

RAINFALL AT *Buttermere Tassness*

80

Lat..... Lon..... County of *Cumberland*

Rain Gauge, by..... Observer *S. Stewart*

Derwent - 2

Diameter								5			
Height								1.0			
Altitude								355			
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January								9.02	5.30	7.92	
February								7.87	2.00	5.30	
March								2.78	7.45	6.29	
April								7.58	5.69	5.45	
May								3.91	6.54	6.22	
June								1.21	2.28	1.04	
July								10.02	9.16	4.37	
August								5.27	8.62	10.97	
September....							16.65	11.13	3.68	5.93	
October							8.63	6.44	13.85	12.27	
November							11.84	6.81	14.98	5.55	
December							15.03	9.18	16.49	12.95	
TOTALS								81.22	96.04	84.26	

1888 *Buttermere Church* 1 mile NW
Wall 7 feet high 10 feet SW

RAINFALL AT *Buttermere Hassness*

Lat.

Lon.

County of *Cumberland*

Derwent - 2.
Rain Gauge, by

Observer *W. S. Stewart*

Diameter	5											
Height	10											
Altitude	355											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	19.07	9.55	9.52	5.91	17.09	4.00	7.35	2.05	9.90	18.29	10.273	
February	2.08	.87	3.38	15.28	15.93	1.42	7.89	8.82	10.10	8.76	7.1453	
March	7.95	4.21	3.94	4.26	7.80	9.24	13.88	15.73	3.67	8.69	7.937	
April	3.45	4.69	3.01	.97	3.04	7.00	4.52	6.53	9.09	9.52	5.182	
May	6.49	4.48	9.53	4.15	6.87	1.18	.93	5.39	4.91	7.75	5.168	
June	9.69	2.68	6.65	5.05	5.45	2.07	5.61	7.81	6.34	1.83	5.018	
July	9.54	5.03	5.60	7.67	4.74	8.25	7.62	4.86	2.17	4.73	6.021	
August	8.44	23.38	14.79	11.65	10.75	11.23	6.79	16.27	13.20	3.37	11.987	
September....	11.77	19.41	19.04	9.13	.35	4.00	13.84	9.65	5.94	10.83	10.896	
October	7.72	15.67	10.38	11.83	10.52	7.69	11.66	7.74	9.20	10.07	10.248	
November....	19.55	12.45	9.85	7.62	18.75	9.94	3.66	13.86	(12.73)	16.40	(12.481)	
December99	22.51	5.40	19.03	11.82	7.89	13.96	20.07	17.70	6.37	12.574	
TOTALS . . .	106.74	124.93	101.09	102.55	113.11	73.91	97.71	118.78	(104.95)	106.61	(105.038)	

1891 Buttermere Church 1 Mile N
Wall 6ft high 10ft NW & SE
1898 Nov 1st Gauge flooded

RAINFALL AT *Buttermere, Lancashire*

Lat.

Lon.

County of *Cumberland*

Rain Gauge, by

Observer

Mr J. Stewart

Descent - 2.

Dr J.W.A. Cooper (per J.R. Gordon) Mr R. Johnston Mr J. Cassell

Diameter ..	5										
Height	10										
Altitude ..	355										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	14.24	7.43	10.75	17.35	15.41	6.60	16.04	3.44	12.02	10.66	
February ..	9.34	3.42	2.78	16.84	8.33	6.70	8.06	4.60	6.40	10.37	
March	1.32	8.44	6.92	24.12	11.13	10.83	6.75	10.38	9.57	6.91	
April	6.26	7.39	5.31	3.19	9.85	8.49	2.24	5.07	2.99	6.39	
May	8.14	2.90	4.27	5.30	6.91	6.86	12.91	9.36	6.05		
June	8.15	5.03	1.88	3.11	5.28	5.82	3.63	14.99	6.86		
July	3.87	1.84	5.33	8.74	7.37	3.82	6.23	3.55	7.87		
August	10.31	9.76	5.41	14.44	10.21	8.00	11.54	8.97	13.81	5.36	
September ..	10.08	8.52	5.20	11.29	6.72	7.11	3.15	1.92	12.30		
October	10.64	11.92	8.80	20.82	5.77	8.23	15.97	15.29	3.81		
November ..	10.34	11.77	7.15	7.27	7.20	13.43	9.59	9.24	8.64		
December ..	22.61	11.63	12.91	11.50	13.76	8.38	7.20	16.20	10.67		
TOTALS ..	115.30	90.05	76.66	143.97	107.94	94.27	103.31	103.01	100.99		

1902 Buttermere Church 1 mile N
 Wall 6 ft high 10 ft S
 Cockermouth Station 10 miles
 Keweenaw Station

This is a private asylum, & the obs^{ns} are taken by patients (misheard 189)

RAINFALL at Buttermere, Lancashire.County of CumberlandObserver S. StanleyRiver Basin Derwent 2E. 10 inGlaisher Rain Gauge, by
(126)

Diameter ...		5					6				
Height		1	0								
Altitude ...		350									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.
January ...	12.60	20.84	5.24	10.49	12.29	10.76	16.19	13.13	25.09	3.00	19.06
February ...		9.60	4.9	13.12	2.01	11.44	12.22	5.83	9.71	2.07	1.07
March		20.71	7.58	5.08	2.19	4.31	4.47	9.95	11.31	2.00	5.04
April		2.41	3.88	7.80	7.07	10.83	7.80	5.94	4.26	2.76	4.09
May		6.33	6.89	8.41	14.79	13.82	6.38	4.90	1.30	7.71	4.14
June81	5.69	4.66	8.09	.61	7.63	8.07	11.30	4.03	6.35
July		6.13	11.49	8.79	13.20	2.49	6.61	9.11	10.85	10.86	5.92
August		13.38	8.26	18.67	11.19	10.03	7.68	8.24	13.88	12.98	14.54
September...		4.32	5.92	16.36	26.70	7.90	8.81	15.68	8.16	3.13	6.07
October		5.49	5.96	25.96	13.37	12.87	7.69	11.30	17.05	13.89	21.14
November...		4.73	6.09	18.31	10.09	4.05	14.42	12.96	20.59	24.61	11.18
December...		15.12	17.30	10.86	24.64	8.98	1.85	2.21	10.80	18.88	9.84
TOTALS...		101.27	97.79	148.51	146.23	98.09	101.75	107.28	144.30	105.42	108.44

(1922) Red Lake ^{fur} 2479 S.W.
 High Cray 2443 Half S.W.
 High Style 2443 2 S.
 Robinson 2417 mile N.E.

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1921	54° 36'	2° 8'	Kewinick	79 mi	N.E.	Buttermere	3 1/4 mi	N

RAINFALL at Buttermere (Hassness)County of Cumberland, Observer E. Dixon, Esq.River Basin Derwent - 2Type of Gauge GlincherAnnual Average 195.9 in. based on 39 years obs. un-weighted. Period of average 1881-1915 Ref. 8

74/1370/27.

Diameter	6.											
Height	1.0.											
Altitude	350.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	11.28 ⁰²	19.29	14.06	19.47	5.37	13.84	15.88	15.19				
February	8.73	10	7.81	5.7	15.95	5.62	13.15	5.96				
March	1.91	7.07	8.45	5.74	2.10	6.59	5.08	9.26				
April	5.15	8.72	3.82	6.40	6.87	1.85	5.89	1.41				
May	6.40 ⁵	6.47	3.42	9.06	1.20	1.80	3.07	9.68				
June	11.87	3.36	4.52	4.44	8.70	7.66	5.81	13.94				
July	12.25	10.53	9.67	2.64	4.36	10.64	5.95	18.21				
August	6.59	3.65	6.81	11.52	6.13	4.92	5.14	6.45				
September	4.43 ⁵	10.27	1.71	16.26	16.42	10.05	9.30	7.05				
October	4.98	17.58	7.19	17.54	15.04	8.85	5.64	25.28				
November	18.01	8.10	3.28	2.45	10.27	11.21	2.41	16.78				
December	8.99	22.87	1.13	17.61	5.73	17.51	6.67	3.47	#			
TOTALS	101.45 ²	118.01 ²	71.87 ²	113.70 ²	98.14 ²	100.54 ²	83.99 ²	127.68 ²				

1934. Box-edging 9" high 1'S.W. Greenhouse 5'9" high 20' N.W.
 1939. House sold, observer moved from the district

Position of Station on reduced Ordnance Survey Map, } No. of Map..... Reference No.....
 1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
			Brathwaite	7m.	S.	Buttermere	1m	N.W.