

RAINFALL at Brown Rigg)

County of Cumbeland Observer Manchester Corp. W.W.

River Basin 2 - Percent.

Type of Gauge.

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

Ref.

660604/26

Diameter	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height											
Altitude	1,450										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	5.9	15.60									
February	5.2	11									
March	1.8	5.88									
April	3.3	6.69									
May	5.7	4.67									
June	8.8	4.42									
July	8.5	# see Enc 8A f 660604/26 new f 196738/32									
August	5.6										
September	3.4										
October	6.4										
November	16.0										
December	6.2	# see 3632/6									
TOTALS	76.8										

1931. Readings taken from new checky. 5.9 badly overexposed when inspected 29/9/31.

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

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

RAINFALL at Helvellyn (Brown Rigg) *very dry*

County of Cumbria

Observer Manchester Corporation 2000

River Basin 2 - Derwent.

Type of Gauge

Annual Average 119.5 in. based on 24 years obs. un-weighted. Period of average 1916-1930 Ref. c. 1932. 196736/32.

Diameter	6'										
Height	1' 0"										
Altitude	460'										
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		151.19
February	13	10.95	7.9	23.02	5.44	11.17	6.99	18.65	4.57		81.71
March	7.61	8.98	7.39	3.11	7.46	4.16	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	8.87	1.83	2.34		
June	6.33	3.55	4.33	9.18	6.52	5.08	16.82	8.61	1.20		61.62
July	11.46	10.09	2.93	5.14	12.74	5.85	16.12	14.44	9.27		88.04
August	1.99	7.36	12.34	5.25	5.68	5.91	7.33	4.87	5.34		56.07
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		115.15
TOTALS	137.79	84.69	126.80	120.56	119.48	88.24	156.59	119.11	95.06		
	M.	M.	M.	M.	M.	M.	M.	M.	M.		

The oldg (3632/5) was very badly overexposed.

1/1/32. New g. needed on site selected by D'stampkola. No turf was required. (see G.E.)

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	Parish Church.	Distance from gauge	Direction

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

Station No. TF 3133/6

RAINFALL at

Helvellyn (Borrowdale Ridge)

41

County of Cumbria and

Observer Manchester Confin W.W.

River Basin 2 - Derwent

Type of Gauge

10 inches

Annual Average 1950 in. based on 29 years obs. un-weighted. Period of average 1916-1950 Ref.

112.04 computed by the Cornish (1948) f 0.20043740

File No. 194738/38

Diameter	5"				592	846					
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	10.67	
March	5.40	9.62	4.04	1.32	8.55	3.38	(9.60)	13.16	3.39	8.81	
April	4.59	8.46	7.33	6.96	5.13	3.32	15.84	6.20	15.21	8.96	
May	6.61	10.84	8.89	4.63	8.84	2.11	5.52	4.75	5.97	4.35	
June	7.78	1.47	8.32	9.52	8.47	10.56	7.39	13.83	2.37	5.62	
July	2.91	3.71	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	17.48	
September	2.69	14.72	12.59	11.55	12.62	18.64	11.65	14.26	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	8.11	
TOTALS	86.55	121.01	128.30	114.45	106.19	128.00	108.27	141.17	123.55	132.75	
	m	m	m	m	m	m	m	m	m	m	

1947 Felt branch wet for runoff.

30004

10

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	Parish Church.	Distance from gauge



Station No. 36326 N. 39

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RAINFALL at Helvellyn (Brown Rigg)

County of Cumberland

Observer Manchester Corp. M.W.

River Basin Derwent - 2

Type of Gauge.

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

112.0 in. Confused by m. Cornwall 1923 2200 ft 1/20

File No. 196735/35 E20184/36 159

Diameter ...	5"			592	806					
Height ...	1' 0"					1				
Altitude ...	1400'					51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	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	2.04
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	7.34
October	1.96	11.56	8.74	27.98	7.82	9.39	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	158.43	86.62	90.74	118.19	100.36	110.98	123.95
	M	M	M.P.	M	M.P.	M	M	M	M	M

1953 N.P. big

1954 Big static gauge round & cannot collect water after rain falls.

1954. Print

1955 N.P. big.

1956. Print

Inst. July 1956 Deck. of Post 5'-6' w. otherwise satisfactory.

Rejected

An. av. 119.10 in. based on 25 yrs. obs., within 1922-57. 10" low. Period Jan. 1916-50-3

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 35/313143
329768

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

Summary of Earlier Records from 10-year Sheets :

		1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d				C 1932	S 1949	