

VSD  
10

# JAMAICA

## METEOROLOGICAL OBSERVATIONS

=====  
YEAR 1936.  
=====

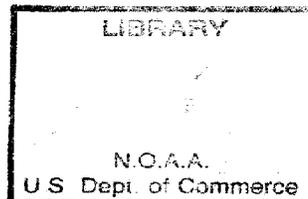
The hours of observation are 7 a.m. and 3 p.m. The "Mean" refers to the day of 24 hours as deduced from these hours, (including the Maximum and Minimum Temperatures) for Tables shewn at the end.

Meridian of Longitude for calculation of time adopted  
as Standard in the Colony ... .. 75° W.  
Hours slow of Greenwich Mean Time ... .. 5

-----  
KINGSTON.

Latitude ... .. 17° 58' N.  
Longitude ... .. 76° 48' W.

QC  
987  
J25  
M48  
1936



# **National Oceanic and Atmospheric Administration**

## **Climate Database Modernization Program**

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March 28, 2002



STATION—KINGSTON.

JANUARY, 1936.

Day.	Barometer		Air Temperature.				Dew Point.		Relative Humidity.		Wind Direction and Velocity. (m.p.h.)		Amount of Cloud.		Rain-fall.		
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.		
1	Ins. 30.014	Ins. 29.929	68.5	86.9	88.4	68.1	62	71	81	58	N.	4	S.E. 10	7	1		
2	29.977	879	70.1	84.3	86.3	70.0	64	71	81	64	N.	6	S.E. 16	...	3		
3	.956	885	68.2	85.1	86.0	67.8	62	70	82	61	N.	5	S.E. 16	...	...		
4	.937	.880	69.5	84.8	87.3	68.2	60	68	73	56	N.	5	S.E. 22	...	3		
5	.957	.884	73.1	86.4	87.6	69.5	68	64	83	49	N.	5	S.E. 23	10	...		
6	.961	.927	71.8	83.2	86.3	71.3	66	70	83	66	N.	4	S.E. 27	4	7		
7	30.024	.960	67.8	87.1	88.3	67.6	61	62	79	44	N.	6	S.E. 18	...	1		
8	.014	.949	67.9	84.2	84.8	67.7	63	70	84	62	N.	6	S.E. 12	...	...		
9	29.994	.915	66.6	82.8	83.9	66.1	61	70	82	63	N.	4	S.E. 14	...	...		
10	.971	.920	69.0	81.9	85.7	66.4	61	65	75	56	N.	6	S.E. 5	...	1	0.01	
11	30.004	.925	71.6	83.1	84.2	71.5	69	71	91	67	S.E.	3	S.E. 14	10	...		
12	29.986	.917	68.5	85.8	85.8	68.1	62	68	82	54	N.	3	S.E. 10	10	2		
13	.968	.926	66.9	84.1	86.3	66.2	61	70	81	62	N.	4	S.E. 13	5	10		
14	.971	.901	68.3	87.4	88.6	67.7	62	65	81	46	N.	5	S.E. 4	3	10		
15	.934	.888	67.7	85.4	85.9	66.9	62	70	82	61	N.	5	S.E. 18	...	...		
16	.930	.890	70.7	83.1	86.3	70.3	67	69	88	67	N.	3	S.E. 23	...	...		
17	.950	.873	68.1	84.6	86.9	67.3	62	70	81	61	N.	5	S.E. 20	...	4		
18	.922	.855	69.3	83.8	85.2	68.1	63	67	79	57	N.E.	5	S.E. 26	7	...		
19	.903	.863	70.8	82.5	85.2	70.1	63	69	74	66	N.	5	S.E. 16	10	10		
20	.949	.894	71.0	84.3	86.1	70.3	66	67	86	57	N.	3	S.E. 18	...	9		
21	.981	.899	69.1	83.6	85.1	68.4	64	71	83	64	N.	5	S.E. 23	...	...		
22	.886	.830	69.1	80.7	84.2	68.8	65	68	87	65	S.E.	4	S.E. 10	...	10	0.16	
23	.838	.805	76.2	81.2	82.3	72.0	67	71	76	71	S.E.	11	S.E. 18	6	10	0.47	
24	.903	.872	70.1	74.8	81.8	69.0	67	70	90	83	N.	9	N.E. 8	...	10	0.02	
25	.930	.906	67.7	86.8	87.9	66.9	66	68	96	56	N.	3	S.W. 4	...	8		
26	.960	.906	68.8	83.8	88.0	68.1	66	71	89	64	N.	5	S.E. 15	...	10		
27	.942	.898	68.3	81.4	84.5	67.7	64	71	86	70	N.	4	S.E. 9	...	10		
28	.963	.922	70.1	80.3	82.6	69.1	67	71	90	74	N.	6	S.E. 8	...	10		
29	.955	.907	69.3	83.8	85.6	69.1	67	70	92	62	N.	4	S.E. 9	10	10		
30	.922	.831	68.6	84.8	86.0	67.7	65	71	86	62	N.	4	S.E. 18	4	2		
31	29.923	29.890	70.2	83.5	86.3	68.1	65	70	85	67	N.	7	S.E. 12	...	10		
Means	29.952	29.894	69.5	83.7	85.8	68.5	64	69	83	62	NNE.5.0	S.E. 14.8	2.8	4.9			
Total	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.66	

NOTE: See page 15 (foot-note) as to elevation of Instruments, etc., for Kingston.  
 Rainfall below normal. Distant rain to northward on two days, to N.E. on 3 days, W. and N.W. on one day each.

STATION—KINGSTON.

FEBRUARY, 1936.

Day.	Barometer 29 or 30 ins.		Air Temperature. Fah.				Dew Point.		Relative Humidity.		Wind Direction and Velocity. (m.p.h.)				Amount of Cloud.		Rain- fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.
	Ins.	Ins.	°	°	°	°	°	°	%	%							
1	29.992	29.923	68.7	88.3	89.2	67.7	66	66	89	48	N.	4	S.	7	..	2	
2	.940	.906	71.9	83.8	84.5	71.6	69	70	91	67	N.W.	2	S.E.	11	7	10	0.02
3	.933	.865	70.7	82.7	83.5	68.6	68	71	89	67	N.	7	S.E.	22	10	3	0.18
4	.884	.846	76.9	85.7	86.3	72.8	64	67	66	54	S.E.	15	S.E.	21	..	8	
5	.899	.843	73.2	85.4	85.7	72.8	68	68	83	55	N.	6	S.E.	22	..	..	
6	.917	.880	70.1	81.5	86.0	68.9	60	69	71	66	S.E.	8	S.E.	22	..	6	
7	.957	.946	70.5	82.2	84.7	68.3	60	68	72	64	N.	5	S.E.	20	..	8	
8	30.008	.958	66.9	86.1	88.0	66.5	62	66	85	52	N.	1	S.E.	11	..	6	
9	29.999	.948	66.3	82.8	85.6	65.7	59	68	79	59	N.	5	S.E.	14	8	..	
10	.945	.872	67.5	83.3	83.5	66.1	65	63	91	53	W.	3	S.E.	11	1	..	
11	.945	.910	65.7	82.6	83.6	65.9	62	68	87	60	N.	3	S.	9	..	..	
12	.998	.944	67.0	82.6	83.3	65.8	64	70	90	64	N.	3	S.E.	10	..	7	
13	.975	.905	68.0	83.4	83.7	66.9	64	70	88	66	N.	4	S.E.	16	..	8	0.35
14	.946	.880	70.3	83.8	83.8	70.0	69	71	97	65	S.E.	6	S.E.	10	..	..	0.01
15	.920	.885	68.9	83.2	84.1	68.3	67	72	92	70	S.E.	2	S.E.	15	..	..	
16	.934	.882	66.7	84.5	84.8	65.9	63	67	86	58	N.	6	S.E.	13	..	7	
17	.962	.908	67.9	83.7	85.5	66.1	65	72	89	66	N.	4	S.E.	11	..	10	
18	.984	.918	68.9	82.9	85.2	68.2	64	72	84	70	N.	3	S.	8	..	10	
19	.947	.921	68.8	83.8	84.5	67.9	63	72	83	67	N.	6	S.E.	10	..	10	
20	.958	.908	69.2	83.9	84.8	68.3	63	72	81	66	N.	4	S.E.	8	..	10	
21	.963	.928	67.9	82.8	84.3	67.3	64	70	87	66	E.	1	S.	8	..	8	
22	30.044	.981	69.9	84.5	84.7	69.4	67	69	91	62	N.E.	3	S.	8	..	..	
23	.034	30.012	72.9	86.9	87.7	72.0	64	61	74	42	N.	6	S.E.	10	10	..	
24	.037	29.905	68.6	85.1	87.3	67.1	61	63	75	47	N.	3	N.E.	4	..	10	
25	.063	.974	68.8	88.2	88.2	67.4	65	64	87	45	N.	3	S.	8	..	7	
26	.021	.960	67.5	80.8	82.9	66.3	58	65	73	57	N.	6	S.E.	27	3	10	
27	29.984	.922	66.8	78.7	83.2	65.7	59	66	75	64	N.	7	S.E.	18	..	10	
28	.970	.925	67.8	82.4	83.2	66.5	62	64	81	55	N.E.	3	S.E.	9	..	10	
29	29.963	29.913	68.8	79.8	84.1	68.1	63	68	82	66	N.	2	S.	5	..	10	
Means	29.970	29.916	69.1	83.6	85.0	68.0	64	68	83	60	N.E. 4.5	S.E. 12.3	1.3	5.8			
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.55

Rainfall below normal. Distant rain to northward on 3 days to N.E. on two days and to N.W. on one day.

STATION—KINGSTON.

MARCH, 1936.

Day.	Barometer 29 or 30 ins.		Air Temperature. Fah.				Dew Point.		Relative Humidity.		Wind Direction and Velocity. (m.p.h.)		Amount of Cloud.		Rain- fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.
1	Ins. 29.911	Ins. 29.853	67.8	81.8	84.0	66.1	62	67	% 81	% 60	N.	9 N.W.	7	10	
2	.906	.839	67.1	84.5	84.9	66.4	63	65	87	52	N.	9 S.	7	3	
3	.896	.849	68.2	85.7	85.7	66.4	60	65	74	50	N.E.	8 S.	7		
4	.939	.893	72.6	84.4	86.6	71.7	63	70	71	64	N.	7 S.E.	16	9	10
5	.995	.899	71.6	84.2	85.6	70.1	67	72	85	67	N.	6 S.E.	14		2
6	.959	.884	69.5	84.3	84.4	68.7	65	72	86	66	N.	6 S.E.	12		2
7	.931	.881	69.9	83.6	85.1	68.3	64	70	83	62	N.	7 S.E.	8		10
8	.934	.862	69.1	83.8	86.7	67.8	63	65	81	58	N.E.	4 S.E.	16		10
9	.932	.863	68.3	82.9	84.0	67.6	63	66	85	57	S.E.	5 S.E.	21		0.03
10	.923	.884	76.2	83.5	83.7	74.3	69	69	80	63	S.E.	13 S.E.	16	10	2
11	.903	.853	74.5	82.1	85.4	73.8	69	73	83	73	S.E.	6 S.	10		10
12	.892	.868	75.2	85.6	87.4	74.4	71	68	86	55	N.	3 S.W.	5	10	10
13	.932	.880	75.6	82.9	85.3	72.1	69	71	79	67	N.	4 S.E.	10	10	10
14	.972	.901	73.3	82.2	84.6	71.7	70	70	89	67	N.	3 S.E.	20	10	8
15	.966	.906	72.3	80.3	85.6	70.2	68	73	87	78	N.	5 S.E.	13	5	10
16	.902	.814	68.9	84.0	85.6	67.3	64	71	86	64	N.	5 S.E.	19		2
17	.840	.817	71.5	84.6	85.6	67.3	65	73	81	68	N.	3 S.E.	10	10	4
18	.858	.813	72.5	84.9	85.3	70.4	67	70	81	62	N.E.	3 S.E.	11	5	
19	.894	.844	70.6	84.3	85.4	69.3	66	72	84	67	N.E.	2 S.E.	12		3
20	.920	.877	72.6	84.9	85.8	70.7	66	72	78	64	N.E.	4 S.E.	12		
21	.935	.875	75.1	84.8	86.3	72.9	71	72	85	64	N.E.	4 S.E.	10	10	4
22	.955	.920	75.6	88.7	90.6	70.8	67	74	71	62	N.	6 S.E.	15		
23	.988	.926	72.2	84.9	87.3	70.3	66	72	82	64	N.	4 S.E.	22		4
24	.997	.939	75.2	77.9	83.9	73.4	69	71	82	79	N.	6 S.E.	17	10	10
25	.954	.893	72.2	85.7	86.8	70.4	68	74	87	67	N.	6 S.E.	13		10
26	.938	.899	70.9	83.4	85.5	69.2	66	70	85	64	N.E.	4 S.E.	19		10
27	.936	.905	70.6	82.9	84.8	68.6	66	70	85	65	N.E.	3 S.E.	22		10
28	.969	.906	69.6	83.9	85.0	66.4	60	69	72	62	N.	4 S.E.	18		3
29	.972	.907	71.8	85.1	85.8	69.2	66	71	81	63	N.E.	4 S.E.	11		9
30	.952	.900	71.2	82.6	85.5	69.4	64	71	78	66	N.E.	3 S.E.	14		10
31	29.981	29.891	70.6	83.6	85.7	68.8	65	71	83	65	N.E.	4 S.E.	19		10
Means	29.935	29.879	71.7	83.8	85.6	69.8	66	70	82	64	N.E. 5.2	S. E. 13.8	2.9	6.0	
Total															0.20

Rainfall below normal, being only about one-fifth of normal. Distant rain to N. on 5 days, to N.E. 5 days and to N.W. 4 days.

STATION—KINGSTON.

APRIL, 1936.

Day	Barometer 29 or 30 ins.		Air Temperature Fah.				Dew Point.		Relative Humidity.		Wind Direction and Velocity. (m.p.h.)				Amount of Cloud.		Rain- fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.		
1	Ins. 29.947	Ins. 29.854	72.2	85.1	87.0	71.1	66	70	% 82	% 61	E. 3	S.E. 19	..	..			
2	.917	.884	77.6	84.8	86.3	74.8	68	70	72	62	S.E. 11	S.E. 24	..	..			
3	.999	.978	77.3	84.4	86.7	73.5	65	70	68	63	S.E. 12	S.E. 20	3	10			
4	30.044	.977	71.3	85.2	87.4	68.6	64	72	77	65	N. 3	S.E. 18	..	10			
5	.024	.938	72.4	84.9	86.3	69.4	66	69	83	58	N. 2	S.E. 26	..	1			
6	29.975	.949	72.2	85.2	87.3	69.8	64	69	77	60	N. 6	S.E. 18	..	1			
7	.999	.945	75.5	83.8	86.0	70.8	65	69	71	61	N. 3	S.E. 29	2	..			
8	30.044	.973	70.9	83.8	85.9	68.6	64	70	77	61	N. 2	S.E. 26	..	2			
9	.057	.967	73.0	83.8	86.0	69.1	65	68	77	59	N. 3	S.E. 22	10	10			
10	29.999	.950	74.2	79.3	83.2	70.7	66	68	76	70	N. 4	S.E. 10	10	10	0.09		
11	.970	.912	73.8	86.1	86.9	67.6	64	70	69	58	N. 7	S.E. 10	..	10			
12	.925	.865	74.6	86.1	87.5	72.6	68	69	78	57	N. 5	S.E. 8	7	4			
13	.930	.876	74.7	85.8	87.2	71.4	70	74	83	66	N. 2	S.E. 15	..	10			
14	.957	.907	74.1	88.3	91.9	71.6	67	71	77	58	N. 3	S.E. 12	10	9			
15	.971	.930	76.8	83.1	88.1	74.1	70	74	79	73	N. 3	S.E. 14	10	10			
16	.925	.853	77.3	84.4	87.3	74.1	71	70	82	64	N. 2	S.E. 24	..	10			
17	.917	.840	74.9	85.7	86.9	72.6	71	72	86	62	S.E. 10	S.E. 22	10	..			
18	.906	.858	79.3	87.1	87.4	76.7	71	70	76	57	S.E. 13	S.E. 16	10	10			
19	.925	.898	79.0	84.0	89.1	77.1	72	69	78	60	N.E. 2	S.E. 14	10	10			
20	.949	.963	76.2	78.6	87.4	75.2	72	74	85	85	N. 8	N.W. 8	10	10	0.01		
21	.953	.883	76.7	85.9	88.8	72.2	71	74	83	66	N. 2	N. 15	1	10	1.10		
22	.923	.878	77.8	85.0	85.5	71.8	76	72	93	65	S.E. 13	S.E. 22	10	..			
23	.939	.881	75.6	84.4	85.0	70.3	68	70	77	62	N.E. 4	S.E. 22	..	5			
24	.972	.931	75.5	83.9	85.8	69.6	66	73	75	70	N. 4	S.E. 19	4	10			
25	.996	.926	76.3	87.6	89.4	71.8	68	74	78	63	N. 4	S.E. 10	..	10			
26	.981	.898	76.8	85.7	88.0	71.2	70	74	74	66	N. 6	S.E. 12	10	1			
27	.957	.902	77.4	82.9	87.0	72.2	69	74	77	74	N. 6	S.E. 13	..	10			
28	.932	.883	76.5	87.7	88.7	71.8	71	70	84	56	N.W. 2	S. 6	..	7			
29	.950	.889	75.1	84.0	89.0	72.0	67	72	78	67	N.W. 3	N.W. 6	10	10			
30	29.937	29.902	75.9	88.5	89.5	71.4	67	68	72	52	N. 4	S.W. 10	..	7			
Means	29.964	29.910	75.4	84.8	87.3	71.8	68	71	78	63	N.E. 5.1	S.E. 16.3	4.2	6.6			
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.20		

Rainfall slightly above normal. Distant rain to N. on 5 days, to N.E. on 2, E. on 2, and to S.W. and W. on 1 day each.

STATION—KINGSTON.

MAY, 1936.

Day.	Barometer 29 or 30 ins.		Air Temperature. Fah.				Dew Point.		Relative Humidity.		Wind Direction and Velocity. (m.p.h.)		Amount of Cloud.		Rain- fall.		
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.		
1	Ins. 29.906	Ins. 29.866	75.8	81.5	86.3	72.1	67	70	73	69	N.	6	S.	10	6	10	
2	.881	.823	75.5	87.3	88.5	69.3	66	69	74	55	N.	7	S.E.	16	..	7	
3	.876	.854	77.1	86.2	87.2	72.4	68	71	71	61	N.E.	4	S.E.	15	2	10	
4	.940	.904	77.1	84.7	86.2	73.7	68	69	76	58	N.	7	S.	6	7	10	
5	.932	.866	77.3	83.6	87.8	71.6	68	72	75	68	N.	4	S.E.	9	2	10	
6	.867	.834	75.6	84.8	87.1	71.3	69	73	79	67	N.	2	S.E.	12	2	9	
7	.867	.827	77.0	86.1	88.0	71.3	69	71	78	62	N.	4	S.E.	8	10	10	
8	.878	.832	77.6	83.1	87.8	73.6	70	70	76	67	N.	1	S.E.	12	6	10	
9	.896	.842	78.1	78.1	87.0	71.7	69	72	74	83	N.	4	N.W.	6	..	10	0.02
10	.884	.840	77.4	87.4	88.0	71.0	68	73	76	64	N.	4	S.E.	11	8	10	
11	.900	.836	77.6	87.2	89.3	72.5	69	73	73	65	N.	4	S.E.	12	..	10	
12	.865	.812	79.6	86.7	90.4	73.2	69	73	70	61	N.	7	S.E.	9	..	10	
13	.862	.815	79.9	86.8	89.6	74.1	70	74	73	66	N.	5	N.E.	9	..	10	
14	.877	.823	79.6	85.4	89.0	75.2	72	72	75	64	N.	6	S.E.	12	10	10	
15	.873	.840	78.2	86.6	89.3	74.8	71	76	81	68	N.	6	S.E.	12	10	10	0.18
16	.886	.840	78.6	81.5	89.6	73.9	73	75	82	78	N.	5	N.W.	9	10	10	
17	.857	.835	80.7	79.5	88.1	74.6	73	74	77	85	N.	3	N.	8	..	10	0.10
18	.875	.825	78.6	83.9	88.2	73.5	74	75	83	76	N.	1	E.	7	2	10	
19	.845	.824	77.6	83.1	88.4	75.1	74	75	88	76	S.E.	3	S.E.	18	10	10	1.70
20	.826	.790	74.0	83.3	86.5	71.6	71	73	90	72	N.	4	S.E.	12	9	10	0.03
21	.822	.802	75.6	82.4	87.4	71.8	71	73	84	75	N.	8	S.E.	12	7	10	0.04
22	.820	.791	77.1	86.7	87.7	71.3	71	75	83	67	N.E.	4	S.E.	12	..	7	
23	.833	.789	78.3	87.4	88.9	72.7	71	75	80	67	N.	3	S.E.	11	..	2	
24	.847	.801	79.3	87.9	89.6	73.3	71	75	76	66	N.	3	S.E.	8	2	1	
25	.873	.798	80.6	86.4	89.3	74.3	72	75	74	70	N.	5	S.E.	18	..	1	
26	.867	.790	80.3	87.5	89.3	75.3	71	76	74	69	N.	5	S.E.	18	..	4	
27	.844	.774	81.0	88.2	89.1	74.1	72	76	75	67	N.	4	S.E.	23	..	..	
28	.800	.771	82.8	85.7	87.9	79.7	75	76	77	72	S.E.	14	S.E.	18	10	10	3.60
29	.897	.828	70.6	85.3	88.0	70.3	70	75	100	73	N.E.	11	S.E.	18	10	9	
30	.901	.857	78.4	85.1	88.0	76.3	74	78	88	80	E.	4	S.E.	16	..	10	
31	29.856	29.816	83.0	87.2	87.7	80.7	77	77	82	73	S.E.	10	S.E.	14	10	10	3.28
Means	29.869	29.824	78.1	85.1	88.2	73.4	71	73	79	69	NNE.5.1	S.E.12.3	4.3	8.4			
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8.95

Rainfall more than double the normal. Distant rain to N. on 21 days, to N.E. 12, to E. 4, to W. 1 and to N.W. 2 days.

STATION—KINGSTON.

JUNE, 1936.

Day.	Barometer 29 or 30 ins.		Air Temperature. Fah.				Dew Point.		Relative. Humidity.		Wind Direction and Velocity. (m.p.h.)				Amount of Cloud.		Rain- fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins		
	Ins.	Ins.	°	°	°	°	°	°	%	%							
1	29.814	29.823	79.3	82.1	82.2	72.6	76	76	90	81	S.E.	4	S.E.	12	10	10	2.60
2	.870	.854	74.8	82.4	85.7	74.3	74	76	98	83	E.	7	S.E.	10	10	10	0.18
3	.880	.829	78.8	86.9	87.5	74.6	75	76	87	70	S.E.	11	S.E.	20	2	..	0.03
4	.854	.811	77.6	86.7	88.5	75.6	75	74	91	65	S.E.	10	S.E.	18	1	9	..
5	.842	.833	76.8	87.0	88.2	74.3	73	76	87	72	N.E.	5	S.E.	17	10	..	..
6	.831	.811	79.7	87.4	88.0	74.1	74	76	80	71	E.	2	S.E.	18	..	3	0.05
7	.835	.813	80.5	86.7	88.9	74.0	73	77	79	72	N.	5	S.E.	17	..	8	..
8	.851	.825	79.6	83.8	88.7	74.5	74	76	80	78	N.	4	S.E.	18	6	9	0.18
9	.829	.821	74.1	79.0	84.4	73.7	73	75	97	88	N.E.	3	S.E.	12	10	10	1.10
10	.819	.820	74.2	79.5	85.1	73.6	73	75	98	89	N.	4	S.E.	6	10	10	0.49
11	.804	.768	78.9	83.4	83.6	74.2	75	75	86	77	S.E.	8	S.E.	13	10	10	0.59
12	.794	.806	80.5	82.9	86.2	75.9	73	77	79	81	S.E.	20	S.E.	16	10	10	4.40
13	.873	.881	81.3	83.1	86.4	70.1	75	77	82	81	S.E.	18	S.E.	15	10	10	1.59
14	.885	.886	80.5	76.3	81.8	72.9	75	75	84	95	S.E.	11	S.E.	12	10	10	0.76
15	.828	.788	80.2	83.8	85.2	75.6	76	76	88	79	S.E.	14	S.E.	12	10	10	0.06
16	.788	.793	79.5	83.9	85.2	77.6	75	78	89	81	S.E.	11	S.E.	10	10	10	1.02
17	.853	.879	76.9	81.3	81.5	72.2	75	75	92	83	E.	12	W.	5	7	10	0.13
18	.916	.940	74.6	76.0	78.1	72.6	73	75	92	98	N.	5	N.W.	4	7	10	0.29
19	.928	.872	74.7	84.1	87.0	72.1	72	72	90	69	N.E.	3	S.E.	19	10	10	..
20	.882	.850	74.3	81.6	87.0	72.5	70	73	89	73	N.E.	4	S.E.	13	10	10	..
21	.864	.841	75.6	82.6	86.8	72.3	71	74	84	74	N.	4	S.E.	15	10	10	0.17
22	.907	.918	77.8	80.1	86.8	73.8	74	74	86	80	S.E.	18	S.E.	17	10	10	0.13
23	.938	.898	77.2	86.6	87.0	72.7	73	77	85	72	S.E.	15	S.E.	17	4	10	..
24	.906	.835	77.7	87.2	87.9	73.3	73	76	84	69	N.	4	S.E.	20	..	10	..
25	.913	.878	80.4	83.9	88.5	76.1	70	73	74	70	S.E.	4	S.E.	16	10	10	0.03
26	.994	.933	77.3	88.1	89.0	76.3	71	71	82	57	E.	4	S.E.	24	10	5	..
27	.973	.903	78.5	90.1	90.1	72.7	71	73	78	59	N.	3	S.E.	15	3	10	..
28	.943	.929	84.2	89.4	90.2	76.1	72	73	68	64	S.E.	12	S.E.	18	7	10	..
29	.973	.964	78.7	87.1	89.4	76.0	73	73	82	64	N.E.	6	S.E.	17	9	10	..
30	29.988	29.964	75.6	88.4	89.7	73.3	72	74	85	65	N.E.	4	S.E.	19	..	..	..
Means	29.879	29.839	78.0	84.0	86.5	74.0	73	75	86	75	E.S.E. 7.8	S.E. 14.8	7.3	8.5	..	..	..
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13.80

Rainfall nearly four times the normal. Distant rain to N. on 14 days, to N.E. on 7, to E. on 7, to S.E. on 8, to S. on 5, to S.W. on 3 to W. on 4 and to N.W. on 5 days.

STATION—KINGSTON.

JULY, 1936.

Day.	Barometer 29 or 30 ins.		Air Temperature. Fah.				Dew Point.		Relative Humidity.		Wind Direction and Velocity. (m.p.h.)			Amount of Cloud.		Rain- fall.	
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.		
1	Ins. 29.989	Ins. 29.938	78.1	85.9	88.7	73.8	73	75	84	71	N.	1	S.E.	25	10	8	
2	.952	.922	78.4	85.6	90.0	74.3	71	72	78	63	N.	4	S.E.	19	..	10	
3	.940	.899	77.6	86.1	90.3	73.1	71	70	77	58	N.	1	S.E.	20	4	10	
4	.939	.889	74.3	90.4	92.3	73.7	65	68	75	47	N.	5	S.E.	17	10	10	
5	.914	.882	80.9	90.2	91.0	76.9	70	68	69	49	S.E.	18	S.E.	17	10	5	
6	.900	.877	79.4	87.7	88.8	75.1	70	74	74	65	N.	5	S.E.	13	..	10	0.14
7	.880	.882	78.6	83.2	84.3	75.2	75	76	86	78	S.E.	13	S.E.	13	10	10	0.24
8	.932	.913	77.4	81.9	86.1	75.4	73	76	88	81	S.E.	10	S.E.	18	10	10	0.44
9	.951	.931	77.9	86.5	86.8	73.1	73	73	85	66	E.	9	S.E.	16	10	..	
10	.961	.931	75.4	88.8	89.5	70.7	67	75	78	63	N.	7	S.E.	17	..	9	
11	.952	.915	79.1	86.9	88.4	73.5	70	71	75	59	S.E.	15	S.E.	19	5	10	
12	.973	.902	79.1	87.0	89.3	75.2	71	69	76	56	S.E.	10	S.E.	18	10	10	
13	.952	.882	76.6	86.6	87.5	74.4	70	76	79	69	N.W.	6	S.E.	20	3	8	
14	.925	.871	76.6	87.9	88.7	72.1	68	72	76	59	N.	5	S.E.	20	..	10	
15	.896	.888	75.6	88.3	90.4	72.1	69	70	80	57	N.	1	S.E.	20	..	1	
16	.944	.911	83.4	90.6	91.2	78.3	69	70	63	50	E.	15	S.E.	24	..	..	
17	.957	.956	79.3	79.5	91.1	76.3	69	75	71	86	N.	6	S.E.	13	..	10	0.15
18	.961	.925	77.2	87.6	88.2	73.1	68	76	76	66	N.E.	6	S.E.	23	10	7	
19	.950	.913	77.8	87.5	87.8	73.8	73	72	83	61	N.	3	S.E.	21	..	..	
20	.969	.895	75.9	90.3	91.3	71.7	69	73	78	56	N.W.	3	S.E.	26	..	3	
21	.951	.812	77.6	90.3	90.5	75.3	73	73	85	56	N.	1	S.E.	25	..	..	
22	.947	.882	75.9	91.0	91.3	73.8	72	71	85	54	N.	2	S.	6	..	..	
23	.896	.845	80.1	88.6	89.3	76.4	74	76	83	65	S.E.	7	S.E.	16	7	5	
24	.894	.853	77.1	87.3	89.0	74.6	73	74	86	66	N.	5	S.E.	13	7	8	
25	.927	.900	77.6	87.4	89.0	75.2	71	76	85	70	N.E.	6	S.E.	14	8	10	
26	.965	.943	82.6	89.4	90.6	75.4	73	76	72	65	S.E.	9	S.E.	20	..	1	
27	.974	.906	79.1	86.9	88.7	75.0	72	75	78	68	N.E.	4	S.E.	18	..	..	
28	.936	.897	75.6	88.4	88.5	72.1	70	73	82	61	E.	2	S.E.	16	..	10	
29	.945	.925	79.5	85.5	89.7	74.6	70	69	74	60	E.	6	S.E.	22	4	10	
30	.958	.922	78.9	90.9	92.1	74.3	68	70	70	51	N.E.	6	S.E.	26	..	..	
31	29.928	29.887	79.1	91.3	91.9	75.3	70	70	74	49	N.E.	4	S.E.	24	..	..	
Means	29.941	29.900	78.1	87.6	89.4	74.3	71	73	78	62	E.	6.3	S.E.	18.7	3.8	6.0	
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.97	

Rainfall below normal being only about two-thirds of normal. Distant rain to N. 1 day, to N.E. 2, to E. 3, to S.E. 2, and to S, S.E. and W. 1 day each.

Day.	Barometer 29 or 30 ins.		Air Temperature. Fah.				Dew Point.		Relative Humidity.		Wind Direction and Velocity. (m.p.h.)				Amount of Cloud.		Rain- fall.	
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.	
	1 s. 29.918	in. 29.896	° 77.6	° 86.1	° 88.2	° 73.1	° 72	° 77	% 82	% 74	N.W. 3	S.E. 18	8	10				
2	.908	.883	76.2	84.8	88.7	72.7	72	75	88	72	N. 3	S.E. 9	..	10				
3	.901	.911	77.9	79.6	89.5	75.1	69	74	74	81	N. 4	S.E. 10	8	9				
4	.936	.939	77.7	86.0	89.1	74.3	74	78	85	78	N. 2	S.E. 12	..	10				
5	.959	.919	75.6	86.9	87.9	72.1	72	76	86	70	N. 4	S.E. 16	..	7	0.08			
6	.927	.886	77.6	87.6	89.3	73.8	74	74	86	64	N.E. 4	S.E. 13	..	9				
7	.932	.895	77.0	86.9	90.2	73.8	72	76	85	70	N. 5	S.E. 14	..	..				
8	.973	.934	79.8	88.8	89.5	74.3	72	76	77	65	N. 3	S.E. 16	..	4				
9	.954	.887	77.1	88.3	91.0	73.3	69	77	78	70	N. 4	S.E. 15	..	2				
10	.874	.797	79.2	89.3	90.4	74.6	71	76	76	66	N. 7	S.E. 18	..	8				
11	.858	.849	79.9	86.1	90.7	75.8	72	75	76	68	N. 6	S.E. 20	10	10	0.07			
12	.949	.899	75.5	85.7	86.7	75.2	72	71	91	60	N. 6	S.E. 14	..	10				
13	.912	.858	75.6	88.2	89.0	73.8	73	73	91	61	N. 7	S.E. 12	10	10				
14	.844	.818	75.3	82.9	88.8	74.3	67	77	77	81	N. 6	S.E. 16	10	9				
15	.884	.856	78.3	86.7	90.1	74.8	73	76	83	71	N. 3	S.E. 17	..	8				
16	.913	.895	77.6	87.9	90.0	73.7	71	76	79	72	N.E. 5	S.E. 15	10	6				
17	.891	.849	77.6	86.3	88.8	73.7	71	76	79	72	N. 4	S.E. 11	6	8				
18	.881	.840	75.3	87.3	88.5	73.9	72	74	90	65	N. 3	S.E. 20	..	9	0.20			
19	.887	.847	76.5	87.9	89.1	72.7	69	76	80	67	N. 4	S.E. 16	10	10				
20	.879	.846	77.3	84.1	89.2	73.3	71	75	82	74	N.W. 2	S.E. 7	10	10				
21	.880	.864	77.4	83.3	89.4	73.7	70	76	79	79	N. 7	S.E. 12	..	7	0.04			
22	.909	.876	77.2	87.3	88.8	72.5	70	74	80	66	N.E. 3	S.E. 18	..	10				
23	.913	.849	77.9	85.1	89.4	74.7	74	77	89	77	N.E. 2	S.E. 14	2	10				
24	.850	.764	74.4	86.9	90.0	74.1	69	76	87	71	N. 2	S.E. 8	10	10	0.11			
25	.796	.789	75.6	77.8	82.2	75.1	73	76	92	93	S.E. 5	S.E. 4	10	10	0.70			
26	.841	.846	73.5	82.5	82.6	72.7	72	72	97	71	S.E. 7	S.E. 10	10	10	2.27			
27	.873	.838	72.2	82.9	85.1	69.7	71	76	96	78	N.W. 6	S.E. 13	10	10				
28	.885	.825	75.4	84.9	88.9	74.1	71	76	89	75	N. 5	S.E. 11	..	10				
29	.878	.811	78.4	87.2	88.4	74.2	72	76	82	72	N. 5	S.E. 20	..	10	0.47			
30	.901	.876	76.1	87.9	88.9	73.2	73	75	91	75	N. 4	S.E. 23	..	10				
31	29.937	29.894	76.3	85.1	89.8	73.1	70	76	82	74	N. 7	S.E. 20	..	10				
Means	29.899	29.861	76.8	85.8	88.7	73.7	71	75	84	71	N. 4.5	S.E. 14.3	4.0	8.6				
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3.94	

Rainfall above normal.—Distant rain to N. 11 days, N.E. 5, E. 3, S.W. 1, and to N.W. 4 days.

STATION--KINGSTON.

SEPTEMBER, 1936.

Day.	Barometer 29 or 30 ins.		Air Temperature. Fah.				Dew Point.		Relative. Humidity.		Wind Direction and Velocity. (m.p.h.)			Amount of Cloud.		Rai - fall.	
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.		
1	Ins. 29.911	Ins. 29.910	75.6	77.5	88.2	72.1	69	75	80	93	N.	4	S.E.	7	10	0.31	
2	.899	.865	72.6	87.5	87.5	69.6	69	73	88	65	N.	4	S.E.	15	..	..	
3	.887	.907	75.5	78.6	87.8	71.3	67	76	78	91	N.	6	N.	7	10	0.04	
4	.893	.885	75.6	86.6	87.5	71.8	71	73	83	65	N.	3	S.E.	5	1	9	
5	.875	.842	74.6	81.2	89.0	72.2	70	71	83	72	N.	5	N.W.	8	10	0.08	
6	.889	.878	77.4	80.0	87.7	72.8	71	73	82	78	N.E.	4	S.E.	15	10	10	0.14
7	.877	.831	72.4	88.3	88.8	70.3	88	74	88	63	N.W.	2	S.E.	18	..	3	
8	.880	.845	74.5	84.9	88.4	73.4	69	77	87	76	N.	4	S.E.	14	10	10	
9	.919	.866	75.3	85.0	88.4	73.3	73	74	89	70	N.	4	S.E.	11	10	10	
10	.894	.874	76.1	83.4	88.3	72.3	72	74	87	76	N.	1	S.E.	14	8	10	
11	.891	.845	71.9	88.9	87.0	70.8	66	75	82	63	N.	5	S.E.	6	2	8	
12	.860	.837	75.6	86.4	89.3	73.8	70	76	83	73	N.	5	N.E.	7	..	10	
13	.878	.828	76.6	89.9	90.2	74.2	73	73	86	59	N.	3	S.E.	7	7	2	
14	.868	.837	74.5	81.4	88.3	71.9	69	74	87	78	N.	5	N.E.	7	10	10	
15	.865	.816	74.8	85.9	88.4	72.8	69	74	86	67	N.	4	S.E.	10	..	10	
16	.836	.787	75.1	87.6	88.0	72.6	71	77	85	71	N.	3	S.E.	16	..	..	
17	.896	.857	74.6	85.8	89.8	72.1	70	75	84	68	N.	3	S.E.	15	..	9	
18	.907	.876	74.4	83.2	88.5	73.1	70	74	88	77	N.	5	S.E.	13	4	10	
19	.902	.862	74.1	83.6	87.4	72.2	71	75	90	75	S.E.	2	S.E.	15	10	10	
20	.904	.862	75.6	78.9	88.8	72.4	70	71	81	77	N.	2	N.	4	4	10	
21	.882	.855	75.0	81.9	89.2	72.5	71	74	85	77	N.	6	N.	6	10	10	
22	.909	.865	76.2	88.5	90.5	73.0	70	69	82	54	N.	5	S.E.	24	10	4	
23	.945	.909	72.1	88.6	89.7	69.4	63	77	75	67	N.	6	S.E.	19	..	..	
24	.942	.892	74.6	85.0	90.1	72.4	71	76	85	74	N.	3	S.E.	17	..	10	
25	.921	.869	76.6	83.3	89.5	74.5	72	77	85	83	N.	2	S.E.	13	8	10	
26	.948	.923	75.0	86.0	88.7	72.8	71	75	88	71	N.	3	S.E.	7	..	10	
27	.936	.902	75.1	82.3	89.0	72.8	70	75	84	80	N.	5	N.E.	8	..	10	
28	.898	.839	73.9	89.2	89.7	71.5	69	74	84	62	N.	3	N.W.	4	..	7	
29	.863	.810	75.8	87.6	88.8	73.8	72	76	85	67	N.	4	S.E.	12	..	2	
30	29.886	29.841	75.9	89.1	89.5	73.7	71	76	84	67	N.	5	S.E.	10	4	10	
Means.	29.895	29.861	74.9	84.9	88.8	72.4	71	74	85	72	N.	3.9	S.E.	11.1	3.7	7.8	
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.57	

Rainfall below normal, being only about one-sixth of normal. Distant rain observed to N. on 20 days, to N.E. 6. to E. 2 to S.E. 2. to W. 1, and to N.W. 4.

STATION—KINGSTON.

OCTOBER, 1936.

Day.	Barometer 29 or 30 ins.		Air Temperature Fah.				Dew Point.		Relative Humidity.		Wind Direction and Velocity. (m.p.h.)			Amount of Cloud.		Rain- fall	
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.		
	Ins.	Ins.	°	°	°	°	°	°	%	%							
1	29.889	29.826	77.3	85.1	89.8	75.3	73	77	89	77	S.E.	2	N.	8	..	10	
2	.876	.839	76.2	83.8	91.2	74.5	71	77	85	79	N.	5	N.W.	4	9	10	
3	.874	.806	76.5	87.9	88.3	74.1	71	71	84	70	N.	2	S.E.	12	1	1	
4	.866	.812	74.7	84.1	90.7	73.6	71	75	85	74	N.	6	S.E.	13	8	10	0.29
5	.893	.814	71.8	85.3	86.3	71.3	69	69	89	58	S.E.	11	S.E.	7	10	10	0.08
6	.885	.863	74.4	77.6	86.2	72.7	70	75	89	91	N.	2	E.	7	10	10	1.27
7	.894	.819	73.4	79.2	84.6	72.1	71	77	95	94	N.	5	S.E.	10	10	10	0.32
8	.865	.820	74.7	84.6	84.6	72.9	73	73	93	67	N.E.	5	S.E.	18	10	10	
9	.906	.853	72.6	87.6	89.2	71.6	68	74	86	62	S.E.	16	S.E.	22	..	..	
10	.945	.872	75.5	84.9	87.8	73.2	71	75	86	71	S.E.	8	S.E.	17	..	..	
11	.938	.863	74.9	87.1	87.9	73.8	71	66	87	67	N.	4	S.E.	20	..	..	
12	.932	.833	74.1	88.5	88.9	72.1	69	72	87	60	N.	2	S.E.	20	..	2	
13	.914	.855	73.4	84.8	89.2	71.5	68	77	86	76	N.	4	S.E.	12	..	9	
14	.880	.838	73.1	83.2	89.6	71.7	68	71	87	68	N.	3	N.	8	..	10	1.21
15	.867	.828	70.2	74.4	87.2	68.1	68	71	93	90	N.	6	N.	4	..	10	0.37
16	.873	.833	71.0	86.4	87.0	68.3	67	72	87	64	N.	6	S.	7	..	10	
17	.851	.814	73.7	83.1	84.8	72.6	70	74	88	73	N.	6	N.	6	10	10	0.12
18	.847	.812	73.9	80.1	85.3	73.1	72	76	95	87	N.	4	S.E.	13	10	10	0.13
19	.868	.826	72.9	83.8	85.7	71.9	71	75	92	74	N.E.	3	S.E.	14	..	10	
20	.888	.85	75.1	81.1	84.0	74.7	74	75	97	84	E.	2	S.E.	10	9	10	
21	.894	.838	77.2	84.4	87.5	74.6	75	72	92	67	S.E.	9	S.E.	16	10	10	
22	.883	.800	72.1	86.5	89.8	70.6	67	74	85	67	N.	4	S.E.	8	..	10	
23	.885	.855	75.1	82.0	88.0	73.6	72	75	91	79	N.	4	E.	5	3	10	
24	.941	.897	73.5	86.1	90.6	71.3	69	75	87	70	N.	4	S.E.	7	10	10	
25	.939	.889	75.1	86.9	88.4	73.4	70	76	84	71	N.	3	S.E.	11	2	10	
26	.910	.824	72.6	86.6	88.0	71.3	70	73	91	64	N.W.	1	S.E.	8	6	7	
27	.870	.805	74.6	88.0	88.1	73.3	70	74	87	63	N.	3	S.E.	11	..	..	
28	.848	.813	73.8	87.4	88.8	72.1	71	74	90	66	N.	3	S.E.	14	..	..	
29	.886	.845	75.7	81.3	89.6	72.1	69	75	79	80	N.	6	W.	4	..	10	
30	.905	.847	73.8	86.2	88.3	72.3	70	74	88	67	N.	4	S.E.	7	..	..	
31	29.881	29.820	73.3	87.5	88.0	71.9	69	75	88	67	N.	4	S.E.	5	1	4	
Means	29.890	29.836	74.1	84.4	87.9	72.4	70	74	88	72	NNE.4.7	S.E. 10.6	3.8	7.2			
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3.79

Rainfall below normal, being only one-half of normal. Distant rain to N. 13 days, N.E. 1, E. 2, S.E. 3, S. 1, S.W. and W. two each and to N.W. 3.

STATION—KINGSTON.

NOVEMBER, 1936.

Day.	Barometer 29 or 30 ins.		Air Temperature. Fah.				Dew Point.		Relative Humidity.		Wind Direction and Velocity. (m.p.h.)		Amount of Cloud.		Rain- fall.		
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.		
1	Ins. 29.895	Ins. 29.833	74.4	87.7	88.8	73.8	70	75	88	66	N.	2	S.E.	15	2	8	
2	.892	.805	74.4	89.1	90.4	73.2	71	71	91	57	N.E.	2	S.	11	..	6	
3	.828	.752	72.8	78.1	87.1	71.7	67	76	80	92	N.	7	W.	6	3	..	0.13
4	.781	.722	69.2	83.1	84.1	68.4	67	70	95	67	N.	5	S.E.	15	4	6	
5	.784	.726	71.6	85.7	86.0	69.6	67	75	84	71	N.	6	S.E.	18	..	..	0.02
6	.827	.774	73.2	82.5	84.7	72.9	71	73	93	73	N.W.	4	S.E.	8	..	10	0.06
7	.842	.790	74.7	79.1	86.6	73.9	73	73	93	83	N.	3	S.E.	20	10	10	0.02
8	.817	.768	71.1	85.8	86.7	70.1	69	74	94	67	N.	2	S.E.	12	..	..	
9	.834	.789	76.0	86.7	88.4	70.1	69	72	79	60	N.	6	S.E.	12	10	7	
10	.905	.831	72.1	84.1	90.2	71.7	69	75	89	74	N.	3	N.E.	6	..	9	
11	.935	.860	74.4	88.9	90.5	73.1	69	73	85	59	N.	5	S.E.	28	..	..	
12	.940	.855	73.5	88.1	89.2	72.9	68	72	85	59	N.	2	S.E.	22	8	..	
13	.918	.824	74.2	88.6	89.6	72.8	69	72	84	59	N.	4	S.E.	18	..	1	
14	.890	.812	72.4	87.1	88.5	71.2	67	74	85	66	N.	4	S.E.	13	10	10	
15	.887	.815	74.3	86.1	88.1	73.3	69	71	83	62	N.	7	S.E.	18	10	10	
16	.914	.885	77.1	87.3	88.1	76.1	71	73	82	65	N.	4	S.E.	4	10	10	
17	.944	.894	73.8	85.5	88.8	73.3	91	71	91	62	W.	2	S.	6	..	10	0.09
18	.935	.864	72.1	86.4	87.0	70.1	69	73	91	65	N.	3	S.E.	13	4	10	
19	.922	.851	71.0	87.2	87.8	69.8	67	73	86	63	N.	3	S.E.	15	..	3	
20	.923	.854	73.0	85.4	86.8	72.1	69	73	89	69	N.	4	S.E.	9	3	6	
21	.896	.828	71.5	85.3	87.1	70.8	67	73	86	68	N.	4	S.E.	16	..	1	
22	.921	.884	70.2	84.4	86.2	68.8	64	72	82	68	N.	6	S.	4	1	10	
23	.957	.896	72.1	86.8	89.5	70.2	66	71	84	59	N.	8	S.	8	..	10	
24	.967	.887	71.6	89.1	89.1	70.5	68	72	87	57	N.	3	S.E.	10	..	2	
25	.932	.858	72.6	85.4	88.4	72.1	68	74	83	70	N.	4	S.E.	19	..	4	
26	.934	.863	72.7	86.5	87.3	71.5	68	72	85	64	N.	6	S.E.	6	..	7	
27	.983	.945	71.9	85.2	87.2	70.1	67	72	86	66	N.	5	S.	6	..	..	0.27
28	30.020	.972	74.2	78.8	85.6	67.9	72	75	92	89	N.	5	N.	4	10	10	
29	30.006	.943	72.6	84.1	87.0	71.7	71	73	92	70	N.	7	N.E.	5	10	10	
30	29.927	29.864	72.2	85.1	86.7	70.4	66	73	80	67	N.	7	S.E.	10	7	6	
Means	29.905	29.841	72.9	85.4	87.7	71.5	69	73	87	67	N.	4.4	S.E.	11.9	3.4	5.8	
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.59

Rainfall below normal, being only about one-fifth of normal. Distant rain to N. 4 days, to N.E. 3, to E., N.E. 5, and S. and S.W. on 1 day each.

STATION—KINGSTON.

DECEMBER, 1936.

Day	Barometer 29 or 30 ins.		Air Temperature. Fah.				Dew Point.		Relative Humidity.		Wind Direction and Velocity. (m.p.h.)		Amount of Cloud.		Rain- fall.	
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.	
1	29.895	29.854	71.0	84.1	85.9	70.1	68	71	89	65	N.	3 S.E.	11	10		
2	.904	.878	71.3	77.8	83.4	69.8	65	72	83	83	N.E.	3 S.E.	12	10	0.22	
3	.940	.877	68.9	85.2	85.8	67.5	67	73	92	67	N.	6 S.E.	16	4		
4	.968	.920	69.9	87.8	88.1	67.3	67	71	91	57	N.	4 S.	6			
5	.983	.912	70.3	87.9	89.3	69.2	67	71	90	58	N.	1 S.E.	20	6		
6	.964	.903	72.8	87.9	88.2	72.4	68	72	86	58	N.W.	1 S.	6	9	5	
7	.934	.877	72.4	85.2	87.2	70.1	66	71	81	63	N.	7 S.E.	16	4	8	
8	.919	.857	70.3	82.9	85.8	69.5	68	71	93	70	N.	3 S.E.	18	10		
9	.935	.881	72.4	82.7	85.6	71.1	66	74	79	74	N.	3 S.E.	10	10	10	
10	.893	.817	70.9	86.5	87.3	68.8	67	68	88	56	S.E.	4 S.	3	7	6	
11	.864	.849	68.9	80.2	87.0	66.5	63	69	79	68	N.	6 S.E.	6	10		
12	.894	.838	66.7	85.0	87.1	65.7	60	69	80	57	N.	6 S.E.	8	9		
13	.916	.884	65.6	86.1	86.1	65.3	58	66	77	51	N.W.	4 S.	7			
14	.957	.924	68.2	84.6	85.8	66.5	60	73	75	66	N.	7 S.E.	10	4		
15	30.011	.958	73.3	80.7	85.2	71.1	68	70	83	69	N.	5 N.	4	10	10	
16	29.988	.909	68.1	85.1	86.0	67.1	61	70	79	61	N.	5 S.E.	19			
17	.951	.900	69.1	80.3	85.8	68.7	64	69	86	68	N.	5 S.E.	10	10		
18	.935	.900	71.9	85.6	86.5	71.1	65	71	78	59	N.	5 S.E.	14	2	10	
19	.975	.914	70.1	83.0	86.7	69.6	65	73	85	71	N.	3 S.E.	20	2		
20	30.014	.914	68.0	78.9	86.5	67.8	61	74	80	83	N.	6 S.E.	6	3	10	0.15
21	29.990	.925	69.5	81.5	84.8	68.6	65	68	87	64	N.	6 S.E.	6	10		
22	.973	.915	69.4	86.3	87.1	68.8	66	71	91	60	N.	3 E.	6	9		
23	.971	.903	69.1	85.3	85.8	68.4	67	70	92	62	N.	2 S.E.	6	10	0.02	
24	.942	.880	68.6	80.6	86.0	68.1	64	71	89	72	N.E.	3 S.E.	8	10	0.03	
25	.917	.865	67.9	83.9	84.5	67.1	64	70	88	62	N.	7 S.	7	10	0.08	
26	.932	.881	68.1	78.6	85.1	67.1	64	74	87	84	E.	4 S.	4	10	0.28	
27	.912	.908	69.6	82.8	84.0	69.2	69	71	95	69	E.	4 S.	10	10	0.07	
28	.956	.890	69.1	85.1	85.2	68.7	67	70	95	61	N.E.	4 S.	8			
29	.894	.844	69.5	85.1	85.8	69.0	67	72	93	64	N.	2 W.	3	8	0.05	
30	.895	.816	72.0	81.6	84.9	70.3	67	64	86	71	N.	4 S.E.	4	10	10	0.22
31	29.913	29.856	68.3	85.3	86.3	67.3	69	70	92	60	N.	4 S.W.	6	4	4	
Means	29.940	29.886	69.7	83.7	86.1	68.6	65	71	86	66	N.	4.2 S.E.	9.4	2.2	7.0	
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.12

Rainfall below the normal. Distant rain to N. 8 days, to N.E. 5, to E. 3, and to S.E. and S. 1 day each.



NEGRIL POINT LIGHT HOUSE, JAMAICA.—Mean Meteorological Results for the Year 1938. Latitude 18° 15' North. Longitude 78° 23' West.

Month	Mean Pressure.		Air Temperature.						Dew Point.		Relative Humidity.		Amount of Cloud.		Rainfall.		Weather.				Wind.									
	7 a.m.	3 p.m.	Max.	Min.	Max.	Min.	Date	7 a.m.	3 p.m.	Mean.	7 a.m. p.m.	3 a.m. p.m.	Mean.	Total.	Max.	Date.	Thunderstorm.	Rain.	Clear Sky.	Overcast.	Gales.	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
Jan.	71.2	81.2	84.2	68.8	85.4	76.3	3	68	74	71	89	79	86	3.2	2.05	23	1	12	2	6	..	4	27	4	9	7	1	3	4	3
Feb.	71.3	81.9	83.5	69.6	86.6	76.1	28	68	73	70	89	74	86	4.5	0.95	21	..	2	4	4	..	5	13	8	17	10	2	1	1	1
Mar.	72.8	82.3	84.0	70.1	87.4	76.8	3	70	73	72	89	74	84	5.1	1.00	11	1	7	1	3	..	10	9	6	17	10	1	1	4	4
April	75.0	82.1	85.0	70.9	88.2	77.8	30	71	74	72	88	78	88	6.7	2.20	27	..	12	1	4	..	14	11	6	12	5	..	1	11	11
May	78.0	84.1	86.2	73.0	89.0	79.8	1	73	75	74	85	76	85	7.9	2.93	25	2	12	1	7	..	9	15	8	6	1	3	1	13	6
June	79.5	83.8	86.4	74.1	89.1	80.4	17	75	77	76	87	80	87	9.0	1.81	10	6	17	..	7	..	5	14	4	30	4	1	..	1	1
July	78.2	85.2	88.6	74.0	92.5	81.0	20	72	76	74	82	74	82	8.6	1.24	17	4	10	1	16	..	9	23	4	17	4	2	..	3	..
Aug.	78.0	85.4	88.9	74.0	91.6	81.1	2	74	77	75	86	77	85	7.6	1.57	19	3	12	..	10	..	15	21	6	8	3	2	1	5	1
Sept.	76.6	85.0	88.3	73.0	90.1	80.2	20	73	77	75	89	78	88	7.5	1.21	20	13	15	..	3	..	10	23	6	7	3	1	1	6	3
Oct.	75.6	85.3	87.8	72.6	90.1	79.8	16	73	77	75	92	77	88	7.7	3.42	19	6	18	2	4	..	11	22	6	14	5	1	..	2	1
Nov.	74.9	84.3	87.4	72.4	90.1	79.3	9	71	73	72	86	70	81	6.7	0.67	10	2	12	..	5	..	16	20	7	3	5	2	2	3	3
Dec.	71.9	83.3	85.6	69.2	87.3	77.0	14	67	70	68	86	66	79	5.5	0.76	17	..	7	3	3	..	17	19	7	3	9	1	..	2	4
Means 29.922	75.2	83.7	86.3	71.8	89.2	78.8	..	71	75	73	87	75	85	6.9	..	..	38	136	15	72	..	125	217	72	143	66	17	10	44	38
Totals	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

\*And other days. Barometer Pressure reduced to the Standard of National Physical Laboratory 32°. Gravity at Latitude 45° and to Mean Sea Level. The 75th Meridian West of Greenwich Standard Time used. Altitude of Standard Barometer above Mean Sea Level 33 ft. Height of Thermometers above ground 4 ft. 6 inches. Height of Rain-gauge above ground 6 ft. 5 ins. Height of Anemometer above the ground 94 ft.



Kingston.—Summary of Extremes of Instrumental Observations, for the Year 1936.

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.		Greatest Velocity.	7 a.m.			3 p.m.				
							Greatest	Least.		Miles per Hour.	Date			%	Date	%	Am. unt. (Ins.)
January	30.008	7	29.822	23	0	24	320	116	25	30	4	73	4	42	7	0.47	23
February	.055	23	.869	4	0	24	407	104	2	30	26	66	4	42	23	0.35	13
March	29.978	24	.820	17	1	16	346	132	18	24	27	71	22	50	3	0.16	12
April	30.036	9	.885	18	1	7	369	113	28	34	2	68	3	52	30	1.10	21
May	29.935	4	.780	28	1	1	365	107	18	22	29	70	12	56	2	3.60	28
June	.992	29 & 30	.774	16	2	0	393	90	18	30	12	68	28	57	26	4.40	12
July	.991	17	.877	7	13	0	374	108	22	48	17	63	16	47	4	0.44	8
August	.974	4	.772	24	9	1	234	110	2	30	26	74	3	60	12	2.27	26
September	.959	26	.823	16	3	2	237	103	12	30	17	75	23	54	22	0.31	1
October	.938	24	.831	18	3	2	337	95	30	24	7	79	29	58	5	1.27	6
November	30.014	28	.763	4	3	5	264	93	17	24	7	79	9	57	2	0.27	28
December	30.002	15	29.848	11	0	24	200	87	23	30	18	75	14	51	13	0.28	26

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

## YEAR 1936 METEOROLOGICAL, JAMAICA CLIMATIC CONDITIONS. PRECIPITATION.

The Island total rainfall for the year 1936 was excessive, giving the highest, with 86.20 inches since the year 1933, which recorded the phenomenal total of 116.53 ins. The month of May, with a total of 18.35 ins. represented more than double its normal. The months of January, April, May, June, July and August were above their averages. The other months were below. The total mean number of rainy days for the Island was 135 as compared to the 35-year average of 122. The abnormal rains caused considerable damage to roads, bridges and cultivation.

The data following give a condensed report of the most important features concerning each Division or Parish, with respect to the incidence of precipitation, in reference to the monthly results.

*January.*—This month shewed a small excess. The North-eastern Division, although below normal, gauged a mean of 5.55 ins. and the Southern Division giving the least with 3.04 ins. But all the other divisions, although with less rainfall, were above the average. The heaviest precipitation occurred during the latter part of the month, particularly on the 23rd and 29th. The greatest total fall for the month was 13.71 inches at Enfield, in the North-eastern Division, and the heaviest fall in 24 hours was 8.00 ins. at the same station, on the 29th.

The mean number of rainy days was eight, which corresponds to the normal. The greatest number was twenty-one at Port Antonio, in the North-eastern Division.

The Parish of Portland recorded the most with 7.04 ins. and the parish of Kingston, the least, with only 0.72 inch.

*February.*—The precipitation for the Island was much below the 60-year average. Each Division suffering a deficiency. (This is usually the driest month). Most of this restricted rainfall appears to have occurred during the first few days, and again at the end of the month, particularly on the 1st and 2nd and again on the 27th and 29th.

The greatest total fall for the month was 12.03 ins. at Orange Vale in the North-eastern Division, and the heaviest fall in 24 hours was 3.62 ins. at Green Island in the Northern Division on the 21st. No rain fell at Harmony Hall and Wales, in the Northern Division.

The mean number of rainy days was six, the average being seven; the greatest number being eighteen at Manchioneal in the North-eastern Division.

The parish of Portland recorded the most with 4.64 ins. whilst the parish of Kingston had the least with only 0.53 inch.

*March.*—The mean monthly rainfall for the Island, was below the average in all the Divisions, except the Northern, which gave a slight excess. The heaviest precipitation appears to have occurred on the 1st, 11th, and 12th and again on the 19th when very heavy showers fell in Western St. Mary and Eastern St. Ann causing considerable damage to roads in that section. The greatest total fall for the month was 10.79 ins. at Paradise in the North-eastern Division, and the heaviest fall in 24 hours was 6.50 ins. at Ocho Rios in the Northern Division, on the 19th.

The mean number of rainy days was seven, the average being eight. The greatest number was sixteen at Paradise in the North-eastern Division.

The parish of Portland recorded the most, with 6.16 ins. and the parish of Kingston the least with only 0.23 of an inch.

*April.*—The Island mean monthly rainfall was above the average in all Divisions particularly in the West-central Division. The heaviest rainfall occurred during the latter half of the month, especially between the 19th and the 21st. The heaviest fall in 24 hours was 9.32 ins. on the 20th at Balcarres in the North-eastern Division. The greatest fall for the month was 19.97 ins. at the same station. No rain fell at Plumb Point Light House, in the Southern Division.

The mean number of rainy days was nine, which is the average for the month.

The parish of Manchester recorded the most rainfall with 11.08 ins. followed by Portland with 11.07 ins. The parish of Kingston was the least with only 0.74 of an inch.

*May.*—The "May Season" was much in evidence, for the mean monthly rainfall was more than double the average in all Divisions, and was the second highest May rainfall on record; the highest being 21.24 ins. in the year 1888, followed by 1936 with 18.35 ins. Very heavy rains occurred towards the end of the month, particularly on the 28th which caused serious damage to roads, on many of which traffic was interrupted by inundation, landslips and breakaways. The rains were general throughout the Island, (and were also experienced at George Town, Grand Cayman Island with 20.47 ins.) but were heaviest in St. Andrew, Portland, St. Elizabeth, Manchester, Clarendon and St. Catherine.

The greatest total fall for the month was 53.32 ins. at Paradise in the North-eastern Division, and the heaviest fall in 24 hours was 17.85 ins. at Cave Valley (in St. Ann) on the 28th. Other heavy falls occurred on the 28th at Shooters Hill 16.48 ins. (gauge overflowed) Bellas Gate 15.65 ins., Borobridge, 15.60 ins., Spaldings 15.27 ins., Kendal (Manchester) 14.65 ins., Castleton 12.95 ins., Ewarton 12.86 ins., and several other stations gauged over 10 inches.

The mean number of rainy days was seventeen, the average being twelve. Millbank in the North-eastern Division had the record number of thirty-one, followed by Moore Town with thirty. Several other stations had from twenty-seven to twenty-nine rainy days.

The parish of Portland had the greatest monthly fall of 31.12 ins., followed by Manchester with 28.07 ins., and Clarendon 27.78 ins., parish of Kingston shewing the least with 9.04 ins. All the parishes were markedly above the 10-year normals.

*June.*—The mean monthly rainfall was much above the average in all the Divisions, especially in the Southern Division which had over three times its normal. Very heavy and continuous rains fell during this month, particularly in the first three weeks, causing much damage to roads. These rains were general throughout the Island, but heaviest in Kingston, St. Andrew, St. Thomas, Portland, Manchester, Clarendon and St. Catherine. The greatest total fall for the month was 41.00 ins. at Millbank, in the North-eastern Division, and the heaviest fall in 24 hours was 7.65 ins. at Southfield in the Southern Division on the 12th.

The mean number of rainy days was eighteen; the average being ten. Manchioneal and Bath, in the North-eastern Division, had most rainy days, twenty-nine each.

The parish of St. Thomas had the most precipitation with 25.56 inches, followed by Manchester with 23.19 ins., and Clarendon with 18.71 ins. The parish of St. Ann had the least with 6.11 ins.

There was a weather disturbance about 600 miles to the West of Negril Point on the 12th which possibly contributed to these heavy rainfalls.

Grand Cayman shewed a heavy total for June with 11.20 ins. also a heavy fall in 24 hours of 2.25 ins. on the 11th.

*July.*—The Island mean monthly rainfall was slightly above the normal in all the Divisions, except the West-central which was about four-fifths of the normal. The heaviest precipitation appears to have occurred during the first week, particularly on the 7th. The greatest total fall for the month was 28.68 ins. at Moore Town, in the North-eastern Division, and the heaviest fall in 24 hours was 9.55 ins. at Clifton Hill in the West-central Division on the 7th.

The mean number of rainy days was eight, being one less than the average. Moore Town, in the North-eastern Division, had most rainy days—twenty-four. No rain fell at Ewarton in the Central Sub-Division.

The parish of Portland recorded the highest rainfall of 12.32 ins., followed by Manchester with 7.98 ins. and Hanover with 7.90 ins. The parish of Kingston had the lowest 1.41 inch.

*August.*—The Island mean rainfall was above the normal, shewing 7.95 ins. as against the normal of 6.93 ins. All the Divisions, except the Northern, were in excess. The heaviest precipitation occurred in the latter half of the month, particularly on the 26th, but, generally, the rainfall was well distributed, as the mean number of rainy days was twelve as against the average of eleven. Mulgrave, in the West-central Division, had most rainy days, twenty-seven.

The greatest total fall for the month was 25.01 ins. at Wallingford, in the West-central Division, and the heaviest fall in 24 hours was 8.60 ins. on the 26th at Manchioneal in the North-eastern Division.

The parish of St. Thomas recorded the highest with 12.43 ins. followed by Westmoreland with 11.88 ins. and St. Elizabeth with 9.92 ins. The lowest mean occurred in St. Mary with 4.08 ins.

*September.*—The mean monthly Island Rainfall was below the average in all Divisions. The general mean was 6.88 ins. as against the normal of 7.94 ins. The greatest total fall for the month was 19.40 ins., at Williamsfield in the parish of Westmoreland, in the West-central Division; and the heaviest fall in 24 hours was 5.60 ins. at Castleton Gardens in the North-eastern Division, on the 10th.

The mean number of rainy days was thirteen which corresponds to the average.

The greatest number of rainy days was twenty-five at Castleton, Mulgrave, Holland and Fairfield respectively.

The parish of Westmoreland recorded the highest monthly fall of 10.76 ins. followed by St. Andrew with 9.74 ins., and St. Elizabeth with 8.58 ins. The lowest recorded was at Kingston, with only 1.55 inch.

*October.*—The "Season" rains were below the normal, for the Island mean monthly precipitation gave only 7.73 ins. as against the 60-year normal of 10.21 ins., representing about three-quarters of the average. But it was proportionally well distributed in each Division. The number of rainy days was fourteen which is the average for 35 years. The West-central Division gave the highest mean of 8.83 ins., and sixteen rainy days. The Northern gave the lowest with 5.70 ins.

The greatest total fall for the month was 29.03 ins. at Moore Town, in the North-eastern Division, and the heaviest fall in 24 hours was 5.66 ins. at Millbank in the same Division, on the 6th. Moore Town station had most rainy days, with twenty-five.

The mean rainfall for the parish of St. Thomas shews 12.16 ins. which is the highest, followed by Portland with 11.87 inches, and Westmoreland with 9.47 ins. The parish of Kingston with only 4.62 ins. was the lowest. There were no very excessive flood rains to cause heavy damage.

*November.*—The Island monthly rainfall was much below the average in all the Divisions, except the West-central which was slightly in excess. This restricted rainfall was, however, fairly well distributed, the mean number of rainy days being twelve which corresponds to the average for the month. The greatest total fall for the month was 30.01 ins. at Millbank, in the North-eastern Division, and the heaviest fall in 24 hours was 7.60 ins. at Fellowship, in the same Division, on the 6th.

The greatest number of rainy days was twenty-four, at Comfort Castle and at Averham Park.

The parish of Portland recorded the highest with 14.84 ins. as against its 10-year average of 26.04 ins. followed by St. Mary with 8.22 ins. and Westmoreland 7.57 ins. The parish of Kingston gave the lowest with only 0.62 inch.

*December.*—The Island mean rainfall was slightly below the normal. The North-eastern and Northern Divisions were below, while the West-central and Southern Divisions were above their normals. The greatest total fall for the month was 32.59 inches at Millbank in the North-eastern Division, and the heaviest fall in 24 hours was 6.50 ins. at Port Antonio in the same Division on the 17th.

The mean number of rainy days was eleven; the average for the month being nine. Barrett's Gap in the North-eastern Division had most rainy days, twenty-four.

The parish of Portland recorded the highest monthly mean fall of 15.28 ins., followed by St. Mary with 9.79 ins. and St. Ann with 7.40 ins. Kingston with 1.43 inch was lowest.

The parish of Portland recorded the greatest rainfall for seven months of the year, and the parish of Kingston shewed the least for ten months out of the twelve.

#### THE ISLAND RAINFALL FOR THE YEAR 1936.

The total mean rainfall, derived from the twelve monthly averages, embracing the Four Divisions of the Island, for the year 1936, as supplied by about 250 reporting Stations, from all sections of the Island, was 86.20 ins. as compared to the 60-year Island rainfall normal of 73.87 ins. The first half of the year gauged a mean total of 47.99 ins. as against the aggregate possible normal of 30.55 ins. which is equivalent to 57% above the normal. The second half of the year gauged 38.21 ins. as against the aggregate normal of 43.32 ins. equivalent to 12% below the normal. On the whole the Island Rainfall was 12.33 ins. above the 60-year average. Each of the Divisions was in excess as given in total rainfall in inches.

## DIVISIONS.

	North-eastern.	Northern.	West-central.	Southern.
	Ins.	Ins.	Ins.	Ins.
Rainfall total 1936	104.76	66.88	104.42	68.73
Total 60-year Average	99.54	56.68	87.84	51.42
Percentage of Excess	5.2%	18.0%	19.0%	33.6%

The mean total of rainy days for the year was 135, as against the 35-year average of 122, or 13 days average excess of rainy days.

Taking the year's rainfall total as 86.20 ins. in 135 days with rain, a mean of 0.64 inch per rainy day is derived. June had a mean of 18 rainy days, which stands the greatest; whilst February had only 6.

The parish of Portland gauged the greatest total mean of 148.27 ins. for the year, followed by Manchester with 109.54 ins. The parish of Kingston had the least fall for the year with 41.67 inches.

A reprint of the Annual Table of Rainfall which appeared in the Weather Report No. 725 for December, 1936, page 7, is subjoined.

TABLE (A)—The Island Rainfall 1936 (In Inches).

Month.	Divisions.				The Island.		Rainy Days.	
	N.E.	N.	WC.	S.	1936.	Average for 60 years.	Means for 1936.	Average for 35 years.
January	5.55	3.90	4.80	3.04	4.32	4.00	8	8
February	3.01	1.26	1.78	1.23	1.82	3.13	6	7
March	3.74	2.53	2.70	1.64	2.65	3.35	7	8
April	7.57	5.69	10.44	4.63	7.08	4.77	9	9
May	20.88	15.00	24.09	13.44	18.35	8.77	17	12
June	14.69	10.03	14.72	15.65	13.77	6.53	18	10
July	6.54	3.20	6.21	3.21	4.79	4.75	8	9
August	8.81	4.75	11.33	6.89	7.95	6.93	12	11
September	7.10	5.79	9.21	5.42	6.88	7.94	13	13
October	8.66	5.70	8.83	7.71	7.73	10.21	14	14
November	8.58	4.66	6.87	3.13	5.81	8.29	12	12
December	9.63	4.37	3.44	2.74	5.05	5.20	11	9
Total 1936	104.76	66.88	104.42	68.73	86.20	..	135	..
Total 60-year Average	99.54	56.68	87.84	51.42	..	73.87	..	122

## WEATHER DISTURBANCES YEAR 1936.

During the 1936 Hurricane Season there were eleven disturbances ranging from gale to hurricane force; nearly all shewed their activity to the North of the Latitude (18°) of Jamaica, and for the most part were within barometric range of this Island.

The following gives account of their tracks and intensity for each month:—

## JUNE.

(1) About the 11th June a weather disturbance was reported in the Gulf of Honduras, moving somewhat northerly on the 12th. The centre was near to the NE. coast of Yucatan; moving into the Gulf of Mexico on the 14th. It then coursed towards the South Florida Gulf coast, at 20 miles south of Fort Myers at 1 a.m. on the 15th. The centre passed directly over Miami, Florida, U.S.A., at about 8 a.m. It continued somewhat easterly, passing to north of Andros Island, then NE. towards the Western Coast of

Bermuda, between the 16th and 17th June. Torrential rains were experienced in Southern Florida. The wind did not exceed gale force. At Kingston frequent rainsqualls, intense thunderstorms and heavy rains occurred between the 12th and 14th. The barometric pressure fell to 29.77 inches on the 16th. The Island rainfall was double the average. A total precipitation of 41 inches was gauged at Millbank in the N.E. Division. The Cayman Island recorded a total rainfall for June of 11.20 inches.

## JULY.

(2) On the 22nd July a Weather Disturbance of moderate intensity was located to the NW. of Porto Rico. It was estimated as of small diameter. It apparently, moved in a North-westerly direction. This disturbance evidently continued in a course of a short distance to North of San Domingo but shewed no further development and was no longer identified on the 23rd.

(3) On the 27th July a Tropical disturbance of moderate intensity developed to the S.E. of Andros Islands, and moved in a course in the Bahama Group, then approached South-eastern Florida, crossed over extreme Southern Florida about the 29th and entered the Gulf of Mexico moving about WNW. attaining hurricane intensity, estimated at 100 miles per hour. Reported damages relatively slight.

## AUGUST.

(4) On the 8th a disturbance appeared about 200 miles to the WSW of Port Eads. On the 9th the winds became somewhat more vigorous with gale force from eastward. At 7 a.m. on the 9th the centre moved slowly in a westerly direction accompanied by moderate to fresh winds. On the 10th it was located near to Lat. 27° N and Long. 94° W. On the 12th it entered the Mexican Coast north of Tampico.

(5) A disturbance appears to have originated over the extreme North-western part of the Caribbean Sea on the 14th. On the 15th the centre apparently moved to North-westward when it was located about Lat. 23° N. and Long. 88° West. Wind of force 9 was reported by the S.S. Canto. The cyclone centre moving westward and was, on the 17th, approximately, Lat. 24° N. and Long. 93° West. The centre continued in a SW course on the 18th with hurricane force. Thereafter the centre moved WSW, then West and passed inland a short distance north of Tampico.

(6) On the morning of the 29th, reports from ship and from Mexican coast station, and from Washington, the existence of a tropical disturbance, with centre in the Gulf of Campeche was broadcast. During the evening of the 29th ships' reports located a moderate depression within the region of Lat. 20° N. and Long. 92° to 95° W. The extreme wind was estimated as of force 8, south. During the forenoon of the 30th the disturbance became locally, of much increased energy. The centre passed inland near to Tuxpan on the forenoon of the 30th, vide U. S. Monthly Weather Review for August, 1936, giving details.

## SEPTEMBER.

(7) On the 28th of August radio reports were received from Ships in Lat. 15° N. and Long. 45° W. On the 31st August from ship reports the centre of an intense Cyclone was located near Lat. 25° N. and Long. 56° W. Washington has remarked that this is the farthest area to the eastward, in the Atlantic in which the existence of a tropical storm had formed. On September 1st, this disturbance attained full hurricane force. Winds were reported as of force 11 of the Beaufort Scale. On September 2nd, this hurricane recurved to the eastward of Bermuda, with centre in Long. 58° W. Full hurricane intensity was maintained until the centre had moved to Lat. 42° N. and Long. 39° W. on the 5th.

(8) At 7 a.m. on September 7th a ship in Lat. 20° N. and Long. 59° W., reported some indications of a tropical disturbance forming to Northward. Twelve hours later there was a mild cyclone wind over the Leeward Islands and the ocean to the northward with a centre near Lat. 21° N. and Long. 62° W. By the morning of the 8th this disturbance, which continued of minor intensity, appeared to have advanced towards the WNW. Later observations failed to reveal any further development.

(9) Concurrent with the above, near to the Leeward Islands on the 8th another disturbance to the eastward, with a centre near Lat. 13° N. and Long. 50° W. was located. Vessels in the vicinity reported the existence of a well developed Cyclone approximately in Lat. 18° N. and Long. 55° W. Its progressive movement was very slow at first, but increased to about 10 miles per hour as it approached Hatteras (U.S.A.) By the morning of the 15th September this hurricane was of wide extent and of marked intensity. On the 16th the area of wind of force 6, and higher (Beaufort Scale) was about 1,000 miles in diameter. By that criterion it was regarded as one of the largest tropical cyclones on record. As this hurricane centre approached Hatteras it began recurving to the northward and, after passing a short distance east of the Virginia Capes on the 18th it turned on its track to the NE at an increasing rate of progress. A considerable number of ships were heavily involved, or very near, to this hurricane centre. The maximum wind velocity was 80 miles per hour. There was considerable loss of property in the Eastern States of U.S.A.

(10) Reports on the 19th September gave some evidence of the existence of a cyclone formation at about Lat. 21° N. and Long. 63° West. During the 21st very rapid development took place with recurve to the N.E. As a fully developed hurricane of small diameter it was centred close to Lat. 29° N. and Long. 70° W. at noon and on the 22nd. This disturbance, appears to have been of minor character at all its stages.

## OCTOBER.

(11) There was one tropical disturbance reported during this month, it developed on the 9th on the west coast of Yucatan and in the Bay of Campeche. Conditions were found to have been unsettled over the N. W. Caribbean Sea. On this date reports indicated that the disturbance in forming was probably central near Campeche. The centre appears to have moved SSW. across the Bay of Campeche, and inland, a short distance east of Frontiers on October 10th. On the morning of the 11th it was centred north of Tapachula.

For details see the U. S. Monthly Weather Review of October, 1936.

## NOVEMBER.

There were no weather disturbances, of any note, reported during this month.

## HAILSTORMS.

A hailstorm, accompanied by heavy rain, was reported from Trinity Ville and Mavis Bank Factory, (St. Thomas) on October 14th. Also at Labyrinth on the 15th.

## NORTHERS.

*Kingston*—Moderate on the 23rd and 24th February.  
*Negril*—Light Norther throughout the month of March.  
*Morant Point*—Norther on 23rd and 24th February. Also on 17th and 28th November.  
 Northers also occurred on the northside during the latter part of December.

## EARTHQUAKES.

There were no Earthquakes reported for the month of January, September, October and December. The following eight months experienced shocks of slight to moderate intensity:—

February 12—8.30 p.m. Intensity II, felt at Albany, Dry Harbour, Rosemount, Fairfield, James' Hill, Coleyville, Warsop, Balaclava, Catadupa, Springfield, Malvern, Pedro Plains, Black River and Negril.

March 5th—10 a.m. Intensity I, felt at Clifton Hill.

March 23rd—About 7.40 p.m. Intensity I, felt at Mandeville, Balaclava, Fairfield, Windsor, Malvern and Harkers Hall.

March 23rd—9.10 p.m. at Malvern.

April 3rd—5.40 a.m. Intensity I, Black River.

April 14th—12.37 p.m. Easington and Seaforth.

April 20—7.30 a.m. Kingston and Barbican.

April 20th—8.27 p.m. Intensity II, felt at Moy Hall, Aeolus Valley, Barbican and Kingston.

May 28th—11.20 p.m. Intensity II, reported from 27 places, over a large area, including the parishes of Kingston, St. Andrew, St. Mary, St. Catherine, St. Ann, Clarendon and St. Elizabeth.

June 20—10.20 a.m. Intensity I, Kingston.

July 14th—4.46 a.m. Intensity varying from I to II, over an area including the parishes of Kingston, St. Andrew, St. Mary, St. Ann and St. Catherine.

August 16th—8.55 p.m. Intensity I, felt at Mount Cressy and Barbican.

November 17th—Intensity I, felt at Clifton Hill.

## SOLAR HALOS.

Complete solar halo was seen at Kingston on April 15th at 10.45 a.m. also partial one on 16th about noon.

## YEAR 1936.

## METEOROLOGICAL RESULTS.

## CITY OF KINGSTON.

The mean barometric pressure for the 12 months was for the 7 a.m. 29.920 ins., and for the 3 p.m. 29.872 ins. By applying the corrections for the diurnal variation, for these respective hours, an annual mean of 29.907 ins. is derived—which is 0.025 inch below that of the 33-year normal. The months of April and October were slightly above normal, the remainder of the months (10) were markedly below. The month of May shewed as much as 0.058 inch below its normal of 29.910 ins. There was a phenomenal rainfall over the Island at this time. The month of February shewed the highest mean of 29.957 ins. for the year, and the month of October the lowest mean of 29.876. The mean pressure for February was therefore 0.081 inch above that of October, being the mean range.

The mean annual temperature, based upon four observations each day, (or 1,464 thermometer readings during the year,) was 78.8 degs. which is only 0.1 deg. above that of the 33-year normal of 78.7 degs. The highest maximum temperature was 92.3 degs. on July 4th and the lowest minimum was 65.3 degs. on December 13th. The monthly greatest extreme range was 24.5 degs. in March and the least range was 20.1 degs. in June. The mean monthly extreme range for the year was 22.5 degs. which is 1.2 deg. lower than the 33-year results.

The anemometer records for the year 1936 show a mean daily total miles of 181 which is 2 miles less than the 25-year average of 183. The months of January, February, April, July, October and November recorded winds above the normal. The remaining six months shewed below the normals. The greatest daily mean of 244 miles occurred in July, and the least mean of 130 occurred in December.

The mean relative humidity for the 7 a.m. observations was 83% which shews 1% above the 33-year average of 82% and the 3 p.m. observations give 67% which is 2% below the normal of 69%.

The total rainfall for the year as registered at the Public Works Building, Port Royal Street, Kingston, was 36.34 ins., the 60-year normal being 31.57 inches. June recorded the greatest with 13.80 inches and March, the least, with 0.20 inch.

The total number of rainy days was 79 which corresponds to the 60-year average. The greatest number of rainy days in one month was 18, in June, and the least was 3 in March and April.

The amount of cloudiness for the year was 52% as against the 33-year normal of 53%. This includes both 7 a.m. and 3 p.m.

## SUMMARY OF EXTREMES FOR THE YEAR.

In each monthly Weather Report there appear figures giving the extreme values of certain observations, deduced, which are reproduced on page 18.

During the year 1936, February 23rd gave the highest barometer reading of 30.055 inches, and November 4th read the lowest, with 29.763 inches. The maximum temperature rose to 90 degs and above in the month of July on 13 days, and kept below 90 degs. in January, February and December. Then the minimum temperature was below 70 degs. for 24 days each in January, February and December, and kept above 70 degs. throughout the months of June and July, and taking the whole year the maximum temperature was 90 degs. and over on 36 days and the minimum was below 70 degs. on 106 days in the early mornings. The maximum number of miles of wind registered in 24 hours was 407 on 4th February, and the minimum was 87 miles on 23rd December. The greatest rate of hourly velocity during a short interval of time, was 48 miles per hour on 17th July during a S.E. gale, accompanied by a rainsquall. May the 29th had a S.E. high wind of 22 m.p.h., being the lowest in the Table.

The lowest monthly 7 a.m. mean relative humidity was 78% in April and July, and the lowest mean 3 p.m. was 60% in February. Then for individual days the extreme lowest for 7 a.m. was 63% on 16th July and the extreme lowest 3 p.m. was 42% on 23rd February, also on 7th January.

During the year the greatest rainfall in 24 hours occurred on 12th June with 4.40 inches, followed by 28th May with 3.60 inches.

## NEGRIL POINT LIGHT HOUSE.

The extreme maximum temperature recorded was 92.5° on the 22nd July, and the extreme minimum was 64.0° on the 14th of December. The greatest range of temperature was 25.3° in the month of December and the least range was 18.1° in the month of June. The greatest monthly rainfall was 7.92 inches in May; the average for 35 years being 6.25 inches, shewing 1.67 inch in excess of the normal, and the least was 1.09 inch in February as against the 35-year average of 1.86 inch. The total number of rainy days was 136 for the twelve months. November had 18 rainy days, followed by June with 17. February had only 2 rainy days. The year's total rainfall was 55.21 inches, as against the 35-year average of 54.09 ins.

The daily average wind record for the year was 137 miles. The highest daily average was 181 miles in June, and the lowest was 109 miles in September.

The observations were conducted by Mr. J. S. Brownhill, J.P., the Superintendent of the Light House.

## MORANT POINT LIGHT HOUSE.

The extreme maximum temperature was 90.7° on the 23rd of August, and the extreme minimum was 63.4° on the 12th of February. The extreme range for the year was, therefore 27.3°. The greatest monthly range was 22.5 in March, and the least was 14.5° in July. The greatest monthly rainfall was 14.74 inches in June, and the least was 0.75 inch in February. There were 192 rainy days for the year. June had the greatest with 28 days and the month of March had the least with 8 rainy days. The total rainfall for the year was 66.33 inches the mean for 60 years being 66.67 inches, or practically the same amount. The months of April, June, August and October gauged totals in excess of their 60-year normals. The remainder of the months were deficient. Then, for the twelve months, there being 192 rainy days, there was an average of 0.35 of an inch per rainy day. The mean daily total miles of wind was 258. July recorded the greatest with 342 miles, and September the least with 213.

The observations were conducted by Mr. Chas. Durrant, the Superintendent of the Light House.