

RAINFALL

Dumfries

March Hill Cott.

Thomas Hogg.

No return.

with &c - 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	2.80	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	(1.77)	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	2.84)
July - - -	2.34	2.99	3.55	3.07	(3.45)	2.25	1.52	2.48	2.21	2.15	2.601
August - - -	5.13	3.00	6.77	2.40	4.75	3.75	4.65	2.62	3.94	2.05	3.946
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."

Dumfries (Wood Hill Cottage)

Thos Hogg Esq^t

70 of May 63

Sea 5 in + ground 5 inches + See Level 63 feet 61
with + 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	4.508 +
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	2.05	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	2.254
July - - - -	1.80	3.45	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 - -	1.60	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	3.047
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	27.95	36.45	34.52	41.26	33.00	37.045

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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 certain 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 last harvest might produce serious injury.

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 pasture were sown & water very scarce, & notwithstanding the heavy fall in Sept many of the springs had (lost) recovered their usual flow in

RAINFALL AT Dumfries March Hill Cottage

Lat..... Lon..... County of Dumfries & Galloway.....
 Rain Gauge, by..... Observer Mr. J. Hogg.....

with &c - 3.

Diameter5										
Height510										
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.....	1.86	2.09	3.06	3.12	2.01						
April.....	1.69	4.55	1.16	1.14	2.12						
May	2.49	1.03	8.29	1.63	1.35						
June.....	1.51	2.35	5.60	1.90	1.92						
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	3.04	5.25	1.35							
TOTALS.....	28.32	35.32	50.26	37.01							

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