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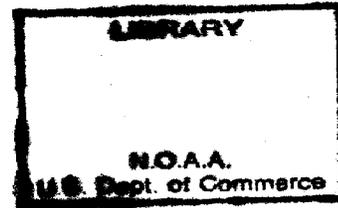
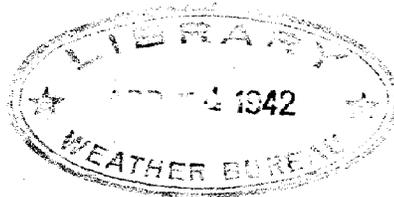


*Jamaica. Meteorological Service*

# JAMAICA RAINFALL

FOR THE YEAR

1940.



QC  
925.2  
J25  
J34  
1940

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1941.

# **National Oceanic and Atmospheric Administration**

## **Climate Database Modernization Program**

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NORTH-EASTERN DIVISION, 1940.

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	8.12	8.35	0.90	1.50	5.80	2.27	5.70	6.64	10.94	16.65	10.79	9.68	87.34	100.58
Priestman's River	8.60	5.70	0.00	1.25	6.35	3.40	3.80	3.45	12.70	17.60	10.95	12.75	86.55	89.46
Bath	7.01	7.24	0.83	4.46	9.45	2.83	5.49	6.03	13.61	23.72	11.59	17.91	115.17	113.30
Barrett's Gap	8.32	6.15	1.96	9.52	18.42	4.19	7.15	7.62	10.76	30.23	18.42	22.76	145.50	...
Millbank	12.86	11.21	2.90	24.54	38.24	12.19	16.94	5.29	11.50	45.14	45.16	28.55	254.52	...
Comfort Castle	13.50	13.47	3.38	23.49	37.28	9.06	29.63	6.37	13.97	45.03	63.74	...	...	...
Moore Town	9.79	17.27	2.37	15.74	28.20	7.48	16.85	9.32	15.28	30.97	43.20	18.43	214.90	208.31
Port Antonio	11.47	9.26	0.45	7.97	13.61	4.07	4.90	4.10	8.40	17.81	9.36	16.13	107.53	129.75
Passley Garden	12.38	12.93	0.66	8.27	12.20	3.68	5.27	4.70	7.35	19.10	16.27	12.28	115.09	...
Fellowship	24.63	17.65	0.91	15.68	23.88	7.42	11.92	4.98	8.65	25.65	23.15	23.31	187.83	172.99
Johnson River Br.	3.26	3.94	0.52	1.50	7.10	2.45	7.27	2.42	11.75	18.86	3.92	12.66	75.65	88.36
Trinity Ville	0.00	6.74	0.00	1.77	7.86	2.64	5.37	1.25	12.78	16.14	3.56	15.43	73.69	...
Fruitful Vale	16.98	12.69	1.38	14.85	36.31	3.40	12.88	1.89	5.46	28.88	45.27	21.83	201.82	...
Hope Bay	10.07	12.42	0.75	13.72	12.53	3.31	8.33	1.32	1.24	19.54	56.13	9.70	129.06	...
Cedar Valley	2.74	5.22	0.10	1.45	4.75	1.61	2.75	1.06	7.94	17.67	7.27	13.89	66.45	89.45
Paradise	7.42	6.64	0.24	5.64	13.13	1.01	6.04	0.16	1.92	7.30	...	...	...	...
Lennox	17.57	13.73	3.10	10.20	15.94	3.50	7.10	2.80	2.40	13.30	37.10	12.00	139.64	...
Greenvale	17.45	11.50	1.27	9.53	60.52	8.61	4.16	0.31	10.35	17.12	79.20	35.33	255.35	150.84
Darley	18.09	14.61	0.79	16.75	17.74	2.81	5.77	2.30	6.40	19.14	17.99	...	...	...
Spring Garden	12.36	...	...	11.27	11.01	1.55	...	1.41	1.87	...	...	...	...	77.59
Hill Gardens	4.93	3.40	0.21	5.43	11.75	5.31	1.73	1.55	3.96	5.58	...	5.18	...	100.11
Buff Bay	14.10	11.85	0.80	10.67	10.91	0.67	5.24	1.48	2.93	10.80	27.61	10.86	107.92	97.13
Buff Bay R. Est.	19.47	15.36	2.77	10.72	29.08	3.53	5.15	0.42	2.20	10.90	42.47	24.62	166.69	...
Belvedere, Portland	20.47	16.76	3.26	11.51	23.41	2.82	2.76	0.50	4.07	9.29	28.95	14.82	138.62	85.94
Windsor Castle, Portland	15.70	15.97	1.55	7.03	10.38	2.06	5.81	1.45	1.91	9.77	28.61	9.42	109.66	88.19
Balcarras	15.88	10.15	1.55	16.88	73.20	10.35	4.53	3.37	11.43	26.28	78.94	36.60	289.16	...
Mt. Holstein	...	...	...	30.81	5.18	1.73	4.07	8.38	13.10	49.94	12.98	...	...	188.76
Cedar Hurst	6.53	4.75	0.71	5.47	19.76	6.46	3.42	1.98	6.47	13.82	30.43	7.22	107.02	...
Hardware Gap	4.45	4.94	0.12	8.24	14.05	4.47	2.16	3.30	3.00	14.56	13.20	6.30	79.39	97.57
Rose Hill	2.81	3.90	0.16	2.49	7.75	7.60	2.71	5.94	5.99	13.57	5.82	5.08	64.42	104.60
Mount Cressy	10.12	6.28	1.01	8.67	30.23	12.23	2.42	8.48	17.08	20.54	34.63	10.17	161.86	...
Hermitage	2.40	2.38	0.46	5.42	4.91	7.69	2.71	5.20	8.61	9.23	5.46	5.84	60.31	...
Mount Airy	7.34	4.68	0.77	7.19	23.32	10.99	2.95	7.16	16.25	16.86	25.40	8.61	131.52	...
Stony Hill Ind. School	3.42	3.18	0.37	6.50	5.10	5.64	3.12	4.75	10.64	11.46	5.00	4.83	64.01	79.12
Boon Hall	2.29	2.85	0.53	5.35	6.99	8.00	2.81	5.25	9.98	10.35	5.51	4.84	64.75	...
Brandon Hill	6.23	2.47	1.01	3.45	23.07	12.42	2.00	5.87	11.48	8.84	18.43	6.01	101.93	...
Enfield	17.53	11.18	4.32	11.51	34.46	7.00	1.71	0.98	4.63	9.38	46.57	34.27	183.54	...
Agualta Vale	11.01	6.17	1.04	3.71	10.20	0.92	3.87	1.69	5.25	6.22	21.69	9.06	80.83	70.07
Castleton Gardens	10.55	5.59	2.94	7.84	39.81	19.55	2.17	11.27	17.88	19.24	41.69	11.93	190.46	117.44
Water Valley	8.80	5.26	1.05	3.69	9.83	0.75	1.76	1.20	2.29	4.24	22.19	9.30	70.36	72.57
Albany	...	7.19	...	...	...	1.42	...	...	...	5.17	16.73	...	...	67.54
Lawrence Tavern	3.24	2.49	0.50	5.25	7.78	3.37	1.65	7.44	7.20	6.35	8.31	3.55	57.13	77.25
Wey Hill	5.77	2.47	1.55	6.23	17.85	3.92	2.39	4.12	4.56	5.81	12.53	6.57	73.77	...
Richmond, St. Mary	10.41	4.14	2.29	2.01	26.76	6.21	2.29	3.27	2.45	8.94	20.71	12.68	102.16	76.60
Quebec	15.34	7.43	0.40	5.52	15.69	2.55	3.62	0.64	4.93	9.98	16.81	12.05	94.96	69.23
Above Rocks	3.72	2.63	0.92	5.87	9.88	5.04	5.17	8.34	6.51	7.60	7.13	4.51	67.32	...
Glenoffe	2.15	2.20	0.70	3.96	6.98	5.05	3.08	10.68	5.35	4.00	9.06	3.78	56.99	...
Carew Castle	3.48	3.64	1.38	5.84	7.77	3.78	4.15	8.20	5.72	6.72	6.93	4.40	62.01	86.72
Hampstead, St. Mary	13.50	8.61	1.17	3.58	18.93	3.84	1.54	1.35	4.34	11.34	25.12	8.91	102.23	87.04
Windsor Castle, St. Mary	8.21	5.71	3.48	2.25	19.71	4.11	1.48	0.75	8.26	9.34	18.07	7.69	89.06	...
Troja	5.97	3.27	0.95	3.01	15.08	8.32	0.76	5.80	8.26	6.92	12.87	8.26	73.51	...
Pear Tree Grove	6.09	2.90	2.80	1.68	22.92	5.26	1.00	2.95	4.70	12.16	11.62	10.12	84.20	...
Guy's Hill	6.33	3.82	2.97	2.02	20.45	3.42	0.78	1.64	6.48	8.02	12.42	8.59	76.94	71.62
Lucky Hill	7.17	4.81	1.05	1.80	23.91	3.23	0.97	1.43	4.66	9.26	22.49	8.40	89.18	79.52
Rio Hoe	4.86	3.11	1.38	2.31	21.01	2.38	1.52	3.71	4.68	8.56	8.87	6.91	69.30	77.53
Unity Valley	5.14	3.32	1.42	0.99	22.53	4.09	4.10	3.07	4.96	8.50	5.79	7.77	69.68	81.33
Moneague	4.65	2.78	1.40	1.22	16.73	4.19	3.39	4.41	2.34	7.94	5.72	6.72	61.49	79.83
Claremont	4.49	4.55	0.56	3.35	14.10	1.48	1.87	1.86	2.29	10.75	6.71	6.77	58.78	71.97
Averham Park	5.77	5.64	0.70	2.24	19.92	1.41	1.60	2.49	2.99	10.27	11.99	...	...	79.26
Albion	4.79	4.81	1.55	2.26	12.69	6.86	2.88	5.59	3.71	11.50	8.54	5.33	70.51	76.27

NORTHERN DIVISION, 1940.

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	13.13	8.85	0.35	5.97	7.06	1.14	3.25	0.50	3.13	7.19	12.12	9.06	71.75	68.32
Wentworth	7.35	6.51	0.00	4.80	7.88	1.14	2.84	0.40	4.28	7.21	12.80	8.60	63.81	...
Jacks River	11.32	9.88	0.13	5.68	10.68	1.00	3.27	0.35	7.22	6.68	16.90	9.21	82.32	...
Oracabessa	13.56	11.17	0.47	2.81	10.05	1.32	4.13	1.02	9.21	10.45	19.43	11.04	94.66	...
Huddersfield	10.31	9.21	0.40	4.13	13.41	2.79	2.79	1.50	3.10	10.96	16.46	7.17	82.23	...
Ocho Rios	7.26	7.71	0.07	1.40	10.52	2.33	1.24	1.67	2.38	11.44	13.32	7.34	66.68	52.92
Rockfield	8.20	7.48	0.27	2.13	21.10	4.40	1.19	1.57	2.65	11.75	15.60	9.52	85.86	73.66
Liberty Hill	2.35	3.51	0.04	0.32	4.95	1.43	0.49	0.56	0.59	3.19	4.80	5.25	17.48	61.00
St. Ann's Bay	9.23	12.51	0.10	1.49	12.02	1.84	0.25	2.08	2.45	9.32	6.98	8.82	67.04	58.29
Richmond Estate	7.28	10.09	0.27	1.41	8.02	0.93	0.51	0.38	3.61	4.48	7.02	8.80	52.80	59.93
Runaway Bay	5.55	8.92	0.00	0.26	5.56	0.96	0.00	0.20	2.24	6.39	9.15	4.36	43.59	27.10
Knapdale	5.31	4.38	0.69	1.87	16.09	2.53	2.60	1.28	4.55	5.64	13.43	11.81	70.18	...
Alexandria	2.90	2.08	2.07	1.45	8.48	2.44	2.21	2.05	2.04	6.06	2.47	2.03	86.28	50.96
Bel Air	10.35	10.00	0.30	0.70	8.15	2.55	0.85	0.95	4.25	6.90	14.75	9.00	68.75	...
Brown's Town	7.41	5.52	1.51	2.36	16.58	4.42	1.54	3.79	3.68	9.29	9.56	9.17	74.83	69.16
Wilton	8.56	6.98	0.35	1.59	11.43	3.69	1.57	2.88	6.06	9.49	14.67	10.47	77.74	...
Watt Town, St. Ann	3.38	2.91	2.17	3.92	14.04	4.13	4.79	2.86	2.70	7.85	1.49	2.17	52.41	53.13
Home Castle	11.55	6.80	0.50	0.55	15.65	2.70	0.85	8.20	4.95	11.30	23.90	6.90	93.85	57.81
Arcadia	12.25	4.72	1.28	1.76	7.61	0.90	0.59	2.34	3.77	8.41	16.45	6.84	66.92	51.01
Vale Royal	9.90	4.04	0.77	3.78	8.75	1.41	0.99	2.48	4.40	9.29	16.71	7.39	69.91	56.36
Harmony Hall	9.48	6.31	0.22	0.78	...	...	...	...	5.05	6.20	7.46	...	...	42.10

NORTHERN DIVISION, 1940, *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	9.75	6.09	0.61	2.00	6.96	0.46	0.23	1.43	3.76	7.26	8.82	7.72	55.09	..
Clark's Town	4.97	3.65	0.92	3.40	13.23	2.67	1.70	3.56	4.32	7.54	18.44	4.85	69.25	..
Falmouth	4.88	2.82	0.95	1.08	7.17	1.11	0.24	2.39	5.10	5.61	8.39	5.10	44.79	38.20
Adelphi	4.63	2.84	2.63	2.72	14.84	3.79	1.98	4.89	8.39	7.88	5.89	3.30	63.78	..
Success	2.32	4.26	..	..	..	..	..	..	..	..	..	..	..	36.48
Rose Hall	2.37	3.30	..	..	..	..	..	..	..	..	..	..	..	39.38
Cinnamon Hill	3.41	3.95	..	..	..	..	..	..	..	..	..	..	..	41.25
Tryall	4.50	5.35	..	..	..	..	..	..	..	..	..	..	..	46.27
Running Gut	..	3.91	..	..	..	..	..	..	..	..	..	..	..	39.56
Spring Estate	3.65	4.25	..	..	..	..	..	..	..	..	..	..	..	40.88
Friendship	5.59	4.27	2.93	1.31	12.92	4.64	1.07	4.74	10.02	5.23	7.24	3.96	63.92	60.91
Retirement	6.80	3.25	2.19	1.64	13.07	4.29	1.56	5.29	11.93	4.96	6.88	3.89	65.75	66.73
Rosemount	7.35	2.31	1.37	1.48	11.72	4.21	1.00	2.99	10.19	8.41	3.98	4.46	59.47	..
Montego Bay	10.00	2.61	2.67	1.13	14.38	3.25	0.71	3.80	13.34	6.17	6.61	4.20	68.89	54.47
Anchovy	11.17	1.00	1.34	3.17	13.65	9.72	2.92	4.69	12.57	6.06	9.87	4.82	80.96	55.67
Hopewell	8.17	2.14	4.60	3.57	13.23	9.37	4.01	6.55	6.84	5.88	6.76	3.88	74.70	..
Blue Hole	7.00	1.41	3.88	2.87	7.71	5.25	5.37	6.37	8.24	8.54	5.43	5.60	67.67	80.87
Cascade	20.65	4.27	4.69	13.39	31.98	21.57	13.10	14.30	33.87	10.27	8.52	8.29	185.20	..
Lucea	5.38	1.38	2.28	2.04	7.39	5.19	4.58	7.41	7.64	4.74	6.18	7.02	61.23	64.51
Haughton Court	6.28	1.89	1.94	3.15	10.78	8.51	4.28	4.89	12.24	6.57	7.41	4.25	72.19	60.69
Kendal, (Hanover)	4.10	2.20	0.41	5.10	9.37	10.69	9.20	8.75	12.89	8.17	3.40	5.18	79.46	..
Cousins Cove	8.35	2.63	1.28	7.43	5.82	12.59	4.55	6.94	12.56	3.48	7.86	5.83	79.32	..
Green River	4.03	2.23	0.83	5.61	11.92	12.84	10.25	7.09	9.67	8.86	2.46	4.34	80.13	..
Green Island	4.37	2.02	0.99	5.25	10.97	9.77	6.30	8.43	13.86	4.24	4.95	4.05	75.20	78.16
Haughton Hall	3.12	0.97	0.71	3.38	7.74	8.12	6.10	6.97	8.55	5.07	4.03	3.37	58.13	..
Knolls	3.16	2.75	0.43	4.20	6.43	5.25	4.75	5.47	4.40	3.53	5.00	4.65	50.02	..
Highgate	2.94	4.75	1.17	4.34	9.07	5.26	3.80	4.01	3.85	4.49	6.38	4.83	54.89	..
Rio Magno	4.12	2.67	1.91	1.52	12.30	8.44	1.38	3.34	3.82	6.00	13.21	9.37	68.08	..
Riversdale	3.99	3.88	2.65	4.10	10.27	6.96	5.20	8.54	2.94	3.86	5.88	5.39	63.66	..
Headworks, R. C.C.	1.60	2.23	1.15	4.12	9.17	2.77	2.10	0.99	1.46	6.22	3.58	5.48	40.87	52.42
Bog Walk	2.53	2.58	0.78	3.72	4.92	3.10	4.23	5.10	5.80	3.45	4.96	5.80	46.97	..
Linstead	2.72	2.28	0.81	5.60	5.82	2.74	7.03	4.70	6.23	2.83	5.79	4.79	31.34	70.22
Ewarton	3.41	2.93	2.12	2.64	6.07	2.54	2.33	0.66	1.02	5.72	2.89	5.41	37.74	..
Cave Valley	1.54	2.56	1.94	3.42	13.38	6.45	4.04	2.68	5.58	9.78	1.26	2.97	55.60	65.88
Guanaboa Vale	1.75	4.24	0.50	3.81	7.09	2.02	1.29	5.01	1.13	7.72	3.59	4.07	42.22	..
Point Hill	2.07	4.17	1.42	2.84	9.92	1.83	5.80	7.61	6.38	8.14	4.32	8.42	62.92	92.48
Brown's Hall	2.05	3.21	2.18	1.76	11.61	4.10	6.94	5.40	7.48	7.76	4.56	6.55	63.60	79.29
Bellas Gate	3.07	4.92	0.10	2.57	11.54	4.03	8.66	10.74	8.67	5.06	2.40	8.83	70.59	44.66
Rock River	1.71	1.96	0.39	1.84	17.02	1.55	3.38	3.55	5.15	3.35	1.54	3.35	44.79	..
Crofts Hill	3.67	2.00	0.90	3.13	12.66	0.59	3.18	2.74	6.55	4.32	7.59	6.51	53.84	57.46
Kellit's	..	..	0.88	1.30	16.47	2.05	4.46	3.37	7.37	11.62	3.81	5.63	..	..
Suttons	2.13	2.39	0.71	1.99	21.15	1.22	2.87	4.54	5.61	4.38	4.40	5.24	56.63	..
Colonels Ridge	0.00	2.30	1.12	2.01	12.88	3.66	3.82	8.23	6.74	7.09	5.88	3.96	57.69	..
Chapelton	1.86	2.08	0.40	1.00	17.02	1.13	2.10	3.97	6.98	6.27	4.66	3.97	51.44	61.16
Crooked River	1.87	2.66	1.31	3.77	13.92	6.93	4.97	8.33	8.46	6.68	2.98	4.55	66.43	..
James Hill	1.54	2.15	2.76	3.50	14.51	4.05	3.86	6.33	5.85	6.35	2.89	3.93	57.72	..
Frankfield	3.05	2.62	3.05	2.75	13.10	4.63	6.41	5.53	7.53	8.90	3.18	4.21	64.96	58.40

## WEST-CENTRAL DIVISION, 1940.

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	1.79	3.04	0.57	0.58	10.35	2.36	5.18	1.52	3.19	14.82	2.17	4.81	50.38	68.43
Thompson Town	2.64	4.71	2.02	2.61	16.73	2.37	2.56	3.82	8.59	10.21	4.15	5.73	66.14	..
Porus	1.96	3.71	2.39	1.28	12.38	2.68	4.75	1.14	3.82	7.46	2.85	4.74	49.16	..
Borobridge	2.65	1.85	3.05	3.45	11.95	3.30	4.23	4.75	5.25	7.05	3.35	3.35	54.23	..
Spaldings	3.33	3.08	3.60	2.22	18.42	1.30	5.60	6.14	7.32	15.59	9.61	5.67	81.94	62.54
Williamsfield	3.45	2.20	6.63	2.03	12.48	3.59	4.24	6.60	5.07	9.28	3.60	4.07	63.24	..
Brokenhurst	1.93	4.44	1.14	0.96	14.38	2.39	4.47	4.71	7.74	12.35	9.43	5.99	69.93	80.50
Shooters Hill	1.56	1.44	2.90	2.39	18.11	2.63	3.21	5.49	5.65	10.83	3.11	3.85	61.17	66.00
Wait-a-Bit	5.13	3.39	4.09	3.11	19.10	7.11	4.78	9.14	7.30	11.82	5.42	3.97	84.36	..
Christiana	3.12	2.51	2.65	2.25	8.55	2.55	4.33	5.51	7.89	12.33	2.98	4.26	58.93	73.05
Clifton Hill	3.42	4.02	1.35	1.32	17.34	2.63	6.47	5.92	5.35	15.37	8.33	3.97	75.49	69.76
Kendal, Manchester	3.52	1.44	2.42	1.40	11.68	1.97	4.45	5.11	6.67	9.31	2.66	3.30	53.93	76.37
Mereworth	3.88	3.71	1.79	2.77	13.51	1.55	4.48	5.09	4.29	9.77	9.44	5.53	65.81	..
Mandeville	3.53	2.75	1.60	2.12	10.70	2.68	6.42	5.45	4.67	8.07	5.62	2.92	56.53	77.00
Ulster Spring	5.47	2.45	2.11	2.02	14.24	4.79	6.97	5.23	4.88	12.65	4.10	4.06	68.97	83.34
Greenvale	1.47	2.21	2.10	7.29	9.51	4.10	6.51	10.19	2.70	13.62	5.67	3.34	68.71	..
Albert Town	7.10	2.20	3.46	2.15	16.46	4.24	5.60	8.55	4.21	13.53	7.03	3.08	78.51	80.41
Craighead	8.83	4.25	4.57	7.36	17.94	10.13	1.96	10.49	4.42	6.22	4.15	4.48	84.60	..
Warsop	7.00	3.65	5.94	5.79	23.57	8.52	7.46	12.58	4.72	12.80	5.53	3.79	101.35	..
Troy	4.50	1.73	7.45	4.27	20.90	7.27	11.05	21.40	8.45	10.62	3.00	4.05	104.69	98.31
Wallingford	1.82	1.69	2.39	5.52	16.64	3.11	6.01	11.52	1.80	6.82	6.19	3.37	66.88	85.74
Balaclava	1.37	1.68	2.48	6.59	15.85	6.05	6.71	9.96	1.86	7.04	6.57	3.94	70.10	78.53
Wakefield	3.84	1.56	2.82	1.62	18.41	5.55	2.44	9.87	9.23	9.08	12.03	2.13	78.58	..
Aberdeen	4.14	1.53	5.13	6.17	19.25	8.48	6.82	13.06	5.16	7.74	7.06	3.79	88.33	..
Maggotty	4.07	2.11	3.09	8.36	15.85	7.48	4.69	9.50	4.97	7.03	6.40	5.76	79.11	96.77
Lacovia	0.82	1.39	4.24	5.11	10.40	4.74	8.03	7.66	3.44	4.67	9.56	3.25	63.41	..
Mulgrave	2.41	1.89	5.75	7.91	18.18	13.96	11.01	12.33	12.25	11.69	3.90	4.87	106.15	..
Ginger Hill	1.94	1.07	5.55	6.30	21.12	11.89	6.16	12.86	9.77	10.58	3.44	6.22	96.90	..
Kempshot	8.71	4.41	1.31	2.51	14.54	5.10	2.42	6.96	9.77	6.47	10.22	4.04	..	..
Mocho, St. James	3.41	3.12	3.27	9.58	17.63	16.61	15.61	11.70	12.05	10.04	39.70	5.48	148.26	..

## WEST-CENTRAL DIVISION, 1940, 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.
Catadupa	2.57	2.28	4.75	5.19	14.39	17.27	12.26	11.83	9.74	16.69	3.37	1.73	102.07	105.15
Cambridge, St. James	3.43	1.51	3.50	2.91	10.14	11.53	6.07	13.08	11.52	8.10	4.03	3.96	79.78	93.87
New Market	1.95	2.17	5.23	2.52	13.10	6.77	8.61	..	5.64	11.49	6.47	..	..	98.37
Springfield	5.36	2.07	4.80	6.15	12.12	7.81	3.20	11.64	13.13	12.77	3.37	6.22	88.64	..
Kew Park	5.00	2.04	3.33	4.70	13.90	20.23	10.02	10.82	8.78	10.02	2.13	4.43	95.40	94.31
The Bog, New Market	1.51	2.68	6.42	3.57	16.20	8.78	7.69	7.64	7.52	11.73	5.91	6.40	86.05	104.93
Bethel Town Dist.	5.39	2.56	5.20	5.20	15.23	21.14	14.15	15.68	10.92	13.08	4.62	5.29	118.46	119.69
Burnt Ground	5.19	1.48	3.30	3.08	14.64	14.21	4.93	9.25	13.13	7.71	4.91	3.44	85.27	93.77
Darliston	7.34	3.57	3.95	12.78	22.53	18.80	12.25	18.62	12.52	18.81	4.37	10.48	146.02	116.61
Bluefields	0.52	1.88	3.26	5.37	10.28	9.43	3.23	9.42	8.20	8.23	3.30	6.61	69.78	94.77
Whithorn	2.75	2.05	1.94	3.79	14.93	11.32	9.99	6.88	8.57	8.08	0.90	5.73	76.93	95.13
Water Works Pen	3.84	3.02	2.23	3.45	13.25	16.96	11.96	9.74	10.28	8.12	3.72	11.70	98.27	90.16
Williamsfield (Westmld.)	3.64	3.67	3.97	12.23	13.23	18.17	10.27	12.11	16.83	8.94	9.58	9.31	121.95	..
Baulk (Westmld.)	2.91	1.66	4.39	5.15	8.56	7.85	6.99	10.83	10.81	10.86	4.86	5.47	80.34	..
Askenish	9.01	2.30	2.05	6.26	12.32	13.45	9.39	10.64	21.18	8.40	6.92	5.89	107.87	102.29
Grange Hill	2.93	1.76	4.73	2.28	7.16	11.89	7.97	11.20	7.13	8.91	4.40	6.33	76.69	99.50
Mount Eagle (Westmld.)	2.91	0.98	3.88	2.78	9.12	8.55	7.92	11.61	6.56	11.19	4.77	7.74	78.01	..
King's Vale	3.34	0.60	0.56	6.76	9.62	7.20	5.78	6.90	7.04	6.08	2.48	4.64	61.00	87.33

## SOUTHERN DIVISION, 1940.

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.	8.27	3.92	0.66	1.15	5.52	0.10	2.28	3.73	5.79	19.52	7.47	9.29	67.70	66.77
Golden Grove	9.53	6.00	1.62	0.77	7.00	1.43	2.51	6.23	9.37	23.76	9.47	13.57	91.26	..
Pleasant Hill	6.55	4.70	1.51	1.63	9.03	2.19	3.64	5.56	10.24	22.97	6.79	12.37	87.18	66.95
East Prospect	4.70	2.55	1.12	3.60	5.65	1.58	3.70	3.16	8.21	25.72	7.38	16.95	84.32	75.11
Morant Bay	2.34	2.10	0.24	2.60	1.81	2.00	2.29	2.89	8.84	14.78	3.52	11.76	55.17	67.25
Aeolus Valley	2.67	1.37	0.28	..	2.44	..	..	..	..	..	..	..	..	..
Yallahs	1.34	1.49	0.60	0.00	0.58	0.35	1.55	1.76	6.80	9.13	1.48	8.34	32.82	..
Easington	1.42	2.91	0.37	0.15	2.50	1.12	4.21	0.72	7.06	11.39	1.41	10.93	44.19	59.11
Mavis Bank	1.78	3.31	0.12	4.17	7.33	0.48	1.02	0.17	3.21	12.40	4.62	5.34	43.95	..
Bull Bay	0.60	0.76	0.00	0.00	0.90	0.00	0.61	0.00	1.54	4.31	2.36	3.36	14.44	30.08
Dallas Castle	1.95	2.02	0.12	2.09	4.91	0.45	3.05	0.45	2.65	7.49	3.91	5.84	34.96	..
Gordon Town	1.76	2.59	0.14	5.75	6.76	2.35	0.94	2.13	3.94	11.52	4.66	4.49	47.03	60.90
Irish Town	2.15	2.50	0.00	4.60	6.00	2.69	0.55	3.60	4.22	13.18	5.35	5.10	49.94	59.06
Hope Gardens	1.31	1.89	0.23	3.91	4.66	3.00	3.73	0.74	4.38	9.14	3.29	3.39	39.67	52.21
Plumb Point L.H.	1.05	1.60	0.19	0.00	0.53	0.00	0.76	0.15	1.50	4.28	1.15	4.44	15.65	32.22
King's House Garden	1.19	3.45	0.22	3.06	3.49	1.73	2.01	1.46	1.87	4.84	3.46	3.29	30.07	44.00
Up-Park Camp	0.82	2.62	0.01	0.96	1.76	0.53	2.01	1.03	3.74	3.20	3.41	3.10	23.19	..
Cavaliers	0.81	2.21	0.09	1.25	1.28	0.34	1.80	0.70	3.34	3.88	2.75	6.40	24.85	..
St. George's College	..	2.21	0.27	0.70	0.92	..	1.77	1.10	3.02	3.52	..	2.97	..	..
Upper Kingston	0.91	2.13	0.22	0.97	1.16	0.31	1.73	0.89	2.96	2.86	2.99	3.45	20.58	26.18
Parade Garden	0.83	1.75	0.32	0.72	0.86	0.13	1.66	0.57	2.52	2.77	1.65	2.70	16.48	..
Kingston, P.W.D.	0.97	1.49	0.05	0.41	0.92	0.09	2.24	0.46	2.16	2.91	1.40	4.01	17.11	31.56
Constant Spring	1.51	3.60	0.07	3.57	3.28	2.95	1.51	3.92	7.58	8.11	3.71	4.23	44.04	..
Halfway Tree	1.21	2.29	0.00	1.86	1.90	0.14	1.38	0.14	1.95	2.56	4.23	2.46	20.12	36.60
Clifton Pen	1.33	2.29	0.16	1.07	2.49	0.19	0.96	0.85	3.49	2.73	1.96	2.60	20.12	33.48
Seaward Pen	1.11	2.31	0.00	1.65	3.39	1.22	1.40	1.42	2.78	3.14	1.20	3.90	23.52	..
Red Hills	4.25	4.18	0.00	3.90	7.32	3.07	1.86	3.94	4.24	8.96	3.59	4.52	49.83	..
Quarantine Station	1.53	1.25	0.00	0.93	0.68	0.62	1.65	0.10	1.97	4.50	1.04	4.08	18.75	23.77
Hematine	1.11	1.07	0.39	0.84	4.52	1.06	0.41	0.00	2.57	4.22	1.48	4.74	22.41	36.72
Spanish Town	1.20	1.93	0.24	0.93	5.37	0.87	0.43	0.00	2.78	4.20	1.88	4.23	24.06	41.53
Hog Hole, St. Catherine	1.57	2.27	0.98	2.55	8.24	1.17	1.48	0.05	3.41	4.85	2.16	5.04	33.77	47.19
Old Harbour	2.65	2.03	0.21	2.87	8.12	0.48	1.55	0.68	1.98	5.33	5.33	5.03	36.26	49.37
May Pen	1.25	3.38	0.37	0.29	7.32	1.21	3.26	1.41	2.24	9.34	2.59	4.17	36.83	51.77
Glen Muir	0.80	3.15	0.72	0.00	7.30	..	3.90	1.50	2.10	9.70	1.60	3.00	..	..
Cottage	1.30	3.13	0.49	0.00	5.98	0.00	1.05	0.04	8.47	10.36	0.75	5.12	36.69	..
Belle Plain	2.60	7.32	1.72	0.68	12.57	1.49	3.74	1.64	4.58	9.69	4.65	5.24	55.92	..
Milk River	1.37	2.75	0.00	0.10	5.46	0.38	1.30	0.00	5.40	3.12	3.28	3.04	26.20	45.49
Retrieve	2.10	5.03	0.10	1.02	4.46	1.37	1.58	0.35	6.21	8.87	1.90	5.20	38.19	44.09
Stone's Hope	2.25	5.65	1.17	1.35	10.18	3.20	1.53	3.07	9.27	7.05	6.18	4.40	54.70	60.17
Newport, Man.	2.10	8.03	0.25	1.12	7.80	2.80	2.32	2.68	6.49	7.82	5.29	3.25	49.95	68.22
Alligator Pond	0.91	2.87	0.00	0.20	3.44	0.40	1.40	0.10	2.49	7.58	2.27	2.86	24.52	40.73

SOUTHERN DIVISION, 1940, 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	0.32	2.36	0.00	7.92	13.33	2.13	1.74	1.58	6.37	5.48	8.71	2.78	52.72	..
Goshen	1.15	1.52	2.67	6.97	8.80	2.14	1.16	7.73	1.43	8.08	10.77	3.74	56.16	..
Southfield, St. Elizabeth														..
Munro	1.86	3.79	0.38	3.39	9.79	2.89	1.60	3.57	2.85	6.56	7.75	7.24	51.67	..
Windsor, St. Elizabeth	2.06	4.45	0.07	5.84	9.34	2.57	1.06	5.13	3.78	5.02	7.62	3.05	49.99	..
Torrington	1.65	3.19	0.10	3.61	7.88	2.07	1.26	3.36	1.90	7.01	5.90	3.95	41.88	55.41
Santa Cruz	0.85	1.35	4.78	10.82	12.77	5.38	6.75	10.75	7.94	7.19	11.58	6.46	86.62	79.35
Hounslow	0.19	3.34	0.22	4.46	4.82	2.50	1.02	3.74	2.32	6.94	6.49	2.15	38.19	..
Pedro Plains	0.00	3.33	1.12	3.15	1.86	1.71	0.51	0.74	1.13	4.23	3.95	4.79	26.52	32.07
Mountainside	0.60	1.15	0.00	5.59	8.11	2.46	1.57	4.29	3.12	3.74	7.20	3.32	41.15	45.09
Fort Charles	0.00	1.95	0.64	1.36	3.24	2.00	0.00	1.68	0.58	3.12	3.66	1.14	19.37	..
Black River	0.09	1.26	0.77	1.99	10.03	2.73	2.82	7.62	1.35	1.60	5.42	3.93	39.71	50.95
Mount Charles	0.87	1.87	4.86	5.54	13.71	7.51	4.81	7.43	4.88	6.03	10.35	4.00	71.86	..
Mount Edgewcombe	1.63	1.35	2.45	4.80	7.62	8.77	4.81	2.57	4.70	9.42	5.78	6.60	60.50	69.11
Sav-la-Mar	0.22	0.78	3.98	1.75	7.71	7.51	2.57	2.26	4.39	4.25	2.53	4.96	42.91	62.09
Little London	2.85	2.06	2.81	3.32	9.21	11.56	5.26	6.93	6.05	7.69	5.53	7.78	73.05	70.18
Retreat	1.73	1.14	3.12	2.55	5.35	9.46	5.78	8.12	4.24	3.43	5.46	8.26	58.64	69.97
Negril Point L.H.	2.98	1.84	2.31	1.25	9.33	4.33	3.77	3.64	4.44	4.06	2.49	5.74	46.18	54.09

COMPARATIVE TABLE OF RAINFALL FOR 1940.

Division.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1940.	Average 60 year.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
North-Eastern Division	8.83	6.92	1.12	5.42	17.13	4.14	3.83	3.48	6.75	12.84	18.61	10.89	99.96	99.54
Northern Division	5.65	4.20	1.34	2.41	11.05	3.55	3.02	4.02	6.10	7.07	7.30	5.86	61.57	56.68
West-Central Division	3.80	2.52	3.09	3.88	14.06	8.60	7.17	9.10	7.81	10.34	5.00	5.20	80.57	87.84
Southern Division	2.06	2.31	0.90	2.31	5.52	2.40	2.36	2.49	4.42	7.60	4.19	5.73	42.29	51.43
Means for 1940	5.09	3.99	1.61	3.51	11.94	4.67	4.10	4.77	6.27	9.46	8.77	6.92	71.10	..
Averages 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 DAYS ON WHICH RAIN FELL.

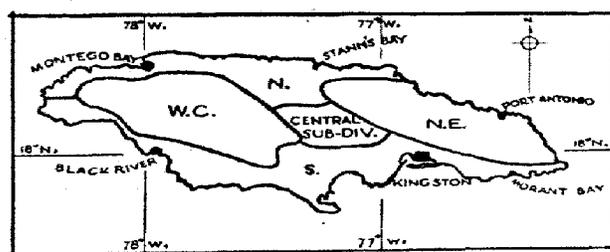
The Island.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Means for 1940	10	8	4	8	15	8	8	10	12	14	12	13	122
Averages for 35 years 1895-1929	8	7	8	9	12	10	9	11	13	14	12	9	122

MEAN RAINFALL FOR EACH PARISH, 1940.

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	0.94	1.84	0.18	0.56	0.88	0.13	1.63	0.63	2.41	3.39	1.85	3.72	18.16	30.46
St. Andrew	2.91	2.97	0.32	4.24	8.01	4.23	2.09	3.35	6.26	8.97	7.76	5.07	56.18	68.47
St. Thomas	4.47	4.18	0.63	2.38	6.26	1.83	3.92	3.35	9.30	19.17	6.49	13.45	75.43	79.95
Portland	14.31	11.91	1.49	12.51	24.10	4.76	6.91	3.11	7.08	20.36	35.38	17.56	159.48	136.13
St. Mary	11.18	6.93	1.47	4.77	18.45	3.80	2.52	2.03	5.75	8.84	21.15	11.06	97.95	83.72
St. Ann	6.03	5.78	0.93	1.76	12.15	3.11	2.22	2.73	3.36	8.63	8.53	6.95	63.28	65.76
Trelawny	7.02	3.55	2.55	2.64	14.22	4.00	3.82	7.18	5.43	9.57	9.45	5.67	75.10	61.52
St. James	5.21	3.34	2.60	3.17	13.73	8.39	4.95	7.00	10.95	8.08	6.36	4.01	77.79	64.22
Hanover	6.85	2.00	2.11	5.22	11.81	10.70	6.76	8.04	12.90	6.77	5.49	5.04	83.69	81.25
Westmoreland	3.01	2.13	3.64	4.69	11.48	12.17	7.79	9.38	8.25	9.18	4.40	7.05	83.17	83.75
St. Elizabeth	1.95	2.16	2.72	5.26	12.22	5.45	4.71	7.88	4.29	6.85	7.01	4.14	64.64	65.74
Manchester	2.92	3.51	2.12	2.35	10.50	2.98	3.87	4.80	5.56	9.62	4.72	4.17	57.12	70.82
Clarendon	2.10	2.98	1.37	1.73	13.05	2.25	3.66	3.70	6.00	8.50	3.84	4.60	53.78	59.98
St. Catherine	3.06	2.95	1.21	3.02	9.29	3.57	3.26	4.37	3.96	5.67	6.06	6.06	52.48	64.75
Means 1940	5.14	4.01	1.67	3.88	11.94	4.83	4.16	4.82	6.54	9.54	9.17	7.04	72.74	72.62

TABLE OF GREATEST AND LEAST MONTHLY FALLS IN 1940.

Month.	Greatest Fall.		Least Fall.	
	Amount. Ins.	Place.	Amount. Ins.	Place.
January	24.63	Fellowship	0.00	Trinity Ville, Pedro Plains and Fort Charles
February	17.65	do.	0.60	King's Vale
March	7.45	Troy	0.00	Priestman's River, Trinity Ville, Runaway Bay, Yallahs, Bull Bay, Irish Town, Halfway Tree, Seaward Pen, Red Hills, Quarantine Station, Milk River, Alligator Pond, Myersville and Mountainside.
April	24.54	Millbank	0.00	Yallahs, Bull Bay, P. P. Lighthouse, Glen Muir and Cottage
May	73.20	Balcarres	0.53	Plumb Point Lighthouse
June	21.87	Cascade	0.00	Bull Bay, P. P. Lighthouse and Cottage
July	16.94	Millbank	0.00	Runaway Bay and Fort Charles
August	21.40	Troy	0.00	Bull Bay, Hematine, Spanish Town and Milk River
September	33.87	Cascade	0.58	Fort Charles
October	45.14	Millbank	1.60	Black River
November	79.20	Greenvale (Portland)	0.75	Cottage
December	36.60	Balcarres	1.14	Fort Charles
Year	289.16	Balcarres	14.44	Bull Bay



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-division; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North-eastern and West-central Divisions are the remaining parts of the Island bounded by the sea and the other Divisions.

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

YEAR 1940.

## METEOROLOGICAL—JAMAICA.

## CLIMATIC CONDITIONS.

*Precipitation.*

The Island rainfall mean for the year 1940, was 71.10 inches, which is 2.77 inches below the 60-Year average of 73.87 inches. On account of the abnormal heavy rainfall of the preceding year 1939, giving 81.79 inches, it would serve no purpose to make a comparison.

The months of January, February, May, November and December gauged a little over their normals. The remaining seven months gave results slightly below their normals. The first half of the year, (January to June) gave the average as very slightly above the aggregate normal, and the latter half a little below. The "Seasons" rains for May and October showed no serious departure from their average.

The mean annual total number of days with appreciable rainfall was 122, which corresponds with the 35-Year average.

The following data present a condensed report of the most important features relative to each of the Island Divisions, or to the parishes, concerning each monthly rainfall results:—

*January.*—This month the average shewed an excess in all the Divisions, and on the whole, about 25% above normal. The North-eastern Division with 8.83 inches was 1.15 inch above its average, and the Southern Division with 2.06 inches was 0.23 of an inch above its average. The heaviest precipitation appears to have been towards the end of the month, and particularly on the 29th. The greatest total fall for the month was 24.63 inches at Fellowship in the North-eastern Division, and the heaviest fall in 24 hours was 9.26 inches, at the same station, on the 29th.

The mean number of days with rain was 10, the average for the month being 8, Fellowship in the North-eastern Division reported the most, 25.

The Parish of Portland recorded the most precipitation with 14.31 inches, followed by the Parish of St. Mary with 11.18 inches. Kingston recorded the least with only 0.94 of an inch.

*February.*—The mean rainfall for the whole Island 3.99 inches, was above the 60-Year average of 3.13 inches. The North-eastern Division shewed a mean of 6.92 inches and the Southern Division a mean of 2.31 inches. This month is noted for being one with the least average rainfall. The greatest total fall for the month was 17.65 at Fellowship in the North-eastern Division, and the heaviest fall in 24 hours was 4.95 inches at Passley Garden in the same Division on the 24th.

The heaviest precipitation occurred during the last week of the month, particularly on the 25th and 28th. The mean number of days with rain was 8, the average being 7. Moore Town in the North-eastern Division had the greatest number, 24.

The Parish of Portland recorded the most precipitation with 11.91 inches, and followed by St. Mary with 6.93 inches. Kingston with 1.84 inch was the least.

*March.*—The mean monthly rainfall for this month was much below the average in all the Divisions, the mean being 1.61 inch, and the 60-Year normal 3.35 inches. The West-Central Division shewed the highest with 3.09 inches, and the Southern Division with 0.90 of an inch, the lowest. The greatest total fall for this month was 7.45 inches at Troy, in the West-Central Division, and the heaviest fall in 24 hours was 5.76 inches at Williamsfield in the same Division, on the 23rd.

The mean number of rain days was 4, the average for the month being 8. The greatest number was 10 at Comfort Castle, Moore Town, Highgate (St. Catherine), the Bog, Bethel Town and Mt. Edgecombe.

No rain fell at 7 coastal stations in the Northern and Southern sections, and at 5 stations inland.

The Parish of Westmoreland shewed the highest with 3.64 inches, followed by St. Elizabeth with 2.72 inches. Kingston had the least with 0.18 of an inch.

*April.*—The Island mean monthly rainfall was below the average in all the Divisions, the general mean being 3.51 inches, as against the 60-Year average of 4.77 inches. The North-eastern Division with 5.42 inches was the highest, and the Southern Division with 2.31 inches, the least. The greatest total fall for the month was 24.54 inches at Millbank in the North-eastern Division, and the heaviest fall in 24 hours was 11.00 inches at the same station on the 28th.

No rain fell at Yallahs, Bull Bay, Plumb Point Lighthouse, Glen Muir and Cottage, all in the Southern Division.

The mean number of rain days was 8, the average for the month being 9. Hardware Gap in the North-eastern Division had the greatest number, 18.

Portland with 12.51 inches had the highest, followed by St. Elizabeth with 5.26 inches. Kingston with 0.56 of an inch was the least.

*May.*—The mean rainfall, including the four Divisions, gave a mean of 11.94 inches as compared to the 60-Year average of 8.77 inches. Therefore, the "Seasons" rainfall was more than adequate, and the excess occurred in three of these Divisions, the Southern Division being slightly below. The North-eastern Division with 17.13 inches was nearly double its average. The greatest total fall for the month was 73.20 inches at Balcarres in the North-eastern Division, and the heaviest fall in 24 hours was 18.90 inches at the same station, on the 13th. Greenvale, in the same Division, had a total fall of 60.52 inches with 17.00 inches on the 13th.

The mean number of days with rain was 15, the average being 12, the greatest number being 25 at Jack's River in St. Mary.

The Parish of Portland recorded the highest with 24.10 inches, followed by St. Mary 18.45 inches. Kingston with 0.88 of an inch was the least.

*June.*—The Island mean rainfall was much below the average in all the Divisions except the West-Central Division, which was slightly more, the Island mean rainfall being 4.67 inches, and the 60-Year average 6.53 inches.

The greatest total fall for the month was 21.87 inches, at Cascade, in the Northern Division, and the heaviest fall in 24 hours was 6.00 inches at Castleton Gardens on the 7th and at Troja on the 19th, both in the North-eastern Division.

No rain fell at Bull Bay, Plumb Point Lighthouse and Cottage, all in the Southern Division.

The mean number of rain days was 8, the average being 10.

The Parish of Westmoreland recorded the most precipitation, 12.17 inches, followed by Hanover with 10.70 inches. Kingston with 0.13 of an inch was the lowest.

For the half year, the average parish rainfall, 30.81 inches, was slightly above the 10-Year average.

*July.*—The mean rainfall for the Island was below the average in all the Divisions, the mean being 4.10 inches and the normal 4.75 inches. The West-Central Division was highest with 7.17 inches. The greatest total fall for the month was 16.94 inches at Millbank, in the North-eastern Division. The greatest total fall for 24 hours was 3.73 inches at Mandeville, in the West-Central Division, on the 24th.

No rain fell at Runaway Bay and Fort Charles. The mean number of rain days was 8, the average for the month being 9, the greatest number being 22 at Bethel Town in the West-Central Division.

The Parish of Westmoreland with 7.79 inches was highest, followed by Portland, with 6.91 inches. Kingston with 1.63 inch, was lowest.

**August.**—This month recorded a deficiency in all the Divisions, the Island mean being 4.77, as against the 60-Year normal of 6.93 inches. This deficiency might have been due to the absence of weather disturbances in the immediate vicinity of the Island. The greatest total fall for the month was 21.40 inches at Troy in the West-Central Division, and the heaviest fall in 24 hours was 3.80 inches at the same station, on the 14th.

No rain fell at Bull Bay, Hematine, Spanish Town and Milk River in the Southern Division.

The mean number of rain days was 10, the average being 11. Darliston and Williamsfield, (Westmoreland) in the West-Central Division, with 28 each, had the greatest number.

Westmoreland with 9.38 inches, had the highest parish rainfall for the month, followed by Hanover with 8.04 inches. Kingston with 0.63 of an inch, was the least.

**September.**—The Island mean rainfall was deficient in all the Divisions, except the Northern which was slightly above. The mean of the four Divisions was 6.27 inches, and the 60-Year average, 7.94 inches.

The greatest total fall for the month was 33.87 inches at Cascade, in the Northern Division, and the heaviest fall in 24 hours was 4.88 inches, at Green Island in the same Division on the 26th. The mean number of rain days was 12, the average for the month being 13. The greatest number was 23 at Cascade, in the Northern Division.

The Parish greatest rainfall was 12.90 inches in Hanover, followed by St. James with 10.95 inches. Kingston with 2.41 inches, was lowest.

**October.**—The mean rainfall for the Island was below the average in all the Divisions, except the North-eastern, the mean being 9.46 inches, as against the average of 10.21 inches. The "Seasons" rains were, therefore, slightly deficient.

The greatest total fall for the month was 45.14 inches at Millbank in the North-eastern Division, and the heaviest fall in 24 hours was 15.15 inches at the same station, and at Comfort Castle in the same Division, both on the 18th.

The mean number of days with rain was 14, which is also the average. Fruitful Vale in the North-eastern Division, had the greatest, 28.

The Parish of Portland with 20.36 inches, was highest, followed by St. Thomas with 19.17 inches. Kingston with 3.39 inches, was the lowest.

**November.**—The Island mean rainfall was 8.77 inches, as compared to the normal of 8.29 inches. The North-eastern Division, owing to a cloud-burst in Portland and St. Mary sections on the 18th, had a mean of 18.61 inches, the normal being 15.52 inches. The greatest fall for the month was 79.20 inches at Greenvale, Portland, closely followed by Balcarres in the same Parish, with 78.94 inches. This flood rain caused loss of life and serious damage to roads, bridges and private property (*vide* Weather Report for November, No. 777, for details). The heaviest fall in 24 hours was 27.15 inches, at Greenvale, in Portland. Heavy falls were also experienced in 24 hours at other stations.

The mean number of rain days was 12, which is also the average. Fellowship in the North-eastern Division, had the greatest number, 26.

The Parish of Portland with 35.38 inches, gauged the highest, followed by St. Mary with 21.15 inches. Kingston with 1.85 inch, was the lowest.

**December.**—The mean rainfall, 6.92 inches, was above the average of 5.20 inches. All the Divisions were in excess. The greatest fall for the month was 36.60 inches, at Balcarres in the North-eastern Division, and the heaviest fall in 24 hours was 10.00 inches at the same station, on the 10th.

The mean number of days with rain was 13, and the average 9. Moore Town in the North-eastern Division, reported 27.

The Parish of Portland gauged 17.56 inches, which is the highest record for the month, followed by St. Thomas with 13.45 inches. Kingston with 3.72 inches, was the lowest.

#### THE ISLAND RAINFALL FOR THE YEAR, 1940.

The total mean rainfall, derived from the twelve monthly averages, covering the four divisions of the Island, was 71.10 inches, as compared to the 60-Year normal of 73.87 inches. The Parish of Portland gauged the greatest total of 159.48 inches, as compared to its average of 136.13 inches, followed by St. Mary with 97.95. The Parish of Kingston had the lowest with 18.16 inches.

The aggregate total rainfall of the four divisions with 71.10 inches, represents 2.77 inches below the 60-Year normal.

#### KINGSTON FOR THE YEAR, 1940.

Total rainfall for the year 1940, as registered at the Public Works Buildings, Port Royal Street, Kingston, was 17.11 inches, the 60-Year normal being 31.57 inches, shewing a deficiency of 14.46 inches. This was the lowest annual rainfall recorded since 1930, when a total of 15.48 inches was recorded. The month of December recorded the greatest fall, with 4.01 inches, and March the least with only 0.05 of an inch. The total number of days with appreciable rain, was 74, as against the 49-Year average of 79. The greatest number of rain days in one month was 10 in October, and the least 1 in March and June respectively.

The mean barometric pressure for the year 1940, was 29.918 inches, and the 33-Year normal is 29.932 inches.

Mean temperature for the year was 79.6, as against the 33-Year normal of 78.7, a difference of 0.9.

The mean amount of cloudiness for the year was 53% which is the normal.

The mean relative humidity was 75%, the 33-Year average being 79%. Average daily wind 185 miles, normal 185.

#### NEGRIL POINT LIGHTHOUSE FOR THE YEAR, 1940.

The extreme maximum temperature was 92.6° on the 20th July, and the extreme minimum was 65.7° on the 27th of February. The greatest range of temperature was 24.0° in the month of November and the least range was 18.5° in the month of September.

The greatest monthly rainfall was 9.33 inches in May, the average for 35 years, being 6.25 inches, showing 3.08 inches in excess. The least was 1.25 inches in April as against the 35-Year average of 2.92 inches. The total number of days with appreciable rain was 121 for the 12 months. The year's total rainfall was 46.18 inches as against the 35-Year normal of 51.09.

The daily average wind recorded was 144 miles. The highest daily average was 185 in February and the lowest was 104 in August.

## MORANT POINT LIGHTHOUSE FOR THE YEAR, 1940.

The extreme maximum temperature was 95.5° on the 6th January, and the extreme minimum was 63.5° on the 7th of March. The extreme range for the year was therefore 32.0°. The greatest monthly range was 25.3° in January and the least was 15.0° in June. The greatest monthly rainfall was 19.52 inches in October and the least was 0.10 in June. There were 152 days with appreciable rain during the year. October had the greatest with 20 days, and June the least with 1. The total rainfall for the year was 67.70 inches as against the 60-Year average of 66.67 inches, shewing an excess of 1.03 inch. The average fall for each day with rain (152) was approximately 0.45 inch. The mean total daily miles of wind was 294. July recorded the greatest with 354, followed by June with 348, and September the least, with 229.

## WEATHER DISTURBANCES, CALENDAR YEAR, 1940.

In January there was a persistent "Norther" from the 24th to 29th, with a surface wind at Kingston varying from about 12 miles per hour on the 24th, to 32 miles per hour on the 27th, felt over most part of the Island, causing moderate damage to cultivation.

February also experienced a "Norther" of shorter duration, from the 21st to 23rd. Maximum surface velocity 22 miles per hour. No serious damages were reported.

On March 21st, there was evidence of a moderate Tropical Disturbance located to the northwest of Negril Point. Heavy seas were reported from Negril Point. Barometric pressure fell to fifteen-hundredth of an inch below normal. The wind at Negril Point indicated southeast at 15 miles per hour. This depression apparently moved away from Negril Point, for on the 23rd the barometric pressure rose one-tenth of an inch. No damages were reported.

The United States Weather Bureau, on the 5th August at 7.00 a.m., located a weather disturbance near to the Virgin Islands, attended by fresh to moderate strong winds. It apparently moved towards Dayton Beach, east coast of United States of America. It then covered a large area of the southern coast of Florida, with squalls of gale force. On September 12th, the United States Weather Bureau issued a notice stating that there was a Tropical Disturbance situated central at 1.00 a.m., about 200 miles north-northeast of Puerto Rico, apparently of moderate intensity, moving slowly in a west-northwesterly direction. On the 13th, it was reported about 260 miles north of San Juan, Puerto Rico, of hurricane force, continuing west-northwesterly at a progressive rate of about 12 to 14 miles per hour. On the 14th, it was located about 400 miles east-northeast of Nassau, then moving rather slowly to the northward, attended by gales over a large area and winds of hurricane force near centre. It further changed its course to north-castward passing near Bermuda on Sunday the 15th. The usual notices were issued.

There was on the 9th October, some evidence of the development of a slight atmospheric depression between eastern Cuba and Jamaica, but this failed to organize. There was, however, fairly good precipitation reported by several Parishes of the Island, such as St. Thomas and Portland with 20 inches of rain, St. Mary and St. Ann with over 10 inches.

On the 22nd, October the United States Weather Bureau issued a broadcast notice that in the afternoon of the 21st, a slight weather disturbance existed in the south-western Caribbean, apparently increasing in intensity and moving northward. On the 22nd, it had developed into a tropical storm moving north-northwest, central at about 150 miles to the east-northeast of Bluefields, Nicaragua, attended by strong shifting winds of apparently increasing intensity and attended by strong winds over a large area. It evidently moved over Nicaragua on the 23rd.

According to press reports, a vessel known as the "Hustler" trading between Cristobal and Cayman Islands, evidently encountered this storm and was lost with the Captain and thirteen passengers.

There were no hurricanes reported in November, but the north-eastern section of Jamaica suffered acutely from the results of a great "cloudburst" especially in the Buff Bay area of Portland, where the greatest total of 60 inches of rainfall was experienced with serious loss of life and property. Details are given in the Weather Report No. 777 for November, 1940.

In December, there was nothing eventful to record, with the exception that the Mean Island Rainfall was 6.92 inches for this month.

## OTHER PHENOMENA—(BRIEF NOTES).

## NORTHERS.

Northers, moderate to brisk, at places over the Island, January 24th to 29th. February 21st, 23rd and 26th, also on October 19th.

## EARTHQUAKES.

January 10th—Intensity I. Felt at Rosemount and Kempshot.  
 April 18th—Intensity I. Felt at Munro College.  
 June 30th—Intensity I. Felt at Fellowship, Boon Hall, Unity Valley, Belle Plain, Lloyds and Kingston.  
 July 29th—Intensity I. Felt at Port Antonio.  
 July 30th—Felt at Fellowship, Bath, Stony Hill, Unity Valley, Linstead, Colonel's Ridge, Spaldings, Clifton Hill, East Prospect, Kingston and Old Harbour. Slight.  
 August 15th—Boon Hall. Slight.  
 October 2nd—Intensity I. Felt at Lloyds.  
 November 5th—Intensity I. Felt at Unity Valley and East Prospect.  
 November 9th—Intensity at some places estimated as III. Felt at Boon Hall, Unity Valley, Chapelton, Golden Grove, East Prospect, Dallas Castle, Plumb Point Lighthouse, Kingston, Halfway Tree, Quarantine Station, Falmouth and Moneague and some other places. Slow movement.  
 November 11th—Intensity I. Felt at East Prospect.

## FLOOD RAINS (CLOUDBURST).

November 18th and 19th—Confined to the Buff Bay region, in the North-eastern Division. (See Weather Report for November for details).

## SOLAR HALO.

On the 29th May a brilliant Solar Halo appeared when the sun was nearly overhead. It was what is known as a 22½ degree type, and had a duration of about 1½ hour. These phenomena are rare. A previous occasion was on the 14th May, 1921.