

RAINFALL at Measand Leavgill

County of Westmorland

Observer G. H. Hill & Sons

River Basin Eden - 1.

Snowdon Rain Gauge, by

Diameter ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
Height											6.0
Altitude ...											1.0
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	
January ...											4.88
February ...											1.46
March											0.11
April											2.45
May											1.52
June											3.17
July68
August											4.68
September...											# 4.42
October ...											10.46 8.77
November..											(6.62) 3.36
December...											8.90? 10.15
TOTALS ...											43.95

Seen in distance 14.111.29 apparently on rising bank to West of stream.

Rejected from Survey : 30° too low

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Measand Beck Heswall

County of Westmorland

Observer Messrs G.H. Hill & Sons C.E.
L. Holme Paris CE (1921)

River Basin Eden 1.

Snowdon Rain Gauge, by

Nonchotom Lop. W.W.

Diameter	5"										
Height	1 0										
Altitude	1577										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1930. MEANS.	
January	9.23	9.87	6.69	6.12	6.45	5.64	7.74	5.54	10.85	1.10	9.56
February	6.14	3.4	8.25	9.04	1.20	6.72	5.62	4.12	4.07	1.55	.55
March	10.06	8.38	4.64	3.41	1.46	2.15	1.67	5.45	8.30	.73	4.54
April	6.26	1.27	5.15	4.85	3.23	5.66	3.76	2.82	2.12	1.97	2.77
May	9.15	3.78	2.88	4.55	3.07	5.47	3.06	3.02	1.59	4.32	2.63
June	2.53	.31	3.29	1.46	2.89	.18	7.43	4.30	7.42	1.85	2.68
July	8.36	2.39	6.24	2.35	6.25	2.04	4.66	6.20	4.15	7.12	5.42
August	4.62	5.46	5.49	11.26	4.62	5.74	5.00	9.39	8.85	6.20	11.18
September	2.73	2.95	5.40	6.97	10.01	5.95	5.11	4.60	2.67	2.87	4.89
October	4.36	2.53	2.55	15.38	6.26	7.62	4.24	6.83	12.86	7.62	11.00
November	5.94	2.77	3.50	6.08	5.07	2.46	10.67	4.51	11.62	11.53	7.03
December	7.26	11.07	12.12	8.24	11.99	5.53	.95	2.55	3.06	10.28	6.38
TOTALS....	75.64	51.12	66.20	79.71	67.49	55.14	59.91	62.33	77.56	56.64	68.63

Rejected from Survey : 30" too low

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series } No. of Map _____ Reference No. _____

RAINFALL at Measand Beck (Keasgill)

County of Westmorland

Observer Manchester Corp. W.W.

River Basin Eden - 1

Type of Gauge

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

Ref.

60000+26.

Diameter	S.											
Height	1.0.											
Altitude	1862.				1800							
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	3.00	11.47	17.00	15.06	3.63	12.41	12.58	12.90	14.18	2.76	106.59	
February	2.93	2.27	7.32	6.2	13.60	4.25	9.58	4.66	11.03	2.85	57.16	
March	5.56	6.30	7.95	6.25	2.97	6.70	4.83	5.33	8.15	9.50	58.54	
April	3.00	8.65	3.91	6.25	6.84	2.46	6.36	6.66	3.34	3.02	44.51	
May	4.78	6.20	4.09	7.05	.65	2.15	3.60	6.95	1.40	2.43	39.40	
June	7.23	5.25	3.30	4.08	8.27	5.50	2.75	10.70	4.22	1.37	55.67	
July	5.28	9.53	7.12	2.33	3.15	9.83	4.00	11.60	11.26	8.65	72.95	
August	5.90	2.05	5.11	8.29	4.05	3.87	4.00	4.35	4.24	2.78	44.61	
September	3.00	8.45	3.25	13.35	14.17	10.30	6.73	4.37	3.15	7.68	74.45	
October	3.49	12.25	6.92	13.45	12.75	7.67	5.60	21.00	5.10	12.36	102.69	
November	14.81	6.72	3.15	2.15	8.37	9.56	1.95	15.60	14.40	11.36	88.07	
December	4.27	15.80	.79	19.80	4.92	12.64	4.85	9.46	4.90	6.56	84.02	
TOTALS	58.85	95.17	69.91	98.68	83.37	84.37	66.83	106.56	88.45	71.32	828.53	

S moved to new site selected by Inspector, 20/1/32. Enc 872.

Record previous to Jan 1932 rejected from Survey as "far too small"

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

Station No. T.F.A.F. 3677

RAINFALL at Measand Beck (Keasgill)

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County of Westmorland

Observer Manchester Corp. W.L.

River Basin Eden - 1

Type of Gauge.

Annual Average ... in. based on ... years obs. un-weighted. Period of average ... Ref. ...
 82.7 computed by Mr. Cornish (1944) f A 200 487/40 File No. 106738/32 660604/16

Diameter	5"			601	280						
Height	1' 0"					1					
Altitude	1800'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.10	8.78	18.40	(3.00)	6.90	12.50	11.59	13.35	5.55	5.59	101.76
February	8.06	2.55	6.60	2.50	7.85	5.35	(2.40)	6.62	6.56	10.01	58.50
March	3.60	6.50	3.15	1.41	4.88	5.47	(8.50)	8.15	2.27	6.43	50.16
April	4.05	6.63	5.45	4.20	4.02	2.50	13.50	6.00	8.08	4.75	58.08
May	4.75	9.20	8.25	2.84	5.88	2.24	4.68	3.36	4.87	3.23	49.30
June	2.24	1.21	5.24	5.12	5.65	7.07	5.36	10.60	1.48	2.65	44.52
July	2.37	4.92	5.12	5.02	4.95	6.35	5.13	4.48	3.80	7.93	50.07
August	11.54	11.80	11.24	5.45	2.85	9.53	2.4	11.25	4.80	11.94	80.64
September	2.12	11.35	9.60	8.55	8.85	14.68	8.80	9.20	(1.70)	(10.26)	90.11
October	7.50	8.15	10.65	9.20	10.40	1.75	1.95	5.58	11.60	(2.70)	74.48
November	7.92	2.11	4.68	14.25	.66	17.90	12.80	5.91	13.80	7.50	87.53
December	5.58	17.21	5.52	7.16	6.05	9.10	4.14	2.64	13.60	11.58	3.50
TOTALS	59.63	90.31	93.90	78.70	68.94	94.44	78.09	101.00	76.09	86.49	828.59

1944 Jan. part cut off.

40004

1947 Jan. part cut off. back marked from now. N.P. how.

1950 Sept - but apportioned.

on Feb. 1931-60 mms

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.

3677

F.F. 39

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RAINFALL at Measand Beck (Keswick)

County of Westmorland

Observer Manchester Corp. W.W.

River Basin Eden - 1

Type of Gauge.

Annual Average ... in. based on ... years obs. un-weighted. Period of average ... Ref.
 " 87.31 " 24 " within 1930-57 " 1916-50
 " 92.51 " 5 " 1951-57 File No. 191738/32
 680/34/36

Diameter ...	5"			601	280						
Height ...	1' 0"					1					
Altitude ...	1800'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	7.98	8.00	3.93	7.30	8.25	5.80	17.00	10.55	8.50	12.70	90.01
February	(9.80)	1.80	2.88	(7.56)	3.45	1.50	10.08	9.55	2.62	12.35	61.53
March	(5.00)	5.25	1.40	(6.82)	3.50	3.40	8.28	2.55	8.30	2.65	61.15
April	(7.45)	6.27	6.35	1.28	2.60	1.80	1.50	3.75	9.25	8.65	48.90
May	2.95	4.50	5.00	7.20	8.80	4.70	4.65	7.40	2.35	3.78	51.33
June	3.10	5.25	5.00	6.43	4.55	5.45	1.75	7.00	8.15	6.80	53.48
July	4.75	3.95	11.30	5.53	3.25	7.60	6.40	6.72	6.45	8.16	64.11
August	9.10	8.96	8.60	9.37	3.10	13.85	10.00	5.35	1.77	5.24	75.34
September	18.00	8.30	11.35	15.50	4.75	7.45	9.45	11.30	1.50	5.42	93.02
October	1.35	13.40	6.30	18.80	6.25	6.28	11.05	8.72	10.22	7.20	89.57
November	18.00	5.30	15.60	19.50	5.90	3.50	3.85	1.46	14.90	20.00	108.00
December	18.00	6.30	6.45	11.90	13.15	13.10	11.00	8.35	18.15	12.65	119.05
TOTALS ...	105.48	77.28	84.16	117.13	61.55	74.43	95.01	82.69	92.16	105.60	901.49
	M	M	M	M	M	M	M	M	M	M	

1955 New app. 1956 March started. 1953.

30004

1956 fence put up. Gauge sound, Brose fence nearby. Site sat. is factory.
 Inspected July 1956 Mr. Deeks. (3 photographs)
 I consider this site to be the best at Haweswater prod. (3 photographs)

34004

Position of Station on Ordnance One-Inch map :

No. of Map Q.3

National Grid Reference 35/461151

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	Camp 1918	V	V	V np 47	