

RAINFALL at Shap, Birkbeck FellCounty of WestmorelandObserver L. Holme-LewisRiver Basin Eden - 1Manchester Corporation W.D.

Rain Gauge, by _____

Diameter ...								5			
Height								1			
Altitude ...								935			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920- MEANS.
January ...								6.29	15.72	1.59	9.82
February ...								3.30	6.13	1.03	5.51
March								5.76	6.79	.85	4.42
April								2.64	1.86	1.95	1.76
May								2.85	1.29	4.02	1.90
June								3.45	8.63	1.58	2.69
July								4.04	4.78	6.60	4.97
August								8.33	9.26	6.21	7.35
September...								7.65	7.31	2.20	3.94
October								8.27	11.92	7.21	10.96
November...								5.18	12.50	12.60	7.57
December...								1.17	5.42	11.73	6.56
TOTALS...								58.93	97.01	57.57	62.45

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

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

Type of Gauge

Annual Average 56.0 in. based on 2 years obs. un-weighted. Period of average 1881-1915 Ref S

660604/26

Diameter	5.											
Height	1.0.											
Altitude	935.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	3.89	9.38	8.01	10.92	2.07	8.69	6.48	9.75	10.01	1.85	7105	
February	4.20	.09	5.51	.25	9.17	2.72	6.56	3.05	8.04	1.91	4150	
March	1.07	4.94	4.25	3.59	2.08	3.32	1.81	4.26	4.28	6.27	3587	
April	2.71	5.49	1.73	4.45	4.47	1.15	3.36	.46	1.54	2.30	2169	
May	3.86	4.78	3.29	4.88	.53	1.21	2.90	4.64	.94	1.69	2872	
June	5.75	2.92	2.50	2.33	5.41	3.66	1.96	7.11	4.64	.96	3727	
July	5.50	7.01	4.62	1.76	1.57	6.62	2.44	8.19	8.45	4.66	5082	
August	4.52	1.36	2.14	4.79	3.25	2.87	2.58	3.13	3.45	1.45	2954	
September	2.33	5.65	2.05	7.58	10.46	7.48	4.85	2.52	2.12	4.51	4955	
October	3.92	9.92	6.19	9.77	8.60	5.46	3.08	14.85	2.51	7.79	7209	
November	11.99	5.02	2.12	.83	6.79	5.84	1.55	10.64	10.49	7.91	6313	
December	3.53	11.00	.80	10.59	3.29	10.79	3.83	6.24	3.27	5.28	5862	
TOTALS	53.27	67.56	43.21	61.74	57.69	59.81	41.40	74.84	59.80	46.58	56590	

1932. Gauge set up. See En 27 d. 23.5.32.

Printed in B.R. with footnote "Zarf 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

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

Station No. T.F. 3666

RAINFALL at 8 Shop (Birbeck Fale)

41

County of LeicestershireObserver Manchester & W.W.River Basin Eden

Type of Gauge

Annual Average 56.9 in. based on 2 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. SFile No. 666666.26.196738/32

Diameter	5"				600	990						
Height	1' 0"					1						
Altitude	935'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.27	5.97	10.96	7.51	5.00	8.28	8.78	11.62	3.87	(4.00)	6726	
February	6.78	2.17	4.52	2.24	7.38	4.19	2.16	5.00	6.00	(9.00)	49.44	
March	3.80	3.68	2.05	.61	4.58	3.99	7.53	6.79	1.40	(5.00)	39.43	
April	1.89	4.81	4.10	3.07	3.33	1.38	10.22	3.10	4.56	3.85	40.32	
May	2.56	5.61	5.56	1.90	4.66	2.10	3.08	2.97	3.77	2.27	34.48	
June	.08	.70	3.99	3.62	4.79	5.06	3.94	2.25	.17	2.74	32.92	
July	2.01	3.05	4.33	4.12	3.12	4.84	3.22	3.23	2.75	(6.00)	37.37	
August	6.01	6.68	8.15	4.39	2.19	6.20	.10	6.66	2.49	9.46	52.33	
September	1.19	6.82	6.34	6.49	5.01	10.93	5.41	6.98	1.88	(11.16)	62.20	
October	6.48	4.33	7.25	6.61	8.89	1.16	1.16	4.13	6.34	(5.08)	51.43	
November	5.11	1.94	3.24	11.68	.37	12.65	9.04	2.64	4.60	5.53	61.80	
December	3.63	7.82	3.94	6.01	3.82	7.38	2.11	8.48	8.56	2.58	54.33	
TOTALS	40.81	53.58	64.43	58.25	53.14	68.16	56.76	71.53	49.99	66.66	58.331	

1950 Jan to July gauge compared with set. Sept - but apportioned.

Mos 44

5' high 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

Station No. 3466 T.S. 39 51RAINFALL at 5 Chap (Birdbeck Fell)County of WestmorlandObserver Manchester bypn. 10.10.River Basin Eden - 1Type of Gauge Stony MKIA.Annual Average 54.2 in, based on 2 years obs. un-weighted. Period of average 1881-1915 Ref. S.No longer applicable with 1927-57 " " " 1916-50File No. 191738/32
220134/50

Diameter ...	5"				600	990					
Height ...	1'0"					1					
Altitude ...	935'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	7.64	(6.08)	1.75	6.42	6.59	11.15	12.86	7.68	5.52	9.90	68.59
February ...	6.02	(7.9)	1.45	(5.70)	1.95	.48	5.95	6.96	1.70	10.29	41.29
March ...	4.78	3.98	.54	(4.96)	1.32	1.86	5.02	1.53	4.72	1.34	30.05
April ...	(5.80)	4.50	4.27	.75	1.76	.90	1.02	1.76	6.29	4.66	31.71
May ...	1.72	2.70	3.48	4.20	4.91	2.16	3.56	6.61	1.53	2.65	33.52
June ...	1.13	3.50	4.64	4.49	5.94	3.26	1.22	4.61	6.48	3.70	38.97
July ...	3.31	1.60	5.44	3.26	2.72	3.66	3.95	4.33	4.56	5.55	38.38
August ...	6.52	(6.00)	5.14	6.68	2.50	9.22	6.16	4.14	.98	3.90	51.24
September ...	8.04	4.68	10.56	11.02	3.47	4.41	5.72	7.30	1.26	3.78	60.24
October ...	1.11	7.50	3.73	16.30	3.07	5.74	7.43	6.74	5.88	4.59	62.09
November ...	13.91	2.59	9.88	15.30	3.25	1.82	2.02	1.34	9.24	14.43	73.78
December ...	12.48	5.18	4.26	7.85	8.57	8.37	5.62	5.53	13.28	7.91	79.05
TOTALS ...	72.46	(49.10)	55.14	86.93	46.05	46.03	60.53	58.53	61.44	72.70	608.91
	M	n.p.	M	17	17	17	47	M	n.p.	M	

1952. n.p. too much est.

1954 better approx.

1955 Feb. accept. July (interference) accept.

August part est. 110.5 P.S.

Inspection 25. 7. 56 Mr. Deekes. Gauge sound, site satisfactory.

1957 n.p. low.

1959 n.p. low.

8 Vurf. Wall 04004 60204

Position of Station on Ordnance One-Inch map :

No. of Map... 83.....National Grid Reference 38.565.118

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
		C 1927	✓	✓ n.p. 50.	