

RAINFALL AT *Shap, Tailbert-Beck* 80

Lat. _____ Lon. _____ County of *Westmoreland*
 Rain Gauge, by _____ Observer *M^r W. Hoggarth*

Gden-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					
March		7.20	7.95	4.00	5.75	7.50					
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	.95	2.00					
July		5.70	11.95	4.20	6.00						
August		9.20	5.00	5.60	1.00						
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	55.20	81.10	69.55	72.65					

Rejected from Survey: 20" too High.

RAINFALL at Shap Tailbert-Head

County of Westmorland

Observer Messrs G. H. Hill & Sons CE.
L. Holme Lewis CE (1921)

River Basin Eden 1

Snowdon Rain Gauge, by _____

Manchester Corp. W.W.

Diameter ...	5														
Height	1	0													
Altitude ...	1103														
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930.				
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	.22	6.06	9.60	.69	7.31	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	.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	6.74	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	7.49	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	5.74	11.84	6.64				
TOTALS...	69.38	51.67	53.06	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
 Map, 2 miles to 1 inch Series

Reference No. _____

[illegible]

RAINFALL at Shap (Tailbert Head)County of WestmorlandObserver Manchester Corpn. W.W.River Basin Eden - 1.

Type of Gauge

Annual Average 55.6 in. based on 10 years obs. un-weighted. Period of average 1891 - 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	11.57	8.24	10.31	2.17	8.10	7.82	10.56	10.24	1.87	75.21	
February	4.37	.09	5.23	.23	9.01	3.24	6.68	2.91	7.87	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	.39	1.55	2.31	27.48	
May	3.78	4.35	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	4.77	1.13	37.06	
July	5.02	6.61	4.05	2.27	1.79	6.11	2.26	3.36	8.83	5.47	50.67	
August	4.29	1.69	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	7.01	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	3.07	9.37	72.80	
November	12.63	4.78	2.30	.82	6.43	5.89	1.46	10.84	9.78	8.30	63.23	
December	4.11	11.24	.77	10.29	3.41	11.76	4.71	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	518.34	

1932. Tuff wall set up. see Enc. 87^a d. 23. 5. 31.

Printed in B.R. with foot note "Tuff wall round gauge".

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, EXHIBITION ROAD, LONDON, S.W.7.

Station No. T.F.M. 3672RAINFALL at § Shop (Tailor's Head)

41

County of WestmorlandObserver Manchester Corps. W.D.River Basin Eden - 1

Type of Gauge

Annual Average 55.4 in. based on 10 years obs. ~~un~~-weighted. Period of average 1881 - 1915 Ref. SFile No. 660624/16 196738/32

Diameter	5"				601	147		type	La. 45-601148		
Height	1'0"					1		net	NY (35) 530143		
Altitude	1100'					41		alt.	335m		
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	48.15
March	3.62	3.56	2.13	.66	3.88	4.01	7.64	6.99	1.40	4.31	38.20
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	2.28	33.87
July	1.77	2.89	3.91	4.16	3.13	4.88	3.34	3.47	2.83	5.43	35.81
August	6.37	6.42	8.59	3.95	2.79	6.83	.10	6.27	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	4.01	8.23	(5.18)	54.19
November	4.99	1.88	3.71	12.10	.39	12.84	8.59	4.53	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

§ Tuff wall round gauge
1950 Sept - but apportioned.

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	Direction from gauge

BRITISH RAINFALL ORGANIZATION

Station No. 3672 T.F. 39RAINFALL at 3 Chap. (Tailbert Head)

51

County of WestmorlandObserver Manchester bym. W.W.River Basin Eden - 1Type of Gauge Bradford (on inspection)Annual Average 55.6 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. S.File No. 194738/32
E20196/36

Diameter ...	5"	Apr. 64 to 60/1148	601 147		Apr. 64 to 45-60/1147						
Height ...	1' 0"	N.R. NY (35) 530/43	1		N.R. NY (35) 530/45						
Altitude ...	1100'	alt. 335m	51		alt. 294m						
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	9.63	5.92	11.62	41.09	
February ...	7.05 (1.17)	1.24	(5.80)	2.29	.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	3.69	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	41.76	
August ...	6.09 5.71	(6.00)	7.75	2.34	9.52	7.67	4.78	.99	4.04	56.89	
September ...	8.01 4.80	6.48	9.94	2.89	5.59	6.63	7.95	1.16	3.75	57.20	
October76 7.50	(3.44)	13.96	4.19	5.74	8.59	7.67	7.89	5.13	64.77	
November ...	12.01 2.28	7.24	14.09	3.64	2.60	2.13	1.12	11.27	18.92	45.30	
December ...	11.15 3.96	3.97	6.48	7.61	(8.83)	6.51	6.33	14.99	4.42	79.45	
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.R. M	M	M	M	M	M	M	M	M	

1953 W.P. too much lat.

1960 May ev M03, gauge probably tampered with

1954 W.P. too app

Inspected July 1956 Mr. Deeks. Gauge sand. S.G. o/c W. Recommended wave down slope 200 yds N.

1956 Dec est. 1103.

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

8 Turf wall.

60004 02444 30004

00014 20004

02004

- Rejected.

Position of Station on Ordnance One-Inch map :

No. of Map 8National Grid Reference 35/530463

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

Summary of Earlier Records from 10-year Sheets :

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