on the 16th, and October the lowest, 29.708 inches, on the 26th.

The greatest number of days in any month in which the maximum temperature rose to 90° and above, was 28, in September. This was followed by 26 in July, and 20 in August. The greatest number of days with temperature below 70°, was 21, in the months of January and February.

The maximum number of miles of wind registered in 24 hours, was 403, on the 27th of March, and the minimum was 88, on the 3rd of December. The greatest rate of hourly velocity, of short intervals, was 36 miles per hour, on the 16th March, 8th April, 20th July, 14th September and 26th October.

The monthly lowest 7.00 a.m. relative humidity was 57%, on the 25th January, and 28th December. The lowest 3.00 p.m. was 40%, on the 8th June.

The greatest fall in 24 hours was 2.51 inches, on the 26th October.

(Sgd.) S. H. HARVEY,
Meteorological Officer.

Weather Office, Kingston.
20th January, 1944.

TABLE (A)—THE ISLAND RAINFALL, 1943 (In inches)

Month.	Divisions				The Island		Rain Day	
	N.E.	N.	W.C.	S.	1943	Average for 70 years.	Means for 1943	Average for 45 years
January ..	3.54	1.62	2.21	1.14	2.13	4.00	6	8
February ..	8.71	4.01	5.14	2.32	5.04	3.21	9	7
March ..	14.51	5.98	6.51	3.90	7.72	3.33	8	7
April ..	12.65	9.47	10.84	4.95	9.45	5.11	11	9
May ..	17.44	6.98	10.90	8.07	10.84	8.89	13	12
June ..	5.33	3.16	6.70	3.25	4.61	6.91	9	10
July ..	3.86	2.63	6.17	1.97	3.66	5.22	8	9
August ..	7.22	5.33	11.97	5.64	7.54	7.14	13	12
September ..	5.09	4.06	8.97	4.25	5.59	7.80	11	13
October ..	17.55	11.67	14.77	13.63	14.40	10.89	17	15
November ..	6.71	4.76	7.48	4.39	5.56	9.31	10	12
December ..	10.79	3.78	1.22	1.26	4.26	5.31	8	9
Total 1943 ..	113.40	63.45	92.88	54.77	80.80	..	123	..
Total 70-year Average ..	106.58	59.41	88.45	54.03	..	77.12	..	123

TABLE (B)—MEAN RAINFALL IN INCHES FOR EACH PARISH FOR THE YEAR, 1943.

Parish	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total	10-Year Average
Kingston	0.02	0.59	0.58	1.33	3.27	0.71	0.52	2.25	2.20	8.07	0.88	0.37	20.79	30.46
St. Andrew	0.92	5.96	4.13	4.26	7.71	3.32	3.05	8.14	5.86	13.32	3.71	3.67	64.05	68.47
St. Thomas	1.95	4.08	7.20	8.47	9.31	4.36	3.55	6.62	4.02	21.59	6.43	2.93	80.51	79.95
Portland	6.41	12.76	23.63	19.09	27.98	6.55	6.06	7.79	6.11	21.71	10.98	19.74	168.81	136.13
St. Mary	3.26	5.24	14.72	8.94	16.66	3.30	1.82	3.40	2.21	11.77	7.79	10.24	89.35	88.72
St. Ann	1.58	7.11	9.51	10.55	9.73	3.73	2.42	4.70	3.25	10.98	3.93	8.47	75.96	65.76
Trelawny	0.63	5.32	6.04	11.55	6.85	4.63	3.08	7.22	6.06	11.18	4.73	3.64	70.93	61.52
St. James	1.13	3.62	3.26	13.20	4.03	3.29	3.66	7.80	5.83	11.23	3.27	1.87	62.28	64.22
Hanover	2.53	6.24	5.05	14.63	5.90	6.04	7.43	9.65	9.57	13.91	6.56	1.20	88.71	81.25
Westmoreland	3.43	4.42	7.13	9.98	12.69	7.49	8.28	16.11	10.56	12.30	6.88	1.80	101.07	83.75
St. Elizabeth	1.55	3.96	7.40	7.09	8.91	6.50	5.19	10.54	7.53	13.97	9.07	1.17	82.88	65.74
Manchester	2.03	2.34	5.76	9.48	11.33	3.23	1.83	6.85	3.77	15.37	8.47	0.73	71.19	70.82
Clarendon	0.90	1.51	4.15	6.15	11.99	4.88	2.48	6.65	5.73	17.04	5.69	0.71	67.88	59.98
St. Catherine	1.53	2.84	5.38	7.18	7.82	3.63	2.64	5.66	4.57	14.66	3.44	3.46	62.81	64.75
Means	1.99	4.71	7.42	9.43	10.30	4.40	3.72	7.38	5.52	14.08	5.85	4.29	79.09	72.62

TABLE (C)—KINGSTON, JAMAICA—METEOROLOGICAL RESULTS FOR THE YEAR, 1943.

(FOR ELEVATION, See Foot Notes 1 and 2).

Month	Barometer Pressure		TEMPERATURE (FAH.)							Dewpoint and Relative Humidity		Rainfall (ins.)		Rain Days	
	7 a.m.	3 p.m.	Mean	7 a.m.	3 p.m.	Max.	Min.	Range.	Extremes for Month		Actual	70 yrs.	No.	Av. for 49 yrs	
	Ins.	Ins.	°	°	°	°	°	°	°	°	°	Ins.	Ins.		
January	29.999	29.940	77.4	69.8	85.1	87.8	68.9	18.9	92.5	64.7	27.8	0.01	0.75	1	4
February	.997	.949	76.4	70.0	82.3	86.3	68.8	17.5	89.1	65.8	23.2	0.68	0.53	2	4
March	.979	.936	77.8	71.9	83.9	87.5	69.9	17.6	90.1	66.4	23.7	0.63	0.81	8	4
April	.945	.903	79.4	75.4	84.2	87.3	72.6	14.7	90.1	69.7	20.4	1.48	1.01	8	5
May	.937	.908	80.1	77.0	84.2	88.2	73.1	15.1	91.8	70.5	21.3	2.53	3.48	6	7
June	.962	.932	81.3	77.6	86.2	90.1	73.5	16.6	93.1	70.9	22.2	0.66	3.03	4	6
July	.984	.945	82.2	79.0	86.8	91.0	73.9	17.1	95.5	70.9	24.6	0.32	1.34	5	5
August	.908	.882	81.7	77.9	85.7	90.4	74.8	15.6	93.0	72.1	20.9	1.77	3.15	7	9
September	.901	.860	82.7	77.8	86.5	91.6	75.0	16.6	95.2	72.1	23.1	1.95	3.36	7	10
October	.839	.805	79.9	76.3	83.5	87.9	74.2	13.7	92.3	71.5	20.8	8.40	6.19	18	12
November	.907	.865	79.3	74.1	84.6	88.1	72.3	15.8	96.1	70.2	19.9	1.34	2.57	8	8
December	29.960	29.916	77.9	71.7	84.2	87.8	70.2	17.6	92.2	65.3	26.9	0.35	1.21	5	5
Means	29.943	29.903	79.7	74.9	84.8	88.7	72.3	16.4	92.1	69.2	22.9	..	..	..	..
Totals	..	..	..	..	..	..	..	..	..	..	..	20.12	27.48	80	79

Notes.—(1) From the year 1907 to 1942, the observations were made as follows:—

At 1434 East Street (a) Pressure, Barometer 110 ft. above sea-level. (b) Temperature, (Thermometers 107 ft. above sea-level and 4 ft. above ground). (c) Clouds and their direction.

At Public Works Buildings, Port Royal Street—(d) Rainfall, (Gauge 57.28 ft. above sea-level). (e) Wind, (Anemometer 69.38 ft. above sea-level, wind vane 70.88 ft. above sea-level).

(2) Standard Barometer at Public Works Buildings—24 ft. above sea-level

(3) On the 1st January, 1943, the following changes were made:—

At 4B Ivy Road—7.00 a.m. Pressure, Barometer 160 ft. above sea-level; Clouds and their direction.

At Public Works Buildings, Port Royal Street—3.00 p.m. Pressure, Barometer 24 ft. above sea-level; Clouds and their direction.

At Winchester Park—Temperatures—(Through the courtesy of the Jesuit Fathers).

TABLE (C) contd.—KINGSTON, 1943—MEAN RESULTS

Month	Wind, Miles per diem	Wind: from and Miles per hour				Clouds in Tenths						Weather Conditions, etc.
		7 a.m.		3 p.m.		Lower		Middle		Upper		
		7 a.m.	3 p.m.	11 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.		
January	156	N 5.0	SE 11.8	N 4.0	2.0	0.6	0.1	1.1	3.6	0.1	Overcast conditions prevailed in the forenoon on 6 occasions, and in the afternoon on 8.	
February	152	N 4.8	SE 10.6	N 4.1	1.4	1.5	1.8	2.4	3.5	0.2	Overcast conditions prevailed in the forenoon on 12 occasions, and in the afternoon on 11.	
March	214	N 5.4	SE 15.3	NE 5.0	0.2	1.0	0.3	2.1	3.3	0.2	Overcast conditions prevailed in the forenoon on 3 occasions, and in the afternoon on 12.	
April	202	N 3.8	SE 14.9	NNE 5.2	1.1	1.1	2.1	2.7	2.6	0.9	Overcast conditions prevailed in the forenoon on 9 occasions, and in the afternoon on 14.	
May	215	N 5.2	SE 17.3	NE 5.4	2.2	0.3	2.5	3.1	2.1	1.1	Overcast conditions prevailed in the forenoon on 14 occasions, and in the afternoon on 15.	
June	214	N 3.9	SE 18.4	NE 3.6	1.3	0.3	1.3	3.8	1.8	1.1	Overcast conditions prevailed in the forenoon on 6 occasions, and in the afternoon on 15.	
July	234	N 4.1	SE 18.8	NE 4.3	1.8	0.2	1.2	4.3	2.4	0.6	Overcast conditions prevailed in the forenoon on 6 occasions, and in the afternoon on 22.	
August	182	N 4.1	SE 13.5	N 3.9	2.1	0.3	2.9	5.0	2.4	0.2	Overcast conditions prevailed in the forenoon on 15 occasions, and in the afternoon on 21.	
September	205	N 4.2	SE 11.4	N 3.7	1.9	0.6	3.1	6.0	1.1	0.6	Overcast conditions prevailed in the forenoon on 11 occasions, and in the afternoon on 22.	
October	175	NNE 5.2	SE 10.9	NE 5.4	4.2	0.8	1.8	7.1	1.4	0.6	Overcast conditions prevailed in the forenoon on 20 occasions, and in the afternoon on 27.	
November	139	N 4.4	SE 9.1	N 4.8	1.9	0.7	2.6	4.7	1.9	1.0	Overcast conditions prevailed in the forenoon on 11 occasions, and in the afternoon on 19.	
December	160	N 6.1	SE 11.2	N 4.7	1.6	0.6	0.1	2.8	2.0	0.1	Overcast conditions prevailed in the forenoon on 7 occasions, and in the afternoon on 11.	
Means	187	N 4.7	SE 13.6	NNE 4.5	1.9	0.7	1.6	3.8	2.3	0.5		

TABLE (D)—Summary of Extremes of Instrumental Observations for each Month of the year, 1943.

Month	Barometer			Temperature (Fah.)		Surface Wind				Relative Humidity, lowest			Rainfall, greatest in 24 hours		
	Highest	Date	Lowest	Date	90° and above. No. of days	Below 70°. No. of days	Miles in 24 hours			7 a.m.		3 p.m.		Amount (Ins.)	Date
							Greatest	Least	Date	%	Date	%	Date		
January	30.082	23	29.909	1	4	21	243	18	92	6	57	48	0.01	1	
February	30.107	16	29.902	21	..	21	238	11	112	19	71	50	0.36	17	
March	30.067	15	29.845	11	1	20	403	27	127	14	66	50	0.27	31	
April	30.024	21	29.858	11	1	1	369	19	102	7	71	57	0.80	29	
May	30.001	27	29.853	16	4	..	387	26	100	5	63	44	0.87	4	
June	30.006	30	29.866	16	13	..	345	20	110	16	66	40	0.46	11	
July	30.051	17	29.909	5	26	..	350	20	102	4	66	43	0.11	5	
August	29.967	9	29.822	22	20	..	386	3	101	21	67	54	1.11	9	
September	29.980	4	29.827	2	28	..	350	17	117	24	66	53	0.81	22	
October	29.948	9	29.708	26	12	..	368	25	101	16	75	57	2.51	26	
November	29.976	26	29.809	22	1	..	214	16	97	3	73	56	0.43	9	
December	30.012	23	29.878	5	2	13	351	19	88	3	57	50	0.15	23	

The barometer readings are reduced to sea-level, also corrected for diurnal variations.