

RAINFALL at

*Plea Water Tarn*County of *Westmorland*Observer *G. H. Hill & Sons. C.E.*River Basin *Iden . 1 .**Snowdon* Rain Gauge, by

Diameter ...											
Height									5		
Altitude ...									100		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1477	1919	MEANS.
January ...										9.53	
February ...										2.11	
March										7.99	
April										4.53	
May										2.00	
June										4.61	
July										2.31	
August										6.81	
September...										9.80	
October ...									17.22	2.63	
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 Blew WaterCounty of WestmorlandObserver Messrs G. H. Hill & Sons G.E.River Basin Eden 1L. Holme Lewis C.E. (1921)Knowsley Rain Gauge, byM. Leister Corp. W.W.

Diameter ...	5											
Height	1	0										
Altitude ...	1477						1465					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEAN	
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	38	10.82	14.40	1.14	11.17	13.10	6.54	10.73	2.36	.65	
March	10.26	17.53	6.17	5.84	2.99	2.57	4.86	10.45	9.93	1.62	4.30	
April	9.92	20.2	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	12.35	5.27	3.98	1.70	7.05	3.06	
June	3.74	3.4	4.41	3.75	6.72	.13	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	2.15	8.59	11.12	15.06	9.01	7.32	14.47	7.23	3.99	6.79	
October	3.55	4.37	3.63	20.26	11.40	11.98	6.77	12.53	24.75	11.91	17.69	
November...	8.72	4.39	5.85	11.99	8.70	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	8.79	15.67	10.02	
TOTALS...	106.15	71.24	95.44	122.08	111.03	93.32	101.64	103.47	144.70	96.65	95.32	

Repealed from Survey: 8" low lowPosition of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

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

RAINFALL at Blea WaterCounty of WestmorlandObserver Manchester Corpn W.W.River Basin Eder - 1

Type of Gauge

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

660604/26.

Diameter	5.											
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	8.34	4.17	10.41	.99	2.37						
June	10.87	2.81	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	4.50	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	112.70						

Inspected 12/10/31 - pronounced accurate. Two g. No. 11 set up on selected site 2/1/32.

Gauge removed near Alt. 10.2.37 - file 196738732

Rejected from survey: 8" too low.

Position of Station on reduced Ordnance Survey Map,
1 mile to 1 inch Series

No. of Map

Reference No.

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

RAINFALL at Blea Water 'BCounty of WestmorlandObserver Manchester Gt. W. W.River Basin 1 - Eden

Type of Gauge

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

19673832.

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	17.92	23.54	19.49	4.02	153.66		
February	(6.75) .93	9.26	.98	16.28	5.44	15.41	6.98	19.11	4.18	85.32		
March	(1.70) 6.75	8.29	8.74	4.19	7.36	4.49	13.69	9.82	18.44	78.67		
April	(5.54) 12.13	5.88	7.81	8.00	2.99	7.68	1.28	5.12	4.45	60.88		
May	(6.75) 8.52	4.35	10.90	1.18	2.55	3.56	8.81	1.64	2.21	50.52		
June	(10.87) 3.89	4.67	6.69	10.69	7.05	7.76	17.16	10.35	1.28	80.41		
July	(9.34) 9.97	10.15	2.98	4.93	13.79	6.98	18.15	17.41	9.04	102.79		
August	(7.05) 1.81	7.56	10.35	7.45	7.94	5.35	8.40	5.53	4.41	65.85		
September	(5.42) 8.51	3.59	15.88	20.44	12.52	11.32	7.75	4.84	9.11	92.38		
October	(8.43) 18.28	9.82	21.14	17.99	16.06	5.71	34.89	4.57	14.67	151.56		
November	(21.87) 9.38	5.06	2.62	13.42	12.02	3.61	22.15	23.91	14.48	125.52		
December	(7.59) 19.01	1.76	20.84	6.53	20.66	6.93	11.37	6.78	11.46	112.93		
TOTALS	(17.38) (21.90)	85.05	132.55	116.68	124.44	96.72	175.37	128.60	92.75	1714.44		

1932 { I/32. Gauge erected on site selected by our inspector 120' SW of 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.....
 1 mile 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

Station No. ^{T.F.} X 3664/1RAINFALL at 3 Blea Water "B"

41

County of WestmorlandObserver Manchester Corps. W.O.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 (1948)
F A20048740File No. 196738/32

Diameter	5"				601	184						
Height	1' 0"					1						
Altitude	420 1400'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.00	11.44	20.19	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	(11.00)	8.64	3.28	6.77	63.71	
April	8.95	8.58	5.84	4.47	5.27	2.12	12.75	4.39	8.74	5.48	61.59	
May	4.87	9.16	8.05	5.31	8.08	1.98	5.11	4.08	4.47	3.50	54.61	
June	4.8	1.04	11.09	9.65	8.13	8.94	6.16	10.65	1.61	4.59	62.34	
July	8.16	7.01	8.51	6.09	5.88	9.26	5.64	5.23	3.85	2.66	62.29	
August	13.53	11.17	17.04	8.74	3.31	10.45	4.8	10.89	14.37	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	
	M	M	M	M	M	M	M.?	M	M	M		

5' Turf wall round gauge.
 1947 Feb & March put out for some. Low? But with?
 1950 Sept-Oct operation out.

30004

00104

Position of Station on reduced Ordnance Survey Map, }
1 mile to 1 inch Series.

No. of Map.....

Reference No.....

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

BRITISH RAINFALL ORGANIZATION

Observer

Type of Gauge..... Bracket (on inspection)

File No. 196738/32

§ 7. wall.

(62) Wt. 13072-389 10M 6/50 T.S. 841