

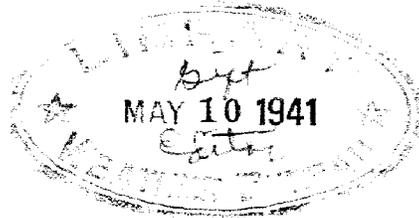
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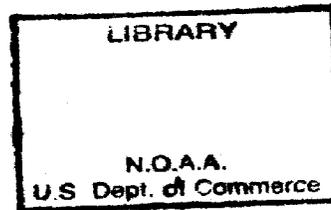


# JAMAICA RAINFALL

FOR THE YEAR



1939.



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1941.

# **National Oceanic and Atmospheric Administration**

## **Climate Database Modernization Program**

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March 28, 2002



## NORTH-EASTERN DIVISION, 1939.

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	4.11	1.47	6.03	2.98	8.16	8.55	2.51	3.76	9.39	12.33	40.04	11.87	111.20	100.58	
Priestman's River	3.89	1.40	1.80	5.34	5.18	9.97	3.25	5.45	6.45	9.65	32.59	8.30	93.27	89.46	
Bath	7.26	1.98	6.45	5.94	7.58	12.99	7.27	1.86	7.27	22.02	38.45	11.38	130.45	113.30	
Barrett's Gap	8.42	1.80	5.68	7.14	5.86	15.45	7.35	4.04	6.40	25.45	46.50	12.71	146.80	146.80	
Millbank	15.92	3.12	7.62	6.15	12.35	20.42	11.85	3.69	9.42	17.77	82.45	32.46	223.22	223.22	
Comfort Castle	14.57	2.29	6.40	7.25	12.07	18.46	11.85	3.09	7.64	19.19	94.92	34.04	231.77	231.77	
Moore Town	14.15	5.46	9.54	9.15	12.05	23.89	14.55	6.31	9.31	13.36	69.91	27.08	214.76	208.31	
Port Antonio	4.91	1.47	4.77	6.54	3.31	9.14	5.93	4.35	5.96	8.33	32.90	8.00	93.61	129.75	
Passley Garden	5.69	2.16	7.05	6.13	3.86	7.62	4.31	3.34	4.99	8.10	39.74	7.50	100.49	100.49	
Fellowship	7.70	2.19	7.73	7.20	7.83	14.03	8.81	3.52	5.25	14.00	65.28	18.82	162.36	172.99	
Johnson River Br.	2.71	1.37	0.69	3.56	4.37	11.11	4.51	0.94	2.29	19.72	33.57	3.60	88.44	88.36	
Trinity Ville	2.13	0.73	1.57	2.63	3.66	8.58	4.30	1.27	3.49	21.70	27.11	2.29	79.46	79.46	
Fruitful Vale	11.33	3.83	8.57	3.65	6.24	8.11	4.00	1.14	2.38	28.71	67.95	31.18	177.09	177.09	
Hope Bay	5.04	1.30	5.21	3.42	3.26	8.68	2.72	1.35	3.97	11.67	49.38	8.76	104.76	104.76	
Cedar Valley	2.19	1.30	3.29	2.09	2.74	8.46	2.67	0.45	4.90	19.26	65.70	1.89	114.94	89.45	
Paradise	4.93	1.01	2.45	1.95	2.01	3.30	1.85	0.65	1.70	4.70	28.96	11.80	65.31	65.31	
Lennox	2.64	2.42	4.69	4.62	2.92	5.91	2.40	0.00	1.63	5.90	44.30	23.90	101.33	101.33	
Greenvale	10.09	2.76	9.12	3.32	6.95	5.19	2.27	0.89	3.07	17.28	69.96	24.81	155.71	150.84	
Darley	4.19	1.90	4.55	4.07	5.27	10.18	4.63	2.53	2.60	7.79	45.70	16.11	109.52	109.52	
Spring Garden	3.24	2.07	3.40	4.37	2.55	4.60	2.52	6.72	37.29	7.79	45.70	16.11	109.52	77.59	
Hill Gardens	3.16	1.42	3.32	2.77	3.02	6.34	1.44	1.06	2.86	20.54	48.40	4.64	98.97	100.11	
Buff Bay	4.60	2.09	4.50	5.00	3.10	4.10	2.19	0.95	2.46	7.80	36.37	10.19	83.26	97.13	
Buff Bay R. Est.	6.53	2.32	6.75	5.20	4.77	5.69	1.64	1.28	2.01	8.18	45.56	25.13	115.06	115.06	
Belvedere, Portland	7.01	1.59	6.11	3.82	2.52	6.02	1.59	1.05	1.77	8.01	50.97	20.53	110.99	85.94	
Windsor Castle, Portland	3.86	1.55	4.63	2.86	3.27	3.36	2.11	0.84	2.27	6.29	38.72	8.63	78.39	83.19	
Balcarres	12.23	1.90	7.21	1.73	2.38	3.03	3.38	0.65	5.44	16.11	91.89	34.22	180.47	180.47	
Mt. Holstein	7.07	2.06	6.43	3.56	6.25	7.60	3.23	7.11	3.00	13.15	71.83	10.51	141.82	138.76	
Cedar Hurst	5.47	4.19	5.15	4.02	6.40	10.75	4.48	2.22	4.01	14.60	60.15	8.65	125.09	125.09	
Hardware Gap	4.01	0.76	7.24	3.94	11.74	10.83	6.79	7.31	3.35	21.07	58.56	4.29	139.89	97.57	
Rose Hill	2.77	1.43	5.62	7.78	11.39	5.22	4.59	6.39	8.23	27.93	40.57	2.66	124.53	104.60	
Hermitage	1.41	1.15	4.82	3.78	7.63	8.85	5.17	8.19	7.19	14.34	36.21	2.79	101.53	101.53	
Mount Airy	4.66	0.88	7.54	7.23	11.36	5.47	5.31	6.08	13.36	15.28	38.72	5.78	121.67	121.67	
Stony Hill Ind. School	1.78	1.07	4.17	4.10	6.70	9.18	5.46	8.18	8.12	16.42	29.82	3.91	98.91	79.12	
Boon Hall	1.43	0.98	5.98	4.27	8.80	7.76	5.81	7.53	9.02	14.00	30.67	1.68	97.93	97.93	
Brandon Hill	3.12	1.16	3.29	2.81	8.25	6.53	3.47	2.97	9.41	12.70	30.67	5.03	89.43	89.43	
Enfield	8.42	1.54	6.78	5.07	3.17	8.29	2.42	0.90	1.32	10.23	58.97	29.17	136.28	136.28	
Agualta Vale	2.67	1.39	2.23	2.03	0.75	3.11	1.16	1.20	0.81	5.19	38.33	7.09	65.96	70.07	
Castleton Gardens	8.29	1.80	6.66	8.78	16.18	8.97	9.43	8.92	8.55	16.85	76.58	7.88	178.89	178.89	
Water Valley	2.85	0.46	2.99	5.21	1.62	2.27	1.62	0.30	2.13	5.01	28.71	7.90	61.07	72.57	
Albany	4.30	0.77	1.85	4.36	1.52	2.87	1.75	0.20	2.45	6.43	23.91	7.16	57.57	67.54	
Lawrence Tavern	0.88	0.52	3.94	2.53	5.51	7.61	1.15	4.81	10.97	7.08	24.93	1.65	74.58	77.25	
Wey Hill	3.17	0.58	3.42	4.72	10.67	4.36	3.53	5.59	6.05	7.82	29.32	3.58	82.81	82.81	
Richmond, St. Mary	6.99	0.51	5.31	6.10	3.90	2.79	2.79	1.05	1.16	3.45	10.35	33.03	8.45	83.12	76.60
Quebec	4.74	1.70	1.64	5.20	2.20	2.09	0.64	1.32	2.22	22.19	6.09	6.09	69.23	69.23	
Above Rocks	0.75	0.10	6.09	3.44	7.44	11.30	12.06	6.50	8.37	10.06	30.35	2.53	98.99	98.99	
Glengoffe	2.03	0.15	3.57	4.08	6.95	13.26	6.13	7.18	8.78	9.88	26.29	1.25	89.55	89.55	
Carew Castle	0.85	0.08	4.96	3.74	6.51	9.95	9.60	4.97	12.37	9.78	28.43	1.42	92.66	86.72	
Hampstead, St. Mary	3.79	0.82	4.39	4.20	2.79	1.10	0.85	0.00	5.05	10.32	35.80	9.70	78.81	87.04	
Windsor Castle, St. Mary	9.28	0.95	4.99	9.09	6.95	2.61	4.10	1.92	4.47	8.41	33.87	8.16	95.20	95.20	
Troja	1.36	1.10	4.41	7.63	7.62	1.35	3.10	2.45	7.20	8.29	30.36	7.76	82.63	82.63	
Pear Tree Grove	5.54	0.40	6.25	4.03	5.30	3.43	3.77	2.60	5.44	8.14	27.81	6.90	79.61	79.61	
Guy's Hill	7.10	0.40	3.66	6.09	5.13	2.38	3.11	1.02	5.40	9.56	28.50	7.03	79.38	71.62	
Lucky Hill	4.61	1.03	1.93	3.53	3.77	3.43	3.11	0.31	4.41	7.85	32.45	7.29	73.72	79.52	
Rio Hoe	4.01	2.71	2.18	11.55	5.70	1.34	7.86	1.28	3.80	9.86	18.36	3.23	71.88	77.58	
Unity Valley	4.10	1.63	4.69	7.38	2.82	3.00	5.42	1.65	4.46	7.03	32.97	2.45	77.60	81.33	
Moneague	3.48	1.56	2.30	6.25	3.19	2.39	4.31	1.34	3.39	7.37	20.17	2.92	58.67	79.83	
Claremont	4.80	1.86	5.53	5.77	5.85	2.31	4.41	1.01	4.64	6.73	24.33	3.48	70.72	71.97	
Averham Park	5.62	0.77	3.29	4.18	7.21	1.76	5.87	0.56	2.75	7.34	23.48	5.49	68.33	79.26	
Albion	4.10	1.28	7.49	4.48	4.32	1.32	4.25	1.37	3.49	10.47	24.63	3.04	70.21	76.27	

## NORTHERN DIVISION, 1939.

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	6.33	2.11	5.01	6.85	3.07	2.11	0.89	2.08	5.12	8.21	23.32	5.93	71.12	68.32
Wentworth														
Oracabosa	6.69	2.64	2.14	4.66	4.81	2.43	0.68	1.80	3.86	4.75	19.52	5.23	59.21	59.21
Huddersfield	6.66	3.51	1.15	2.63	4.82	3.88	0.00	1.65	1.39	4.47	17.54	4.53	52.23	52.23
Ocho Rios	5.21	1.21	2.00	1.45	1.12	2.42	1.10	0.05	3.25	4.27	18.34	5.89	46.31	52.92
Rockfield	7.24	0.93	2.47	3.11	4.87	1.19	2.93	0.93	3.27	5.18	31.38	3.27	66.77	73.66
Liberty Hill	2.59	0.20	0.70	0.62	1.39	0.22	0.29	0.38	0.79	1.08	6.32	1.96	16.54	61.00
St. Ann's Bay	5.97	1.13	4.00	3.75	2.86	0.98	1.00	0.30	2.59	6.74	20.72	8.61	58.65	58.29
Richmond Estate	4.14	0.95	2.27	1.00	0.45	0.69	0.69	0.69	3.06	11.39	3.77	3.77	59.93	59.93
Runaway Bay	2.16	1.10	3.11	2.84	0.59	0.30	1.42	0.16	1.07	4.24	13.74	4.72	35.45	27.10
Knapdale		1.37	3.07	3.70	3.18	1.47	1.06	1.59	2.69	8.43	32.84	6.98	6.98	6.98
Alexandria	1.91	0.35	4.19	2.30	3.37	1.92	2.88	3.63	5.71	4.52	13.19	0.68	44.65	50.96
Bel Air	6.30	1.60	3.20	4.10	0.90	1.00	1.45	1.00	2.25	8.05	25.30	5.80	60.95	60.95
Brown's Town	5.53	1.25	3.51	3.65	7.10	3.28	1.70	1.38	2.71	8.49	37.36	4.68	80.62	69.16
Wilton	7.01	1.52	2.34	3.84	2.77	1.52	0.92	2.25	2.67	7.23	33.01	6.66	71.74	71.74
Watt Town, St. Ann	3.83	1.34	3.89	1.25	5.10	4.25	0.77	3.61	5.99	8.67	16.54	6.43	61.67	53.13
Home Castle	7.25	0.85	1.25	6.90	1.85	2.00	2.80	3.15	6.75	6.75	3.05	3.05	57.81	57.81
Areadia	5.02	0.59	2.47	2.32	4.03	1.17	1.58	0.61	2.15	7.46	24.39	3.86	55.65	51.01
Vale Royal	5.50	0.48	2.98	2.45	4.08	1.22	1.62	1.14	2.07	6.22	23.99	3.66	55.41	56.36
Harmony Hall		1.02			0.90	1.10			2.99	3.02		5.42		42.10

## NORTHERN DIVISION, 1930, 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	3.41	0.70	1.57	2.34	0.92	0.24	0.40	0.26	3.14	4.56	18.04	4.07	39.65	
Clark's Town	3.63	4.62	4.24	3.88	5.77	1.24	9.52	1.83	6.54	7.69	24.24	2.87	76.07	
Falmouth	1.90	0.48	1.59	2.57	1.03	0.23	1.01	0.34	1.60	2.59	11.96	2.30	27.60	38.20
Adelphi	4.74	0.23	4.72	4.73	4.95	4.85	4.51	3.20	3.56	3.76	24.68	1.20	65.13	
Success	2.29	0.20	2.85	2.32										36.48
Rose Hall	2.27	0.28	2.42	2.00										39.88
Cinnamon Hill	2.80	0.25	2.05	2.30										41.25
Tryall	2.56	0.25	1.77	2.23										46.27
Running Gut	1.54	0.23	2.37	1.85										39.56
Spring Estate	2.27	0.12	1.88	2.53										40.88
Friendship	4.40	0.96	2.52	7.97	6.03	8.29	7.77	5.28	4.16	3.45	15.89	1.30	68.02	60.91
Retirement	3.83	0.65	3.07	6.04	5.65	5.31	6.70	3.08	5.27	2.79	14.44	1.02	57.85	66.73
Rosemount	3.64	0.55	3.29	4.59	3.85	4.56	3.84	2.86	1.05	1.74	11.27	3.36	44.60	
Montego Bay	3.46	0.52	2.32	8.00	5.08	4.61	4.60	3.25	3.10	1.61	13.22	2.85	52.62	54.47
Anchovy	1.36	0.31	3.85	3.82	5.31	4.16	9.26	4.06	5.33	2.98	6.87	0.87	48.18	55.67
Hopewell	1.40	0.24	3.21	5.59	8.53	6.87	4.79	5.00	5.88	2.90	13.76	2.01	60.18	
Blue Hole	3.11	0.27	2.02	6.59	6.05	2.08	2.66	2.48	4.11	2.73	10.30	6.46	48.86	80.87
Cascade	3.93	1.05	5.12	24.02	17.24	9.94	9.45	12.05	9.59	7.74	18.52	3.90	122.55	
Lucea	1.90	0.44	4.34	7.36	6.97	2.25	2.17	3.41	4.77	3.50	10.13	4.80	52.04	64.51
Haughton Court	1.51	1.19	4.77	9.11	9.07	2.47	6.15	4.38	5.75	3.07	12.01	2.83	62.31	60.69
Kendal, (Hanover)	3.67	1.44	6.03	12.45	16.11	8.84	8.01	10.58	13.68	7.94	15.41	1.65	105.81	
Cousins Cove	1.80	2.59	8.17	12.37	9.38	5.00	6.27	5.63	7.58	4.45	11.72	1.81	76.97	
Green River	3.21	2.03	7.01	12.87	15.36	10.31	9.09	8.81	11.66	6.64	11.44	1.62	100.05	
Green Island	3.09	4.06	9.71	14.04	8.05	6.75	9.80	9.07	12.96	6.97	9.49	1.07	95.06	78.16
Haughton Hall	1.85	1.77	6.77	10.77	6.93	5.20	6.09	7.26	8.87	8.31	7.88	1.00	72.70	
Knollis	1.02	0.17	6.34	5.82	2.58	7.14	3.89	8.87	6.41	8.68	22.66	2.00	75.58	
Highgate	1.85	1.17	9.84	8.53	7.45	9.66	9.40	7.50	8.99	13.15	24.94	2.40	104.88	
Rio Magno	8.58	1.25	11.21	5.63	6.30	2.36	3.33	2.50	6.95	8.13	20.24	3.31	79.79	
Riversdale	0.55	0.00	3.82	6.33	6.50	7.35	6.79	8.26	7.40	8.90	19.21	2.22	77.33	
Headworks, R. C. C.	1.59	1.31	3.21	2.90	2.74	5.26	5.34	5.86	8.37	11.00	36.36	3.28	87.31	52.42
Bog Walk	1.10	1.12	1.92	4.13	3.12	5.48	2.60	7.10	5.31	8.20	6.30	1.90	48.28	
Linstead	1.03	0.42	4.21	4.44	2.42	4.24	5.10	3.26	3.03	9.86	24.80	1.22	64.03	70.22
Ewarton	1.12	0.00	1.60	3.68	1.95	3.39	4.89	1.24	4.65	6.49	15.03	0.56	44.60	
Guanaboa Vale	0.76	0.99	1.79	2.53	1.13	6.47	3.19	5.94	6.62	10.42	19.39	2.85	62.08	
Cave Valley	0.96	0.22	2.73	2.59	7.09	7.90	3.04	3.28	9.25	4.41	17.55	1.03	60.25	65.88
Point Hill	2.34	0.44	7.16	6.70	3.97	6.81	4.66	3.03	4.84	9.76	24.86	3.79	78.36	92.48
Brown's Hall	2.98	1.84	8.16	4.89	3.58	5.18	5.05	5.50	4.16	10.53	33.18	3.01	88.06	79.29
Bellas Gate	1.17	1.50	2.80	4.01	2.51	4.35	5.20	4.98	3.04	11.10	25.19	1.74	67.59	44.66
Rock River	1.25	1.55	2.69	2.92	1.21	5.18	2.98	2.02	2.60	10.49	31.90	2.48	67.27	
Crofts Hill	2.25	3.30	7.63	1.50	8.45	3.24	2.16	1.69	8.65	14.47	33.43	1.96	88.73	57.46
Far Enough	1.84	1.73	3.33	2.58	7.04	11.13	1.34	5.29	8.67	15.47	33.23	4.13	95.78	
Suttons	1.80	1.55	5.36	3.88	2.91	3.15	2.98	0.94	4.43	9.32	21.74	3.24	61.25	
Chapelton	0.96	0.97	4.29	3.63	2.88	3.85	2.40	3.01	6.59	6.68	24.23	2.52	62.01	61.16
Crooked River	0.92	0.73	4.47	3.00	3.52	4.80	4.75	10.82	7.47	6.77	19.60	3.38	70.23	
Colonels Ridge	1.60	0.61	3.75	1.67	6.39	11.25	1.61	8.48	7.77	7.17	23.36	3.62	77.23	
James Hill	1.49	1.23	6.40	3.67	5.54	5.99	5.24	6.78	9.71	8.89	21.35	2.93	79.22	
Frankfield	2.60	3.00	7.00	3.49	4.64	8.03	6.81	10.67	10.21	6.77	20.93	3.56	87.71	58.40

## WEST-CENTRAL DIVISION, 1930.

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	0.44	0.58	2.39	1.14	2.29	5.81	2.35	3.04	6.24	11.44	14.62	3.70	54.04	68.43
Borobridge	1.35	0.64	4.35	3.10	5.70	6.88	4.42	5.33	7.40	5.45	17.20	3.20	65.02	
Spaldings	0.61	1.27	3.66	3.63	5.14	8.97	5.14	5.88	10.03	12.53	26.90	2.33	87.09	62.54
Smithville	1.57	3.98	2.66	3.58	5.45	7.15	3.00	5.24	7.21	9.30	26.57	2.67	78.38	
Porus	1.19	0.82	2.37	2.48	2.78	6.04	3.09	4.67	6.90	9.10	20.52	1.84	61.80	
Williamsfield	1.09	1.84	3.67	2.37	3.94	3.93	3.42	3.83	5.37	0.17	20.17	2.95	61.75	
Brokenhurst	2.07	1.58	6.88	2.01	3.70	9.85	3.81	6.62	10.72	13.14	26.80	1.79	88.97	80.50
Shooters Hill	0.79	2.71	4.52	1.76	5.75	6.40	2.22	5.14	5.40	7.05	19.14	3.93	64.81	66.00
Wait-a-Bit	3.50	0.92	5.30	6.48	12.22	14.86	3.58	5.92	19.84	10.83	28.21	2.33	113.99	
Christiana	1.39	0.99	2.80	2.48	5.27	10.22	4.01	5.97	8.45	8.31	26.34	4.13	80.36	73.05
Clifton Hill	1.57	1.62	6.28	3.93	6.27	6.36	3.50	2.12	4.75	13.13	31.64	3.91	85.08	69.76
Kendal, Manchester	0.86	2.96	3.59	1.25	4.58	5.82	1.87	4.05	5.40	8.67	20.98	2.69	62.72	76.37
Mereworth	2.66	2.54	6.06	3.24	4.16	7.43	3.87	4.90	4.50	11.10	27.63	1.59	79.68	
Mandeville	1.02	3.31	4.94	3.52	4.45	5.24	3.45	1.39	4.59	9.28	23.56	2.12	66.87	77.00
Ulster Spring	3.09	1.20	5.50	7.55	11.77	5.43	6.41	4.50	12.22	4.17	21.29	0.50	83.63	83.34
Greenvale	1.28	2.57	6.87	2.38	4.12	7.61	1.54	6.39	9.94	10.21	20.94	2.17	76.00	
Albert Town	6.80	0.50	6.01	5.05	13.60	5.46	10.09	7.65	17.87	4.75	28.29	2.81	108.88	80.41
Craighead	2.32	1.04	4.47	2.61	11.38	12.20	3.06	8.66	16.39	11.91	30.62	0.00	104.66	
Warsop	2.32	0.73	4.54	6.85	15.05	5.89	22.30	10.45	18.54	16.82	30.17	1.05	134.71	
Troy	3.00	1.44	6.43	8.87	14.57	6.77	11.41	8.08	17.25	13.47	20.30	2.25	113.84	98.31
Wallingford	1.53	3.22	10.91	8.67	11.54	9.63	7.77	7.99	11.63	10.08	16.00	2.62	101.59	85.74
Balaclava	1.68	3.24	11.39	7.43	11.05	11.58	10.22	8.50	11.87	8.72	15.17	2.50	103.85	78.53
Wakefield	2.10	0.21	2.01	5.51	7.08	1.48	9.05	3.22	5.85	7.25	20.16	1.91	65.83	
Aberdeen	1.31	1.33	10.86	9.46		7.96	9.20	8.91	10.85	12.41	13.24	0.84		
Maggotty	1.35	0.71	13.63	6.94	16.84	12.34	12.49	15.53	11.84	12.54	12.76	1.27	118.24	96.77
Lacovia	1.66	1.57	11.82	3.37	10.24	8.87	6.62	7.20	6.98	9.99	10.60	1.38	80.30	
Mulgrave	1.95	1.45	14.35	6.52	13.72	16.24	8.30	11.52	12.32	13.69	15.51	1.38	116.95	
Kempshot	2.19	0.77	3.17	5.45	8.84	5.56	11.82	5.39	4.64	6.41	22.10	2.41	78.75	77.29
Mocho, St. James	1.75	0.83	12.43	16.13	16.90	12.90	12.15	13.95	10.18	16.15	35.30	1.03	150.70	

## WEST-CENTRAL DIVISION, 1939, 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	1.10	0.39	7.58	10.14	14.49	12.72	9.89	16.30	10.88	8.99	18.35	0.87	111.70	105.15
Cambridge, St. James	0.80	0.47	6.19	8.53	11.24	13.65	8.37	10.43	9.80	10.91	16.17	0.53	97.14	93.87
New Market	1.50	1.51	15.67	7.12	25.07	15.64	15.23	9.37	13.19		16.49	1.83		93.87
Ginger Hill			16.66	7.41	11.90	12.68	8.73	12.44	11.43	12.33	13.81	0.18		
Springfield	2.21	1.52	12.80	9.17	16.78	14.75	17.20	12.91	13.42	15.32	17.85	1.85	135.78	
Kew Park	1.25	0.61	10.63	13.85	20.40	13.52	10.40	13.66	10.44	9.58	16.93	0.22	121.54	94.31
The Bog, New Market	1.81	1.14	15.69	8.75	23.37	15.27	15.07	8.18	14.34	12.85	15.16	1.33	133.02	104.93
Bethel Town Dist.	1.35	0.85	18.29	15.36	19.37	14.49	13.04	13.36	14.00	8.13	22.66	0.51	141.44	119.69
Burnt Ground	1.35	1.86	8.59	9.60	13.45	12.51	15.47	11.94	13.15	7.44	15.80	0.33	111.49	93.77
Darliston	1.41	1.35	16.73	12.08	19.57	16.41	14.18	21.84	19.47	18.19	21.93	2.43	165.59	116.61
Bluefields	1.16	1.22	8.05	8.93	12.51	16.64	12.11	10.37	15.43	11.59	9.90	0.83	103.74	94.77
Whithorn	1.24	0.25	9.91	11.35	19.57	17.32	7.65	16.25	9.33	11.92	1.23	2.10	108.12	95.13
Williamsfield (Westmid.)	2.82	2.01	13.55	20.16	13.83	16.50	10.98	14.43	8.54	9.07	1.71	0.98	114.58	
Water Works Pen	1.57	0.68	10.06	11.33	16.55	13.85	7.48	14.57	12.67	9.73	10.53	3.29	112.31	90.16
Baulk (Westmid.)	2.95	1.92	8.73	8.99	15.65	10.06	10.70	9.89	10.94	9.91	13.61	0.21	103.56	
Mount Eagle (Westmid.)	2.94	1.97	10.80	8.50	13.34	8.55	11.99	1.93	11.99	10.00	16.50	0.50	98.90	
Askenish	2.90	1.57	10.73	23.32	17.36	13.93	11.11	14.40	10.91	15.63	20.15	2.63	144.64	102.29
Grange Hill	2.94	0.29	9.21	9.41	13.26	10.06	9.58	8.68	13.96	9.93	13.32	0.71	101.35	99.50
King's Vale	0.49	0.86	3.54	13.44	0.03	5.32	8.72	8.92	8.31	6.56	6.92	2.72	74.83	87.33

## SOUTHERN DIVISION, 1939.

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.	5.23	0.27	1.44	2.40	5.64	5.16	1.39	1.23	3.15	14.15	17.48	5.98	63.52	66.77
Golden Grove	3.82					8.63	4.21	1.88	5.52	15.64	20.79	11.09		
Pleasant Hill	5.24	1.44	3.45	2.82	6.00	9.83	4.85	2.57	7.11	15.54	19.32	9.85	88.02	66.95
East Prospect	4.96	0.97	1.76	2.15	6.81	10.36	3.83	2.20	3.64	20.85	21.51	6.76	85.80	75.11
Morant Bay	2.51	0.57	0.92	1.96	4.73	7.89	3.69	1.17	2.19	18.21	23.37	0.87	68.08	67.25
Aeolus Valley	2.47	0.60	0.85	2.75	2.56	8.19	3.30	3.30	2.20	23.21	29.92	1.82	81.17	
Yallahs	0.52	1.20	0.30	1.34	1.19	6.50	1.48	0.23	1.76	22.65	23.93	1.35	62.43	
Easington	0.68	0.85	1.82	2.24	1.61	5.17	2.31	0.37	1.79	17.81	31.90	1.37	67.92	59.11
Mavis Bank	1.08	0.21	2.40	0.56	2.37	4.23	0.22	1.71	9.51	17.71	53.71	1.73	95.42	
Bull Bay	0.00	0.00	1.04	0.00	0.11	0.93	0.20	0.00	0.87	5.55	5.51	0.56	14.80	30.08
Dallas Castle	0.82	1.04	4.18	0.63	4.60	3.86	0.56	1.31	8.54	14.95	36.47	6.05	83.02	
Gordon Town	1.24	1.01	2.76	1.38	3.14	5.53	0.82	3.79	10.09	14.05	44.66	2.55	91.02	60.90
Irish Town	1.30	0.40	3.63	1.40	8.08	6.71	2.08	3.77	7.93	17.81	44.60	2.53	100.24	59.06
Hope Gardens	0.46	0.59	4.35	1.42	2.30	4.58	2.39	2.72	9.62	10.64	30.58	7.51	72.16	52.21
Iver	1.01	1.44	2.78	3.05	2.70		2.48			12.76				
Plumb Point L.H.	0.25	0.25	1.05	1.25	1.09	2.93	0.33	4.37	1.18	11.12	24.92	0.50	49.24	32.22
Barbican	1.01	0.40	2.61	2.69	2.13	2.34	2.35	1.74	3.90	11.01	27.15	0.63	57.96	
King's House Gardens	0.60	0.52	2.06	3.09	1.45	2.13	2.26	2.04	2.94	10.57	21.61	2.49	51.76	44.00
Cavaliers	0.90	0.72	2.87	2.35	2.12	3.37	2.16	1.60	3.54	10.41	25.45	0.60	55.09	
Constant Spring	0.99	2.29	2.80	4.18	5.31	5.55	3.29	6.56	7.56	10.57	30.26	6.69	86.05	
St. George's College	1.22	0.25	0.25	3.49	2.73	1.67	3.36	0.46	3.73	9.91	27.90	0.62	55.61	
Upper Kingston	0.83	0.38	2.37	2.05	2.78	2.06	2.66	0.94	3.29	10.31	30.38	0.80	58.86	26.18
Parade Garden	0.70	1.02	1.98	1.89	1.78	2.20	2.20	0.83	2.64	9.11	19.75	0.55	44.65	
Kingston, P.W.D.	0.59	0.73	1.73	1.81	1.38	1.61	2.80	1.33	2.82	9.09	25.97	0.52	50.38	31.56
Halfway Tree	0.25	0.27	1.98	1.84	1.70	3.02	0.58	1.68	2.17	11.21	25.69	0.95	50.34	36.60
Clifton Pen	0.54	1.14	2.29	1.76	3.53	2.16	2.10	1.65	8.36	15.91	34.08	0.95	74.47	33.48
Seward Pen	0.18		1.71	1.49	1.68				2.31	8.95	23.91	2.94		
Red Hills	1.07	0.89	3.97	5.92	4.83	3.54	7.29	5.49	10.13	18.18	25.56	3.27	90.14	
Quarantine Station	0.52	0.69	0.21	1.12	1.24	1.76	0.76	0.18	1.59	13.86	27.84	0.55	50.32	23.77
Hematine	0.61	0.65	0.20	2.34	0.46	2.14	1.33	3.16	3.23	9.63	28.43	0.89	53.07	36.72
Spanish Town	0.98	0.63	0.25	2.37	0.18	1.81	1.46	2.43	3.24	13.93	29.87	2.09	59.24	41.53
Hog Hole, St. Catherine	1.61	0.35	0.71	2.70	0.89	1.93	1.82	5.40	6.08	15.00	32.97	3.16	72.62	47.19
Old Harbour	1.68	0.99	1.43	3.02	0.28	1.89	3.60	10.17	5.34	13.82	34.19	2.53	78.76	49.37
May Pen	0.86	2.01	2.22	1.51	0.71	3.50	3.91	2.52	3.20	13.07	23.69	1.30	58.50	51.77
Glen Muir	0.41	0.60	1.90	1.50	0.60	3.50	3.30	2.00	2.65	12.05	24.30	0.40	53.21	
Cottage	2.63	0.63	0.95	0.60	0.61	1.63	1.07	1.07	4.62	14.98	20.33	1.17	50.29	
Belle Plain	0.97	0.51	3.48	2.82	1.60	3.01	4.37	2.81	5.38	14.81	30.33	0.71	70.80	
Milk River	2.27	0.51	1.84	1.15	0.85	2.17	2.30	0.45	3.28	10.95	19.57	2.02	47.33	45.49
Retrieve	1.88	1.53	2.31	1.33	0.62	2.21	2.34	1.49	2.76	10.50	9.51	0.58	37.11	44.09
Stone's Hope	1.95	1.27	3.41	2.14	1.85	3.92	3.39	3.47	6.45	8.21	23.02	0.86	59.94	66.17
Newport, Man.	2.23	0.89	4.09	1.53	2.23	6.64	3.80	6.43	7.13	9.52	23.45	1.39	69.33	68.22
Alligator Pond	1.17	0.86	3.79	0.05	1.21	0.44	1.36	2.85	5.72	10.42	14.05	1.51	43.43	40.73
Fairfield	1.65	3.97	4.94	1.61	7.05	6.91	2.14	5.55	6.70	10.38				62.66

SOUTHERN DIVISION, 1939, contd.

Station.	Jan.	Feb.	Mar.	April	May.	June	July.	Aug.	Sept.	Oct.	No v.	Dec.	Year.	Average.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Myersville	2.54	0.41	3.13	0.62	2.23	2.70				11.20				49.44
Southfield, St. Elizabeth	1.85	0.81	3.83	1.23	4.44	3.62	2.19	2.67	4.68	8.35	15.58	2.33	51.58	79.39
Munro	1.73	1.69	7.52	1.44	4.57	7.73	3.39	6.15	9.19	11.60	21.55	2.83	79.39	55.41
Windsor, St. Elizabeth	1.90	1.34	3.90	1.02	3.00	6.36	2.01	4.46	6.23	9.45	15.39	2.34	57.40	79.35
Torrington	2.75	1.86	13.71	1.91	13.36	9.50	7.92	16.21		9.83	18.65	3.11	79.35	
Santa Cruz	0.63	0.19	4.35	0.64	2.60	1.12	2.26	2.78	7.00	10.28	13.28	3.98	51.42	
Hounslow	0.65	1.05	6.64		1.90	7.56	4.62	7.21	6.01	8.89	11.41	3.76	44.64	32.07
Pedro Plains	1.27	0.27	2.24	0.43	1.12	0.62	1.29	3.44	6.11	6.27	8.70	1.68	33.44	45.09
Mountainside	3.33	0.13	4.27	3.47	6.71	6.19	5.85	6.13	2.87	6.38	11.77	1.82	58.92	50.95
Fort Charles	0.59	0.19	5.25	2.62	7.76	4.53	10.57	11.22	4.66	12.54	12.33	2.00	74.26	
Black River	2.75	0.35	5.95	5.70	7.65	7.25	11.10	7.35	3.05	9.40	12.05	3.30	75.90	57.64
Mount Charles	1.67	0.43	4.20	5.98	7.75	9.74	12.77	4.76	9.11	9.87	9.17	0.39	75.84	69.11
Font Hill	0.87	0.35	4.35	6.68	9.59	6.84	4.73	7.46	6.68	8.13	9.78	1.29	66.75	62.09
Mount Edgecombe	1.47	0.10	11.70	11.88	12.92	9.22	8.54	8.09	9.36	12.69	12.17	1.28	99.42	70.18
Sav.-la-Mar	1.23	0.15	8.43	6.50	12.53	10.76	6.75	8.43	5.38	8.48	9.84	0.23	78.71	69.97
Little London	1.22	0.19	4.67	7.40	5.93	7.32	6.01	5.63	5.11	5.63	9.55	1.18	59.84	54.09
Negril Point L.H.														

COMPARATIVE TABLE OF RAINFALL FOR 1939. (A)

Division.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1939.	Average 60 year.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
North-Eastern Division	5.02	1.48	4.57	5.02	5.39	6.36	4.38	2.60	4.80	11.76	40.18	8.04	99.60	99.54
Northern Division	3.16	0.96	3.38	4.01	4.50	3.62	3.51	3.12	4.66	5.99	19.62	3.36	60.09	56.68
West-Central Division	1.77	1.44	8.37	8.06	12.44	10.44	8.79	9.03	11.24	10.26	18.94	2.11	102.83	87.84
Southern Division	1.63	0.83	3.38	2.71	3.95	4.98	3.59	3.39	4.93	11.69	21.52	2.03	64.63	51.42
Means for 1939	2.89	1.18	4.97	4.93	6.57	6.35	5.07	4.54	6.41	9.93	25.07	3.88	81.79	
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	5.26		73.87

COMPARATIVE TABLE OF DAYS ON WHICH RAIN FELL.

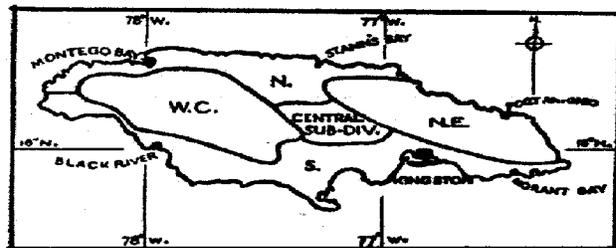
The Island.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Means for 1939	9	5	10	11	12	12	10	9	12	14	18	9	131
Averages for 35 years 1895-1929	8	7	8	9	12	10	9	11	13	14	12	9	122

MEAN RAINFALL FOR EACH PARISH, 1939. (B)

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	0.72	0.53	1.78	1.75	1.95	2.20	1.93	1.59	2.73	9.91	25.78	0.59	51.46	30.46
St. Andrew	1.69	0.91	3.94	3.15	5.43	5.61	3.75	4.32	7.01	14.74	34.30	3.15	87.60	68.47
St. Thomas	3.97	1.05	2.32	3.09	4.40	9.10	3.65	1.52	4.13	19.71	31.04	5.75	89.73	79.95
Portland	7.23	2.29	5.90	4.65	5.58	8.80	4.39	2.58	4.28	11.80	54.38	18.21	130.09	136.13
St. Mary	5.63	1.42	3.61	5.17	4.73	3.52	2.44	7.95	3.77	8.15	33.82	8.44	82.65	83.72
St. Ann	4.65	1.18	3.21	3.88	4.02	1.99	2.67	1.50	3.55	6.69	22.45	4.26	60.05	65.76
Trelawny	3.66	1.07	3.88	4.90	7.91	3.99	7.00	4.00	9.17	7.40	22.82	2.75	78.55	61.52
St. James	2.56	0.41	3.76	5.40	8.23	7.66	7.89	6.78	5.80	5.88	17.93	1.55	73.85	64.22
Hanover	2.40	1.49	6.13	12.44	11.04	7.42	7.63	8.00	9.02	6.30	12.95	2.71	87.28	81.25
Westmoreland	1.70	0.74	10.23	10.69	14.82	12.09	10.12	11.71	11.05	10.36	13.53	1.08	108.17	83.75
St. Elizabeth	1.71	1.16	8.94	4.13	8.94	6.25	7.64	8.39	8.87	11.01	14.37	2.02	85.43	65.74
Manchester	1.52	1.90	4.40	2.29	4.44	6.25	2.93	4.60	7.05	10.01	22.69	2.16	69.64	70.82
Clarendon	1.60	1.38	3.77	2.52	3.64	5.51	3.46	4.54	6.17	10.30	24.07	2.52	69.48	59.98
St. Catherine	2.11	0.72	3.99	4.40	3.58	4.89	4.28	4.70	5.84	10.40	25.56	2.80	73.21	64.75
Means 1939	2.94	1.16	4.71	4.89	6.34	6.23	4.99	4.73	6.32	10.16	25.34	4.14	81.95	72.62

TABLE OF GREATEST AND LEAST MONTHLY FALLS IN 1939.

Month.	Greatest Fall.		Least Fall.	
	Amount. Ins.	Place.	Amount. Ins.	Place.
January	15.92	Millbank	0.00	Bull Bay
February	5.46	Moore Town	0.00	Riversdale, Ewarton and Bull Bay
March	18.29	Bethel Town Dist.	0.20	Hematine
April	24.02	Cascade	0.00	Bull Bay
May	25.07	Newmarket	0.11	Bull Bay
June	23.89	Moore Town	0.22	Liberty Hill
July	22.30	Warsop	0.00	Huddersfield
August	21.84	Darliston	0.00	Lennox, Hampstead and Bull Bay
September	19.84	Wait-a-Bit	0.87	Bull Bay
October	28.71	Fruitful Vale	1.08	Liberty Hill
November	94.92	Comfort Castle	1.23	Whithorn
December	34.22	Balcarres	0.00	Craighead
Year	231.77	Comfort Castle	14.80	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 1939.

## METEOROLOGICAL—JAMAICA.

## CLIMATIC CONDITIONS.

*Precipitation.*

The Island total rainfall mean for the year 1939, shewed an excess of 7.92 inches, as compared to the 60-Year average of 73.87 inches. The 12-months total for 1939, was 81.79 inches, or more than 20 inches above that of year 1938. The 7th decade 1930-1939 gives a mean result of 80.25 inches as against the 60-year average of 73.87 inches, representing an excess of 6.38 inches. The preceding decade 1920-29 was nearly 9 inches below the normal. The combined mean of these two decades (1920 to 1939) gives 72.5 inches or about 1.3 inch below the 60-Year period. In November, 1939, the Island rainfall gave 25.07 inches which is about three times the average for November. The rainfall (1939) January to June totalled 26.89 inches and the latter half of the year—July to December, totalled 54.90 inches or about twice that of the first half year. The months of March, April, July and November gauged above their normals, the remainders of the months were below. The mean annual total number of days with appreciable rainfall was 131 for the Island, as compared to the 35-Year of 122. The November mean days was 18 as against its average of 12.

The following data presents 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 shewed a deficiency of 1.10 inch. All four Divisions were below normal. The North-eastern Division, although below its normal, gauged 5.02 inches. The Southern Division, recording the least with only 1.63 inch. Most of this restricted rainfall appears to have occurred during the latter part of the month. The greatest total fall for the month was 15.92 inches at Millbank in the North-eastern Division. The heaviest fall in 24 hours was 6.23 inches at Comfort Castle in the same Division, on the 22nd.

The mean number of days, with rain was 9, the normal being 8. Moore Town, Pleasant Hill and East Prospect had most with 21 days each.

The parish of Portland recorded the most precipitation was 7.23 inches, and the parish of St. Mary with 5.63 inches second, St. Ann with 4.65 inches was third. Kingston with only 0.72 inch was lowest. Six parishes gauged less than two inches.

*February*—The precipitation for the Island was much below the average in each of the Division, giving a mean of only 1.18 inch, as compared with the 60-Year normal of 3.13 inches. The Northern Division shewed a mean of 0.96 of an inch, and the Southern Division only 0.83 of an inch. But February is also noted for being the month giving the least Island rainfall. The greatest total fall for this month was 5.46 inches at Moore Town in the North-eastern Division, and the heaviest fall in 24 hours was 3.04 inches at Wallingford in the West-central Division on the 24th. No rainfall was reported from Riversdale, Ewarton and Bull Bay.

The mean number of days with rain was 5, the average for the month being 7. Moore Town, Hope Bay, Bull Bay and Windsor Castle in the North-eastern Division with 13 each, had most.

The parish of Portland recorded the most rainfall with 2.29 inches, Manchester with 1.90 inch was second and Hanover with 1.49 inch was third. Then St. James with only 0.41 of an inch was lowest.

*March*—The mean monthly rainfall for this month was above the average, shewing 4.98 inches as against the 60-Year average of 3.35 inches. The greatest total fall for the month was 18.29 inches at the Bethel Town District in the West-central Division, and the heaviest fall in 24 hours was 4.06 inches at Darliston in the same Division on the 18th. The West-central Division recorded a mean of 8.37 inches, which is about double its normal.

The mean number of rain days was 10, the average for the month being 8. The greatest number was 20 at Boon Hall in the Wag Water Valley, North-Eastern Division.

The parish of Westmoreland with 10.28 inches was highest, St. Elizabeth with 8.94 inches second, and Hanover with 6.13 inches third. Kingston with only 1.78 inch was lowest. All the parishes, with the exception of Portland and St. Mary were above the average.

*April*—The Island mean monthly rainfall was slightly above the average, being 4.94 inches as compared to the 60-year average of 4.77 inches. The North-eastern and Southern Divisions were deficient, but the Northern and West-central Divisions shewed an excess. The greatest fall for the month was 24.02 inches recorded at Cascade in the Northern Division and the heaviest fall in 24 hours was 6.00 inches at Mocho in the parish of St. James.

The heaviest precipitation appears to have occurred during the first week, particularly from the 1st to the 4th. The mean number of days on which rain fell was 11, as against the average of 9. The greatest number was 24 at Darley in the North-eastern Division.

The parish of Hanover recorded the highest mean, with 12.44 inches, followed by Westmoreland with 10.69 inches. The lowest was at Kingston with 1.75 inch.

*May*—The "Season" rains for the Island were deficient, giving 6.57 inches as against the 60-Year normal of 8.77 inches. The West-central, however, was slightly above the average, but was well distributed, for the mean number of days with appreciable rain was 12, corresponding with the average. The greatest number was 25 at each of the following stations, Kendal and Burnt Ground in Hanover, Whithorn and Williamsfield in Westmoreland.

The greatest total rainfall for the month was 25.07 inches at Newmarket in the West-central Division, and the heaviest fall in 24 hours was 4.73 inches at the Bog in the same Division on the 22nd.

The parish of Westmoreland had the greatest monthly fall with 14.82 inches followed by Hanover with 11.04 inches. Kingston with only 1.95 inch gauged the least.

*June*—The Island mean rainfall was very nearly the average, being 6.35 inches, as compared to the 60-year normal of 6.53 inches. The West-central and Southern Divisions were above their averages, but the North-eastern and Northern were below their averages.

The greatest total fall was 23.89 inches at Moore Town in the North-eastern Division and the heaviest fall in 24 hours was 4.50 inches at Wait-a-bit in the West-central Division on the 18th. The mean number of days with rain was 12, which shews 2 more than the average. Bethel Town in the West-central Division, had the most with 25.

The Table of the mean rainfall for each parish shews that the parish of Westmoreland was the highest, with 12.09 inches, followed by St. Thoms with 9.10 inches. St. Ann with only 1.99 inch was lowest.

*July*.—The mean rainfall for the Island was above the average in all the Divisions, except the North-eastern. The general mean being 5.07 inches against the average of 4.75 inches. The greatest total fall for the month was 22.39 inches at Wassop in the West-central Division, and the heaviest fall in 24 hours was 4.14 inches at the Bog, in the same Division on the 17th.

The mean number of days with appreciable rain was 10, the average for the month being 9. The greatest number being 21 at Grange Hill and Mount Eagle, in the West-central Division.

The parish of Westmoreland shewed the greatest mean fall of 10.12 inches, followed by St. James with 7.89 inches, and the least was at Kingston with only 1.93 inch.

*August*.—This month shews a deficiency of precipitation with 4.54 inches, as against the 60-Year normal of 6.93 inches, possibly owing to the absence of weather disturbances in the vicinity of Jamaica and the Caribbean Region. The greatest total fall for the month was 21.84 inches at Darliston in the West-central Division, and the heaviest fall in 24 hours was 5.00 inches at Mount Cressy in the North-eastern Division on the 16th.

The mean number of rain days was 9, the average for the month being 11. Darliston in the West-central Division, had 24, being the most.

No rainfall at Lennox and Hampstead in the North-eastern Division, and at Bull Bay in the Southern Division.

Taking the parish rainfall, Westmoreland for the 5th occasion, from January, had the most with 11.71 inches, followed by St. Elizabeth with 8.39 inches and St. Ann with only 1.50 inch was the lowest.

*September*.—The Island mean rainfall was 6.41 inches as against the 60-Year average of 7.94 inches, which is somewhat below the average, but the West-central Division was slightly above the normal.

The greatest total fall for the month was 19.84 inches at Wait-a-bit in the West-central Division, and the heaviest fall in 24 hours was 4.44 inches at Hermitage in the North-eastern Division on the 9th. The mean number of rain days with 12 or one less than the average. The greatest number was 25 at Bethel Town District in the West-central Division.

The parish greatest rainfall is again claimed by Westmoreland with 11.05 inches, followed by Trelawny with 9.17 inches. The least was 2.73 inches at Kingston.

*October*.—The "Season" rains for this month shewed 9.93 inches, as against the 60-Year average of 10.21 inches, the deficiency was therefore slight. The north-eastern and Southern Divisions were above, and the Northern and West-central Divisions below their averages.

Heavy and continuous rains, accompanied by high winds occurred during the last few days of the month due to the proximity of a weather disturbance to the North-west of Montego Bay, which caused much damage to roads and cultivations.

The greatest total fall for the month was 28.71 inches at Fruitful Vale in the North-eastern Division, and the heaviest fall within 24 hours was 10.00 inches at Barrett's Gap on the 29th in the same Division. The mean number of days on which rain fell was 14, which is the average for this month. Darliston in the West-central Division with 26, had most.

The parish with the greatest rainfall was St. Thomas with 19.71 inches, which is about 23% above its average, followed by St. Andrew with 14.34 inches. The parish of St. James had the lowest with 5.88 inches.

*November*.—The Island mean rainfall gave 25.07 inches as compared to the 60-Year normal of 8.29, or about three times the normal. This phenomenal precipitation occurred chiefly during the first week of the month, owing to the proximity of a weather disturbance to the North-west of Jamaica on the 2nd November, causing considerable damage to roads and cultivations. Heavy rains again fell on the 17th and 18th due to a second weather disturbance in the vicinity of the North-west of the Island.

The greatest total fall for the month was 94.92 inches at Comfort Castle, in the North-eastern Division. Other large totals were 94.89 inches at Balcarres, 76.58 inches at Castleton, 71.83 inches at Mount Holstein, all in the North-eastern Division. Several other Stations received totals of over 60 inches.

The heaviest fall in 24 hours was 20.60 inches at Mavis Bank in the Southern Division, on the 2nd. Seven Stations recorded falls of over 10 inches in 24 hours.

The mean number of rain days was 18, the average for the month being 12. Darley and Hardware Gap in the North-eastern Division, had rain on the 30 days of this month.

The parish of Portland had the greatest rainfall of 54.38 inches, followed by St. Andrew with 34.30 inches. Hanover with 12.65 inches was lowest.

*December*.—The mean rainfall was much below the average in all the Divisions. The greatest total fall for the month was 34.22 inches at Balcarres in the North-eastern Division and the heaviest fall in 24 hours recorded was 9.30 inches, at Comfort Castle in the same Division on the 5th. No rain fell at Craighead in the West-central Division.

The mean number of rain days was 9 which is the average for the month. Comfort Castle and Mount Holstein, both in the North-eastern Division had most with 26 each.

The parish of Portland recorded the greatest monthly mean of 18.21 inches, followed by St. Mary with 8.44 inches. Kingston had the least with only 0.59 of an inch.

#### THE ISLAND RAINFALL FOR THE YEAR 1939.

The total mean rainfall, derived from the twelve monthly averages, covering the four Divisions of the Island, was 81.79 inches, as compared to the 60-year Island rainfall normal of 73.87 inches. The parish of Portland gauged the greatest total fall with 130.09 inches, followed by Westmoreland with 108.17 inches. The parish of Kingston had the least with only 30.45 inches.

Taking the year's rainfall as 81.79 inches (as given in Table A) it will be found that the first half of the year totalled 28.89 inches, and the 60-year average for this period is 30.55 inches, or slightly below the average. Then the second half of the year totalled 54.90 inches and the 60-year average for this period 43.32 inches, shewing an aggregate rainfall 11.58 inches in excess, or about 27% above this normal.

Then for the year the excess was 7.92 inches, or about 11% above the average.

Taking the year's rainfall at 81.79 inches, with an average total of 131 rain days in 1939, we derive a daily average of 0.62 of an inch.

Table (A) giving the Island rainfall for the year 1939 and Table (B), the Mean rainfall for each parish for the 12 months, are to be found on Page 6.

It may be here stated, in advance of the publication being prepared entitled the "Jamaica, 70-year Rainfall," that the last decade 1930-1939 resulted in an annual mean of 80.25 inches (approx.) as compared to the 70-year estimated mean of 74.78 inches. This figure is the highest of seven decades. The high result for 1930-39 arose from the phenomenal floods in the year 1933.

The 60-Year normal being 73.87 inches is about 0.97 of an inch less than the 70-year period mean.

#### WEATHER DISTURBANCE FOR THE YEAR 1939.

In July, August and September, there were no marked weather disturbances in the Caribbean Region, within the barometric range of Jamaica.

*October*—In the afternoon of the 31st there were indications of a weather disturbance developing to the westward of Negril Point, giving a pressure gradient of 0.082 of an inch between Kingston and Negril. Storm warnings were issued over the Island at 3.40 p.m. on the 31st.

*November*—The disturbance at the end of the preceding month, pursued on a track between Cuba and Jamaica. The United States Weather Review for November delineated the course as the centre passed about 50 miles to the North-west of Montego Bay, possibly of hurricane force at its centre.

On the northern coastal region of Jamaica, considerable damage was experienced by cultivation, and farm structures suffered damage. Heavy sea were reported to the west of Negril and on the northside.

The lowest barometric pressure at North-west of Jamaica did not exceed 0.07 of an inch. Therefore, the disturbance could hardly be regarded as of full hurricane force.

General details appeared in the Jamaica Weather Report No. 764 for November, 1939.

Heavy rainfall occurred at the time of this disturbance.

#### OTHER PHENOMENA.

*Hailstorm*.—A moderate fall of hail occurred at Colonel's Ridge, Clarendon, on the 5th of June.

*Northers*.—At Negril Point brisk North-west winds were observed throughout January.

*Earthquakes*.—There was only one slight earthquake experienced during the year, taking place at Sav.-la-Mar, on the 6th of February at 3 a.m. There is evidence of a notable diminution of seismic activity, of late years in Jamaica.

*Solar Halos*.—There was a brilliant Solar Halo seen at Kingston on the 3rd of May near to noon, and partial ones seen on 6th and 19th May.

*Lunar Halo*.—A complete Lunar Halo was seen at Kingston on the 19th October.

*Water Spout*.—A Water Spout was observed about 10 miles distant from Negril Point Lighthouse on the 3rd October at 8 a.m.