

No. 194.



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JAMAICA RAINFALL,

FOR THE

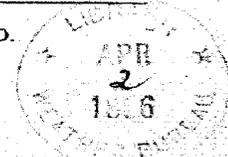
YEAR 1894.

NORTH EASTERN DIVISION.

STATIONS.	Jan.	Feb.	Mar.	April	May	June	July	Aug	Sept.	Oct.	Nov.	Dec.	Year.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	-n.
ST. THOMAS.													
Hordley	6.91	7.42	4.03	2.61	16.11	5.68	6.09	4.12	2.42	14.13	9.30	8.86	87.68
PORTLAND.													
Manchioneal, P.W.D.	3.26	6.54	2.50	5.80	35.25	10.09	6.65	4.56	4.74	34.27	13.00	21.45	148.47
ST. THOMAS.													
Bath, P.W.D.	4.21	6.78	3.57	3.87	15.52	6.22	9.54	5.76	4.36	18.68	8.97	9.00	96.48
PORTLAND.													
Port Antonio P.W.D.	6.26	3.10	2.80	2.63	25.89	10.36	10.33	3.37	3.10	18.93	17.09	38.18	142.04
Fellowship, P.W.D.	6.07	6.25	4.06	8.04	33.37	11.56	16.29	3.86	4.25	16.97	29.06	36.72	176.50
Blue Mountain Peak	9.45	16.30	9.75	9.10	18.20	6.60	6.70	1.72	7.60	18.35	19.40	22.63	145.77
ST. THOMAS.													
Cedar Valley, P.W.D.	.98	2.97	2.04	3.15	14.99	9.58	6.96	.97	9.33	36.23*	4.45	9.62	101.27
ST. ANDREW.													
Cinchona Plantation	2.64	8.41	7.00	12.50	22.52	6.66	3.57	50	12.09	22.56	8.39	11.68	118.52
PORTLAND.													
Buff Bay, P.W.D.	8.13	3.20	1.61	14.29	14.26	5.40	5.90	2.09	3.06	8.95	14.67	22.33	103.95
ST. ANDREW.													
Cold Spring	2.85	3.60	3.94	12.80	17.62	.15	3.93	2.35	9.81	17.27	3.26	8.80	86.43
Hardware Gap	3.30	6.91	3.45	10.74	23.10	2.10	6.60	4.90	8.55	17.00	5.40	10.80	102.85
Rose Hill	1.70	3.47	2.76	13.79	18.81	1.84	7.13	3.65	4.26	14.04	2.12	6.28	89.85
ST. MARY.													
Annotto Bay, P.W.D.	4.44	1.75	1.65	5.24	10.94	2.73	4.44	2.11	4.72	10.83	8.49	17.72	75.06
ST. ANDREW.													
Stony Hill Reformatory	.85	2.01	2.37	7.90	15.31	2.78	6.96	5.28	7.83	12.78	2.95	3.69	70.71
Belle Vue	.64	2.53	4.21	5.34	15.33	3.75	...	3.58	7.52	11.23	2.60	...	...
ST. MARY.													
Castleton Gardens	3.33	7.86	4.21	4.31	19.38	4.30	10.11	2.64	9.78	16.41	5.12	10.80	98.25
ST. ANDREW.													
Lawrence's Tavern, P.W.D.	1.66	3.80	4.10	6.26	16.63	.40	8.83	9.49	5.63	6.88	1.47	4.86	70.04
ST. MARY.													
Albany, P.W.D.	3.96	3.34	1.11	4.25	13.99	2.86	2.87	1.03	3.79	7.89	10.90	12.65	65.64
Quebec	4.83	.71	3.08	2.85	5.50	1.53	3.33	1.20	1.84	6.98	18.16	21.93	71.99
Richmond, P.W.D.	4.92	2.42	2.39	2.58	14.43	2.32	2.11	1.29	3.94	14.90	6.07	8.70	66.07
Highgate, P.W.D.	3.41	2.32	1.66	3.17	16.70	2.63	2.43	.76	3.39	10.03	8.30	11.14	65.94
(Gayle)	3.30	3.00	6.40	1.70	17.60	2.50	2.15	1.10	2.90	10.70	8.70	16.20	76.25
Lucky Hill, P.W.D. †	3.46	4.37	3.49	1.46	13.55	4.30	2.87	.59	2.93	...	...	...	...
Gayle, P.W.D.	...	...	...	...	...	...	...	...	...	8.11	6.93	11.33	...
ST. ANN.													
Rio Hoe	2.22	4.16	3.17	.67	13.87	2.92	3.11	1.68	10.25	10.08	4.66	7.31	64.10
Unity Valley	1.84	4.49	4.36	3.94	16.51	2.13	9.52	3.19	17.31	20.82	2.88	6.76	93.75
Monagnone, P.W.D.	2.56	3.63	3.67	1.80	14.96	2.00	7.11	2.95	12.09	17.55	3.19	6.88	78.39
Claremont	1.52	5.05	3.69	3.04	13.49	3.42	6.37	1.11	8.24	8.62	5.78	9.91	70.24
Albion	2.48	3.43	4.30	3.17	12.97	3.47	5.41	3.66	6.94	8.18	5.06	7.99	67.06
Averham Park	3.39	4.47	5.47	2.04	14.83	2.45	5.60	.61	5.11	7.66	7.53	13.53	72.69
Ballintoy	1.39	2.42	5.27	4.59	11.79	1.26	5.89	8.10	8.90	8.22	3.75	6.02	67.60
Means	3.54	4.58	3.74	5.45	17.11	4.14	6.17	2.94	6.89	14.51	8.26	13.23	90.56

* Gauge overflowed.

† At the end of September the gauge at Lucky Hill P.W.D. was removed to Gayle P.W.D.



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March 28, 2002

JAMAICA RAINFALL—NORTHERN DIVISION.—1894.

STATIONS.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
ST. MARY.													
Port Maria, P.W.D. ...	3.71	1.57	3.61	3.80	13.72	2.32	3.86	2.10	1.15	6.02	16.82	15.45	74.13
ST. ANN.													
Drax Hall ...	2.04	1.78	3.46	3.07	13.88	2.07	2.20	.37	2.37	6.13	14.52	13.09	64.98
St. Ann's Bay, P.W.D. ...	2.71	1.21	3.29	2.65	15.02	2.03	2.65	.44	2.17	6.29	15.08	11.84	65.38
Seville ...	1.77	1.53	2.29	1.65	14.03	1.40	2.25	.70	1.70	6.36	15.64	11.65	60.97
Richmond Estate ...	3.13	...	5.85	1.52	19.53	2.75	...	...	...	10.45	...	...	...
Llandoverly ...	2.25	1.10	3.95	1.05	13.77	2.92	3.10	.00	1.10	7.85	12.90	8.35	58.34
Brown's Town, P.W.D. ...	2.39	3.82	3.72	2.15	14.18	3.00	4.56	1.47	5.07	8.18	5.26	8.98	62.78
Home Castle ...	2.92	2.27	2.62	1.18	12.58	1.72	4.54	.40	2.41	5.56	4.67	6.66	47.53
Richmond Pen ...	.95	.95	5.70	5.60	11.54	1.26	6.25	2.90	4.23	9.55	3.50	7.70	60.13
TRELAWNY.													
Mahogany Hall ...	.74	2.47	2.45	2.80	13.31	2.12	3.76	6.68	6.09	11.04	3.27	5.51	60.24
Braco ...	.45	.41	1.65	.97	7.70	1.05	.52	.10	3.01	3.66	4.63	5.55	29.70
Arcadia ...	.33	1.33	1.29	1.87	8.30	1.09	1.70	.28	4.26	5.07	4.62	0.89	37.03
Arcadia Great House ...	...	...	...	...	8.49	...	...	.27	5.40	4.25	4.35	5.35	...
Harmony Hall ...	3.82	.37	1.46	2.22	9.84	1.38	.40	.00	5.09	4.77	4.59	5.24	39.18
Lancaster ...	3.53	.66	1.98	1.61	8.99	1.07	1.06	.43	5.38	4.60	5.10	5.74	40.15
Vale Royal ...	2.96	1.56	2.80	2.25	9.16	1.32	2.07	.80	5.48	6.71	4.40	7.75	47.26
Colchis Pen ...	.28	.56	.90	3.23	18.93	1.46	6.11	7.51	8.30	13.60	4.04	7.92	72.84
Hyde ...	1.99	1.68	2.88	4.09	13.82	5.08	6.70	6.11	5.52	6.21	5.58	6.67	66.33
Steelfield ...	2.30	1.42	2.20	1.52	9.21	2.25	3.15	1.24	3.62	4.63	3.31	4.13	38.98
Oxford ...	2.35	.87	1.65	.60	10.95	2.55	3.80	.70	2.25	7.90	3.00	4.30	40.92
Cambridge ...	1.63	1.85	1.60	.64	11.00	3.47	5.64	1.60	5.88	7.16	4.25	5.06	49.78
Dry Valley ...	2.75	.50	2.25	.68	8.65	2.35	1.70	...	...	...	...	...	...
Lottery ...	1.68	1.40	1.35	.63	9.14	2.30	4.32	1.46	5.93	8.78	2.35	6.16	45.60
Falmouth ...	4.20	.50	3.20	1.80	12.83	3.00	3.80	.50	3.33	9.55	3.25	7.82	53.73
Falmouth, P.W.D. ...	2.72	.25	1.37	1.36	9.77	1.30	2.37	.08	1.93	8.37	2.10	3.96	35.53
Fontabelle ...	.44	1.24	2.25	1.32	10.82	2.19	5.50	2.63	8.34	9.20	3.05	4.25	51.23
Holland Pen ...	2.76	.70	2.30	1.59	9.80	1.15	4.26	.43	3.19	8.92	2.96	6.43	44.49
Golden Grove ...	.55	1.30	3.45	1.80	16.90	4.05	4.70	1.80	3.35	10.25	2.75	6.60	57.50
Green Park ...	3.20	.82	2.20	2.23	10.46	.95	2.25	.00	4.71	12.57	2.16	8.03	49.58
Tilston ...	1.50	1.00	3.90	2.90	14.15	3.90	2.00	1.35	5.15	11.55	2.35	6.75	56.50
Weston Favel ...	1.41	3.00	3.57	.21	14.77	4.50	5.75	1.38	6.08	13.05	2.06	5.80	61.68
Orange Valley ...	2.96	.30	.75	.85	10.90	1.45	2.39	.38	4.00	12.02	2.38	7.08	45.46
Kent ...	3.47	.30	3.60	2.15	8.40	2.16	2.29	.00	3.60	10.35	2.75	5.55	44.62
Dundee ...	2.50	1.08	1.22	3.32	11.15	3.54	1.41	1.02	3.93	10.32	2.27	5.58	48.34
Phoenix ...	1.49	2.80	4.42	3.50	16.80	4.24	3.37	1.31	5.69	12.22	2.87	5.74	64.45
Gales Valley ...	.55	2.35	4.70	3.20	16.40	4.00	4.80	2.20	5.80	14.00	1.30	5.70	65.00
ST. JAMES.													
Greenwood ...	4.02	.75	2.57	2.00	11.90	2.59	2.52	.00	3.49	7.78	2.46	4.89	44.97
Canaan ...	2.13	1.62	1.14	1.78	12.48	1.92	1.40	.96	3.33	5.55	2.62	3.22	38.15
Gullsbro ...	1.05	2.00	2.98	1.55	11.64	1.30	3.95	1.26	3.97	8.05	2.67	4.97	45.17
Cinnamon Hill ...	3.29	.33	1.13	1.95	9.18	1.12	2.64	.00	2.96	9.09	4.36	4.50	40.55
Rose Hall ...	4.30	1.30	1.25	1.18	7.68	1.35	2.20	.25	2.44	7.88	4.81	4.40	39.01
Running Gut ...	4.50	.57	.32	1.10	8.30	.50	1.92	.00	4.20	10.00	4.20	3.35	39.46
Spring ...	3.80	.50	1.60	.30	10.15	.65	2.20	.10	4.10	8.95	4.05	3.10	39.50
Ironshore ...	4.20	.00	2.60	.90	11.30	1.10	1.75	.00	3.35	8.10	3.70	2.90	39.90
Providence ...	3.25	.47	2.17	.42	10.47	1.02	...	.25	2.82	7.87	4.27	2.60	...
Montego Bay, P.W.D. ...	2.15	1.66	3.23	2.95	10.07	1.73	5.07	2.90	1.98	9.39	1.69	3.06	45.88
Catherine Hall ...	3.25	2.90	4.50	3.05	11.80	2.10	3.75	4.20	3.30	13.25	2.15	3.30	57.55
HANOVER.													
Round Hill ...	2.10	1.45	1.80	.75	8.15	3.85	2.00	2.35	2.40	7.35	.90	2.25	35.35
Sandy Bay, P.W.D. ...	1.94	1.36	3.57	2.13	11.25	3.85	8.02	4.53	3.29	6.81	1.54	2.54	50.83
Kew ...	2.00	1.19	6.05	1.54	9.31	9.05	6.69	4.57	...	...	...	...	...
Lucas, P.W.D. ...	.85	1.39	5.94	.64	12.38	7.16	2.49	2.24	1.98	5.61	2.20	2.02	44.90
Haughton Court ...	.75	1.50	6.16	.65	14.62	9.89	4.72	2.73	4.23	7.48	1.93	4.32	58.98
Orange Cove ...	.59	1.68	8.45	.64	17.22	9.99	3.38	2.32	3.37	...	...	...	...
ST. CATHERINE.													
Head Works, R.C.C. ...	.00	1.90	1.95	6.25	17.37	3.49	1.26	3.70	4.58	12.72	.47	2.13	55.82
Linstead, P.W.D. ...	1.88	3.02	3.02	3.27	22.09	6.24	4.99	5.20	12.62	23.38	7.14	3.70	96.55
Point Hill, P.W.D. ...	...	...	...	...	...	.73	5.69	6.00	14.50	19.54	3.14	3.65	...
Harkers Hall, P.W.D. ...	1.10	3.98	3.75	6.52	18.95	3.46	14.20	9.08	11.98	18.63	3.14	3.28	93.18
CLARENDON.													
Chapelton, P.W.D. ...	1.26	.46	1.57	6.59	17.04	4.13	7.22	7.00	11.48	18.00	2.58	4.98	82.31
Danks-Savoy ...	1.12	.48	1.51	9.34	16.02	3.36	7.70	5.75	10.62	16.28*	2.17	3.82	77.97
ST. ANN.													
Cave Valley ...	.91	1.17	5.77	12.85	17.84	2.11	4.21	6.41	11.47	8.51	2.72	2.79	76.76
Means	2.15	1.34	2.92	2.42	12.48	2.81	3.78	2.08	4.81	9.34	4.27	5.64	54.04

* Gauge overflowed.

JAMAICA RAINFALL—WEST CENTRAL DIVISION, 1894.

STATIONS.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
MANCHESTER.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Farm Plantation ...	.59	2.65	2.65	8.14	24.74	4.43	10.31	3.47	8.81	25.70	3.45	2.76	97.70
Brockenhurst Plantation...	1.40	2.95	2.00	5.20	19.00	20.95	3.60	2.70	8.85	16.72	3.60	2.00	88.97
Christiania, P.W.D.	1.19	1.70	3.20	14.60	13.59	3.43	6.12	6.33	13.27	8.88	4.94	3.88	86.13
Kendal ...	.60	1.21	2.42	17.93	21.80	9.55	7.64	3.61	9.97	17.70	4.88	3.19	100.50
Mandeville, P.W.D.	1.12	2.29	2.90	9.13	24.51	6.12	9.18	1.64	9.95	20.29	4.72	5.14	96.99
Marshall's Pen ...	2.58	1.17	5.01	18.64	27.01	5.83	11.19	3.00	11.44	16.93	4.99	5.17	112.96
TRELAWNY.													
Ulster Spring, P.W.D. ...	.65	1.44	3.48	14.15	21.02	3.18	6.59	7.31	6.30	9.06	2.91	7.21	83.30
Troy ...	.41	1.64	5.57	18.52	23.76	3.80	9.61	12.24	11.77	12.66	3.02	6.51	114.51
Windsor Pen ...	.55	1.54	3.05	4.31	16.89	5.41	6.09	6.81	8.62	10.08	4.17	5.25	72.77
St. ELIZABETH.													
Balaclava, P.W.D. ...	.50	.83	4.75	21.63	19.92	1.66	10.57	10.79	17.22	11.59	4.44	3.80	107.70
Eliu ...	.23	1.30	4.20	25.95	30.03	3.58	10.42	12.22	14.15	18.60	14.36	5.03	140.07
Appleton ...	3.15	1.35	4.47	11.79	21.78	2.19	8.68	10.58	14.37	11.80	5.62	3.62	99.40
Maggotty, P.W.D. ...	1.84	4.18	4.01	12.96	19.49	2.74	8.25	13.38	13.36	11.12	4.15	3.85	99.33
St. JAMES.													
Spring Vale ...	1.27	3.10	4.24	6.51	24.04	7.16	10.04	9.14	8.01	13.87	3.11	6.03	96.52
Kempshot ...	2.03	2.75	4.43	6.54	16.75	5.04	8.69	8.33	5.48	9.02	4.64	5.96	79.66
St. ELIZABETH.													
Kepp ...	3.13	2.73	7.78	10.84	36.23	4.85	11.50	15.47	14.06	13.13	8.20	3.78	131.71
WESTMORELAND.													
Kew Park ...	1.90	2.59	5.39	9.73	16.60	7.93	11.89	10.63	8.20	12.77	4.26	2.90	94.79
St. JAMES.													
Mount Carey, P.W.D. ...	.70	1.94	2.80	3.90	8.20	4.62	7.95	4.83	5.89	8.37	2.03	2.80	51.03
WESTMORELAND.													
Darliston, P.W.D. ...	1.92	4.86	7.50	11.56	27.71	6.68	17.10	9.43	12.70	11.28	6.38	4.61	121.73
New Galloway, P.W.D. ...	1.74	3.24	5.30	8.03	24.71	7.16	13.51	12.87	13.05	7.75	6.02	2.18	105.56
HANOVER.													
Lethe Bridge ...	.45	2.67	3.70	6.15	15.71	7.45	7.89	5.53	7.28	12.77	2.40	4.35	76.35
Cacoon Castle ...	.44	2.15	4.35	7.14	16.86	7.23	9.41	13.84	5.63	14.09	1.74	4.99	87.88
Golden Grove ...	...	2.00	6.40	13.93	20.84	...	...	...	...	...	...	...	...
Great Valley ...	1.16	2.87	4.91	5.06	18.41	7.88	12.25	10.61	7.86	11.44	3.22	4.97	90.64
Brownsville ...	...	...	...	...	...	...	...	...	...	11.35	3.15	5.09	...
WESTMORELAND.													
Georges Plain Estate ...	.80	3.49	7.87	5.94	14.79	6.94	7.28	6.62	7.13	10.99	5.51	2.66	80.07
Fontabelle ...	1.04	3.07	5.08	5.60	17.53	6.47	7.92	8.88	7.74	10.37	5.80	2.82	82.32
Morgan's Bridge, P.W.D.	1.47	2.58	5.02	7.93	17.39	8.57	11.31	7.68	8.47	12.70	6.44	3.22	92.83
King's Valley ...	1.92	...	...	...	...	15.03	...	...	...	...	...	...	...
Abingdon ...	3.38	1.45	6.95	1.05	21.35	9.10	6.85	5.80	6.40	11.60	4.85	1.50	83.28
Means	1.36	2.35	4.62	10.46	21.20	6.61	9.42	8.30	9.75	13.03	4.75	4.08	95.93

JAMAICA RAINFALL—SOUTHERN DIVISION, 1894.

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
ST. THOMAS—													
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Morant Point, L. H. ...	3.72	4.49	1.61	1.87	11.46	2.36	3.22	2.54	.87	13.21	4.01	11.35	60.71
Morant Bay, P.W.D. ...	1.15	3.76	.86	1.23	10.60	5.58	5.77	2.94	2.28	15.98	3.79	6.04	59.98
Easington, P.W.D. ...	.00	2.53	1.35	2.60	14.46	4.80	7.29	1.60	4.69	20.34	1.75	5.30	66.71
Abbey ...	.70	2.17	2.30	2.45	11.75	3.40	5.25	.55	5.43	21.25	2.93	7.00	65.18
ST. ANDREW—													
Bull Bay, P.W.D. ...	.00	.32	.10	.66	3.09	2.27	2.31	.33	1.95	11.52	.90	.50	23.96
Gordon Town ...	.80	1.60	.80	8.14	12.50	.63	2.72	.85	6.34	15.27	2.55	7.06	59.26
Hope Gardens ...	.38	1.76	.73	4.76	11.20	2.93	2.34	5.51	4.25	10.11	2.60	4.20	50.82
Hope Reservoirs ...	.15	1.48	.65	4.36	6.25	1.88	2.59	4.96	3.31	11.31	1.88	3.27	42.09
Cherry Garden ...	...	...	...	...	...	...	...	...	...	...	...	...	...
King's House ...	.17	1.30	.83	2.31	11.32	1.10	4.75	2.37	3.41	14.20	1.50	4.05	47.31
Cavaliers ...	.00	.93	.34	1.03	6.60	1.45	.9	.70	1.83	6.14	.05	2.01	21.98
Shortwood ...	1.20	.44	1.51	4.20	13.00	2.75	4.60	2.50	6.15	13.00	3.05	2.17	54.57
Constant Spring ...	.62	1.95	3.83	3.38	8.52	2.06	5.43	4.30	9.14	14.84	.00	3.46	57.53
Monaltrie ...	.18	1.42	1.01	1.64	18.59	2.02	2.39	3.14	3.44	18.19	2.18	2.93	57.13
Halfway Tree P.W.D. ...	.12	.92	.88	1.63	12.26	.99	2.04	1.80	2.69	12.53	1.16	2.18	39.20
Camperdown ...	.48	1.26	.72	...	11.29	.50	3.67	2.70	6.72	12.41	.93	3.58	...
KINGSTON—													
Public Works Office ...	.19	.67	.74	.61	10.65	.70	1.21	1.31	1.55	12.78	2.07	2.43	34.91
Plumb Point Lighthouse ...	.11	1.03	.15	.28	10.65	.70	1.12	.49	.94	11.53	1.75	3.11	31.86
Port Royal ...	...	...	.14	...	8.22	.38	1.61	.90	.92	12.18	.09	1.62	...
ST. ANDREW—													
Ferry, P.W.D. ...	1.27	1.70	.43	5.03	13.00	.20	1.93	1.73	4.26	14.15	.70	3.65	48.05
ST. CATHERINE—													
Spanish Town P.W.D. ...	.79	1.25	1.53	3.09	13.17	.00	.81	2.30	3.59	10.19	.41	2.32	39.50
Windsor Park ...	1.71	1.38	1.20	3.63	14.83	1.26	.82	.53	3.03	14.33	3.67	2.34	48.63
Hog Hole Pen, P.W.D. ...	.91	1.93	.84	3.28	15.63	.65	1.04	1.6	3.70	11.66	.62	1.69	43.55
Old Harbour, P.W.D. ...	1.16	1.71	1.08	5.34	15.54	.73	2.06	2.46	4.19	13.93	2.96	2.85	54.01
Somerset Hall ...	1.59	4.55	2.46	4.72	23.18	1.39	1.15	1.76	10.70	15.04	7.05	2.58	76.17
CLARENDON—													
May Pen, P.W.D. ...	.60	1.96	1.33	2.42	16.42	4.01	3.88	1.81	6.79	19.24	.19	1.90	60.60
Hermitage ...	.37	1.00	1.77	2.68	16.65	1.54	3.36	1.90	2.08	18.01	2.32	3.75	56.43
Denbigh ...	.00	2.20	1.50	1.60	23.20	4.00	2.50	2.30	9.20	22.00	2.10	2.50	73.10
Yarmouth, P.W.D. ...	.63	.41	1.13	.75	5.74	.72	2.21	3.78	4.63	16.24	1.12	3.35	40.16
MANCHESTER—													
Victoria Town ...	.23	3.14	2.92	4.56	18.16	.11	2.96	.00	7.60	16.86	2.28	5.05	63.37
Stones Hope ...	.40	2.46	1.99	6.30	24.23	.58	7.35	2.52	9.39	21.44	2.65	3.23	82.54
Newport, P.W.D. ...	1.09	3.39	1.82	5.88	21.94	2.80	8.00	3.62	10.70	21.25	5.01	3.25	88.75
Alligator Pond, P.W.D. ...	.28	.80	1.32	2.68	12.58	.00	1.60	1.82	3.88	12.93	4.12	3.17	45.08
ST. ELIZABETH—													
Potsdam ...	1.14	.61	1.57	4.10	14.54	1.90	1.61	1.52	7.15	5.64	4.30	4.15	48.32
Long Hill ...	2.34	.22	4.14	13.43	22.04	.57	4.60	5.20	13.27	11.55	5.66	4.29	87.31
Pepper ...	1.45	.40	3.40	22.12	22.10	.35	6.10	2.10	9.25	14.20	2.95	4.25	88.67
Torrington, P.W.D. ...	1.54	.43	3.29	5.72	20.00	2.27	3.41	2.46	11.91	12.00	3.92	3.46	70.41
Bethlehem ...	2.39	.41	4.22	11.25	16.79	2.40	6.13	9.41	9.18	10.39	6.51	.69	79.57
Santa Cruz, P.W.D. ...	3.25	1.27	3.07	22.48	23.44	1.71	12.38	12.12	15.38	9.57	4.90	3.65	113.22
Black River, P.W.D. ...	1.84	.16	2.27	3.80	23.81	1.20	6.77	7.04	8.28	6.19	3.62	1.90	66.88
Font Hill ...	2.66	.95	5.15	4.85	23.80	1.30	6.25	5.00	11.32	7.70	3.00	1.50	73.47
WESTMORELAND—													
Petersville ...	4.43	3.43	4.66	10.13	32.79	7.53	8.15	12.72	12.15	9.28	5.09	3.19	113.55
Mount Edgecombe ...	4.35	3.78	3.04	6.80	23.50	4.09	7.66	7.84	17.48	7.82	5.34	2.14	93.84
Sweet River ...	1.30	2.85	4.45	9.24	19.44	6.48	11.57	9.36	9.44	8.01	4.39	2.02	88.52
Windsor, Sav.-la-Mar ...	1.07	3.37	3.56	4.49	18.57	3.14	7.44	6.16	3.71	7.94	6.27	1.18	66.90
Sav.-la-Mar P.W.D. ...	1.53	4.22	2.37	5.22	16.73	1.83	9.32	5.88	5.12	5.53	4.59	1.67	64.01
Retreat ...	1.45	3.20	9.27	3.70	21.46	5.63	8.32	6.03	7.99	8.83	7.09	1.13	84.10
Means ...	1.14	1.80	2.05	5.01	15.77	2.06	4.32	3.47	6.47	12.72	2.93	3.27	61.01

COMPARATIVE TABLE OF RAINFALL FOR 1894

As compared with the Means for Twenty Years—1870—1889.

DIVISION	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
North Eastern	3.54	4.58	3.74	5.45	17.11	4.14	6.17	2.94	6.89	14.51	8.26	13.23	90.56
Northern	2.15	1.34	2.92	2.42	12.48	2.81	3.78	2.08	4.81	9.34	4.27	5.64	54.04
West Central	1.36	2.35	4.62	10.46	21.20	6.61	9.42	8.30	9.75	13.03	4.75	4.08	95.93
Southern	1.14	1.80	2.05	5.01	15.77	2.06	4.32	3.47	6.47	12.72	2.93	3.27	61.01
Means for 1894	2.05	2.52	3.33	5.84	16.64	3.90	5.92	4.20	6.98	12.40	5.05	6.56	75.39
Means for Ten Years 1870-79	4.46	2.38	3.34	3.25	9.05	4.74	4.31	6.66	6.85	10.07	6.71	5.59	67.41
Means for Ten Years 1880-89	3.78	2.51	2.49	4.18	9.07	7.77	4.32	6.83	6.87	8.04	5.08	5.60	66.54
Means for Twenty Years 1870-89	4.12	2.44	2.92	3.72	9.06	6.25	4.31	6.74	6.86	9.06	5.90	5.60	66.98
Means for 1890	5.21	2.92	5.84	3.37	5.57	4.13	4.99	6.92	6.52	7.04	6.52	5.39	64.44
Means for 1891	3.45	2.24	0.84	8.49	12.28	9.91	5.57	7.45	6.35	15.32	7.65	5.15	84.70
Means for 1892	4.00	1.38	2.27	2.82	8.52	7.31	4.44	7.65	8.86	12.16	9.96	3.61	72.98
Means for 1893	3.44	3.24	1.92	5.42	10.90	7.20	9.15	6.72	7.92	10.30	10.10	10.18	86.49

The mean rainfall for the whole Island, for the year 1894, viz.:—75.39 inches shows an excess of eight and a-half inches over the mean for the twenty years 1870-89. It is to be remembered however, that in arriving at this result there are on the one hand many new stations in 1894 not included in the means for 1870-89, and on the other hand many of the old stations included in the latter have since dropped out and are not to be found in 1894. The general characteristics of the various Divisions as explained in previous reports and in the Jamaica Handbook are on the whole well maintained in the results for 1894, being briefly May and October "Seasons" in all the Divisions, with, in addition, winter rains in the North-eastern and Northern Divisions and summer or autumn rains in the West Central and Southern Divisions. The West Central had also a large rainfall in the month of April. As regards total fall in each Division the usual order is N.E., W.C., S. and N., the first-named having the largest fall. In 1894, however, the W.C. comes first and then in the order following N.E., S. and N. so that the North-Eastern and West Central Divisions have changed their relative positions.

The greatest fall for the year was 176.50 inches and was recorded at Fellowship, in Portland, and the smallest 21.98 inches, was recorded at Cavalier's near Kingston. These places are about twenty-five miles distant from each other in a straight line; but the Blue Mountains stand between. The greatest fall at Fellowship was approached by the following falls of over 140 inches, viz.: Manchioneal, 148, Port Antonio 142, Blue Mountain Peak 146, Elim 140. The above places are all in the N.E. Division with the exception of Elim in the West Central Division. The following Table shows the heaviest falls for the first five years of the present decade, with the elevation above sea-level and distance from the sea.

Distance from Sea. Miles.	Elevation above Sea-level. Feet.	Station.	1890.	1891.	1892.	1893.	1894.
3	150	Fellowship	In.	In.	In.	In.	In.
Sea Coast	10	Manchioneal	...	...	211	177	176
11	7,423	Blue Mountain Peak	...	...	...	166	148
8	580	Castleton Gardens	139	190	203	157	146
4	200	Boston	141	139	121	158	98
Sea Coast	6	Port Antonio	84	144	111	...	...
18	Not known	Elim	...	...	...	117	148
5	170	Bath	...	...	...	...	140
3	20	Hordley	...	...	132	155	96
			66	...	104	158	88

It will be seen from the above that Fellowship stood first with the heaviest fall in each of the three years since the rainfall has been recorded there, and that excluding Fellowship, Blue Mountain Peak came first in two of the years (1891 and 1892), Castleton Gardens came first in 1890, and Manchioneal in the remaining two years (1893 and 1894), i.e. in the only two years in which it has had a gauge. The above table includes no station which, in at least one of the years in question, had not 140 inches or over. It is to be regretted that owing to the death of Mr. F. A. Jenoure blanks occur in respect of 1893 and 1894 at Boston, which hitherto with its 95 inches of rain in one month* had beaten the monthly record in Jamaica. In annual fall however Blue Mountain Peak since its establishment in 1885, had beaten Boston and Port Antonio, but in its turn Blue Mountain Peak has been beaten every year by Fellowship since the establishment there of a rainfall Station, as well as by the other new Station Manchioneal. It would thus seem as if Fellowship is likely

* See Weather Report No. 94 for May 1888.

to turn out the wettest place in the Island, in spite of the 7000 ft. of increased elevation possessed by Blue Mountain Peak, only ten miles away, to Leeward however of the prevailing wind. The establishment of other new stations in that North Eastern corner of the Island might however result even in the eclipse of Fellowship, and as the whole stretch of the Blake Mountains* a distance of say fifteen miles, at an elevation of about 2000 feet, directly facing the North Easterly and E. N. E. rain bringing winds, remains without a single gauge it seems very desirable that one or two should be established in this region, which is at present practically uninhabited.

The greatest and smallest falls for the respective months of the year are shown in the following Table:—

Month.	Greatest Fall.		Least Fall.	
	Amount.	Place.	Amount.	Place.
	in.		in.	
January	9.45	Blue Mountain Peak	.00	Easington, Bull Bay, Cavaliers, Denbigh.
February	16.30	Blue Mountain Peak	.00	Ironshore.
March	9.75	Blue Mountain Peak	.10	Bull Bay.
April	25.95	Elim	.21	Weston Favel.
May	36.23	Kepp	3.09	Bull Bay.
June	15.00	King's Valley	.00	Spanish Town, Alligator Pond.
July	17.10	Darliston	.40	Harmony Hall.
August	15.47	Kepp	.00	Llandoverly, Green Park, Kent, Greenwood, Cinnamon Hill, Running Gut, Ironshore, Victoria Town.
September	17.48	Mount Edgcombe	.92	Port Royal.
October	36.23	Cedar Valley	3.66	Braco.
November	29.06	Fellowship	.00	Constant Spring (Reservoirs).
December	38.18	Port Antonio	.50	Bull Bay.

From this it will be seen that the greatest monthly fall was 38.18 inches at Port Antonio in December and that no rain fell at four places in January, at Ironshore in February, at two places in June, at eight places in August and at Constant Spring Reservoirs in November. It will also be noticed that the greatest falls occurred in the N.E. Division in the first three and the last three months of the year, in the West Central Division in the months April to August and in the western portion of the Southern Division in September. The least fall occurred in the Southern Division in January, March, May, June, August, September, November and December, and in the Northern Division in February, April, July, August and October.

The following are instances of the partiality of the falls of rain at places near to one another:—

North-Eastern Division.—In May Hordley and Bath had sixteen inches while Manchioneal, about seven miles distant from both, but on the other side of the Blake Mountains, had thirty-five. In May also Port Antonio had twenty-six, Fellowship thirty-three and Blue Mountain Peak eighteen inches, these being three of the stations concerning which more information is given on page 5 in the table of large annual falls.

In October is to be noticed the same sort of thing as in May with Hordley and Bath and Manchioneal, which places had respectively fourteen and nineteen as against thirty-four inches. This is also to be noticed in greater or lesser degree in the months of November and December as well as in the totals for the year as will be seen in the following table:—

Stations.	May.	June.	Oct.	Nov.	Dec.	Year.
	In.	In.	In.	In.	In.	In.
Hordley	16	6	14	9	9	88
Bath	16	6	19	9	9	96
Manchioneal	35	10	34	13	21	148

In August Castleton Gardens had two-and-a-half inches, while Lawrence's Tavern had nine and a half distant only four miles away in the same sort of country; and Averham Park had about half-an-inch, while Ballintoy, about seven miles away in much the same sort of upland country, had eight inches.

In October, however, the positions of Castleton Gardens and Lawrence's Tavern as compared with August are curiously reversed, the former having sixteen and the latter only seven inches. There is also a large difference between Rio Hoe with ten and Unity Valley with twenty-one inches, although these places are hardly more than two miles away in a straight line. On this point it may be remembered that in 1882 it was noticed that the rainfall at Rio Hoe was generally much larger than places in the immediate neighbourhood and that on enquiries being made of Mr. E. G. Barrett at the time he stated as follows:—"Rio Hoe lies at the mouth of a little valley sloping down from the backbone of the Island and diverging from it at a very acute angle; and down this valley come very heavy rains which deluge Rio Hoe and Rio Hoe alone." This effect however cannot be constant as, in addition to the fact above noted concerning October 1894, Unity Valley had for the whole year (1894) 94 inches as against the 64 of Rio Hoe.

In November Port Antonio, Fellowship and Blue Mountain Peak had respectively seventeen, twenty-nine and nineteen inches respectively. In December Quebec, less than two miles from the sea-shore, had twenty-two inches and Richmond, eight miles further south in the interior had only nine inches.

Northern Division.—In October, Colchis Pen had double the fall of Vale Royal, one mile distant. In November there was a heavy fall over only a limited distance along the coast from Port Maria to a little the other side of St. Ann's Bay, as was again the case in December. There are also to be noticed the large differences between Linstead and Harker's Hall in July and October, these places being within ten miles of each other. In the former month Linstead had five as against the fourteen inches of Harker's Hall, but in October Harker's Hall had only thirteen and-a-half as against the twenty-three inches of Linstead.

* Formerly John Crow Mountains.

West Central Division.—In April, Mandeville had nine inches and Marshall's Pen threemiles distant had eighteen and a half inches, while Elim had twenty-six against the twelve of Appleton five miles away. In May Elim again had nearly fifty per cent. (ten inches) more than Appleton and the other two stations in St. Elizabeth not far from it. In June, the excessive fall at Brockenhurst is very noticeable, this place having twenty-one inches, against the four and a half and six inches respectively of Farm Plantation and Mandeville, respectively three and five miles away in opposite directions. In July however, Farm Plantation had over ten, while Brockenhurst had only three and a half inches, and in October Farm Plantation again largely exceeded Brockenhurst, the figures being respectively twenty-six and seventeen inches. In November, Elim, with a fall of over fourteen inches, again had nine or ten inches more than the three stations near by it.

Southern Division.—In April, Potsdam, Torrington and Bethlehem on the top of the Santa Cruz Mountain had four, six and eleven inches respectively, while Santa Cruz village on one side of the plain below them had twenty-two and a half, but Black River on the plain on the other side had only four inches. This excess of the lowland station of Santa Cruz over the mountain station Bethlehem is noticeable in several other months and also in the totals for the year which were respectively 113 and 80. In May, Bull Bay had only three inches while the Abbey, a short distance inland, but at an elevation of 500 feet, had nearly twelve, and this effect (which may be termed the normal effect of elevation) is again marked in October and December the figures being respectively in the former month eleven and a half and twenty-one and in the latter half-an-inch and seven inches, while the totals for the year are twenty-four and sixty-five inches.

The following Tables shew the total rainfall for 1894 for those stations which can show a complete record for the year, together with the average annual rainfall, taken from the Tables published in January, 1892, as No. 124 (A) of the present series of reports. In obtaining the mean rainfall for the year from the numbers in the first columns only those stations are considered for which the average rainfall has been given in the second columns. These results are more clearly shown in the comparative table at the end of these rainfall returns. It will be seen from this limited comparison that the excess of 1894 over the average appears at less than half an inch as against eight and a half shown by the more extended tables. The mean for the year 1894, is in both cases much about the same, however, viz., about seventy-five and a half inches. While it would appear at first sight that the comparison which shows the excess of only half an inch must be entirely accepted as the correct one, it must on the other hand be remembered that the "averages" were not in all cases struck in respect of the same years, some of the averages being for twenty years and others for only five.

	Rainfall.			Rainfall.	
	1894.	Average.		1894.	Average.
NORTH EASTERN DIVISION.			NORTHERN DIVISION.		
Hordley ...	87.68	118.25	Port Maria, P. W. D. ...	74.13	69.30
Manchioneal, P. W. D. ...	148.47		Drax Hall ...	64.98	67.15
Bath, P. W. D. ...	96.48		St. Ann's Bay ...	65.33	
Port Antonio, P. W. D. ...	142.04	139.67	Seville ...	60.97	65.55
Fellowship, P. W. D. ...	176.50		Llandoverly ...	58.34	64.26
Blue Mountain Peak ...	145.77	197.88	Brown's Town ...	62.78	
Cedar Valley, P. W. D. ...	101.27		Stone Castle ...	47.51	54.79
Cinchona Plantation ...	118.52	105.57	Richmond Pen ...	60.13	56.40
Buff Bay, P. W. D. ...	103.95		Mahogany Hall ...	60.24	58.62
Cold Spring ...	86.43		Braco ...	29.70	46.27
Hardware Gap ...	132.85		Arcadia ...	37.03	50.64
Rose Hill ...	89.85		Harmony Hall ...	39.18	42.47
Annotto Bay, P. W. D. ...	75.06		Lancaster ...	40.15	49.63
Stony Hill Reformatory ...	70.71	84.25	Vale Royal ...	47.26	57.80
Castleton Gardens ...	98.25	110.01	Colchis Pen ...	72.84	48.81
Lawrence's Tavern, P.W.D. ...	70.04		Hyde ...	66.33	65.64
Albany, P. W. D. ...	68.64		Steelfield ...	38.98	51.84
Quebec ...	71.99	70.54	Oxford ...	40.92	49.59
Richmond, P. W. D. ...	66.07		Cambridge ...	49.78	54.31
Highgate, P. W. D. ...	65.94		Lottery ...	45.50	49.20
Gayle ...	76.25	89.49	Falmouth ...	53.78	42.20
Rio Hos ...	64.10	90.28	Falmouth, P. W. D. ...	36.58	
Unity Valley ...	93.75	79.97	Fontabelle ...	51.23	
Moneague, P. W. D. ...	78.39		Holland Pen ...	44.49	41.58
Claremont ...	70.24		Golden Grove ...	57.50	55.50
Albion ...	87.06	74.67	Green Park ...	49.58	46.87
Averham Park ...	72.69	75.75	Tilston ...	56.50	55.28
Ballintoy, P. W. D. ...	67.60		Weston Favel ...	61.68	68.01
			Orange Valley ...	45.46	42.66
			Kent ...	44.62	45.46
			Dundee ...	48.34	50.65
			Phoenix ...	64.45	69.94
			Gales Valley ...	65.00	59.56
			Greenwood ...	44.97	40.53
Means ...	92.40	102.99			

	Rainfall.			Rainfall.	
	1894.	Average.		1894.	Average.
NORTHERN DIVISION, contd.			SOUTHERN DIVISION.		
Canaan ...	38.15		Morant Point, L. H. ...	60.71	72.08
Guilbro ...	45.17	62.12	Morant Bay P. W. D. ...	59.98	
Cinnamon Hill ...	40.55	34.52	Easington, P. W. D. ...	66.71	
Rose Hall ...	39.01	37.41	Abbey ...	65.18	77.53
Running Gut ...	39.46	38.33	Bull Bay, P. W. D. ...	23.95	
Spring ...	39.50		Gordon Town ...	59.26	
Ironshore ...	39.90	44.95	Hope Gardens ...	50.82	
Montego Bay, P. W. D. ...	45.88	55.93	Hope Reservoir ...	42.09	52.83
Catherine Hall ...	57.55	60.45	King's House ...	47.31	49.20
Round Hill ...	35.35	47.66	Cavaliers ...	21.93	
Sandy Bay ...	50.83		Shortwood ...	54.57	
Lucea P. W. D. ...	44.90		Constant Spring ...	57.53	
Haughton Court ...	58.98	59.52	Monaltrie ...	57.13	45.80
CENTRAL SUB-DIVISION.			Halfway-Tree, P. W. D. ...	39.20	
Headworks, R. C. C. ...	55.82	62.36	Public Works Office Kingston	34.91	37.96
Linstead, P. W. D. ...	96.55	70.51	Plumb Point L. H. ...	31.86	36.84
Harker's Hall ...	93.18		Ferry, P. W. D. ...	48.05	
Chapelton, P. W. D. ...	82.31	65.44	Spanish Town, P. W. D. ...	39.50	48.31
Danks-Savoy ...	77.97		Windsor Park ...	48.63	45.44
Cave Valley ...	76.76	70.12	Hog Hole Pen, P. W. D. ...	43.55	54.20
Means ...	58.11	54.18	Old Harbour, P. W. D. ...	54.01	54.17
WEST CENTRAL DIVISION.			Somerset Hall ...	76.17	
Farm Plantation ...	97.70	80.12	May Pen, P. W. D. ...	60.60	
Brockenhurst Pln. ...	88.97	100.68	Hermitage ...	55.43	
Christiania, P. W. D. ...	86.13		Denbigh ...	73.10	49.01
Kendal ...	100.50		Manningsfield, P. W. D. ...	40.16	
Mandeville ...	96.99	88.14	Victoria Town ...	63.87	
Marshall's Pen ...	112.96	78.13	Stones Hope ...	82.54	74.41
Ulster Spring ...	83.30		Newport, P. W. D. ...	88.75	
Troy ...	114.51		Alligator Pond, P. W. D. ...	45.08	
Windsor Pen ...	72.77	83.68	Potsdam ...	48.32	60.84
Balaclava ...	107.70		Long Hill ...	87.31	71.36
Elim ...	140.07		Pepper ...	88.67	69.27
Appleton ...	99.40	83.35	Torrington, P. W. D. ...	70.41	
Magotty ...	99.33		Bethlehem ...	79.57	
Spring Vale ...	96.52		Santa Cruz, P. W. D. ...	113.22	
Kempshot ...	79.66	73.61	Black River, P. W. D. ...	66.88	51.44
Kepp ...	181.71	92.89	Font Hill ...	73.47	
Kew Park ...	94.79	86.26	Peters Ville ...	113.35	
Mount Carey, P. W. D. ...	54.03		Mount Edgecombe ...	93.84	61.35
Darliston, P. W. D. ...	121.73		Sweet River ...	88.52	62.92
New Galloway ...	105.56		Windsor (Sav-la-Mar) ...	66.90	63.62
Lethe Bridge ...	76.35		Sav-la-Mar, P. W. D. ...	64.01	
Cacon Castle ...	87.88	83.40	Retreat ...	84.10	
Great Valley ...	9.64	105.51	Means ...	61.58	56.90
Georges Plain Estate ...	80.07		COMPARATIVE TABLE.		
Fontabelle ...	82.32		<i>Based upon the "Average" Stations only.</i>		
Morgan's Bridge ...	92.83		North Eastern Division ...	92.40	102.99
Abingdon ...	88.28	78.90	Northern ...	58.11	54.18
Means ...	94.73	86.64	West Central ...	94.73	86.64
			Southern ...	61.58	56.90
			Means ...	75.46	75.18

22nd Feb., 1896.

ROBT. JOHNSTON.



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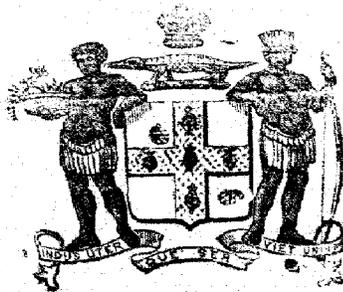
METEOROLOGICAL OBSERVATIONS.

VOL. II.

CONTAINING REPORTS NOS. 102 TO 194,

FROM

JAN. 1889, TO DEC., 1895, INCLUSIVE.



J A M A I C A :
GOVERNMENT PRINTING OFFICE, 79 DUKE STREET, KINGSTON.
1896.

