

RAINFALL AT Shap, Tailbert-Beck 80

Lat.

Lon.

County of Westmoreland

Rain Gauge, by

Observer M^{rs} W. Hoggart

Eden - 1.

Diameter	5											
Height	1. 0											
Altitude	900T											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January60	7.80	14.50	12.05	7.05							
February	7.70	9.95	8.55	6.45	14.45	16.20						
March	7.20	7.05	4.00	5.75	7.60							
April	1.45	6.65	2.55	2.15	4.15	4.90						
May	7.05	4.55	3.95	6.90	5.25	6.40						
June	7.40	6.00	5.80	7.95	2.00							
July	5.70	11.95	4.20	6.00								
August	#	9.20	5.00	5.60	1.00	7.55						
September	5.68	3.65	3.25	6.50	6.40	7.10						
October	1.75	3.55	4.85	9.90	3.95	7.00						
November	15.75	12.50	8.95	9.55	5.80	5.20						
December	6.25	13.10	7.70	6.00	12.15	5.40						
TOTALS	79.10	85.20	81.10	69.55	72.65							

Rejected from Survey: 20° too High.

RAINFALL at Shap Yailbert HeadCounty of WestmorlandObserver Messrs G. H. Hill & Son Ltd.River Basin EdenL. Holmes Lewis CE (1921)Snowdon Rain Gauge, byManchester Corp. W.W.

Diameter ...	5"										
Height	1' 0										
Altitude ...	1103										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920- MEANS.
January ...	8.89	11.28	5.09	5.12	6.33	10.82	8.94	7.90	15.72	1.77	10.84
February ...	6.19	2.22	6.06	8.60	6.69	7.81	6.49	3.76	5.82	1.10	.49
March	8.46	9.48	5.03	2.76	1.21	1.70	2.59	5.90	7.91	.71	4.89
April.....	6.07	1.34	3.46	4.18	2.91	6.90	3.30	3.04	1.74	1.76	2.25
May	7.55	3.71	2.49	3.20	6.90	7.55	2.45	2.78	1.77	3.92	2.28
June	1.97	2.22	2.18	1.43	2.34	.16	5.36	3.29	7.78	1.90	3.79
July	6.92	3.36	6.03	3.46	5.32	1.52	3.78	4.88	3.70	6.65	4.15
August	3.21	6.95	4.33	10.52	3.47	4.93	5.46	7.75	8.73	5.96	8.89
September...	2.63	2.00	3.63	5.93	10.05	5.52	4.22	6.44	3.03	2.08	4.14
October.....	2.63	1.82	2.03	12.08	5.53	7.32	4.70	8.40	11.84	7.09	10.76
November...	7.11	2.50	2.92	7.22	3.69	1.90	10.48	4.54	10.74	12.07	7.23
December...	7.75	8.79	11.81	5.49	15.11	5.25	.94	1.48	5.14	11.84	6.64
TOTALS...	69.38	51.67	55.06	69.99	63.45	60.88	58.71	60.46	83.32	56.75	65.85

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	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge

RAINFALL at Shap (Tilber Head)

County of Westmorland,

Observer Manchester Corp. W.W.,

River Basin Eden - 1.

Type of Gauge.....

Annual Average 55.6 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. 3

660604/26

Diameter	5.												
Height	1.0.												
Altitude	1100.												
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means		
January	4.33	11.87	8.24	10.31	2.17	8.10	7.82	10.54	10.24	1.87	75.21		
February	4.37	.09	5.23	2.23	9.01	3.24	6.68	2.91	4.84	1.93	41.56		
March	1.34	4.11	4.51	3.52	1.84	3.28	1.88	4.30	4.50	6.03	35.41		
April	2.81	5.03	1.71	4.33	4.96	1.19	3.20	3.39	1.55	2.31	27.48		
May	3.78	4.85	3.12	4.42	.56	1.44	2.83	4.69	.92	2.17	28.28		
June	5.84	3.10	2.08	2.13	5.48	3.76	1.97	6.80	4.44	1.13	37.06		
July	5.02	6.61	4.05	2.27	1.79	6.11	2.26	8.34	8.83	5.47	50.67		
August	4.29	1.59	2.42	4.49	3.01	2.11	2.47	3.10	3.96	1.41	28.85		
September	2.69	4.95	2.07	1.01	10.01	6.35	4.19	2.65	2.22	4.57	66.71		
October	3.42	9.91	5.91	9.63	8.94	4.92	3.01	14.62	3.04	9.37	72.80		
November	12.63	4.78	2.30	.82	6.43	5.89	1.46	10.84	9.48	8.30	63.23		
December	4.11	11.24	.77	10.29	3.41	11.76	4.11	6.31	3.35	5.73	61.08		
TOTALS	54.63	67.23	42.41	59.45	57.61	58.25	41.88	75.63	61.06	50.29	568.34		

1932. Turf wall set up. see Enc. 87 A d. 23. 6. 31.

Printed in B.R. with foot note "Luf wall 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

Station No. T.F.PT 3672

41

RAINFALL at ³ Sharp (Tailbank Head)

County of Westmorland

Observer Manchester Corp. W.W.

River Basin Eden - 1

Type of Gauge.

Annual Average 55.6 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 66060416 19678/32

Diameter	5"				601	147						
Height	1' 0"						1					
Altitude	1100'						41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.50	6.09	12.63	7.82	4.91	8.37	9.11	11.80	2.88	3.37	68.48	
February	6.96	2.31	4.41	2.29	6.74	4.35	2.19	5.82	5.34	8.34	46.15	
March	3.62	3.56	2.13	.66	3.88	4.01	7.64	6.99	1.40	4.31	38.26	
April	1.72	5.27	4.28	3.13	3.21	1.42	11.02	2.92	5.11	3.30	41.39	
May	3.05	5.95	5.75	1.91	5.07	2.14	3.29	2.51	3.60	2.08	35.35	
June	.11	.90	4.18	3.72	5.09	5.24	4.23	7.12	1.05	2.23	33.87	
July	1.77	2.89	3.91	4.16	3.13	4.88	3.34	3.47	2.83	2.43	35.81	
August	6.37	6.42	8.59	3.95	2.79	6.83	.10	6.87	2.72	9.80	53.54	
September	1.18	7.21	5.69	6.42	5.21	10.38	5.18	6.64	1.30	(10.43)	59.64	
October	6.37	5.13	7.23	6.99	8.69	1.23	1.13	2.01	8.23	(5.18)	54.19	
November	4.99	1.88	3.71	12.10	.39	12.84	8.59	4.03	10.92	5.24	65.19	
December	3.74	8.68	3.67	6.77	4.32	7.82	2.18	8.75	10.31	2.71	58.95	
TOTALS	41.38	56.29	66.18	59.92	53.43	69.51	58.00	70.23	55.69	62.12	592.75	

3 Turf wall round gauge
1950 Sept - Oct unrecorded.

00144

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

Station No. 3672 T.F. 39

51

RAINFALL at Shap (Hawthorn Head)

County of Westmorland

Observer Manchester Corp. W.W.

River Basin Eden - 1

Type of Gauge Bradford (on inspect. in)

Annual Average 55.6 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. S.

File No. 196738732 E3013636

Diameter ...	5"	Stn. No. 601147	601147	147								Stn. No. 45-601147
Height ...	1' 0"	M.R. NY (35)	53043		1							M.R. NY (35) 53043
Altitude ...	1100'	Alt. 335 m			51							Alt. 294 m
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	5.96 (6.20)	1.30	4.90	5.71	4.04	15.91	9.53	5.92	11.62	11.09		
February ...	7.05 (1.17)	1.24	(5.80)	2.29	1.44	(6.44)	7.48	1.78	11.44	45.13		
March ...	5.31	3.78	.54	(5.51)	1.69	1.58	6.05	1.90	5.53	1.61	33.50	
April ...	6.04	4.56	4.31	.64	1.75	.79	1.21	2.07	7.59	6.66	35.61	
May ...	1.80	3.07 (3.33)	5.17	4.95	2.60	3.76	6.82	2.15	(2.50)	36.15		
June ...	1.21	3.17	3.63	4.33	3.42	3.59	1.45	4.84	5.67	4.41	35.72	
July ...	4.08	1.40 (6.42)	2.57	2.44	4.60	4.05	5.28	5.23	5.87	41.72		
August ...	6.09	5.71 (6.00)	7.75	2.34	9.52	7.67	4.78	.99	4.04	54.89		
September ...	8.01	4.80	6.48	9.94	2.89	6.59	6.63	7.95	1.16	3.75	57.20	
October ...	7.6	7.50 (3.44)	13.96	4.19	6.74	8.59	7.57	7.89	5.13	66.77		
November ...	12.01	2.28	4.24	14.09	3.64	2.60	2.13	1.12	1.27	18.92	45.30	
December ...	11.15	3.96	3.97	6.48	7.61	(8.83)	6.51	6.33	14.99	9.92	79.95	
TOTALS ...	69.47	47.59	47.90	81.14	42.92	49.92	70.40	65.67	70.17	85.87	631.05	
	M	M	N.P.	M	M	M	M	M	M	M		

1953 w.p. too much est.

1960 May ev. M03, gauge probably tampered with.

1954 400cm app

Inspected July 1956 by Deeks. Gauge sound. Site o/c W. Recommended move down slope 200 yds N.

1956. Dec est. 1003.

An. av. 59.36 in. based on 38 yrs. obs. within 1919-57. o/s. w/o/c. Period of av. 1916-50. S

8 Turf wall. 60004 02644 30004

00014 20004

02004

Rejected.

Position of Station on Ordnance One-Inch map :

No. of Map 83

National Grid Reference 35530443

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	Cimp 1918	✓	✓	✓	-