

Dumfries

March Hill Cott.

Thomas Hogg.

No return

with re-3.

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -	2.02	7.14	8.12	5.37	3.76	.55	2.80	2.85	3.62	4.75	4.098 +
February - -	3.45	2.07	3.27	1.16	2.33	1.20	2.86	2.56	1.10	3.52	2.352
March - - -	.93	3.77	.32	.75	2.25	2.10	.94	3.96	1.66	3.05	1.973
April - - -	3.21	1.54	.57	2.03	(.77)	1.20	1.87	2.28	3.95	3.30	2.072
May - - -	.78	.62	3.05	.44	(3.89)	1.95	2.51	2.80	2.90	.26	1.920 -
June - - -	2.22	2.80	3.70	2.27	(5.04)	3.25	3.51	2.58	1.60	1.50	2.847
July - - -	2.34	2.99	3.55	3.07	(3.45)	2.25	1.52	2.48	2.21	2.15	2.401
August - - -	5.13	3.00	6.77	2.40	4.75	3.75	4.65	2.62	3.94	2.05	3.906
September -	2.23	.89	1.75	2.10	2.05	.70	2.43	2.55	4.00	3.15	2.185
October - -	1.61	3.08	1.97	4.48	3.50	5.05	2.48	2.30	6.30	3.25	3.402
November -	3.78	1.14	4.75	2.80	2.55	2.50	1.11	2.42	2.34	4.05	2.744
December -	2.71	1.57	10.97	.57	4.05	1.85	4.64	3.80	3.94	5.25	3.935
TOTALS -	30.41	30.61	48.79	27.44	38.39	26.35	31.32	33.20	37.56	36.28	34.035

"The figures for April, May, June, & July 1854 are approximations taken from the average rainfall of Annandale for the same period; and will be as nearly correct as possible"

"The total rainfall for 1856 is correct, but the measurements for April and Nov: are approximations."

Dunfries (March Hill Cottage)

Thos Hogg Esq^r

70 aft May 63

5 in + ground 5 inches + Sea Level 63 feet 61
 W. & C. - 3.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	7.60	3.90	3.91	7.10	2.80	2.30	5.56	3.11	3.64	5.16	4.308 +
February - -	2.25	4.05	1.50	2.90	2.20	2.40	3.00	2.10	4.37	4.45	2.922
March - - -	4.05	5.30	3.05	1.00	3.20	1.30	2.03	1.72	4.72	.53	2.690
April - - -	1.50	.65	3.20	3.25	1.02	.40	.96	3.36	3.01	1.42	1.877
May - - - -	2.00	.75	3.75	2.55	.87	4.40	1.19	2.85	3.74	1.87	2.397 -
June - - - -	4.15	2.90	2.65	4.10	3.00	.60	1.84	1.72	.56	1.02	2.284
July - - - -	1.80	3.95	3.45	.67	1.55	2.05	2.84	5.63	.98	1.20	2.412
August - - -	4.45	7.58	4.47	2.10	.85	3.80	3.26	3.36	4.73	.86	3.546
September -	1.05	4.00	1.70	4.00	5.00	.65	5.88	3.87	2.67	5.87	3.469
October - -	6.60	3.75	7.10	3.70	4.00	4.35	2.39	4.01	3.53	1.86	4.129
November -	2.00	6.50	1.30	2.90	3.50	3.10	4.10	.74	2.26	4.27	3.067
December -	4.30	3.55	5.35	2.50	2.65	2.40	3.40	2.05	7.05	4.49	3.774
TOTALS -	41.75	46.88	41.43	36.77	30.64	27.75	36.45	34.32	41.26	33.00	37.045

1863 5 in + ground & 63 ft + sea level till May after then
 70 ft. The rainfall has been less, but the days of rain
 more, than the average, this shows, that the wetness
 of a season, depends not only on the depth of
 rain, but upon the period over which it extends, a cer-
 tain quantity of rain, falling on one day, though great if
 followed by dry warm sunny weather is beneficial, whereas
 the same quantity spread over a fortnight, as in 1868
 the worst might produce serious injury. in 1869

The drought in the spring & summer & may be said
 to have lasted 5 months from beginning of March to the
 end of August only 6.9 in fell pastures were scorched &
 water very scarce & notwithstanding the heavy fall in Sept
 many of the springs had (not) recovered their usual flow in
 1869

RAINFALL AT *Dumfries March Hill Cottage*

Lat.....

Lon.....

County of...

Dumfriesshire

Rain Gauge, by.....

Observer

W. J. Hogg

with c - 3.

Diameter5											
Height5	1.0										
Altitude	70.											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.28	2.58	6.35	6.44	3.79							
February.....	3.87	3.93	5.26	1.07	1.35							
March.....	.86	2.09	3.06	3.12	2.01							
April.....	.69	4.55	1.16	.14	2.12							
May.....	2.49	1.03	8.29	1.63	1.35							
June.....	1.51	2.35	5.60	1.90	.92							
July.....	1.27	3.93	4.01	6.08	2.68							
August.....	1.72	2.54	3.04	5.80	6.25							
September.....	2.89	2.63	4.71	2.82	3.30							
October.....	5.72	3.54	4.61	4.83	5.13							
November.....	2.07	2.31	3.92	1.83	5.64							
December.....	1.95	3.24	5.25	1.35								
TOTALS	28.32	35.32	50.26	37.01								

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