

RAINFALL at Hawthorn (Burn Banks)County of Westmorland Observer Manchester Corp. W.W.River Basin 1 - Eden

Type of Gauge.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....
C1932. 1907/82.

Diameter		5										
Height		10										
Altitude		900					835					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January		18.53	14.83	12.96	3.32	11.07	11.42	13.11	12.42	2.32		
February08	6.00	.46	11.74	4.20	8.91	3.91	9.05	2.39		
March		4.70	5.79	4.81	2.55	4.15	2.71	4.94	6.51	7.31		
April		7.64	(2.40)	4.63	5.97	1.70	3.93	.55	2.22	3.15		
May		4.78	(3.60)	5.38	.82	1.86	3.11	5.19	1.03	1.60		
June		3.85	(2.50)	2.67	5.82	4.07	2.07	2.39	4.60	1.18		
July		6.38	4.40	1.96	2.08	7.14	2.63	9.68	9.54	5.98		
August		1.29	3.32	5.72	3.07	2.28	2.71	3.07	3.80	1.66		
September		6.00	2.51	8.74	11.85	6.88	4.97	3.09	1.94	5.68		
October		11.97	6.39	12.09	11.17	6.67	4.29	18.17	3.78	11.91		
November		6.00	2.79	.93	7.66	7.67	1.70	13.32	12.91	9.96		
December		14.89	.67	13.14	4.07	15.28	5.80	7.52	4.02	7.00		
TOTALS		86.11	55.20	73.49	70.12	72.97	54.25	90.94	71.82	60.14		

1932. Site selected by our inspector. Surf wall erected.

1937 new height given on the existing form.

Printed in B.R. with footnote "Surf 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

Station No. T.F. 3677/6RAINFALL at £ Haweswater (Burn Banks)

41

County of WestmorlandObserver Manchester Coyn. W.W.River Basin Eden

Type of Gauge

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

680 compiled by Mr. Cornish (1944)

+ Area 257/40

C. 1932

File No. 196738/32

Diameter	5"				601	303					
Height	1'0"					1					
Altitude	835'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.62	7.31	13.96	8.42	5.62	10.40	11.07	14.28	4.16	4.53	
February	9.29	2.50	5.13	2.81	7.88	5.21	(2.20)	6.93	7.58	10.12	
March	3.85	5.24	2.78	.85	5.49	4.37	8.57	7.23	1.74	5.02	
April	1.85	5.75	4.80	3.24	3.62	1.71	13.28	4.03	7.63	4.47	
May	3.55	6.43	6.38	2.00	5.52	1.90	3.33	2.78	3.73	2.83	
June	.11	.94	5.33	4.48	5.71	5.28	5.07	8.44	.86	1.81	
July	1.30	3.49	3.98	3.23	3.62	5.19	3.80	5.28	2.66	5.09	
August	8.48	6.89	8.70	4.89	2.79	7.63	.16	7.50	3.31	9.69	
September	1.32	7.55	6.71	6.76	6.48	11.33	5.68	7.26	1.33	13.69	
October	6.99	6.67	8.42	7.84	9.00	1.35	1.25	4.76	9.07	6.68	
November	5.32	1.96	4.64	12.57	.37	13.80	10.13	5.25	13.01	6.84	
December	5.21	11.25	4.57	7.93	4.76	9.10	3.13	11.80	12.72	3.58	
TOTALS	48.89	65.98	76.00	65.02	60.86	77.27	67.67	83.53	67.83	74.85	

§ Turf wall round gauge. 1941. Gauge moved 25 yds West at level of about 3 feet lower than original site. 1947 Feb. Oct. snow. 20004

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.

3677/6 6. 39

RAINFALL at 5 Hawes Water (Burn Banks)

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

Type of Gauge

Annual Average 65.1 in. based on 14 years obs. un-weighted. Period of average 1881-1913 Ref. P.B.633" " 71.57 " " 25 " " 1932-57File No. 1916-5796728/32

62034/86

Diameter ...	5"				601	303					
Height ...	1' 0"					1					
Altitude ...	835'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	6.81	7.13	2.33	6.04	7.39	4.88	12.62	8.82	6.14	10.79	
February ...	7.98	.77	2.05	5.90	2.69	.84	7.00	9.21	1.16	11.21	
March ...	5.24	3.80	1.12	6.43	1.99	2.35	5.35	1.44	5.05	1.73	
April ...	6.52	5.13	5.34	.93	1.46	1.16	1.13	1.92	6.92	6.03	
May ...	2.24	3.27	3.48	5.93	6.19	3.12	3.43	6.72	1.80	2.40	
June ...	1.62	3.67	3.00	4.73	3.46	3.26	1.49	5.41	5.60	4.08	
July ...	3.44	1.77	6.42	3.25	2.39	4.80	3.30	4.62	4.19	5.48	
August ...	6.86	6.05	4.90	6.58	2.48	9.23	7.19	4.27	.90	4.19	
September ...	10.71	6.32	8.41	12.11	3.08	5.00	6.44	7.41	1.01	3.67	
October84	9.71	4.46	17.39	4.58	4.86	7.69	6.78	7.95	5.01	
November ...	15.65	3.93	10.05	17.88	3.95	2.38	2.42	1.01	10.69	17.43	
December ...	15.13	5.88	4.56	9.68	9.60	10.15	8.49	5.93	13.01	8.86	
TOTALS ...	83.04	57.43	56.12	96.85	149.26	52.03	66.55	63.54	64.42	80.88	
	D	D	D	D	D	D	D	D	D	D	

Inspected July 1956. Gauge sound. Site satisfactory. Autographic gauge
 is Enella Nat. Syphon, up by trees 10' W 6', 10' NW 6'.

§ Turf wall. (This is an autographic gauge here. Inst. 4/54)

Position of Station on Ordnance One-Inch map: No. of Map 83 National Grid Reference 35/50.2159

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 1932 ✓ but - 32-35 dly	✓	