

Nowfall at The Flock 2 1/2 m S of Whitehorn E-X-82 40

= location NW. Fairweather

YEAR - -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -						4.88	5.44	2.09	4.34	6.82	
February - -						2.76	2.17	2.01	9.82	2.63	
March - - -						4.24	4.80	1.23	5.38	1.12	
April - - -						2.67	3.60	3.27	.87	1.60	
May - - - -						1.74	2.64	3.04	2.23	3.17	
June - - - -						3.86	2.38	3.54	5.24	1.51	
July - - - -						3.52	8.88	1.20	4.60	6.34	
August - - -						7.22	5.31	4.98	8.07	4.27	
September -						4.11	2.86	4.21	2.72	2.89	
October - -						7.35	9.54	6.56	8.36	6.19	
November -						4.40	4.90	8.70	4.07	5.90	
December -						6.25	2.64	6.97	5.12	2.69	
TOTALS -				48.37	39.31	53.00	55.16	47.80	60.82	45.13	

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1843 from pamphlet by Dr Miller, lent by J. Sherwen 1x11

Rainfall at The Flock

50
E-17-96

3 Mi. S of Whitehaven
Miller's Map No. 25

Observer

Gauge 5 in diam: 2 ft + ground: 240 ft + M. S. L.

YEAR --	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January --	3.63	10.09	9.09	7.00		.88	3.05	4.62	3.49	5.41	
February --	6.18	4.56	4.75	2.33		1.34	3.23	3.77	.47	4.40	
March ---	1.65	4.38	.23	1.48		2.87	.54	3.59	3.66	4.51	
April ---	4.08	2.66	1.21	2.91		1.57	2.38	2.62	2.58	4.02	
May ----	1.37	1.25	4.95	.33		1.71	3.32	2.81	3.85	.40	
June ----	2.63	4.56	3.90	3.54		4.38	5.34	3.35	2.24	2.58	
July ----	6.66	3.83	2.46	6.68		3.14	3.08	3.26	4.00	2.94	
August ---	5.74	5.82	6.10	4.13		4.53	5.12	2.09	3.15	6.33	
September -	2.52	3.64	2.26	3.27		1.99	4.36	4.94	5.67	6.25	
October --	4.86	5.57	3.95	5.14		6.43	3.66	3.18	6.61	4.33	
November -	8.13	3.69	5.05	4.99		3.35	1.99	2.90	1.40	4.74	
December -	3.03	1.67	11.23	.58		2.00	2.09	4.77	2.96	4.67	
TOTALS -	51.28	51.66	55.18	42.38	38.00	33.19	40.84	39.49	41.79	50.11	

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5 to 9 Mrs. R. L. J. Minnow

1852. Printed by Dr. Miller as 57.18.

Red ink corr sent by Stephen Marshall 5. xii 98. Encl. 1. xii 08

w. Whitehaven

T. Winsworth Esq.

112 69
 240 feet
 209 ft 66
 112 69
 240 feet
 209 ft 66

YEAR --	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January --	7.67	3.11	5.08	6.34	3.37	4.67	8.46	4.43	3.67	7.42	
February --	2.65	4.44	1.12	2.59	2.04	3.99	4.80	3.35	5.13	4.78	
March ---	5.03	6.49	3.34	1.90	3.88	2.43	4.76	1.63	7.12	1.41	
April ---	2.53	.77	5.41	2.91	3.02	.81	1.17	4.54	3.13	3.88	
May ---	3.66	1.34	5.23	4.05	2.56	6.33	1.80	1.70	3.41	2.04	
June ---	4.63	4.41	4.20	3.98	3.67	.77	2.53	1.64	1.26	1.52	
July ---	2.23	5.26	3.85	1.25	2.03	2.98	5.43	3.48	.81	2.25	
August --	6.65	7.38	5.15	4.08	5.51	5.38	4.91	6.60	4.11	2.52	
September -	2.03	4.83	2.42	6.33	6.90	2.86	8.02	3.59	1.74	9.63	
October --	9.12	3.05	8.78	6.51	2.63	4.32	2.53	6.06	6.23	4.10	
November -	2.02	8.78	1.76	6.97	5.40	5.28	7.03	.44	1.91	6.19	
December -	5.61	4.52	6.97	3.64	7.14	4.32	5.38	5.28	8.87	4.93	
TOTALS -	55.82	54.38	53.31	50.55	48.15	44.14	56.82	42.74	47.39	50.27	502.17

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Gauge on open lawn

1868 Copied from Pub. of W. J. A. Marshall

Redink corrections from Stephen Marshall xii '98. Int. 30 xi. 08

RAINFALL AT *The Flock, Cleator, Whitehaven*

70

Lat. Lon. County of

Rain Gauge, by Observer

Diameter.....											
Height.....											
Altitude.....											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	4.46	3.31	9.02	7.47	5.13	6.51	2.62	9.15	4.63	2.39	
February.....	3.33	4.85	4.43	7.76	4.09	2.09	3.86	3.81	2.34	2.67	
March.....	2.83	3.10	5.92	4.11	3.13	1.37	3.55	3.15	2.42	2.41	
April.....	2.24	3.23	1.37	7.42	1.40	1.62	2.27	2.34	2.18	1.01	
May.....	3.59	1.20	2.15	2.40	7.72	3.00	7.38	3.25	2.34	2.80	
June.....	2.20	2.12	6.86	2.54	7.44	4.70	4.45	4.07	2.45	2.80	
July.....	1.37	3.88	3.73	5.72	2.50	2.96	2.63	5.25	7.78	6.85	
August.....	1.26	4.24	3.27	5.23	7.22	4.48	4.49	6.42	4.07	6.00	
September.....	5.18	1.74	6.88	2.17	4.67	5.45	6.53	3.21	5.59	5.92	
October.....	8.55	5.61	8.14	8.92	7.75	5.25	3.79	7.88	4.55	2.63	
November.....	3.32	4.21	5.42	3.43	5.18	3.74	3.26	10.35	2.87	1.58	
December.....	2.15	5.62	5.48	2.74	2.51	3.45	5.21	6.29	1.87	2.60	
TOTALS.....	40.48	43.11	62.67	45.91	44.74	44.62	43.04	65.17	36.39	39.66	46.579

Skelwith Flock, Ambleside, 14 Aug 1898

Dear Sir

I give you above, the rain registered at The Flock, as I took ^{the figures} ~~them~~ down in my book. I copied them from the original ~~manuscript~~.

Observer's book lent to me by Mr. D. Ainsworth, but I should say that in a number of cases the observations were written down in an illiterate way & appeared to me to have been misread in adding them up. I made what seemed to me the most likely corrections, but I have no doubt Mr. Ainsworth would lend you the book if you wished to see it.

Mr. Ainsworth has just bought Wray Castle on Windermere, & means to live there a good deal.

Yours

G. J. Simons Esq

Stephen A. Marshall.

RAINFALL AT *Whitehaven The Flock* 80

Lat.

Lon.

 County of *Cumberland*

Rain Gauge, by

 Observer *G. Ainsworth, Esq. M.P.*
West coast streams - 3

Diameter					5						
Height					1.11					1.5	
Altitude					2087						
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.02	1.56	3.94	7.18	6.05	3.26	4.74	2.43	2.34	3.40	
February	3.50	4.66	3.86	3.79	5.57	7.32	2.51	3.01	2.19	3.32	
March	1.71	3.61	2.99	3.10	4.95	3.60	4.61	1.10	2.25	2.80	
April	3.24	1.08	5.06	2.29	2.00	4.72	2.31	3.20	2.11	1.91	
May	1.68	3.57	4.10	1.55	2.81	2.39	6.22	2.32	2.26	2.79	
June	2.32	3.33	5.68	4.47	.98	1.65	1.47	1.05	1.08	1.30	
July	3.51	6.11	8.24	1.96	5.00	4.16	6.00	3.42	6.29	3.11	
August	1.35	5.62	4.54	5.13	2.58	1.96	2.63	1.25	3.29	6.42	
September	5.44	2.86	3.82	3.72	4.10	7.77	6.82	4.79	2.38	3.46	
October ....	.84	2.21	4.66	4.73	4.70	4.42	4.91	3.50	5.61	3.95	
November	4.81	5.91	6.84	7.25	2.25	5.12	7.31	2.78	5.36	3.72	
December	4.13	4.49	3.68	4.87	5.39	1.98	6.73	4.19	5.21	4.87	
TOTALS	34.65	45.01	57.44	50.04	46.38	48.35	56.26	33.04	40.37	41.05	45.256

• 1884 Cleator Church 500 yards S.
House 45 ft high 225 ft W.

1880 & 1881 copied from O.S. of W. S. A. Marshall

RAINFALL AT Whitehaven The Floss bleator

Lat. 54° 29' N

Lon. 3° 20' W

County of Cumberland

Rain Gauge, by

Observer D. Ainsworth Esq. M.C.

West Coast Streams - 3

Diameter	5											
Height	1 11											
Altitude	208 T											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	7.68	2.77	3.75	1.32	4.67	1.45	3.53	.28	4.13	7.34	2.692	
February ....	.82	.38	1.15	6.58	5.62	.70	2.28	2.52	4.29	3.63	2.499	
March	3.55	1.92	.79	2.33	2.38	5.15	5.23	6.74	1.81	3.20	2.210	
April	1.52	1.22	1.89	.75	2.36	2.43	2.16	2.93	4.25	5.68	2.519	
May	4.25	1.85	4.79	3.17	4.70	.99	.75	2.74	3.76	5.64	2.261	
June	7.00	1.54	4.06	2.95	4.46	1.35	2.98	5.65	3.20	1.84	2.503	
July	4.58	2.37	2.75	4.32	4.18	5.10	6.54	1.83	.88	5.85	2.5110	
August	5.50	8.59	9.14	6.52	6.03	7.84	3.96	6.14	8.54	2.36	6.462	
September....	4.69	9.25	7.13	3.81	.51	2.01	5.87	4.87	3.71	5.50	4.725	
October	4.45	9.87	5.16	6.81	4.51	5.74	7.03	3.71	4.07	3.41	5.476	
November....	10.14	5.50	3.72	3.45	6.70	4.37	2.32	7.99	4.61	5.12	5.292	
December	3.37	8.20	3.39	6.21	6.27	4.54	6.56	7.33	4.99	4.35	5.521	
TOTALS	57.55	53.46	47.72	48.22	52.39	41.67	49.21	52.73	48.24	53.92	50.511	

1890 bleator Church 500 yd S
House 45 ft high 225 ft W

RAINFALL AT *Cleator The Flish*

Lat. *54° 29' N*

Lon. *3° 26' W*

County of *Lancashire*

Rain Gauge, by

Observer

D. Ainsworth leg

W. coast stream - 3.

Diameter ..	5											
Height	1. 11											
Altitude ..	208 T											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	6.01	3.06	4.21	4.15	5.11	2.17						
February ..	6.53	2.57	1.80	4.63	3.65	2.61						
March ....	.61	2.97	2.77	6.40	3.76	4.90						
April	3.48	3.76	2.37	1.90	3.60	4.12						
May	4.08	2.06	2.90	3.21	2.65	4.65						
June	4.05	3.35	1.75	2.87	1.91	2.31						
July	2.51	.64	4.46	6.50	3.20	2.42						
August	7.94	6.16	4.20	5.14	5.35	3.85						
September ..	5.01	3.27	2.17	6.72	2.03	3.60						
October	5.60	7.94	4.44	10.40	5.52	4.02						
November ..	5.63	5.37	3.41	4.77	5.01	4.23						
December ..	6.82	6.84	4.61	4.09	5.59	3.57						
TOTALS ..	58.27	47.99	39.09	60.78	47.38	42.45						

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1900 Cleator Church 500 yards S
 House 45 ft high 225 ft W
 1903 Woodend Station 1300 yards S