

Shilmer
RAINFALL at *(Brown Rigg)*

County of *Cumbreland* Observer *Manchester Corp. W.W.*

River Basin *2 - Dever*

Type of Gauge

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

660604/26

Diameter												
Height												
Altitude	<i>1450</i>											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	<i>5.9</i>	<i>15.60</i>										
February	<i>5.2</i>	<i>.11</i>										
March	<i>1.8</i>	<i>5.88</i>										
April	<i>3.3</i>	<i>6.69</i>										
May	<i>5.7</i>	<i>4.67</i>										
June	<i>8.8</i>	<i>4.42</i>										
July	<i>8.5</i>	# see Enc 8 ^a f660604/26. new f196738/32										
August	<i>5.6</i>											
September	<i>3.4</i>											
October	<i>6.4</i>											
November	<i>16.0</i>											
December	<i>6.2</i>											
TOTALS	<i>76.8</i>											

1931. Readings taken from new checkg. n^o 9 badly overexposed when inspected 25/9/31.

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.

RAINFALL at Helwysyn (Brown Rigg) n.w. ofCounty of Gumland Observer Manchester Corporation 1900.River Basin 2 - Devent.

Type of Gauge.....

Annual Average 119.0 in. based on 10 to 60 yrs obs. un-weighted. Period of average 1916-1920 Ref.....
c.1932. 196736/32.

Diameter		6"										
Height		1' 0"										
Altitude		1050'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January		27.80	17.91	22.57	5.79	16.09	19.82	19.52	19.41	2.28		15119
February		13	10.95	7.9	23.02	5.44	11.17	6.99	18.65	4.57		8171
March		7.61	8.98	7.39	3.11	7.45	4.14	9.89	8.76	13.96		
April		11.28	3.75	7.16	8.99	1.96	6.75	1.51	4.83	4.93		
May		5.92	4.91	9.59	1.04	2.04	3.74	8.27	1.83	2.34		
June		6.33	3.55	4.33	9.18	6.52	5.08	16.82	8.61	1.20		6162
July		11.46	10.09	2.93	5.14	12.74	5.85	16.12	14.44	9.27		8804
August		1.99	7.36	12.34	5.25	5.68	5.91	7.33	4.87	5.34		5607
September		12.14	2.38	16.25	18.75	12.30	10.60	7.24	3.24	10.77		
October		17.44	8.80	19.19	21.21	12.69	6.76	29.99	5.43	13.16		
November		9.84	4.68	3.37	11.63	13.82	2.41	22.01	21.56	14.24		
December		25.85	1.33	20.95	7.45	22.75	6.04	10.30	7.48	13.00		11515
TOTALS		137.79	84.69	126.80	120.56	119.48	88.27	156.59	119.11	95.06		
		M	M.	M.	M.	M	M	M	M	M		

The oldy (3632/5) was my badly overexposed.
1/1/32. New g. erected on site selected by D. Hampster. No turf were required. (see G.F.)

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. TF 3632/4RAINFALL at Holvellyn (Brown Rigg)

41

County of Cumberland Observer Manchester Copied W.W.River Basin 2 - DerwentType of Gauge 10 in. barAnnual Average 19.10 in. based on 29 years obs. un-weighted. Period of average 1916-1950 Ref. 1120 compiled by H.C. Cornish (1953) 7.2.20.4.87.10File No. 194738/32

Diameter	5"				592	806					
Height	1' 0"					1					
Altitude	1450					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	5.02	8.68	20.42	19.15	8.73	17.33	15.28	18.54	11.09	10.09	
February	12.55	3.87	10.68	4.58	15.17	8.07	(2.50)	11.37	12.20	15.67	
March	5.40	9.62	4.04	1.32	8.55	7.38	(9.60)	13.16	3.39	8.81	
April	4.59	8.46	7.33	6.96	5.13	3.32	15.84	5.20	15.21	8.96	
May	6.61	10.84	8.89	4.63	8.84	2.11	5.52	2.75	5.97	4.35	
June	.78	1.47	8.32	9.52	8.47	10.56	7.39	13.83	2.37	5.52	
July	2.91	8.71	6.86	4.91	7.96	7.90	6.45	8.21	3.24	8.77	
August	15.10	14.43	16.08	9.04	3.05	13.51	.09	12.59	4.07	17.43	
September	2.69	14.72	12.59	11.55	12.62	18.64	11.65	14.36	4.23	27.46	
October	11.06	15.32	19.22	11.93	16.60	1.41	3.80	10.99	15.45	10.53	
November	9.89	3.69	7.70	18.20	1.08	22.27	24.18	11.22	22.56	10.05	
December	9.95	21.20	6.17	12.66	9.99	15.50	5.97	16.95	20.47	5.11	
TOTALS	86.55	121.01	128.30	114.45	106.19	128.00	108.27	141.17	123.55	132.75	

1947 Total March not for snow

30004

Position of Station on reduced Ordnance Survey Map, } No. of Map.....

1 mile 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

BRITISH RAINFALL ORGANIZATION

Station No. 3632/6 7539

RAINFALL at Helsall (Brown Rigg)

51

County of Cumberland

Observer

Manchester. Lopham. W. W.

River Basin Derwent 2

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref. 189

112.0 in. computed by the General 1933 2300 487/50

File No. 196735/32 24421

Diameter ...	5"				592	806					
Height ...	1' 0"					1					
Altitude ...	1400'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	11.41	8.56	6.08	8.72	11.23	6.06	22.74	10.78	7.09	14.92	
February ...	14.20	2.88	4.41	7.92	3.25	1.76	11.29	11.43	3.51	14.90	
March ...	10.27	6.80	1.59	7.76	3.09	4.46	9.46	2.43	10.85	3.31	
April ...	8.82	6.41	8.12	2.42	4.91	2.15	2.53	3.67	10.32	10.50	
May ...	4.73	5.54	5.54	8.05	10.53	5.77	5.19	10.11	2.13	4.36	
June ...	2.28	5.47	6.65	10.51	6.76	5.64	2.82	6.61	5.48	7.04	
July ...	5.97	6.63	15.25	10.84	4.14	8.92	8.16	6.00	10.32	10.27	
August ...	13.45	13.43	11.56	9.00	4.93	14.89	10.20	9.07	1.84	5.88	
September ...	19.50	9.00	18.98	20.13	7.63	8.35	11.68	14.69	1.57	7.54	
October ...	1.96	11.56	8.74	27.98	7.82	4.39	14.74	12.71	15.72	6.25	
November ...	25.38	5.64	21.13	29.16	6.38	4.21	5.05	2.61	16.71	25.23	
December ...	24.30	7.73	8.34	15.94	15.95	19.15	14.33	10.25	25.44	13.75	
TOTALS ...	142.27	89.65	116.39	58.43	86.62	90.74	118.19	100.36	110.98	123.95	
	M	M	N.P.	M	M		M	M	M	M	

1953 N.P. big

1954 Sup. station gauge sound & cannot collect water other than rain.

1954. Print.

1955 N.P. big.

1956. Print.

Inst. July 1956 Decks. of Post 5' 6" W. otherwise satisfactory.

Anno. 119.10 in. based on 25 yrs. obs. with 1922-57. 10" low. Period 1916-50.2

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 35/212149

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
			C1932	1949	