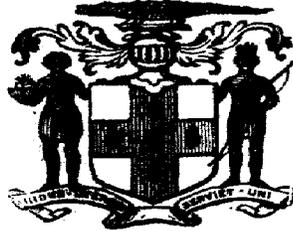


No. 712

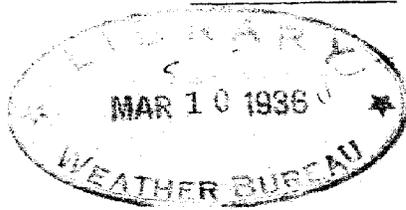
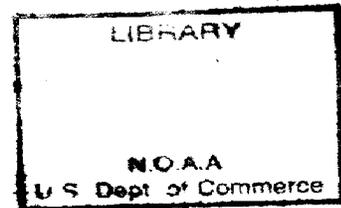
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1934



# JAMAICA RAINFALL

FOR THE YEAR

1 9 3 4.



JAMAICA  
GOVERNMENT PRINTING OFFICE, KINGSTON.

1935.

# **National Oceanic and Atmospheric Administration**

## **Climate Database Modernization Program**

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March 28, 2002



NORTH-EASTERN DIVISION, 1934.

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Manchioneal	6.32	10.98	5.20	6.49	3.98	3.11	2.45	12.82	12.95	12.53	19.39	13.03	110.18	100.58
Priestman's River	4.30	18.70	3.60	10.15	4.30	2.74	3.95	16.76	14.30	13.20	10.90	12.00	114.90	89.46
Bath	7.84	16.04	3.92	6.23	7.74	6.31	7.68	13.48	10.91	16.61	26.44	12.41	135.61	113.30
Barretts Gap	13.15	15.52	6.48	10.27	8.84	7.91	7.56	14.55	13.11	17.06	36.44	12.56	163.44	
Millbank	19.86	30.65	13.47	12.60	4.96	7.09	21.54	31.62	16.10	12.77	46.55	24.75	241.96	
Moore Town	17.31	33.63	8.25	4.89	2.89	3.90	18.68	21.90	17.98	13.64	31.11	15.02	189.20	208.31
Port Antonio	7.94	22.65	4.94	12.66	5.04	3.84	6.36	14.77	11.53	11.93	14.55	15.04	131.25	129.75
Passley Garden	6.07	15.66	4.71	6.51	3.55	1.80	5.22	14.82	8.92	9.32	11.81	12.49	100.88	
Fellowship	9.24	27.74	5.05	9.21	2.08	0.00	9.42	13.20	10.70	10.36	22.89	19.12	144.01	172.99
Johnson River Br.	5.21	6.25	0.89	3.30	5.31	6.55	5.77	15.92	8.05	8.99	18.55	5.81	90.60	88.36
Trinity Ville	3.46	5.32	0.37	2.98	6.68	6.07	4.88	16.35	9.37	10.56	14.63	8.36	89.03	
Shrewsbury	26.15	15.96	5.31	4.28	0.65	0.53	3.10	14.01						158.71
Hope Bay	9.06	14.10	5.75	9.47	0.69	1.22	4.72	13.11	5.34	6.80	16.34	14.54	101.14	
Cedar Valley	5.27	6.60	1.59	2.29	6.45	9.99	4.83	13.30	6.31	12.78	16.32	7.81	93.54	89.45
Moy Hall	6.56	8.89	2.29	2.05	6.31	5.80	3.10	12.26	4.84	13.66	21.14	7.04	93.94	103.41
Paradise	22.77	30.80	1.25	19.62	1.12	0.71	3.53	14.71	7.17	4.81	34.99	19.56	161.04	
Lennox	8.23	15.92	1.03	8.33	0.00	0.00	0.96	10.72	5.87	7.53	18.90	18.14	95.63	
Greenvale	17.80	24.47	1.95	10.04	7.67	0.39	1.76	8.75						150.84
Spring Garden	8.54	16.50	1.18	9.11	0.66	0.32	1.21	5.57	4.86	5.63	13.32	9.47	76.37	77.59
Hill Gardens	7.83	9.70	2.39	1.43	5.37	2.93	3.71	7.28	5.87	14.78	26.90	7.67	95.86	100.11
Buff Bay	6.90	13.58	3.30	9.37	1.25	0.25	1.45	6.91	5.29	6.25	14.85	11.42	80.82	97.13
Orange Vale	27.97	26.38	1.70	10.95	6.21	0.27	1.41	9.92	7.09	7.95	39.59	13.44	152.88	
Belvedere, Portland	11.49	17.80	1.49	11.64	1.87	0.14	1.00	8.16	4.25	5.89	17.51	14.20	95.44	85.94
Windsor Castle, Portland	11.06	14.76	1.70	7.71	2.24	0.31	1.53	4.92	3.12	3.21	14.02	13.41	77.99	83.19
Balcarras	22.49	24.19	1.50	8.49	5.41	0.75	4.06	5.16	8.00	6.00	64.63	11.56	162.14	
Mt. Holstein	13.78	17.03	1.34	7.43	10.83	2.12	9.04	6.35	11.38	11.09	55.71	6.92	153.02	138.96
Cedar Hurst	11.47	14.24	1.28	8.53	9.40	2.20	7.44	6.08	7.50	14.48	45.50	7.37	135.44	
Hardware Gap	9.00	15.41	5.44	6.86	11.41	3.02	6.11	9.20	11.87	15.01	36.90	5.50	135.73	97.57
Rose Hill	3.09	7.72	1.86	4.31	10.45	2.45	10.00	11.29	20.09	11.90	6.98	3.00	93.14	104.60
Hermitage	5.63	7.98	2.71	6.96	13.74	3.68	6.49	10.02	13.64	10.33	17.63	3.19	102.00	
Mount Airy	9.61	12.11	3.33	14.46	20.73	2.86	8.25	9.55	22.99	11.62	40.93	5.54	161.98	
Stony Hill Ind. School	3.74	9.38	1.78	7.99	12.45	2.97	5.85	9.26	12.38	12.44	15.23	3.55	97.02	97.12
Boon Hall	4.43	11.23	1.98	6.10	13.14	3.17	6.95	8.52	13.61	11.41	17.09	3.46	101.09	
Brandon Hill	7.98	12.92	1.96	8.78	21.12	0.82	7.04	8.37	13.41	15.63	28.41	4.85	131.29	
Enfield	10.54	15.28	6.31	10.48	6.50	1.38	4.00	9.60	11.24	6.38	29.49	10.73	130.93	
Agualta Vale	6.69	14.37	5.69	5.73	2.73	2.56	1.49	5.39	3.58	1.53	13.04	11.32	74.12	70.07
Castleton Gardens	15.87	15.59	4.18	11.07	18.57	3.89	12.70	13.27	12.84	12.12	58.41	8.10	186.61	117.44
Water Valley	8.27	19.30	3.99	4.57	6.85	1.33	0.14	1.50	4.50	1.72	7.55	14.79	74.51	72.57
Albany	7.94	19.60	4.46	5.86	7.59	1.80	0.29	4.78	7.13	3.08	10.48	11.86	84.96	67.54
Lawrence Tavern	7.30	9.73	0.55	9.84	8.00	2.95	8.67	9.97	10.24	12.24	21.29	4.76	105.54	77.25
Wey Hill	8.44	4.69	1.56	3.97	5.17	2.37	9.39	6.68	6.00	10.21	23.22	2.71	84.41	
Richmond, St. Mary	10.29	16.24	4.33	4.95	12.22	4.07	3.36	4.02	10.75	9.34	16.52	6.64	102.78	76.60
Quebec	8.46	16.08	6.28	6.26	3.28	1.76	8.47	4.77	6.70	4.25	8.47	10.25	76.71	69.23
Above Rocks	4.38	5.43	2.01	8.01	8.77	2.98	8.97	8.26	9.77	10.13	15.50	4.59	88.80	
Glengoffe	6.97	9.06	2.84	11.67	8.10	3.49	4.26	8.53	14.35	9.33	19.87	3.42	101.89	
Carew Castle	4.82	7.72	1.48	11.14	11.08	4.15	5.15	7.79	5.15	9.44	17.58	2.88	88.38	86.72
Hampstead, St. Mary	15.82	20.00	5.29	7.16	9.87	1.86	0.84	4.27	5.70	4.97	14.47	9.72	99.97	87.04
Windsor Castle, St. Mary	9.95	25.00	2.39	6.70	10.64	4.45	3.42	5.30	4.77	8.91	23.90	10.00	115.43	
Troja	6.86	9.18	2.12	4.87	8.71	6.38	6.25	4.92	4.30	9.42	20.16	4.15	87.32	
Pear Tree Grove	7.68	12.05	2.00	1.09	8.25	2.98	1.93	3.79	5.66	7.09	19.01	1.94	73.47	
Guys Hill	8.61	16.70	2.82	5.18	11.03	5.79	6.27	5.39	6.51	6.92	24.12	6.10	105.44	71.62
Lucky Hill	9.20	19.06	3.82	8.27	9.45	8.40	6.70	2.82	10.87	4.69	16.85	7.99	108.12	79.52
Rio Hoe	7.42	11.39	1.22	6.61	4.50	4.01	7.56	4.92	4.09	6.80	20.36	4.58	83.44	77.58
Unity Valley	6.53	13.10	1.13	16.25	5.60	8.10	6.44	10.28	8.65	9.60	21.03	6.72	113.43	81.33
Moneague	5.39	17.55	1.25	9.27	5.90	9.39	6.54	6.51	6.34	6.60	19.25	4.43	92.42	79.83
Ciarentmont	6.38	11.02	2.00	6.85	5.31	3.70	3.38	4.65	4.23	6.80	18.13	4.60	77.05	71.97
Averham Park	5.79	11.92	3.23	8.69	5.17	1.89	2.40	5.23	6.16	6.99	18.23	7.21	82.91	79.26
Albion	4.74	10.30	3.26	10.79	5.75	3.05	5.02	4.84	6.49	8.13	17.81	6.53	85.71	76.27

NORTHERN DIVISION, 1934.

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Port Maria	8.85	14.42	5.00	8.22	4.17	0.56	1.74	4.42	3.89	4.59	8.90	9.40	74.16	68.32
Wentworth	2.50	13.81	5.38	7.68	4.60	0.41	1.78	4.03	3.32	5.63	7.58	8.73	65.45	
Eden Park														
Oracabessa	5.66	16.78	6.05	6.80	7.99	0.26	2.46	5.21	2.84	5.41	11.18	8.61	79.25	
Huddersfield	4.79	8.87	7.03	4.53	3.66	6.20	2.30	3.66	4.48	2.90	9.17	7.97	65.56	
Ocho Rios	5.70	12.37	4.21	4.22	6.26	5.52	2.77	3.13	3.81	2.39	7.61	6.48	64.47	52.92
Bogue, Ocho Rios	5.56	14.68	4.83	4.17	4.41	3.29	1.66	2.02	4.11	4.34	8.80	8.70	66.57	64.15
Drax Hall	6.05	17.36	5.21											63.94
Rockfield	7.44	13.95	4.93	6.77	4.19	0.90	1.03	2.50	3.97	4.01	14.29	9.38	73.36	73.66
Liberty Hill	6.05	10.66	3.95	2.53	4.90	0.79	0.95	0.87	3.26	3.42	5.18	11.20	53.76	61.00
St. Ann's Bay	5.26	13.05	3.98	2.65	2.92	0.78	1.60	1.38	3.44	5.63	8.23	8.54	57.46	58.29
Seville				1.78	2.15	0.22	1.25	1.24		4.05			60.16	69.16
Richmond Estate	5.18	8.62	2.82	1.07	2.66	0.00	0.74	1.61		4.63	5.31	5.88	59.93	59.93
Llandoverly	10.30													59.74
Runaway Bay	3.18	4.33	3.80	2.25	1.85	0.24	1.30	2.00	3.60	2.70	5.95	5.31	36.51	27.10
Knapdale	7.82	6.03	6.57	7.48	8.61	1.80	5.91	5.77	5.85	3.70	12.37	13.88	85.79	
Alexandria	2.61	4.61	2.16	7.06	3.54	4.55	2.04	4.52	10.51	8.05	11.56	3.00	64.21	50.98
Bel Air	5.25	5.45	5.80	4.65	4.60	0.95	1.80	4.50	7.20	4.50	9.15	11.65	65.80	
Brown's Town	4.68	5.88	4.83	4.39	5.14	2.60	5.13	4.76	8.47	8.16	11.04	8.20	68.28	69.16
Watt Town, St. Ann	2.36	1.64	1.94	7.77	1.76	1.35	1.55	3.96	13.52	9.79	3.01	2.61	51.26	53.13
Home Castle	9.10	4.05	6.75	7.60	4.10	2.05	5.48	3.90	3.30	6.85	11.52	11.45	76.15	87.81
Richmond Pen	3.00	3.52	3.62	6.15	4.80	3.30							55.55	
Arcadia	4.81	2.82	5.51	3.40	3.01	1.68	3.54	3.60		4.26	5.63	6.05	51.01	
Vale Royal	4.28	2.66	3.58	2.31	5.05	2.00	2.37	5.07	2.47	3.65	5.31	7.05	45.80	56.36
Harmony Hall	3.90	3.18	4.52		1.12	2.03	2.44	2.87	3.28	3.46	3.22	6.96		42.10

## NORTHERN DIVISION, 1934, contd.

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Duncans	3.29	3.00	3.85	2.11	1.31	0.53	1.72	4.98	2.30	...	...	...	...	...
Clark's Town	...	4.98	5.89	3.16	2.73	4.80	...	5.26	4.94	...	8.16	...	...	...
Falmouth	3.56	5.47	5.82	3.73	2.51	1.67	1.12	4.05	1.76	...	2.75	...	...	38.20
The Hague	3.12	7.40	6.21	2.12	3.68	1.40	...	3.56	2.20	6.70	3.15	5.98	...	...
Wales	3.05	5.00	5.60	4.95	4.05	3.05	...	3.25	6.15	3.70	...	5.25	...	...
Adelphi	...	3.86	3.96	5.45	12.13	3.40	7.83	3.26	6.59	5.48	6.37	8.31	...	...
Success	2.22	4.51	2.86	1.43	7.53	2.10	0.33	1.85	0.83	3.98	5.05	5.05	37.74	36.48
Rose Hall	2.24	4.57	2.44	1.52	7.10	2.15	1.25	2.70	1.02	3.34	5.15	4.42	37.00	39.38
Cinnamon Hill	2.45	4.03	2.26	2.15	6.80	3.00	0.70	2.85	0.59	3.12	5.19	5.26	38.40	41.25
Tryall	2.30	3.35	2.10	2.50	4.15	4.13	0.45	2.45	1.75	4.00	5.10	5.85	38.13	46.27
Running Gut	2.24	5.18	3.66	1.40	6.30	2.35	0.56	2.73	1.40	5.22	6.45	5.48	39.46	39.46
Spring Estate	2.75	3.05	1.55	1.70	2.15	2.65	0.45	2.05	1.70	5.70	4.60	5.30	33.65	40.38
Friendship	2.07	5.71	4.16	5.16	13.70	5.46	...	8.88	6.43	10.38	9.84	7.00	60.91	60.91
Retirement	1.70	5.44	5.08	5.77	12.70	4.67	3.67	8.34	6.83	10.27	9.23	6.49	80.19	66.73
Rosemount	2.01	4.54	1.46	2.69	10.44	4.30	3.39	4.94	5.63	6.52	7.84	6.27	59.77	...
Montego Bay	1.67	3.85	1.39	3.24	9.56	3.78	5.02	7.12	7.17	7.81	4.44	7.08	65.13	54.47
Anchovy	3.04	3.03	3.68	4.46	6.43	4.00	6.80	7.33	9.82	6.33	4.27	3.80	62.99	55.67
Hopewell	1.73	3.85	3.55	4.98	6.52	3.91	7.42	10.34	5.81	14.02	7.69	11.60	81.42	...
Bamboo	1.38	2.60	4.28	7.72	7.81	3.27	8.66	6.59	6.14	10.82	7.25	8.39	74.91	...
Blue Hole	1.73	3.96	7.47	6.27	14.49	4.25	5.42	5.65	7.20	10.87	9.92	6.60	83.83	80.97
Cascade	1.86	7.04	6.44	19.71	21.72	13.37	13.06	10.44	20.18	11.66	12.64	10.78	148.90	...
Kew	2.25	2.80	5.90	...	16.80	7.00	...	4.75	11.05	11.70	11.85	...	72.09	68.46
Luca	1.47	2.79	5.55	4.32	12.21	...	4.14	4.27	3.99	8.72	13.14	8.93	2.56	64.51
Haughton Court	1.76	3.41	6.95	5.21	11.27	...	...	5.00	5.76	9.20	...	...	80.69	...
Kendal, (Hanover)	2.76	6.54	8.83	12.89	16.10	10.15	15.25	10.31	13.77	13.07	13.70	8.82	131.69	...
Cousins Cove	...	4.70	9.72	5.89	9.52	8.22	9.05	4.41	13.71	10.25	8.68	3.11	...	...
Green River	2.95	4.53	6.59	9.33	13.47	8.60	14.61	9.72	12.44	13.62	8.58	5.64	111.08	...
Green Island	1.70	4.26	9.56	5.94	10.84	5.63	9.04	5.30	11.84	9.87	6.51	3.12	83.61	78.10
Haughton Hall	...	3.62	6.24	5.26	10.12	6.05	10.68	4.79	10.90	8.10	5.44	2.46	...	...
Knollis	3.32	6.93	0.63	7.59	7.78	7.03	7.40	12.04	11.01	9.20	12.59	3.69	89.21	...
Highgate	5.22	10.50	2.20	8.07	9.88	6.20	7.15	13.99	10.49	11.09	15.90	4.51	105.20	...
Rio Magno	5.42	10.29	1.89	6.45	4.26	8.51	15.18	8.90	8.52	7.99	15.79	...	...	...
Riversdale	6.97	8.22	1.95	6.97	1.65	7.65	13.44	12.78	19.06	8.24	14.25	2.96	104.14	53.48
Headworks, R. C. C.	5.42	4.00	2.35	5.09	3.92	1.95	3.25	11.12	5.40	7.82	...	6.96	...	...
Bog Walk	7.50	8.60	0.70	7.96	5.98	6.95	6.25	5.05	6.70	7.55	9.50	1.85	74.59	...
Linstead	4.31	8.07	0.55	2.13	2.57	4.88	3.93	8.01	15.28	10.25	11.39	0.53	71.90	70.22
Ewarton	5.08	6.64	1.01	1.81	1.90	7.03	5.57	10.89	11.95	9.05	10.15	1.26	72.33	...
Guanaboa Vale	3.65	8.89	2.65	4.03	4.83	3.43	4.89	10.29	6.85	11.37	7.10	1.10	69.08	...
Cave Valley	1.45	6.83	2.16	4.25	5.02	2.99	3.59	5.33	8.61	4.02	2.62	0.33	47.20	65.88
Point Hill	6.08	11.40	1.83	8.11	5.23	4.48	5.03	15.15	8.83	14.08	10.90	5.09	96.21	92.48
Brown's Hall	2.23	8.92	2.42	3.88	5.48	3.77	3.30	15.90	6.80	12.18	7.05	2.63	74.56	79.29
Bellas Gate	2.19	5.41	4.09	3.57	5.64	2.15	3.05	10.84	5.13	10.05	3.11	2.50	57.73	44.76
Rock River	0.48	6.42	1.79	2.72	2.54	3.90	2.87	7.10	1.99	7.83	4.19	2.88	44.71	...
Crofts Hill	4.95	10.42	1.32	10.35	5.44	4.41	6.44	6.83	5.95	11.01	11.23	1.93	80.28	57.46
Far Enough	4.55	11.04	3.03	8.35	7.18	4.98	5.27	5.76	8.36	12.30	9.17	3.55	83.54	...
Suttons	1.56	10.92	3.99	5.93	10.17	7.42	7.34	8.52	5.11	12.38	3.79	5.09	82.22	...
Chapelton	0.90	6.97	1.08	4.50	7.40	3.99	4.48	6.69	7.69	8.92	5.28	3.66	61.56	61.16
Croked River	2.38	7.64	1.03	4.62	4.62	3.37	5.61	11.14	13.26	12.19	5.39	2.99	74.24	...
Colonels Ridge	3.66	7.31	1.00	5.32	10.52	4.43	5.63	10.14	6.68	13.84	10.20	5.69	84.42	...
James Hill	2.26	9.10	0.59	6.34	6.17	7.09	4.62	8.52	9.55	9.89	9.77	2.09	75.99	...
Frankfield	3.20	7.59	1.20	9.28	6.13	4.95	9.40	9.45	8.63	10.37	5.47	0.85	76.52	58.40

## WEST-CENTRAL DIVISION, 1934.

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Mocho	2.43	12.59	2.32	5.71	4.64	3.91	6.62	10.51	8.24	10.67	4.18	4.82	76.64	68.43
Clarendon Park	2.78	9.02	2.79	2.28	3.89	1.74	1.99	9.11	8.32	4.44	1.49	2.53	...	...
Borobridge	1.46	7.56	2.52	8.22	9.39	6.43	4.13	7.99	8.32	10.20	7.28	2.19	75.69	...
Spaldings	2.40	9.72	5.57	7.50	6.95	4.31	1.89	9.72	7.23	9.66	7.55	2.72	75.22	62.54
Porus	2.86	7.41	2.81	4.32	8.00	2.76	3.40	14.67	6.68	8.13	2.92	2.92	66.88	...
Williamsfield	2.51	11.53	2.80	4.93	9.82	3.44	5.90	12.90	5.21	12.95	4.87	2.41	79.27	...
Brokenhurst	3.78	8.58	5.24	3.31	9.85	4.57	4.00	8.52	6.74	7.24	8.17	1.87	71.87	80.50
Shooters Hill	5.28	8.38	4.03	7.73	7.21	3.97	3.98	12.79	7.11	10.33	3.61	2.30	76.72	66.00
Wait-a-Bit	1.99	6.39	4.06	11.73	9.46	1.66	6.01	6.62	11.71	15.91	9.55	3.25	88.34	84.46
Christiana	2.27	7.16	5.68	7.68	10.18	4.38	2.48	6.55	6.73	9.79	5.45	1.98	70.33	73.05
Clifton Hill	5.85	10.23	4.67	3.40	10.92	5.08	5.63	10.60	5.65	11.62	...	2.02	69.76	69.76
Kendal, Manchester	4.53	9.28	5.04	6.71	9.01	3.78	4.39	12.45	5.33	10.41	3.66	2.36	76.95	76.37
Mereworth	5.45	7.07	3.92	5.37	10.07	6.85	6.17	...	...	11.76	4.87	1.65	...	...
Mandeville	4.99	9.00	4.21	4.02	8.46	5.31	5.57	8.39	4.88	8.11	5.13	1.61	69.68	77.00
Ulster Spring	3.27	7.62	5.65	10.70	9.90	4.87	8.36	4.38	10.81	4.15	10.49	6.36	96.36	83.34
Marshall's Pen	2.76	7.83	5.23	5.02	9.05	4.70	5.97	...	3.62	...	...	...	74.59	...
Greenvale	4.91	10.62	3.80	6.68	9.43	4.23	3.39	5.41	6.94	6.55	5.72	1.59	69.27	...
Albert Town	2.48	6.97	4.85	14.74	6.31	3.00	3.98	5.57	13.01	9.41	4.19	2.08	76.59	80.41
Craighead	0.84	6.71	3.08	8.18	8.26	2.17	5.03	6.66	8.39	9.66	7.12	3.40	69.50	...
Warsop	2.78	6.60	4.03	14.75	11.07	2.67	7.22	6.17	9.60	21.63	8.06	4.28	98.86	...
Troy	3.15	11.02	5.15	16.63	11.55	2.90	10.31	8.20	9.08	10.38	6.06	2.72	106.15	98.31
Wallingford	5.44	15.95	9.79	23.32	17.43	6.27	9.39	7.12	13.03	19.00	10.50	3.04	140.28	85.74
Balaclava	5.01	9.10	5.75	12.75	13.47	5.34	6.12	5.03	10.77	15.41	6.44	2.66	97.85	78.53
Wakefield	...	3.92	6.63	7.04	8.91	4.28	8.04	5.90	8.64	...	...	...	...	...
Maggotty	5.04	6.40	8.13	14.92	17.06	8.57	5.51	7.90	12.01	14.47	8.22	3.96	112.21	96.77
Lacovia	5.90	11.12	4.07	16.24	14.42	...	2.87	5.29	7.25	11.56	6.56	2.16	...	...
Kempshot	2.19	6.37	8.14	10.45	13.36	6.29	7.08	10.71	10.66	8.05	8.66	4.68	96.44	77.29
Mocho, St. James	1.65	7.21	9.01	12.80	18.11	7.62	9.14	12.31	17.43	21.51	5.76	7.20	129.75	...
Bandon Pen	2.51	5.76	8.88	11.36	10.96	4.46	9.57	11.48	9.62	12.75	9.46	4.60	101.41	...

WEST-CENTRAL DIVISION, 1934, *contd.*

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average.
	In.	In.	In.	In.	Tu.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Catadupa	1.55	6.56	5.29	11.28	15.52	6.09	9.02	11.70	18.78	19.11	5.73	5.03	115.66	105.15
Cambridge, St. James	1.43	6.69	5.69	9.55	12.08	6.81	9.41	12.61	20.05	13.05	4.43	2.62	104.42	93.87
New Market	3.28	9.38	8.14	10.43	10.59	6.09	8.62	8.30	11.03	10.13	6.92	2.26	95.17	98.37
Kew Park	2.74	7.00	5.94	7.16	12.76	4.59	10.11	9.79	15.85	16.32	3.18	2.82	98.26	94.31
Montpelier	1.72	2.59	4.81	12.72	10.25	4.98								64.78
The Bog, New Market	4.05	9.82	6.86	13.21	10.50	6.60	10.49	10.33	10.85	12.12	9.06	3.46	107.35	104.93
Bethel Town Dist.	4.04	11.10	6.20	9.31	16.77	4.64	11.07	10.38	18.70	14.81	2.94	3.65	113.61	119.69
Burnt Ground	1.51	6.18	5.59	16.27	13.74	5.15	13.78	7.91	14.70	8.03	3.87	3.03	99.76	93.77
Haughton Grove	1.31	10.26	4.27	18.98	14.55	7.03	9.92	7.33	15.60	5.69	4.20			94.96
Darliston	6.45	15.97	10.34	19.78	18.89	5.40	13.43	15.72	14.83	16.29	4.78	5.62	147.50	116.61
Bluefields	5.97	5.75	7.42	9.54	9.22	7.11	8.05	10.90	14.52	5.91	8.00	5.12	97.51	94.77
Whithorn	3.73	6.96	10.00	11.80	15.21	6.72	14.54	12.62	17.87	16.22	4.58	8.11	127.36	95.13
Water Works Pen	2.23	7.74	5.41	10.55	11.60	5.02	8.97	11.52	14.44	11.06	4.68	6.84	101.15	90.16
Askenish	1.45	8.40	5.90	16.80	24.56	13.42	12.50	7.08	7.46	15.57	6.77	8.02	128.11	103.29
Grange Hill	1.18	11.12	7.62	16.22	7.22	7.07	13.54	11.25	11.37	9.60	3.33	3.22	102.74	99.50
King's Vale	2.01	2.66	2.81	1.43	6.46	6.68	11.48	6.55	9.78	8.03	7.94	5.97	71.80	87.33

## SOUTHERN DIVISION, 1934.

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Morant Point L. H.	4.12	12.68	1.98	4.45	2.68	0.99	1.01	6.73	4.26	5.79	16.61	6.95	68.25	66.67
Golden Grove	7.44			5.82	3.35	2.24	2.28	9.08	6.76	9.48		11.15		
Pleasant Hill	7.32	8.35	1.58	4.74	4.25	2.76	1.99	9.67	7.41	10.60	20.03	8.48	87.18	68.95
East Prospect	3.75	3.35	1.89	3.57	3.20	2.16	2.04	7.10	7.07	8.76	17.69	5.31	65.89	78.11
Morant Bay	2.79	3.03	1.09	4.71	4.17	2.58	3.07	8.70	6.88	8.88	14.52	5.17	65.59	67.25
Aeolus Valley										7.63	12.94			
Yallahs	1.34	2.50	0.75	0.66	3.22	3.20	2.78	7.16	4.36	7.71	6.77	3.32	43.77	
Easington	1.78	3.31	0.28	1.47	2.49	4.16	3.75	11.44	5.95	6.92	7.63	4.54	53.72	59.11
Mavis Bank	5.64	8.51	1.83	5.03	2.98	3.16	2.50	8.32	4.27	15.35	13.67	3.68	74.94	
Bull Bay	0.09	0.85	0.72	0.61	0.34	1.40	1.05	6.71	1.79	5.12	6.88	2.20	27.76	30.08
Dallas Castle	1.77	7.68	3.46	2.46	1.73	4.52	3.51	13.86	11.42	12.31	11.18			
Gordon Town	2.82	7.72	1.27	1.85	9.16	3.28	0.86	8.74	13.16	10.43	15.66	3.64	78.59	60.90
Irish Town	3.28	8.84	1.82	2.81	9.07	3.42	1.70	8.40	13.70	8.13	19.03	3.61	83.81	59.06
Hope Gardens	1.78	3.72	2.74	2.03	3.10	2.82	1.61	7.34	9.06	9.80	11.60	2.54	58.14	52.21
Waireka														
Iver	3.70	3.41	1.77	3.85	6.11	5.06	1.56	5.84	9.61	7.81	12.26	2.31	63.29	
Plumb Point L. H.	0.60	2.06	1.20	3.30	1.18	0.34	0.60	4.78	2.46	4.67	4.16	1.55	26.90	32.22
Barbican	3.32	2.87	1.64	2.98	4.48	3.38	1.33	8.36	6.46	6.63	9.27	2.42	53.14	
King's House Gardens	3.15	4.26	2.05	3.05	2.38	3.64	1.16	5.70	4.54	5.15	7.53	2.00	44.61	47.00
Upper Kingston	0.83	0.75	1.58	0.95	1.25	0.94	0.81	5.06	3.50	5.37	4.04	1.63	26.71	26.18
Kingston, P.W.D.	0.68	1.40	1.44	0.37	1.93	0.61	0.85	4.98	2.81	3.72	4.06	1.40	24.25	31.56
Halfway Tree	3.38	6.68	2.35	2.57	2.29	0.73	2.71	5.29	4.45	5.33	6.49	2.23	44.50	36.60
Clifton Pen	0.48	6.66	1.54	1.86	1.79	0.51	0.47	6.82	4.10	5.34	5.01	1.92	36.50	33.48
Red Hills	4.77	9.82	1.13	3.20	4.10	1.26	2.62	7.49	7.39	11.18	10.77	2.71	66.44	
Quarantine Station	0.18	3.02	0.40	1.13	1.51	0.31	0.31	7.43	1.50	5.30	2.11	1.80	25.00	23.77
Hematine	0.85	6.31	4.11	0.39	2.03	0.19	0.13	8.28	2.33	5.22	5.77	2.23	37.84	36.42
Spanish Town	0.86	6.54	3.78	0.64	2.24	0.19	0.24	9.69	2.38	5.27	6.67	2.80	41.30	41.53
The Stewartry	3.25	8.75	2.28	0.82	2.72	1.33	0.97	10.04	2.63	8.74	4.90	0.80	47.23	
Hog Hole, St. Catherine	2.44	10.70	1.59	1.63	3.71	0.55	0.80	11.43	2.35	8.80		6.21		47.19
Old Harbour	3.93	4.05	5.17	2.80	3.45	3.33	0.60	7.85	3.45	9.66	3.26	1.11	48.66	49.37
May Pen	2.18	6.23	4.51	1.46	2.67	2.36	3.38	4.42	3.11	9.10	2.10	1.13	42.65	51.77
Glen Muir	1.20	4.65	3.70	2.00		2.40	2.80	4.30	4.75	10.55	2.40	1.50		
Cottage	0.53	3.58	0.96	1.98	3.99	2.05	1.13	5.78	1.22	4.57	1.69	1.46	28.94	
Belle Plain	2.32	6.71	4.16	2.29	2.33	1.05	3.01	6.20	9.93	15.77	2.18	3.56	59.51	
Milk River	1.53	3.61	2.34	0.57	5.23	1.84	3.28	5.25	2.90	5.31	4.14	1.48	37.48	45.49
Retrieve	2.05	3.03	3.37		5.29	2.06	3.34	2.77	2.22	6.57	3.02	2.01		44.09
Hog Hole, S. Man.	4.34	5.75	4.53	1.30	8.60	3.46	5.01	5.99	6.17	12.03	5.45	2.44	65.37	59.93
Stone's Hope	4.21	6.65	3.33	2.47	13.49	3.11	5.08	5.61	4.35	5.44	6.53	2.19	62.46	66.17
Newport, Man.	3.72	7.93	3.94	2.23	9.08	3.90	3.71	6.51	4.46	7.32	4.66	1.93	59.39	68.22
Great Valley, Man.	2.80	7.07												55.32
Alligator Pond	0.71	5.51	2.51	1.16	4.63	1.91	0.33	1.49	1.72	3.85	2.69	2.00	28.56	40.73
Fairfield	4.07	13.38	8.67	6.19	5.28	5.53	1.92	6.11	4.35	10.18	5.22	2.09	72.99	62.66

SOUTHERN DIVISION, 1934, *contd.*

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Myersville	3.84	7.84	4.05	5.13	5.53	2.07	1.90	4.91	4.56	5.08	9.79	1.51	56.21	
Southfield, St. Eliz.	2.40	6.88	5.16	1.29	5.85	1.44	0.71	4.26	1.95	6.45	5.99	2.37	44.75	49.44
Windsor, St. Elizabeth	5.73	9.62	3.95	7.11	5.05	3.46	4.91	5.23	5.37	6.75	8.91	2.69	68.78	
Torrington	7.09	5.72	3.67	2.72	5.51	3.03	1.12	4.94	4.56	4.10	9.89	3.50	55.85	55.41
Santa Cruz	7.07	11.67	4.50	14.08	12.10	3.50	6.62	7.68	12.78	12.87	6.32	2.07	101.26	79.35
Pedro Plains	4.03	2.28	6.93	1.58	1.74	2.11	0.07	2.13	1.15	1.30	6.38	4.08	33.78	32.07
Mountainside		3.94	6.54	6.88	2.96		0.36	3.42	6.82	5.00	7.28	0.00		45.09
Fort Charles	3.01	2.42	3.09	2.69	1.68	1.65	0.60	2.20	2.65	1.15	3.21	1.76	26.14	
Black River	3.92	3.25	3.60	4.55	5.83	1.30	3.64	3.02	4.28	7.05	3.07	1.95	45.44	50.95
Font Hill	4.35	3.30	5.15	8.10	4.60	1.45	8.90	5.25	7.75	6.30	7.75	2.20	65.40	57.64
Mount Edgecombe	4.85	3.05	6.50	10.31	4.38	2.99	6.26	6.81	4.65	9.44	7.70	2.29	69.23	69.11
Sweet River	1.82	6.27	5.19	5.00	8.25	5.16	12.49	8.95	10.00	4.68	3.87	4.43	76.11	71.59
Sav.-la-Mar	1.79	6.76	8.35	6.81	9.63	1.57	6.03	6.64	6.95	3.78	4.30	4.90	67.51	62.09
Little London	2.69	4.96	4.16	8.19	6.36	1.86	9.54	10.27	8.75	6.35	2.78	4.04	69.95	70.18
Retreat	2.59	5.63	3.99	7.04	6.32	3.14	7.65	8.35	3.60	6.30	3.86	2.38	60.85	69.97
Negril Point L. H.	1.72	2.44	4.22	6.34	2.89	1.65	6.09	4.39	1.78	4.43	2.13	3.38	41.46	54.09

## COMPARATIVE TABLE OF RAINFALL FOR 1934.

Division.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1931.	Average 60 years
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
North-Eastern Division	8.89	15.07	3.74	7.60	6.54	3.42	5.11	9.03	8.58	9.07	20.86	8.96	106.87	99.54
Northern Division	3.86	6.50	3.85	4.53	6.03	3.05	3.14	5.33	5.85	7.04	7.09	5.50	61.77	56.68
West-Central Division	3.36	8.90	6.05	10.87	11.77	5.63	8.21	9.41	11.30	12.12	6.07	3.68	97.37	87.84
Southern Division	2.91	5.63	3.44	3.58	4.71	2.19	2.96	6.01	5.06	6.73	7.12	2.95	53.29	51.42
Means for 1934	4.76	9.03	4.27	6.64	7.26	3.57	4.85	7.44	7.70	8.74	10.29	5.27	79.82	..
Average for 60 years 1870-1929	4.00	3.13	3.35	4.77	8.77	6.53	4.75	6.93	7.94	10.21	8.29	5.20	..	73.87

## COMPARATIVE TABLE OF RAINY DAYS, 1934.

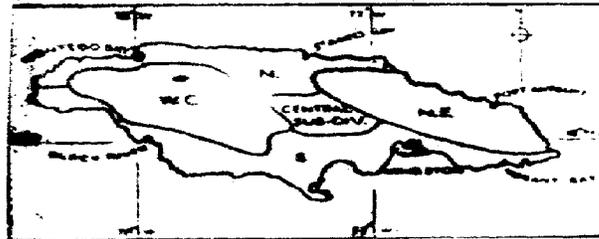
The Island.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Means for 1934	11	14	10	12	11	8	10	11	14	15	13	10	139
Averages for 35 years 1895-1929	8	7	8	9	12	10	9	11	13	14	12	9	122

## MEAN RAINFALL FOR EACH PARISH, 1934.

Parish.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.	Average 10 years.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Kingston	0.70	1.40	1.41	1.54	1.45	0.63	0.75	4.94	2.92	4.59	4.09	1.53	25.95	30.46
St. Andrew	4.45	7.85	2.11	4.87	7.85	2.77	4.23	8.39	10.72	10.37	16.19	3.59	83.39	68.47
St. Thomas	5.39	7.65	1.93	4.19	4.98	4.87	4.04	11.21	7.54	10.60	17.67	7.61	87.68	79.95
Portland	13.43	20.29	3.70	9.38	3.74	1.58	5.44	12.26	9.02	9.03	28.42	13.90	130.19	136.83
St. Mary	9.56	15.94	4.78	6.75	7.55	2.93	3.61	5.32	6.57	5.72	16.86	9.25	94.84	83.72
St. Ann	5.53	9.20	3.62	6.26	4.49	2.92	3.34	4.15	5.82	5.77	11.43	6.98	69.51	65.76
Trelawny	3.31	5.54	5.10	7.49	5.76	2.41	5.01	4.93	7.14	10.23	6.05	5.01	68.18	61.52
St. James	2.10	4.92	4.41	5.47	9.81	4.15	4.34	6.67	7.43	8.62	6.49	5.56	69.97	64.22
Hanover	1.85	4.75	5.97	9.37	13.14	7.12	10.79	6.93	11.22	11.17	8.86	6.01	97.18	81.25
Westmoreland	3.30	7.61	6.69	10.09	10.01	4.54	9.88	9.85	11.01	9.81	4.66	4.38	91.73	83.75
St. Elizabeth	4.72	7.54	5.50	8.79	8.25	3.60	4.09	5.11	7.06	8.44	7.71	2.51	73.32	65.74
Manchester	3.73	8.13	4.34	4.53	8.75	4.06	4.13	8.05	5.13	8.39	4.80	2.09	66.63	70.82
Clarendon	2.19	7.75	2.57	5.27	5.97	3.82	4.47	7.58	6.74	9.93	5.30	2.82	64.41	59.93
St. Catherine	4.58	8.25	2.18	4.58	5.29	3.92	4.49	9.61	7.08	8.81	11.16	2.97	72.92	64.75

TABLE OF GREATEST AND LEAST MONTHLY FALLS IN 1934.

Month.	Greatest Fall.		Least Fall.	
	Amount. Ins.	Place.	Amount. Ins.	Place.
January ..	27.97	Orange Vale	0.09	Bull Bay
February ..	33.63	Moore Town	0.75	Upper Kingston.
March ..	13.47	Millbank	0.28	Easington
April ..	23.32	Wallingford	0.37	Kingston P.W.O.
May ..	24.56	Askenish	0.00	Lennox
June ..	13.42	Askenish	0.00	Fellowship, Lennox and Richmond Estate
July ..	21.54	Millbank	0.07	Pedro Plains
August ..	31.62	Millbank	1.24	Seville
September ..	22.99	Mount Airy	0.59	Cinnamon Hill
October ..	21.63	Warsop	1.15	Fort Charles
November ..	64.53	Balcarres	1.69	Cottage
December ..	24.75	Millbank	0.00	Mountainside
Year ..	241.96	Millbank	24.25	Kingston P.W.O.



RAINFALL DIVISIONS.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-divisions; 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 Division.

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.

## YEAR 1934.

## METEOROLOGICAL—JAMAICA.

## CLIMATIC CONDITIONS.

*Precipitation.*

The year 1934 recorded a fairly even distribution of rainfall. In nearly every month the departures from the normal were not so pronounced as to be detrimental to large areas of cultivation. The only exceptional months were, February which gauged nearly three times the normal, with double the mean number of rainy days as compared to the average, and June with nearly one-half of the normal rainfall, but the mean number of rainy days was only twenty per cent. below the average.

The following condensed data relating to each month's rainfall for each Division or Parish, are given for the most important items.

*January.*—Compared with the 60-year normal, this month gauged a mean a little in excess, also in respect to the number of rainy days. In each Division the rainfall was a little in excess of the normal. The greatest precipitation is noted to have occurred at the beginning of the month, as well as in the middle, and at the end. The greatest total fall for the month was 27.97 inches at Orange Vale in the North-eastern Division and the heaviest fall in 24 hours was 8.60 inches at the same station on the 18th.

The mean number of rainy days was 11, the average being 8. The greatest number was 28 at Shrewsbury in the N.E. Division. The parish of Kingston had the mean rainfall of only 0.70 inch, and Portland had the greatest mean of 13.43 inches.

*February.*—Although a notably dry month the February mean rainfall for the Island for 1934 has surpassed all previous records, for 63 years, by giving a mean total of 9.03 inches, which is about three times that of the 60-year normal of 3.13 inches. In the previous year 1933 (which was a year of phenomenal precipitation) February mean is shown as only 0.48 inch.

The greatest total fall for the month was 33.63 inches at Moore Town in the N.E. Division, and the heaviest fall in 24 hours was 7.75 inches at Orange Vale in the N.E. Division on the 14th. The mean number of rainy days was 14, as against the average of 7. The highest number being 26, at Moore Town in the N.E. Division. The parish of Kingston had a mean rainfall of only 1.40 inch, whereas Portland gauged 20.29 inches, which represents more than 2½ times that of the 10-year average of this parish rainfall.

*March.*—The mean rainfall 4.20 inches was in excess by about 25% of the 60-year normal of 3.35 inches, which was exceeded in all the divisions except the North-eastern. The greatest precipitation appears to have occurred from the 12th to the 14th. The mean number of rainy days was 10, or 2 more than the average. The greatest number being 22 at Hope Bay in the N.E. Division. The greatest total fall for the month was 13.47 inches at Millbank in the N.E. Division, and the heaviest fall in 24 hours was 6.00 inches at Huddersfield in the Northern Division on the 9th. The parish of Kingston had the least mean, with 1.41 inch, the 10-year normal however, being 0.64 inch, and the parish of Westmoreland had the greatest with 6.59 inches, the 10-year normal being 3.34 inches.

*April.*—An excess is also recorded in April, showing a mean of 6.65 inches as against the 60-year normal of 4.77 inches. There was a proportionate excess shown in all the divisions. The greatest precipitation appears to have occurred during the first half of the month, particularly on the 6th and the 12th; but generally, the rainfall was fairly well distributed. The mean number of rainy days was 12, as compared with the average of 9. Bethel Town District, Darliston and Grange Hill, all in the West-central Division had most rainy days of 22 each.

The greatest total fall for the month was 23.32 inches at Wallingford, in the West-central Division, and the heaviest fall in 24 hours was 6.14 inches at Paradise in the N.E. Division on the 6th. On the 10th an excessive rate of fall of 3.13 inches in one hour was experienced at Albion, in the N.E. Division, accompanied by strong gusts of wind. The parish of Kingston had the least with 1.54 inch and Westmoreland the greatest with 10.09 inches.

*May.*—For the first time in twelve months the mean rainfall for the Island was below the average, there was a deficiency in all the Divisions, particularly in the North-eastern and the Southern. The mean for the four divisions being 7.26 inches, as against the 60-year normal of 8.77 inches. Most of the rain appears to have fallen during the first half of the month, particularly on the 1st, 5th, 11th, and the 14th. The mean number of rainy days was 11; the average being 12. Cascade, in the Northern Division had the greatest number of rainy days—15.

The greatest total fall for the month was 24.56 inches, at Askenish in the West-central Division, and the heaviest fall in 24 hours was 4.76 inches at Wallingford in the same Division. No rain was recorded at Lennox, in the N.E. Division. The parish of Kingston had the least with 1.45 inch, as compared with the 10-year normal of 1.90 inch, and the parish of Hanover had the most with 13.14 inches as against the 10-year normal of 11.00 inches. The May "Season" was therefore not excessive.

*June.*—The mean rainfall for the Island was much below the average in all the Divisions, being only about one half of the normal. The mean being 3.57 inches, and the 60-year normal 6.53 inches. The greatest total fall for the month was 13.42 inches at Askenish in the West-central Division, and the heaviest fall in 24 hours was 5.72 inches at Suttons in the Central Sub-Division, on the 19th. No rain fell at Fellowship, Lennox and Richmond Estate.

The mean number of rainy days was 8, as compared with the average of 10. Barretts Gap in the N.E. Division, Cascade in the Northern and East Prospect in the Southern Division, had most rainy days—19 each.

The parish of Kingston had the least rainfall, with only 0.63 inch, as compared with the 10-year average of 2.42 inches. And Hanover, again, had relatively the most, with 7.12 inches, as compared with the 10-year average of 10.83 inches.

*July.*—The mean rainfall for the Island was slightly in excess of the average. The West-central Division had a small excess, while the other three Divisions had a little less than their averages. The Island mean was 4.86 inches, as compared with the 60-year normal of 4.75 inches. The greatest total fall for the month was 21.54 inches at Millbank in the N.E. Division, and the heaviest fall in 24 hours was 4.20 inches at Moore Town in the same division on the 7th. The rainfall was well distributed, the mean number of rainy days being 10, or one more than the average. Haughton Hall, in the Northern Division, and Water Works Pen in the West-central Division, had most rainy days of 25 each.

The parish of Kingston had the least rainfall with only 0.75 inch as against the 10-year average of 3.02 inches. And the parish of Hanover for the third month recorded the highest, with 10.79 inches, the 10-year average being 7.84 inches.

*August.*—There was a small excess of the Island rainfall being 7.45 inches, as compared with the 60-year normal of 6.93 inches. The West-central Division was deficient, but the other three divisions had more than their averages. The greatest total fall for the month was 31.62 inches, at Millbank in the North-eastern Division, and a heavy fall of 9.35 inches in 24 hours was recorded on the 26th August at Point Hill; of this remarkable precipitation, it was reported by the Public Works Department that 8.72 inches actually fell in three hours in the early morning of the 27th. At the same time (on 26th) Bellas Gate, about 4 miles to the S.W. of Point Hill, gauged 9.80 inches in 24 hours, also Browns Hall in about the same locality gauged 9.00 in 24 hours. This heavy flood rain inundated the water shed around, causing the river courses to be in heavy spate; rising considerably above normal stream levels and resulting in serious damage to cultivation.

The parish of St. Ann showed the least mean of 4.15 inches the 10-year average being 4.87 inches. And the greatest mean was 12.26 inches in Portland. The 10-year average being 10.48 inches.

The mean number of rainy days was 11, which is the average for the month. Bethel Town District, in the West-central Division had most rainy days 14.

*September.*—The mean rainfall for the Island was slightly under the average, being 7.70 inches as against the 60-year normal of 7.94 inches. The North-eastern and West-central Divisions were in excess. The Northern and Southern Divisions were deficient. The greatest total fall for the month was 22.99 inches at Mount Airy in the North-eastern Division, and the heaviest fall in 24 hours was 4.87 inches at Santa Cruz in the Southern Division on the 1st.

The heaviest precipitation appears to have occurred during the first fortnight, particularly on the 1st, 6th and 12th, but the rainfall, generally, was well distributed, the mean number of rainy days being 14, or one more than the average for the month. The greatest number was 26 at Bethel Town District and at Water Works Pen, both situated in the West-central Division.

The parish of Kingston had the least mean of 2.92 inches, and the 10-year normal shews 3.88 inches. Then the greatest mean was 10.72 inches in the parish of St. Andrew, where the 10-year normal shews 8.42 inches.

*October.*—The "Season" rain was somewhat below the 60-year normal in all the Divisions, shewing 8.74 inches, as against the normal of 10.21 inches. The greatest fall for the month was 21.63 inches at Warsop in the West-central Division, and the heaviest fall in 24 hours was 5.85 inches at Suttons in the Central Sub-division on the 1st. The heaviest precipitation appears to have occurred during the first week, and particularly on the 1st and 2nd but the rainfall, generally, was well distributed, as the mean number of rainy days, was 15, or one more than the average for the month. Bethel Town District, in the West-central Division had the most rainy days—28.

The parish of Kingston had the least mean with 4.59 inches as against the 10-year average of 6.83 inches. And the parish of Hanover had the greatest with 11.17 inches as against the 10-year average of 11.70 inches.

*November.*—The mean rainfall for the Island exceeded the normal in all the Divisions, excepting the West-central which shews a small deficiency. The mean for the four divisions shews 10.29 inches, as against the 60-year normal of 8.29 inches. Flood rains fell in the N.E. Division, from the 12th to the 17th, particularly on the latter date, which caused considerable damage to roads and bridges in the eastern parishes. During this period a "norther" was experienced in several parishes, causing material damage to banana cultivation in Manchester, Clarendon, St. Catherine and elsewhere. The greatest total fall for the month was 64.53 inches at Balcarres in the North-eastern Division, and the heaviest falls in 24 hours were 17.64 inches at Mount Holstein, 16.80 inches at Castleton Gardens and 16.12 inches at Balcarres, on the 17th. All in the N.E. Division.

The mean number of rainy days was 13, the average being 12. Manchioneal and Hope Bay, both in the N.E. Division had most rainy days 24 each.

The parish of Portland gauged the greatest mean of 28.42 inches as against the 10-year normal of 26.04 inches, and the parish of Kingston had the least rainfall with 4.09 inches, as compared with the 10-year average of 3.10 inches.

*December*.—The mean monthly rainfall was slightly above the average, being 5.27 inches as against the 60-year normal of 5.20 inches. The N.E. Division was below the normal by about  $1\frac{1}{2}$  inch, but all the other divisions were above. The greatest fall for the month was 24.75 inches at Millbank, in the N.E. Division, and the heaviest fall in 24 hours was 5.39 inches at Hopewell in the Northern Division on the 9th. No rain fell at Mountainside in the Southern Division. The heaviest precipitation appears to have occurred during the first fortnight, with marked preponderance on the 7th. The mean number of rainy days was 10, the average being 9. The N.E. Division had the greatest mean of 16.

The parish of Portland recorded the greatest mean of 13.90 inches as against the 10-year average of 14.43 and the parish of Kingston shewed relatively the least with 1.53 inch, as compared with the 10-year average of 0.82 inch.

#### THE ISLAND RAINFALL FOR THE YEAR 1934.

The total mean rainfall for the year 1934, derived from the 12 monthly means embracing the four divisions supplied by about 240 reporting stations from all sections of the Island, was 79.82 inches; as against the 60-year Island normal of 73.87 inches, the first half of the year gauged a mean total of 35.53 inches, as compared with a possible normal of 30.55 inches shewing nearly 5 inches in excess of the normal. And the second half, from July to December had a mean total of 44.29 inches as against a possible normal of 43.32 inches, or about one inch in excess of the normal. The year's rainfall was 5.95 inches in excess of the 60-year average. The North-eastern Division shewed about  $7\frac{1}{2}\%$ , the Northern Division about 9%, the West-central Division about 11%, and the Southern Division about 4%, all above, and the whole about 8% above the normal.

The mean number of rainy days for the year was 139, as against the 35-year average of 122, or 17 days of rain in excess of the normal. Taking the years total rainfall as 79.82 inches an average rainfall of 0.57 inch per rainy day is derived. October had a mean of 15 rainy days which is the greatest, and June the least with only 8. The parish of Portland gauged the greatest total annual rainfall of 130.19 inches followed by Hanover with 97.18 inches. The parish of Kingston had the least annual rainfall with only 25.95 inches.

A reproduction of the Annual Table, which appeared in the Weather Report No. 699 for December, 1934, page 7, is subjoined.

Table—The Island Rainfall, 1934 (In Inches).

Month.	Divisions.				The Island.		Rainy Days.	
	N.E.	N.	W.C.	S.	1934.	Average for 60 years.	Means for 1934.	Average for 33 years.
January	8.89	3.86	3.36	2.91	4.76	4.00	11	8
February	15.07	6.50	8.90	5.63	9.03	3.13	14	7
March	3.74	3.85	6.05	3.44	4.27	3.35	10	8
April	7.60	4.53	10.87	3.58	6.64	4.77	12	9
May	6.54	6.03	11.77	4.71	7.26	8.77	11	12
June	3.42	3.05	5.63	2.19	3.57	6.53	8	10
July	5.11	3.14	8.21	2.96	4.85	4.75	10	9
August	9.03	5.33	9.41	6.01	7.44	6.93	11	11
September	8.58	5.85	11.30	5.06	7.70	7.94	14	13
October	9.07	7.04	12.12	6.73	8.74	10.21	15	14
November	20.86	7.09	6.07	7.12	10.29	8.29	13	12
December	8.96	5.50	3.68	2.95	5.27	5.20	10	9
Total	106.87	61.77	97.37	53.29	79.82	..	139	..
Total, 60-year average	99.54	56.68	87.84	51.42	..	73.87	..	122

#### WEATHER DISTURBANCES.

On the 21st August the United States Weather Bureau located an apparently small weather disturbance to the S.E. of Porto Rico, with an estimated movement to the westward. It did seem to organize after that and dissipated.

On the 18th September the United States Weather Bureau reported a small tropical disturbance estimated at about 75 miles to the north of St. Martins, Leeward Island apparently moving north-westward. But this disturbance did not indicate further development and also dissipated.

On the 19th October an advisory notice was issued to the effect that there was some evidence of the development of a tropical disturbance a short distance to the westward of Jamaica. On the 20th it was re-located to the S.W. of Negril Point, but no strong winds were reported. At Negril Point the wind did not exceed 15 m.p.h. except from the west at 3 p.m. on the 20th. It was no longer identified on the 21st and possibly failed to organize.

It may be concluded that the Caribbean region was notably free of hurricane during the 1934 period. It should, however, be mentioned that there was a weather disturbance of some intensity reported on

5th June in the region of southern British Honduras moving toward the Guatemalan and San Salvadorean coast (near Central America). The United States Monthly Weather Review for June, 1934, page 202 (article by G. E. Dunn) gives a detailed account of the track of this storm, on the 5th June the centre appears to have crossed the coastline of British Honduras near to Belize, when the wind blew north-west at 34 m.p.h. On the 6th it was in the vicinity of the Guatemalan border with a reported barometer reading of 29.60 ins. The station at San Salvador reported torrential rains on the 7th accompanied by wind of 50 m.p.h. of gale force. Later on it was estimated as having crossed the Yucatan Peninsula moving into the Gulf of Mexico. Press reports indicated that between 1,000 and 3,000 persons were killed or injured, perhaps due to floods in the majority of cases.

This disturbance can hardly be entitled to be classed even as a western Caribbean storm, being exterior to the limit.

#### HAILSTORM.

On the afternoon of the 12th April there was a heavy hailstorm, and 2.28 ins. rain fell in 15 minutes, at Richmond (St. Mary) in the N.E. Divisions. On the 16th July there was a hailstorm at Colonels Ridge in Clarendon also at the same place on 10th August.

#### NORTHERS.

A "brisk" norther was felt at the time of flood rains in the N.E. Division, between 12th and 17th November. Also at Kingston, a brisk norther at 23 m.p.h. at noon on 12th December, showing about half mile in thickness derived from pilot balloon ascent, also slight to moderate norther on 10 other days at intervals. "Northers" were also observed at Morant Point between 12th and 15th December of moderate force, also at Negril Point on the 15th and 26th November and from 10th to 15th December.

#### EARTHQUAKES

April 16th, 10.30 a.m. slight shock at Clifton Hill in Manchester.

July 9th, 8.05 p.m. a slight shock felt at Unity Valley, Rosemount and Mocho (St. James).

July 9th, 8.10 p.m. a slight shock felt at Windsor, Lucea and Riverside—at about the same time sharp shocks were experienced at Puerta Castilla, Spanish Honduras. Also at Cayman Brac where several shocks occurred on 9th at about 8 p.m.

September 9th, a slight shock was felt at Kingston at 8.40 a.m. and on the 29th at 7.25 a.m., slight shocks were felt at Rosemount, Haughton Hall, Colonels Ridge, Mount Edgecombe, Sav.-la-Mar, Retreat and Negril Point Light House, western part of the island.

October 25th, 2.30 a.m. a slight shock was felt at Kingston and at Barbican, St. Andrew.

November 25th, 2.30 a.m. felt at Kingston and Unity Valley as a slight shock.

December 17th, 1.25 p.m. a slight shock felt at Windsor, St. Elizabeth.

No reports of shocks were received in the months of January, February, March, May, June and August (6 months).

### YEAR 1934.

#### METEOROLOGICAL RESULTS.

##### CITY OF KINGSTON.

The mean barometric pressure for the 12 months was for 7 a.m. 29.949 ins., and for the 3 p.m. 29.904 ins. By applying the correction for diurnal variation to each a mean of 29.937 is derived which is .005 above the 33-year normal. All the months had pressure above the normal, with the exception of April and November. The month of February, 1934 shewed the highest mean barometric pressure of 30.001 ins., and November the lowest mean of 29.871 ins.

The mean annual temperature, based upon four observations per day, was 78.1 degs. which is 0.6 deg. above that of the 33-year normal of 78.7 degs. The highest maximum temperature was 93.0 degs. on 19th August, and the lowest minimum was 64.8 degs. on 11th January and 20th March. The monthly greatest extreme range was 25.3 degs. in December, and the least range was 18.8 degs. in May. The mean monthly extreme range was 22.1 degs. or 0.9 deg. less than the previous year.

The Anemometer records (for the year 1934) shew a mean total miles of wind per day of 182, as compared with the 25-year normal of 183 miles. The months of April, May, June, November and December were above the normal, and the months of January, February, March, July, August, September and October were below the normal. The greatest mean of 266 occurred in June and the least 139 in October.

The mean relative humidity for the 7 a.m. observation was 83% which shews one per cent. above the normal of 82% and the 3 p.m. 68% the normal being 69%. The general mean for the year gives 79% which corresponds with the 33-year normal.

The total rainfall for the year as registered at the Public Works Building, Port Royal Street, Kingston, was 26.62 inches, the 60-year normal being 31.57 inches. August had the greatest with 4.98 inches and January the least 0.68 inch.

The total number of rainy days was 82, as against the 49-year average of 79. The greatest number of rainy days in one month was 11 in October and the least 2 in December. The upper boundary of Kingston gauged for the year 28.91 inches with 103 rainy days.

The amount of cloudiness for the year was only 2% above the normal.

#### NEGRIL POINT LIGHTHOUSE.

The extreme maximum temperature was 91.3 degs., on the 23rd September, and the extreme minimum temperature was 62.6 degs. on the 5th January. The greatest range was 25.5 degs. in November and the least range 18.9 degs. in May. The greatest monthly rainfall was 6.34 inches in April, and the least rainfall was 1.65 inch in June. The total number of rainy days was 148 for the year. The months of April, August and October had the maximum, 15 days each, and December the minimum, only 8 days. The year's rainfall shewed a total of 41.46 inches, which is about 23% below the 34 year average of 54.09 inches.

#### MORANT POINT LIGHTHOUSE.

The extreme maximum temperature was 89.2 degs. on 3rd September, and the extreme minimum was 61.9 degs. on 20th March. The greatest monthly rainfall was 16.61 inches in November, and the least 0.99 inch in June. The year's rainfall total was 68.2 inches or about 2% above the 60-year normal of 66.67 inches. During February and November, the rainfall was much in excess of the monthly average, but in May, June, July, September and October, there was deficiency. The other months of the year shewed small departures from the normal. There were 188 rainy days, giving an average of 0.15 inch per rainy day.