

RAINFALL AT *Pentre Voelas Nant Neilyn*

Lat.

Lon.

County of *Denbigh*

Rain Gauge, by

Observer *Dr. H. Mill**f. J. Hemmings**Dec - 1*

Diameter ..							5					
Height							10					
Altitude ..							1225					
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..							7.61	2.70	6.12	3.61		
February ..							5.49	3.22	4.78	2.78		
March							4.95	3.78	5.71	3.82		
April							1.68	2.38	2.22	4.56		
May							5.91	2.99	3.55	1.77		
June							2.03	6.52	3.66	2.44		
July							1.51	2.26	4.92	3.61		
August							4.68	4.58	4.75	2.89		
September ..							1.61	.80	4.35	6.70		
October, ...							7.84	9.36	1.57	7.32		
November ..							6.41	3.19	4.38	3.25		
December ..							5.50	5.68	4.60	8.03		
TOTALS ..							55.22	47.46	50.61	50.78		

3 in 3 pm 3 3† Inspected Erected by *Dr. Mill*

1905

RAINFALL at Pentre Toelas North HeilynCounty of Denbigh Observer D. H. R. Mill
River Basin Dee 1 J. H. Parkin Esq To Me Call

Snowdon Rain Gauge, by

June { $\begin{matrix} 5.05 \\ 4.91 \\ 4.95 \\ 5.00 \end{matrix}$ } and after adjustment { $\begin{matrix} 5.00 \\ 4.95 \\ 5.00 \\ 4.97 \end{matrix}$ }

glass correct. 0.1. 14

Diameter ...	5										
Height	10										
Altitude ...	1225										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	TOTAL Means. 1910-19
January ...	5.80	1.68	2.45	(4.66)	6.40	6.62	5.87	2.53	4.30	5.58	16.28
February ...	6.70	5.02	3.01	2.54	6.15	7.11	6.44	1.21	6.35	2.70	16.76
March	2.24	2.21	6.11	7.59	6.62	1.28	2.61	3.31	1.67	8.07	15.66
April	4.57	2.61	.78	(5.08)	2.02	2.56	4.57	3.19	2.01	4.05	13.80
May	2.50	2.05	1.46	2.61	4.06	2.79	4.32	2.78	4.60	1.38	13.08
June	4.52	4.08	4.91	3.91	3.77	.69	2.61	2.42	3.28	2.78	11.04
July	5.22	1.64	3.97	1.53	5.02	5.19	2.10	2.10	4.36	2.56	11.12
August	5.74	(5.09)	7.82	2.70	3.29	4.08	3.44	9.66	2.79	4.64	20.57
September ..	.48	(4.28)	1.46	2.91	(2.75)	2.11	4.63	3.01	10.14	4.65	22.43
October ...	5.20	4.12	5.35	4.82	2.68	2.67	11.43	7.01	4.18	5.48	28.10
November ..	6.04	6.95	5.09	5.75	5.78	3.92	4.44	5.26	3.25	4.08	17.03
December ...	7.74	8.07	7.86	4.62	10.28	9.85	3.77	2.88	8.36	8.91	23.92
TOTALS ...	56.75	(47.80)	50.27	(49.77)	58.82	48.88	56.23	45.36	55.29	54.92	211.80 52.130

1912

50.53 is correct. ? months 23.

1914 Sept. Estimated.

Inspected { Sound snowdon in very good position. Valley opens to E. a low ridge shelters on N. W. & S. Recommended provision of bottles.

CS. 14. 11. 14

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

RAINFALL at Pentre Voelas (Nant Moelyr)County of DenbighObserver J. H. Parker Esq. 1921. R. F. BakerRiver Basin see - 1Birkenhead W.(1926) Snowdon Rain Gauge, by _____

Diameter ...	5												
Height	1.0												
Altitude ...	1225												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Mean 1930	TOTALS 1920-29	
January ...	7.74	11.62	6.47	5.30	4.14	5.21	5.73	5.37	9.08	1.62	8.24	10.52	
February ...	6.53	6.1	7.12	8.50	1.67	7.86	3.18	3.34	6.38	1.74	6.2	14.55	
March	6.89	6.41	5.10	2.20	1.48	2.15	1.86	5.58	2.94	1.64	3.14	38.39	
April	6.83	1.49	4.32	2.75	2.92	3.98	2.74	2.77	1.66	1.24	4.36	35.06	
May	4.53	2.34	1.21	6.14	6.49	5.57	3.93	2.87	2.28	2.24	1.56	39.36	
June	3.19	6.6	3.52	2.35	2.74	0.4	2.67	6.01	7.44	2.16	1.86	32.68	
July	8.68	3.51	5.73	3.85	5.80	2.48	6.11	2.96	2.28	4.50	5.65	51.56	
August	3.70	8.44	4.14	6.33	6.50	3.32	4.69	8.50	5.36	5.92	7.39	64.29	
September...	4.27	1.72	4.12	4.95	7.02	6.33	4.64	7.07	3.28	2.50	5.04	50.94	
October	2.45	3.33	1.45	9.95	5.73	6.17	4.38	7.14	8.84	7.21	9.08	65.73	
November...	2.82	3.54	3.27	7.45	2.83	3.84	7.13	5.88	9.04	9.22	6.48	61.50	
December...	4.63	9.33	7.68	6.42	5.73	6.36	1.88	2.15	4.00	10.84	7.89	66.91	
TOTALS	62.26	53.00	54.13	66.19	53.25	53.31	48.94	59.64	62.58	48.93	61.31	623.44	

Inspected 12/25 see green file

1930. Gauge read 10 am in summer.

" " " 9 - " winter.

Position of Station on reduced Ordnance Survey } No. of Map _____
Map, 2 miles 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
1926.	53° 5' 5"	3° 35' 45"	Conner					

RAINFALL at Pentle Voe, (Grant Heilyn)County of Dumfriesshire Observer R. F. Baker, G.E.River Basin 1-DeeType of Gauge A. D.Annual Average 49.2 in. based on 29 years obs. eq.-weighted. Period of average 1881-1915 Ref. P. 390

660551/36

Diameter	5										
Height	1.0										
Altitude	1225										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	TOTALS 1931-40
January	5.79	7.19	5.71	5.32	2.65	6.59	5.26	8.81	9.48	2.34	59.14
February	5.85	.09	5.02	.50	7.30	3.97	6.70	2.37	5.11	3.23	40.14
March	.88	3.85	2.61	3.69	1.52	3.87	3.99	2.15	5.02	4.57	32.15
April	5.11	5.84	1.37	2.65	4.57	2.58	5.55	.46	2.94	3.43	34.50
May	4.60	4.10	1.99	3.41	1.44	3.32	2.07	3.03	2.03	2.90	28.83
June	4.41	2.02	4.00	2.54	4.57	6.58	2.25	6.72	3.81	1.78	38.68
July	3.22	6.90	3.06	2.21	.97	6.14	2.17	4.89	7.89	4.19	41.64
August	7.73	2.36	1.28	5.99	2.03	1.25	.92	3.75	2.12	1.56	28.99
September	5.16	5.33	1.33	3.25	8.27	5.66	2.18	2.35	1.26	5.08	39.87
October	3.43	9.01	5.77	7.94	8.76	4.52	3.57	9.30	4.21	6.79	63.30
November	9.75	3.88	2.02	2.33	5.84	6.82	2.04	7.04	10.09	9.12	58.93
December	3.38	3.42	1.40	6.92	3.04	8.65	3.60	5.37	4.05	3.75	43.58
TOTALS	59.31	53.99	35.56	46.75	50.96	59.95	40.30	56.24	58.01	48.74	509.81

K.M.

1931. 9. read on 1st day of month and at weekly or other convenient intervals

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. T.F. 1302

RAINFALL at Pentre Voclas (Mont. Heilyn) ✓ 41

County of Denbigh Observer R. F. Baker Esq. C.E. died Oct 1944
 River Basin 1-Des ✓ E. G. Hutton Esq. C.E.
 Type of Gauge M. S. Snowden (1944) W. K. Lewis Esq. B.Sc. M.Sc. (1952)

Annual Average 49.2 in. based on 29 years obs. un-weighted. Period of average 1881-1910 Ref. P. 6.390.

File No. 66.055.126

Diameter	5				543	462						
Height	10					1						
Altitude	1225					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	TOTALS	Means
January	3.15	6.91	6.56	7.58	5.75	7.93	5.56	12.73	4.76	2.82	63.76	
February	6.04	2.59	3.70	2.92	6.79	9.09	1.72	4.53	2.92	8.43	48.73	
March	4.59	3.23	1.66	1.48	2.06	1.74	7.04	3.12	3.52	2.79	31.23	
April	1.53	2.14	2.19	1.84	4.06	1.17	5.70	2.05	5.54	5.82	32.04	
May	3.54	4.27	5.19	2.47	5.42	2.71	4.21	1.16	3.76	1.50	34.23	
June	0.91	0.64	3.93	3.21	4.61	5.85	2.96	6.57	0.92	1.70	31.30	
July	1.76	4.37	3.97	3.21	2.79	2.87	2.78	2.85	2.13	3.39	20.12	
August	6.93	4.51	4.68	3.87	1.85	7.04	0.55	5.69	4.61	6.54	46.32	
September	1.23	4.48	6.33	7.29	3.52	6.33	3.23	4.14	1.18	10.93	48.66	
October	7.23	4.56	6.09	7.78	6.22	1.61	0.65	3.47	7.99	4.59	50.19	
November	3.76	1.73	4.73	9.79	0.93	6.72	9.22	3.90	7.55	6.17	54.50	
December	4.32	6.75	2.84	6.54	6.33	6.07	5.13	7.30	9.19	4.67	59.14	
TOTALS	44.99	46.18	51.87	57.98	50.33	59.18	48.75	57.51	54.07	59.35	530.21	
	W	W	W	W	W	W	W	W	W	W		

148 103 120 99 47

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.	Direction from gauge.

BRITISH RAINFALL ORGANIZATION

RAINFALL at Pentre Vaelas (Mont Hilary) Station No. 4202 51
 County of Denbighshire Observer W. K. Lewis Esq. B.Sc. MICE
 River Basin 1 - Dee Water Engineering Bureau Ltd.
 Type of Gauge Snowdon

Annual Average 49.2 in. based on 29 years obs. ~~un~~ weighted. Period of average 1881-1915 Ref. P.B. 290
53.58 " " 35 " " 1916-1950 1916-1950
 File No. 660551/26

Diameter ...	5"				543	462						
Height ...	1' 0"					1						
Altitude ...	1225'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January ...	3.61	7.15	1.87	3.84	4.58	6.10	8.09	5.85	6.84	9.56	57.49	
February ...	4.84	(2.30)	2.58	4.50	4.43	1.00	4.94	8.99	1.14	5.25	39.97	
March ...	6.52	1.82	2.64	3.98	2.38	2.76	(3.25)	1.78	2.93	2.46	30.52	
April ...	3.79	2.59	4.00	2.03	2.32	2.57	1.05	1.71	7.07	2.89	30.02	
May ...	3.23	3.34	2.71	5.87	7.30	1.41	2.54	4.76	2.35	1.96	35.47	
June ...	1.31	2.35	3.11	3.41	4.27	2.89	1.86	4.15	2.78	1.85	27.98	
July ...	2.28	1.37	5.26	5.42	.82	6.39	(7.00)	5.88	3.49	4.67	42.78	
August ...	7.06	4.65	4.31	7.48	1.74	8.70	(9.80)	4.79	1.11	3.23	52.87	
September ...	4.60	6.46	6.83	6.53	2.91	4.97	8.49	8.25	4.6	7.35	56.85	
October ...	2.43	7.53	2.67	12.10	4.90	4.46	6.65	5.01	7.30	6.09	59.14	
November ...	8.65	4.21	5.54	10.32	2.79	2.85	3.30	2.58	7.04	10.42	57.74	
December ...	8.76	5.75	2.27	6.14	6.29	5.30	5.21	4.41	10.12	7.50	61.75	
TOTALS ...	57.12	49.52	43.79	71.62	44.49	49.60	(62.18)	58.16	52.63	63.23	552.58	10
	n.p.	W				M	TT		DT	M		

1957. n.p. low.
 1952. Lib. adv. snow drifts.

Inspected 21.3.56 in. Dials. Gauge sound, bearings oiled, etc. of n.e. but best available.
 Recommended for wall.
 1957. Mch. July. Aug. Est. Gauge interfered with

20004

10604

Gauge read only 4 months out other convenient intervals.

Position of Station on Ordnance One-Inch map: No. of Map 105 National Grid Reference 23/925558

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

Summary of Earlier Records from 10-year Sheets:

1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	1910-13 D 1914-15 1916-19 D	1920-21 D 1922 d 1923-30 -	1931-32 1933-40 W	W	