

RAINFALL at Blea Water Farm

County of Westmorland Observer G. H. Hill, Sons. C.E.

River Basin Eden 1.

Snowdon Rain Gauge, by

Diameter ...										5"	
Height .....										1.0	
Altitude ...										1.477	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...											9.53
February ...											2.11
March .....											7.99
April .....											4.83
May .....											2.00
June .....											4.61
July .....											2.31
August .....											6.81
September...											9.80
October ...											17.22 ± 6.3
November..											6.51 6.55
December...											13.62 14.98
TOTALS ...											74.15

Rejected from Survey

8° too low

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

## RAINFALL at Blea Water

County of Westmorland

Observer Mess<sup>rs</sup> G.H. Hill & Sons C.E.

River Basin Eden 1

L. Holme Lewis CE (1921)

Snowdon Rain Gauge, by

Manchester Corp. W.W.

Diameter ...	5"										
Height .....	10										
Altitude ...	1477						1465				
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS
January .....	12.95	17.54	9.31	8.07	8.69	9.58	14.71	9.53	23.91	2.56	14.60
February .....	9.97	3.8	10.88	14.40	1.14	11.17	13.10	6.54	10.38	2.86	.65
March .....	10.26	17.53	6.17	5.84	2.99	3.57	4.86	10.45	9.93	1.62	4.30
April .....	9.92	2.02	3.79	6.80	3.92	9.73	6.15	5.46	2.94	3.15	3.74
May .....	11.30	6.78	5.12	5.54	10.79	12.25	5.27	3.98	1.70	7.05	3.06
June .....	3.74	3.4	4.61	3.75	6.72	.18	7.81	6.60	12.82	4.10	4.15
July .....	12.03	7.00	12.53	4.93	10.80	2.61	8.74	8.34	9.60	12.40	5.99
August .....	8.15	12.95	8.28	18.87	9.31	10.08	9.45	11.30	14.45	12.77	13.34
September...	4.36	3.15	8.59	11.12	15.06	9.01	7.32	11.44	7.23	3.99	6.79
October.....	3.05	4.37	3.62	20.26	11.40	11.98	6.77	12.53	24.75	11.91	17.69
November...	8.72	4.39	5.25	11.99	3.70	3.18	15.94	12.07	18.85	19.07	10.99
December...	11.20	14.79	16.88	10.51	21.51	9.89	1.52	2.20	8.19	15.67	10.02
TOTALS...	106.15	126	75.24	122.08	111.03	93.33	101.64	103.47	144.70	96.65	95.32

Repealed from Survey: 8° too low

Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_  
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge

## RAINFALL at Blea Water

County of Westmorland

Observer Manchester Corp. W.W.

River Basin Eden - 1

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref.

660604/26.

Diameter	5.										Means
Height	1.0.										
Altitude	1465.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	6.07	22.27	14.50	22.08	4.47	15.17					
February	6.75	.74	9.01	.79	15.94	5.13					
March	1.70	6.58	7.93	8.34	4.04	7.57					
April	5.54	11.93	5.46	7.36	8.00	2.76					
May	6.75	8.84	4.17	10.41	.99	2.87					
June	10.87	8.81	4.49	6.30	9.81	7.46					
July	9.34	9.78	9.75	2.73	4.62	13.28					
August	7.05	1.74	6.89	10.07	7.02	7.49					
September	5.42	8.35	3.58	15.39	19.24	11.99					
October	8.43	18.14	8.37	20.18	16.47	9.11					
November	21.87	9.23	4.80	2.49	11.69	11.98					
December	7.59	18.81	1.64	18.17	6.11	18.39					
TOTALS	97.38	119.72	80.59	124.31	108.40	12.70					

Rejected 12/10/31 - pronounced overexposed. New g 3664/1 set up on selected site 8/1/32.

Range removed in letter 10.2.37 - file 196738132

Rejected from Survey: 8° too low

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

## RAINFALL at Blea Water B

County of Westmorland

Observer Manchester Gorss. W.W.

River Basin 1 - Eden

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref.  
196738/32.

Diameter	5"											
Height	10											
Altitude	1420											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	(6.07) (22.70)	14.66	23.62	5.58	16.06	14.92	23.54	19.49	4.02	15.36		
February	(6.75)	.93	9.26	.98	16.28	5.44	15.41	6.98	19.11	4.18	8.53	
March	(7.0)	6.75	5.29	8.74	4.19	7.36	4.49	13.89	9.82	18.44	7.85	
April	(5.34)	12.13	5.88	7.81	8.00	2.99	7.68	1.28	5.12	4.45	6.08	
May	(6.75)	8.64	4.35	10.90	1.18	2.55	3.56	8.81	1.64	2.21	5.05	
June	(10.87)	3.89	4.67	6.69	10.69	7.05	7.76	17.16	10.35	1.28	8.04	
July	(9.34)	9.97	10.15	2.98	4.93	13.79	6.98	18.15	14.41	9.04	10.27	
August	(7.05)	1.81	7.56	10.35	7.45	7.94	5.35	8.40	5.53	4.41	6.58	
September	(5.42)	8.51	3.59	15.88	20.44	12.52	11.32	7.75	4.84	9.11	9.38	
October	(8.43)	18.28	9.82	21.14	17.99	16.06	5.71	34.89	4.57	14.67	15.15	
November	(21.87)	9.38	5.06	2.62	13.42	12.02	3.61	23.15	23.91	14.48	12.93	
December	(7.59)	19.01	1.76	20.84	6.53	20.66	6.93	11.37	6.48	11.46	11.29	
TOTALS	(7.38) (21.90)	85.05	132.55	116.68	124.44	96.72	175.37	128.60	92.75	117.44		

{ I/32. Gauge erected on site selected by our inspector 120' above the old site and 40' lower.  
Recommended to try without a turf wall.

January estimated by surrounding stations.

Printed in B.L. with foot-note "Turf wall set up round gauge"

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	Parish Church.	Distance from gauge	Direction

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

RAINFALL at S Blea Water "B"County of WestmorlandObserver Manchester Corp. W.W.River Basin Eden - 1

Type of Gauge.

Annual Average ... in. based on ... years obs. un-weighted. Period of average ... Ref.

104.0 computed by Mr. Cornish (1944)

f A20048/40

File No. 196738/32

Diameter	5"			601	184						
Height	1' 0"					1					
Altitude	14000'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.00	11.44	22.19	13.51	8.07	13.20	14.00	18.93	8.50	6.80	1176.4
February	11.89	3.60	10.56	3.90	12.50	7.60	(2.70)	8.02	10.38	10.00	81.15
March	6.03	9.52	3.76	1.43	6.66	6.62	(1.00)	8.64	3.28	6.77	63.71
April	8.95	8.58	6.84	4.47	5.27	2.12	12.75	4.39	8.74	5.48	68.59
May	4.87	9.16	8.05	5.31	8.08	1.98	5.11	4.08	4.47	3.80	54.61
June	4.8	1.04	11.09	9.65	8.13	8.94	6.16	10.65	1.61	4.89	62.34
July	3.16	7.01	8.51	6.09	5.88	9.26	5.64	5.28	3.83	2.66	62.29
August	13.53	11.17	17.04	8.74	3.31	10.45	4.48	10.89	4.37	14.90	94.88
September	2.35	12.12	11.65	11.32	11.13	17.49	11.24	10.59	2.39	(13.17)	103.45
October	12.40	9.90	14.34	10.75	13.11	1.88	3.14	8.17	12.89	(9.39)	95.97
November	8.37	2.80	6.41	18.93	1.03	18.12	12.95	7.90	16.30	7.54	100.35
December	7.61	14.84	7.50	7.88	7.32	11.47	3.52	14.53	14.68	3.93	93.28
TOTALS	77.64	101.13	124.94	101.98	90.49	109.13	(88.69)	112.02	91.46	93.73	991.26

\$ Turf wall round gauge.

1947 Feb &amp; March put out for snow. low 2. Put with 2.

1950 Sett-out organisation end.

30004

00144

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	Parish Church.	Distance from gauge

Station No. 3664/1 Ref. 39

## RAINFALL at Blea Water.

County of Westmorland

Observer Manchester Corp. W.W.

River Basin Eden - 1

Type of Gauge Bowditch (on inspection)

Annual Average in. based on years obs. un-weighted. Period of average 1916-50  
" " 117.55 " 26 " within 1932-57 " "

Ref. S.

File No. 96738/32 220/34/96

Diameter ...	5"			601	184						
Height ...	1' 0"					1					
Altitude ...	1400'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	9.30 (9.20)	3.52 (9.80)	11.19	9.10	25.92	13.02	7.88	16.49	115.42		
February	9.61 (2.37)	4.20 (7.80)	3.13	2.05	11.78	12.24	4.97	17.90	76.05		
March	4.42 (8.00)	2.22 (7.63)	6.12	4.62	13.14	2.89	10.22	3.08	61.34		
April	6.97	6.82	6.54 (2.23)	4.81	2.33	3.84	4.43	10.86	11.15	59.48	
May	2.39 (4.27)	4.55 (7.51)	11.57	7.97	5.97	10.12	2.34	4.12	60.81		
June	2.28 (6.60)	4.93 (10.85)	8.54	6.33	3.87	6.96	8.63	7.79	66.78		
July	4.60	3.26	13.45	9.10	3.92	10.04	9.86	7.98	10.56	11.69	84.46
August	9.34	9.38	10.03 (10.50)	11.30	16.38	11.98	8.73	2.42	6.87	89.93	
September	15.31 (10.61)	13.48	22.01	8.85	8.64	12.04	14.70	2.27	6.67	(14.58)	
October	1.45 (3.75)	6.14	32.18	8.20	12.31	16.89	11.89	15.22	8.04	126.07	
November	19.79 (7.26)	15.10	2.22	5.41	4.64	5.17	2.51	16.81	25.30	123.21	
December	18.26 (9.83)	5.76	19.12	21.23	17.27	14.17	10.34	24.89	16.02	156.89	
TOTALS ...	103.72 (91.35)	89.92 (159.95)	95.77	101.68	134.63	105.81	117.07	135.12	1135.02		
	M n.p. n.p.	n.p. n.p.	n	n	n	M	M	M	M		

1952 n.p. too much silt.

1953 n.Plow.

1954 big stone gauge nearly new. Open flat app + pebbles (snow). May open app. Area of ground incl.

1955 Rather big but accept. Inspected 27/7/52 in shells. Gauge sand. Ground slopes SW in valley running NE SE possibly off S. No reason.

S Turf wall. 11174 11204

Position of Station on Ordnance One-Inch map : No. of Map 83 National Grid Reference 351/456.108

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
						10	

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
				c 1932	v	