

## RAINFALL at Measand Sandhill

County of Westmorland

Observer J. H. Hill &amp; Sons.

River Basin Eden 1

Snowdon Rain Gauge, by Casella  
Insulated copper

Diameter ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
Height .....										5"	
Altitude ...										1.0	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	
January ...										8.89	
February ...										1.39	
March .....										6.92	
April .....										3.96	
May .....										1.93	
June .....										3.16	
July .....										1.59	
August .....										4.98	
September...										6.89	
October ...									# 10.53	3.15	
November..									6.40	7.86	
December...									9.61	14.50	
TOTALS ...										64.71	

+ n.n.w. 29. CS. In walled enclosure, dry-stone walls 4 ft. high 30 ft. S+E  
 small trees 20 ft. high, 40 ft. S.E. 20 aletries 60 ft. high 80 ft. S. Crofts 70-80 ft.  
 high woods W. Land rises very slightly to N. Very good site.

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

## RAINFALL at Hawes Water Measand Sandhill

County of Westmorland

Observer Messrs G. H. Hill & Sons C.E.

River Basin *Eden* /

L. Holme Lewis CE (1921)

Snowdon Rain Gauge, by Casella  
Insulated Copper

Manchester L.R. W.W.

1920 Gauge Inspected G.S. 14.11.19. See last sheet.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series			No. of Map	Reference No.				
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
			Shap.					

RAINFALL at Hawes Water (Measand) *Somerville, not in BR.*

County of Westmorland,

Observer Manchester Corps. W.W.

River Basin Eden - I.

Type of Gauge.

Annual Average 60.6 in. based on 10 years obs. un-weighted. Period of average 1881-1917 Ref. S

660604/26.

Diameter	5.											
Height	1.0.											
Altitude	824											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	6.83	15.59	12.43	12.58	2.95	9.93	10.88	10.91	11.00	2.04		
February	5.71	1.17	6.83	5.50	12.89	4.23	9.02	3.36	7.89	2.16		
March	1.47	6.44	6.03	5.71	2.81	4.85	3.50	4.24	6.15	5.74		
April	4.02	7.60	2.75	5.63	6.76	1.75	4.56	2.26	2.02	2.39		
May	4.90	4.85	3.47	6.01	1.05	1.81	3.45	5.53	.94	1.16		
June	4.20	3.63	2.62	2.74	6.85	4.57	1.60	6.15	4.87	1.18		
July	5.59	7.41	4.90	1.87	2.81	7.43	2.94	8.44	8.52	6.58		
August	5.42	1.56	3.68	6.46	3.74	2.72	3.26	3.56	3.11	1.91		
September	2.97	7.18	2.77	10.09	13.57	7.51	6.12	2.84	1.92	5.88		
October	4.99	13.02	6.57	12.44	11.55	9.56	4.62	16.89	3.68	10.48		
November	15.92	6.18	3.37	1.20	8.45	7.75	1.57	10.52	11.75	9.96		
December	5.71	13.24	1.72	14.44	4.46	12.50	4.07	5.49	4.47	5.21		
TOTALS	70.73	85.67	56.14	79.67	77.88	74.61	55.62	78.19	66.04	54.69		

1935 - 1/10 low.

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.

Station No. T.F. 14 3676

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## RAINFALL at Hawes Water (Measand)

County of Westmorland

Observer Manchester Corp. W.J.W.

River Basin Eden

Type of Gauge.

Annual Average 69.6 in. based on 10 years obs. un-weighted. Period of average 1881 - 1915 Ref. S

File No. 196735/32 64000047/26

Diameter	5"										
Height	1' 0"										
Altitude	824'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.63	6.89	(15.81)								
February	6.88	2.16	(6.70)								
March	3.46	6.18	3.02								
April	1.87	6.03	4.90								
May	2.93	7.46	6.83								
June	.05	1.00	6.04								
July	.95	3.89	4.26								
August	10.62	6.72	8.93								
September	1.53	8.17	6.75								
October	6.61	6.93	9.43								
November	4.66	1.90	4.97								
December	5.66	10.20	4.64	X							
TOTALS	46.85	67.53	(82.28)								

1943, Jan + Feb amended by ref check gauge to be abandoned 12/43.

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

BRITISH RAINFALL ORGANIZATION