

# Rainfall at Sea Toll Pike.

E-x-99

40

3166 + S L

YEAR - -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -									—		
February - -									—		
March - - -							# 6.51	16.47	—		15.53
April - - -							4.39		—	1.48	
May - - - -							2.40	6.16	# 4.42	4.42	
June - - - -							5.00	5.05	8.58	2.75	
July - - - -							14.38	3.25	10.65	11.99	
August - - -							7.05	8.39	9.74	8.98	
September -							3.22	8.75	5.11	4.54	
October - - -							13.40	12.38	10.96	14.00	
November -							1.80	9.55	6.81	13.02	
December -								—	0.46		
TOTALS -										76.71	

c c c c

Phil Tr. 8-48

1847 Dec. } Gauge burst.  
1848 April }

Rainfall at Sea Side Pike  
*Miller's Map No XX1*

50  
 E-47-106

Observer

Gauge

Above Sea Level 3166 ft

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -	26.30	—	—	—							
February - -	10.50	—	—	—							
March - - -	10.00	—	1.11	—							
April - - -		—	18.68	6.08							
May - - - -	5.48	16.89	6.63	7.75							
June - - - -	6.00	6.83	8.20	3.44							
July - - - -	9.56	11.30	5.68	15.88							
August - - -	11.16	10.80	8.98	7.20							
September -	3.53	4.72	4.00	5.19							
October - - -	24.08	9.11	8.02	6.61							
November - -		—	—	3.20							
December - -	5.81	11.64	20.00	.85							
TOTALS -	86.61	71.29	81.30	58.17							

c c c c

1-3 Miller Phil Tr. Ed. 5-49

Rainfall at Scafell Pike

60

Highest point in England

J. Fletcher Esq.

Diameter of Gauge, ..... in.

Height above Ground, ..... ft. 6 in.

Above Mean Sea Level, 3,200 ft.

YEAR - -					1864	1865	1866	1867	1868	1869	MEANS,
January - -					6.31		{ 4.40	7.65	6.20	7.87	
February - -							{ frozen	3.20	7.56	frozen	
March - - -					{ 8.66		{ 9.60	frozen	9.60	"	
April - - -						8.57	{ frozen	7.37	6.65	10.44	
May - - - -					2.36	8.22	5.18	3.55	3.16	2.51	
June - - - -					9.22	.00	4.20	3.84	2.25	2.09	
July - - - -					2.57	5.50	6.62	6.20	2.31	4.05	
August - - -					5.90	9.41	8.21	8.30	10.14	4.05	
September -					12.21	2.42	9.65	7.62	3.66	10.88	
October - - -					6.22	1.87	4.44	4.38	5.59	7.10	*
November - -					5.68	5.65	{ frozen	frozen	4.34	frozen	
December - -					13.50	7.54	6.38	7.84	9.31	10.07	
TOTALS - - -					73.20	49.12	68.66	59.95	70.77	59.06	

✓ c c c c c c

1864 measured monthly

1869 Oct. some ice

RAINFALL AT *Scaupell Pike*

Lat..... Lon..... County of *Cumberland*  
 ..... Rain Gauge, by..... Observer *S. Fletcher Eng.*

Diameter .....			4								
Height .....			6								
Altitude .....			32.00								
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....			9.90		8.33	5.50					
February.....			4.60			frozen					
March.....			6.41				Frozen	Frozen			
April.....		4.93	5.50					Frozen			
May .....			2.82			4.35	5.10	3.80	5.30	2.65	
June.....			7.23		1.05	6.65	3.00	3.70	3.70	5.00	
July .....			6.27		6.14		4.39	7.20	2.16	7.00	
August.....			8.95			5.43	4.40	5.30	8.00	3.00	
September.....			15.62		Receiver stopped	4.80	8.90	4.00	6.10	8.75	
October.....			12.80	7.10		frozen	frozen	8.29		3.20	
November.....			6.15	5.94		frozen	frozen				
December.....			4.50	4.88	3.00		14.20	4.80		8.00	
TOTALS .....			90.75						49.25	—	

New gauge fixed 30th Sept. 79. I expect better results from new gauge for though it is not for from this ~~one~~ it will be less easily seen and being more difficult to handle howlers will not abstract water. Letter from J.M. 7.10.79

1879 Gauge frozen up in Jan'y. Feb. Mar. & Nov<sup>r</sup>





# RAINFALL AT

*Scapel Pike*

*Broad Cray  
4-13-82  
1896  
1895*

**80**

Lat. ....

Lon. .... County of *Cumberland*

Rain Gauge, by .....

Observer

*J. Waitland, Esq*

*West Coast Streams - 3*

Diameter ....	8										
Height .....	6										
Altitude ....	3200T										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	2.30	.30	11.00	8.00							
February ....	9.10		12.20	16.20							
March .....	9.50	12.10	13.00	3.00							
April .....	3.10	2.00	11.00								
May .....	5.60	10.85	9.10								
June .....	12.20	8.95	13.00								
July .....	12.30	9.00	21.10								
August .....	4.30	18.20	9.30								
September ...	12.10	9.00	11.20								
October ....	2.10	7.20	7.20								
November ....	11.10	14.00	10.30								
December ....	12.10	4.00	13.00								
TOTALS ...	(95.60)	95.60	41.40								

*1880 March-May Gauge broken amounts computed*

# RAINFALL AT

*Scafell Pike*

80

Lat. ....

Lon. ....

County of

*Cumberland*

Rain Gauge, by

Observer

*J. Maitland Esq.*  
*Mr. E. Wilson*

*West Coast of Cumbria - 3*

Diameter ....	4	4										
Height .....	6	0.6										
Altitude ....	3200	3200										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS,	
January ....	<i>frozen</i>	<i>frozen</i>	<i>frozen</i>	<i>frozen</i>	1.50	3.35	<i>frozen</i>	12.40	12.10			
February ....	4.00	"		1.50	<i>frozen</i>	<i>frozen</i>	"					
March .....	4.00	"	19.40	<i>frozen</i>	"	"	"					
April .....	1.60	6.30	10.20	7.70	4.10	19.00	4.25					
May .....	5.33	7.35	9.50	4.35	10.50	4.30	7.70	3.10	3.20	6.30		
June .....	7.30	6.00	11.30	7.45	2.00	7.20	4.86	2.05	2.55	1.86		
July .....	7.62	6.60	19.70	6.40	7.10	13.20	13.45	10.00	10.30	13.90		
August .....	2.25	13.20	7.20	14.80	3.30	8.40	10.45	3.75	9.40	11.73		
September ....	7.00	6.70	10.88	12.10	13.70	12.14		13.70	19.40	7.40		
October ....	<i>frozen</i>	<i>frozen</i>	6.10	13.50	10.00	<i>frozen</i>		6.30		16.55		
November ....	8.36	16.50	7.40	7.10	12.40	"	10.00	5.90	15.30	16.10		
December ....	8.50	2.80	9.60	10.00		14.10	6.15		12.30			
TOTALS ...	<del>55.96</del>		111.28	<del>81.90</del>	<del>4.60</del>	<del>81.64</del>		<del>57.20</del>				

*bad*

*bad. bad. bad.*

*bad*

1886 Sept & Oct Gauge tampered with.

1887 Too small in the winter months doubtless owing to snow

1888 " " " " " " " " " " " "

1889 Jan'y to April Gauge damaged by frost & under repair



# RAINFALL AT Scaupel Pike

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of Cumberland

Rain Gauge, by \_\_\_\_\_

Observer G. J. Symons Esq. F.R.S.

West Coast Streams - 3.

West Coast Streams - 5.											
Diameter . . . .		4									
Height . . . . .		6									
Altitude . . . .		3200									
Year . . . . .	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January . . . .		8.20	10.00								
February . . . .		.20	(2.70)	20.20	35.00	(16.00)					
March . . . . .		(2.50)	(3.23)			24.20					
April . . . . .		(8.10)	20.23	1.00	5.85	(6.20)					
May . . . . .	6.00	3.50	10.30	6.00	6.20	1.10					
June . . . . .	18.35	3.65	8.05	5.10	10.25	3.50					
July . . . . .	14.00	5.30	7.50	12.10	8.05	12.20					
August . . . . .	15.75	21.15	20.15	14.10	15.10	17.30					
September . . .	16.00	24.65	26.05	10.20	.25	6.00					
October . . . .	9.60	13.25		16.30	16.05						
November . . .			22.20			29.45					
December . . .	15.10	22.40	6.10	27.75	25.60						
TOTALS . . . .		110.50	120.28	112.75	122.35	93.75					

*longly anticipated by the public*

1890 Jan'y to April record unreliable owing to frost and snow



# RAINFALL AT

*Scarfell*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of *Cumberland*

Rain Gauge, by \_\_\_\_\_

Observer

*W. Marshall*

*W. Coast stream - 3.*

Diameter ...											
Height .....											
Altitude ...											
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...								2.00			
February ...								1.70			
March .....								6.10			
April .....											
May .....											
June .....											
July .....								5.77			
August .....								12.25			
September ..							6.90	2.43			
October ...							15.90	18.52			
November ...							11.27	rozen			
December ...											
TOTALS ...											

1907 April - June Gauge damaged

1908 Gauge broken v. 8.