

RAINFALL at Haweswater (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.
c. 1932. 196788/82.

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	12.11	12.42	2.32		
February		.08	6.00	4.61	11.74	4.20	8.91	3.91	9.05	2.89		
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	8.39	4.60	1.18		
July		6.88	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	3.48	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	d.	

1932. Site selected by our Inspector. Turf wall erected.

1937 new height given on travelling form.

Pointed in B.R. with footnote "Turf 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.E. 3677/6

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RAINFALL at § Haweswater (Burn Banks)

County of ScotswoodlandObserver Manchester Royal W.W.River Basin Eden

Type of Gauge.

Annual Average ... in. based on ... years obs. un-weighted. Period of average ... Ref.
 650 computed by Mr. Cornish (1944)
 + A200 687/40 C-1932 File No. 196738/32

Diameter	<u>5"</u>			<u>601</u>	<u>303</u>						
Height	<u>10"</u>					<u>1</u>					
Altitude	<u>835'</u>						<u>41</u>				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	<u>1.62</u>	7.31	13.96	<u>8.42</u>	5.62	10.40	11.07	14.28	4.16	4.53	
February	<u>9.29</u>	2.50	5.13	<u>2.81</u>	7.88	5.21	(2.20)	6.93	7.58	10.12	
March	<u>3.85</u>	5.24	2.78	<u>.85</u>	5.49	4.37	8.57	7.23	1.74	5.02	
April	<u>1.85</u>	5.75	4.80	<u>3.24</u>	3.62	1.71	13.28	4.03	7.63	4.47	
May	<u>3.55</u>	6.43	6.38	<u>2.00</u>	5.52	1.90	3.33	2.78	3.73	2.83	
June	<u>.11</u>	.94	5.33	<u>4.48</u>	5.71	5.28	5.07	8.44	8.6	1.81	
July	<u>1.30</u>	3.49	3.98	<u>3.23</u>	3.62	5.19	3.80	5.28	2.66	5.09	
August	<u>8.48</u>	6.89	8.10	<u>4.89</u>	2.79	7.63	.16	7.50	3.31	9.69	
September	<u>1.32</u>	7.55	6.71	<u>6.76</u>	6.48	11.33	5.68	7.26	1.33	13.69	
October	<u>6.99</u>	6.67	8.42	<u>7.84</u>	9.00	1.35	1.25	4.75	9.07	6.68	
November	<u>5.32</u>	1.96	4.64	<u>12.57</u>	.37	13.80	10.13	5.25	13.04	6.84	
December	<u>5.21</u>	11.25	4.61	<u>7.93</u>	4.76	9.10	3.13	11.80	12.72	3.58	
TOTALS	<u>48.89</u>	65.98	76.00	<u>65.02</u>	60.86	77.27	67.67	83.53	67.83	74.85	

§ Turf wall round gauge. 1941. Gauge moved 25 pds West at level of about
 3 feet lower than original site. 1947 tele. est. snow. 2000 ft

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. 36776 II 39

RAINFALL at 8 Hawes Water (Burn Banks)

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County of Westmorland

Observer Manchester Corp. 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
 " " 71.57 " 25 " 1932-57 " 1916-59
 File No. 196728/32
 E2032/32

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	
October	.84	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	49.26	52.03	66.55	63.54	64.42	80.88	
	D	D	D	D	D	D	D	D	D	D	

1956. Inspected July 1956. Gauge sound. Site satisfactory. Autographic gauge is Eureka Nat. Syphon, up-hill 10° W 6°, 10° NW 6°.

8 Turf Wall. (There is an autographic gauge here. Lat. N. 71° 54')

Position of Station on Ordnance One-Inch map : No. of Map 83 National Grid Reference 35/50.2/59

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
						10	

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40 (1)	1941-50 (2)	1951-60
			C 1932 ✓ bwt - 32-35.0440	✓	