

RAINFALL AT *Ullswater, Seward Fell*

Lat..... Lon..... County of..... *Westmorland*
 Rain Gauge, by..... Observer *G. J. Spence Esq.*

Diameter	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	5.75	3.25	10.50	12.50	5.00	8.25	2.00	10.50	3.75		
February	6.50	4.00	7.50	1.50	4.25	.50	6.00	4.00	3.00		5.75
March	1.50	4.25	3.50	3.00	3.25	1.75	4.75				4.75
April	2.50	2.50	2.25	.50	4.00	1.50	3.25				3.75
May	5.25	1.75	2.00	1.25	1.50	2.75					3.75
June.....	1.25	2.25	4.25	2.25	1.75	3.75					
July	-.75	4.00	4.00	4.25	2.50	2.50	2.50	6.25	.50		11.00
August.....	2.50	2.00	5.25	4.75	8.75	2.00	4.50	6.75	4.50	6.50	
September.....	3.50	3.75	6.50	2.50	9.50	4.75	3.50		5.00	4.50	
October.....	11.75	6.50	9.00	3.50	11.75	4.50	3.75				
November.....	4.25	.75	8.50	2.75	2.75	4.50	3.25				
December.....	2.75	0.75	8.00	3.75	2.50	5.75	10.50	4.50	3.75	3.00	
TOTALS	48.25	43.75	71.25	42.50	57.50	42.50	48.50	—	45.25	43.00	

1877 No^s Gauge found empty

RAINFALL AT Ullewater, Swarath Fell

80

Lat. _____

Lon. _____

County of Westmoreland

Rain Gauge, by _____

Observer G. L. Symonds, Esq., F.R.S.

Eden - 1

Diameter	8											
Height	1.0							1.6				
Altitude	1000	T										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	1.50	3.00	4.75	10.25	9.63	4.50	4.00	5.75	3.00	3.50		
February	8.00		5.50	11.00	7.50	8.75	5.50	3.25	1.00	1.50		
March	1.00	1.50	5.50	3.75	4.50	5.00	5.00	2.25	5.00	2.50		
April	4.50	10.00	6.00	3.50	3.00	3.50	4.00	3.25	3.50	4.50		
May	2.00		3.00	3.50	2.50	2.50	6.75	2.00	3.50	4.25		
June	3.50	4.25	4.50	4.00	1.50	2.00	2.50	1.00	1.25	1.25		
July	6.25	5.00	5.00	5.00	7.50	2.50	6.00	3.25	7.25	3.00		
August .....	.25	7.25	4.00	5.50	1.50	3.75	2.25	3.50	3.75	4.25		
September	6.00	4.00	3.00	6.00	6.75	6.00	6.50	5.50	1.00	2.00		
October	2.00	11.00	6.50	6.25	3.00	6.75	7.50	3.50	8.00	7.50		
November	8.00		6.25	7.00	4.00	2.50	5.00	4.00	8.25	1.50		
December	5.25	5.50	5.00	3.75	7.00	3.00	7.75	5.00	5.50	3.50		
TOTALS	48.25	51.50	56.00	69.50	58.38	48.50	62.75	41.38	51.00	39.25		

1882. Oct. 15 Gauge out of order amount computed

July 1885 2.50 ?

80

RAINFALL AT *Willow Lake Swarth Fell*

Lat.

Long.

County of *Westmoreland*

Rain Gauge, by

Observer

G. J. Symonds Esq F.R.S

Station - 1.

Diameter								5			
Height											
Altitude											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January								6.60	2.90	3.30	
February								4.20	.90	1.50	
March								2.00	5.00	2.60	
April								3.00	3.30	4.40	
May								1.60	3.60	4.10	
June								10	1.40	1.00	
July								(3.25)	7.20	3.60	
August								3.20	3.70	4.30	
September....								5.60	.90	1.80	
October								3.30	7.50	8.30	
November....								3.90	9.50	1.30	
December								5.30	6.60	4.20	
TOTALS								(42.06)	52.50	40.40	

1887 July pipe choked old figure interpolated

RAINFALL AT Ullowater Swarth Fell

Lat. _____

Lon. _____

 County of Westmoreland

Rain Gauge, by _____

 Observer G. J. Symons Esq. F.R.S.
Eden - 1

Diameter		<u>5</u>									
Height		<u>13</u>									
Altitude		<u>1000 ft</u>									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	<u>10.50</u>	<u>4.40</u>									
February	<u>1.00</u>	<u>30</u>									
March	<u>3.00</u>	<u>2.20</u>									
April	<u>1.25</u>	<u>3.00</u>									
May	<u>3.00</u>	<u>3.50</u>									
June	<u>3.50</u>	<u>2.00</u>									
July	<u>3.50</u>	<u>4.20</u>									
August	<u>11</u>	<u>10.20</u>									
September ...		<u>8.50</u>									
October		<u>9.50</u>									
November		<u>6.20</u>									
December		<u>11.70</u>									
TOTALS		<u>65.80</u>									

1890 August gauge maliciously damaged.

RAINFALL AT Ullowater Swarth Fell

Lat. _____

Lon. _____

County of Westmoreland

Rain Gauge, by _____

Observer E. J. Lyman Esq F.R.S

Eden - 1 Monthly

Diameter	5										
Height	1 0	1 3									
Altitude	1000 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	12.00	4.40	3.00	3.40	8.00	2.50	3.00	1.70	4.50	9.50	5.200
February	1.10	.30	3.00	4.70	11.00	.70	3.30	4.00	4.50	5.50	2.810
March	2.30	2.20	1.00	4.50	4.50	6.00	7.30	8.90	1.00	3.00	4.070
April	1.40	3.00	1.30	.50	4.10	3.10	.90	3.30	4.40	3.50	2.550
May	3.00	3.50	3.80	2.00	4.70	1.50	.30	1.70	2.20	3.70	2.640
June	3.60	2.00	4.50	3.00	2.50	.70	4.10	2.70	3.50	1.30	2.790
July	3.70	4.20	2.70	4.00	2.50	6.00	4.00	1.30	1.50	3.60	3.350
August	4.40	10.30	9.50	4.50	4.70	6.50	2.00	9.50	6.00	.60	5.800
September....	4.70	8.50	5.50	4.10	.30	.30	7.50	5.20	2.00	5.30	4.340
October	2.90	9.50	7.50	5.40	8.00	5.00	6.50	4.40	5.00	3.50	5.470
November....	8.00	6.20	(4.00)	3.00	6.50	9.20	2.00	4.20	5.50	8.80	(5.740)
December ....	.40	11.70	1.30	8.00	5.60	4.50	7.00	14.50	10.00	3.00	6.600
TOTALS	47.50	65.80	(47.10)	47.10	62.40	46.00	47.90	61.40	50.10	51.30	(52.660)

1892 November. Gauge believed to have been tampered with, amount computed

RAINFALL AT *Ullswater Swarth Fell*

Lat.

Lon.

County of *Westmoreland*

Rain Gauge, by

Observer *H. Wallis & Dr. Mill*

Eden - 1.

E. B. G. G. G.

Diameter ..	5											
Height	1	3										
Altitude ..	1000	T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	4.80	2.80	2.60	10.00	7.80	2.30	7.70	1.00	4.20			
February ..	7.00	1.60	2.10	11.50	4.50	2.50	3.30	3.00	2.50			
March ....	.50	3.30	2.50	16.00	3.40	5.00	2.90	3.90	5.50			
April	2.80	3.30	2.70	1.30	3.80	4.80	1.50	2.30	3.00			
May	3.50	2.10	2.80	5.30	3.10	.70	7.00	6.00	4.20			
June	3.70	1.90	.60	1.60	1.60	1.90	1.30	4.50	.70			
July	1.70	2.50	3.30	3.50	2.30	1.00	1.90	1.10	3.00			
August	3.70	3.60	2.30	8.20	4.00	5.00	4.50	4.00	6.30			
September ..	3.10	4.40	2.80	5.20	1.60	4.00	1.30	.30	4.40			
October	7.20	4.00	4.30	12.20	1.40	4.00	8.10	8.10	2.50			
November ..	3.70	5.00	5.00	3.40	3.20	5.60	4.30	4.30	3.30			
December ..	11.30	5.50	7.80	5.60	4.20	2.00	2.20	7.50	3.50			
TOTALS ..	53.00	40.00	38.80	53.80	40.90	38.80	46.00	46.00	43.10			

1907 Dec Gauge about for repair. No pointer