

RAINFALL AT Lowy. Nantnewydd

No 29

Lat. _____

Lon. _____

County of _____

Cardigan

Rain Gauge, by _____

Observer Met. Station Board Mr. Roberts

M Lowy-14

Diameter . . .					5						
Height					10						
Altitude					1290						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January						4.40	4.10	3.00	4.20	12.90	
February60	2.40	6.80	6.70	9.40	
March						7.70	10.40	8.60	2.70	3.80	
April						4.20	2.30	5.90	4.60	8.90	
May70	.10	2.60	7.50	6.00	
June						2.00	3.70	2.90	4.50	4.00	
July						7.40	3.70	3.20	.50	2.30	
August						5.60	4.80	10.40	7.90	2.50	
September							1.40	12.30	6.00	2.30	7.50
October						9.10	6.90	8.00	3.30	9.50	4.40
November						10.80	11.00	3.30	7.30	6.60	7.00
December						8.10	6.10	11.70	15.50	11.60	3.50
TOTALS						58.00	66.80	75.50	68.60	72.20	

RAINFALL AT Towy - Nantrenewydd No. 29

Lat. Lon. County of Cardigan

Madford Rain Gauge, by Casella Observer Mel Waterford M. Roberts
verified

Towy - 14 M

Diameter ..	5										
Height	1	0									
Altitude ..	1290										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	7.30	6.20	4.40	10.60	9.20	4.60	10.80	4.80	4.30	5.03	6723
February ..	5.70	3.40	2.80	5.80	6.30	3.35	6.50	3.50	6.20	1.52	4507
March	1.30	5.40	4.90	10.70	3.60	9.20	5.70	3.90	5.70	4.75	5515
April	3.60	5.90	3.50	3.70	4.50	7.80	2.10	4.40	3.40	5.95	4485
May	5.80	1.60	5.80	3.80	3.40	1.00	6.20	4.60	4.50	2.70	3940
June	6.40	4.60	2.90	2.00	2.95	3.00	3.70	6.15	2.60	3.93	3823
July	4.20	1.90	3.40	4.35	3.60	3.90	2.30	4.80	8.10	6.47	4302
August	9.10	6.50	5.10	10.35	5.60	7.20	7.30	6.60	6.70	3.00	6745
September ..	4.50	4.40	3.70	7.40	3.40	3.60	1.70	1.00	7.40	6.43	4353
October	8.80	6.40	5.90	13.20	3.80	5.90	10.40	9.70	3.20	12.10	8440
November ..	9.80	5.90	5.80	7.90	4.40	6.10	6.60	5.70	6.30	3.55	6205
December ..	13.00	9.50	7.60	6.40	6.85	2.90	7.40	8.70	7.70	9.07	7912
TOTALS ..	79.50	61.70	55.80	91.20	57.60	58.55	70.70	63.85	66.10	64.50	60950

1907 Dregaron Station

Inspected

Inspected 1902 H.S.W. A little water in outer can, but inner can tight.
 g. slightly out of level & put right. Open moorland rising
 gently eastwards

RAINFALL at Nantnewadd [Abercrombie]County of Cardigan Observer Mr W RobertsRiver Basin Jowry 4

Rain Gauge, by _____

Diameter ...	5										
Height	10										
Altitude ...	1290							1000			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	7.62	2.85	5.81	8.58	6.10	9.85	6.00	4.05	7.70	(6.47)	
February ...	8.88	4.55	4.52	3.22	8.13	10.45	8.60	1.53	6.88	(3.85)	
March	3.18	3.78	11.77	9.70	11.10	2.25	2.80	3.95	4.95	7.95	
April	5.52	3.85	.80	9.10	2.25	3.75	7.15	6.25	2.60	4.90	
May	3.95	2.70	1.93	4.55	4.37	3.12	4.78	4.60	5.05	1.90	
June	7.93	6.07	6.40	4.40	2.20	1.48	5.30	4.25	3.17	5.00	
July	7.35	.58	5.22	2.30	6.75	6.77	4.55	3.70	6.45	3.55	
August	8.20	5.25	13.13	4.48	5.25	6.78	5.95	14.10	4.25	5.92	
September ..	.70	4.70	1.77	3.90	4.00	1.55	6.62	4.80	13.20	4.10	
October ...	6.00	6.00	7.93	6.25	3.43	3.25	12.40	11.60	5.58	3.45	
November ..	9.90	7.72	7.22	9.62	8.07	4.67	6.95	7.15	5.77	5.18	
December ...	11.42	14.00	9.58	4.65	11.40	13.72	4.08	3.45	13.55	13.92	
TOTALS ...	80.65	62.05	76.18	70.75	73.05	67.64	75.18	69.43	79.15	66.22	72.030

1910 Jan gauge moved $\frac{1}{4}$ mile E } probably 1911
 1911 Jan " $\frac{1}{4}$ mi.
 1913 Jan " $\frac{1}{4}$ mile
 1914 gauge moved $\frac{1}{4}$ mile in January.
 " " $\frac{1}{4}$ " Dec.
 1917 " " $\frac{1}{4}$ " - January
 1918 " " $\frac{1}{4}$ " " "

g moved Jan. 1919 $\frac{1}{4}$ mile
 1919. Jan & Feb. corrected for snow.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Tregaron	11 mi 11.5 mi		Tregaron	11 mi	

RAINFALL at *Abergochwyn (Nantgwynedd)*County of *Cardigan*Observer *A. W. Roberts* (paid obs.)River Basin *Towy 4**for m.o.*Sound *Copper*
+ *iron* *MO 7134* Rain Gauge, by
glass MO. 709

Diameter ...	5										
Height	1.0										
Altitude ...	1290	1000									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	8.45	9.25	8.60	7.23	8.30	7.03	8.30	9.05	13.10	1.70	11.73
February ...	4.58	.35	8.45	10.85	1.67	13.57	5.33	4.75	6.60	2.08	.82
March	9.57	8.30	4.93	3.55	3.08	2.80	2.60	8.25	4.65	.82	3.90
April	11.53	2.48	4.72	4.07	5.80	4.45	3.15	4.38	2.20	1.43	4.45
May	5.52	5.37	1.75	5.78	6.95	5.85	3.78	2.60	.85	4.92	3.33
June	5.08	.80	2.75	2.15	4.97	.20	3.80	6.57	8.85	4.30	3.70
July	8.22	3.33	7.80	4.95	7.63	4.50	9.37	7.28	2.75	3.68	7.97
August	3.18	8.17	5.15	6.80	9.57	5.80	6.88	12.20	8.50	5.90	7.08
September...	5.45	2.20	5.18	7.62	8.73	6.38	3.79	7.50	2.57	2.23	8.72
October.....	4.57	3.10	1.97	11.95	8.10	9.02	5.19	6.07	10.15	10.40	11.10
November...	2.60	2.95	3.25	6.20	4.45	3.75	10.16	5.20	13.93	15.00	9.00
December...	7.08	7.10	8.65	9.10	10.52	7.50	1.74	4.95	5.23	12.95	9.50
TOTALS...	75.83	53.40	63.20	80.25	79.77	70.85	64.09	78.80	79.37	65.41	81.30
<i>7th</i>	<i>10</i>	<i>2</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>2</i>

1922. Gauge moved from *1/2* mile to *1/4* mile

1923. Gauge moved in January 1/4 mile

Impeded p. 23.9.25 to 5.6.5 of house + on west of the Towy. G. was placed on slight promontory on side of hill. There was ample shelter G.W. S + E. The gauge was somewhat sheltered by bushes which cannot be removed. Therefore was not ideal (but the best available owing to trouble with walls). In addition the gauge had the advantage of being on leeward side of hill.

1929. Sept. adjusted by maps.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920			<i>Tregaron</i>	11 miles		<i>Tregaron</i>		
1929			<i>do.</i>	11 m.	<i>W.</i>	<i>Tregaron</i>	11 m.	<i>W.</i>

RAINFALL at Abergweyn (Hantauadd)County of Cardigan Observer Meteorological OfficeRiver Basin 4 - Lough W. RobertsType of Gauge Hanover's Octapent D. J. Roberts (1936)20.746 (from 1/1/36) A. Haines (1937)20.746 (from 1/1/36) T. Williams (1938)Annual Average 67.6 in. based on 20 years obs. un-weighted. Period of average Ref.

766 007 127

Diameter	5.										
Height	1.0										
Altitude	1000										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	8.08	11.20	8.12	7.95	4.35	8.55	10.23	(10.65)	9.50	3.00	8183
February	7.40	.13	6.10	65	8.20	3.17	10.65	(3.60)	8.50	4.50	5290
March	1.10	4.85	6.30	5.10	2.30	3.53	3.80	(2.70)	3.50	5.50	3868
April	5.95	4.90	1.65	4.90	8.13	3.37	6.00	.90	3.00	3.00	4230
May	5.70	7.35	2.90	8.43	2.55	3.23	2.47	(6.30)	1.00	2.00	3603
June	5.45	2.40	5.93	2.15	6.33	4.50	2.07	(5.60)	4.50	1.00	4023
July	5.65	10.50	4.70	3.00	1.65	8.45	2.85	(7.50)	11.00	7.00	6230
August	6.65	2.25	1.95	6.37	2.03	1.35	1.85	(5.50)	2.50	1.50	3293
September	3.12	5.32	8.35	6.13	12.12	5.25	5.65	3.50	1.50	3.50	4684
October	2.80	14.07	8.70	9.85	9.43	5.90	4.55	8.50	3.50	9.50	7680
November	12.88	6.37	2.50	2.57	10.60	7.35	(2.53)	12.50	14.50	11.50	8330
December	4.57	5.33	2.05	15.10	6.03	(9.70)	(5.90)	(8.50)	5.50	5.50	6218
TOTALS	69.35	74.67	51.23	67.50	74.92	64.35	(58.55)	(75.75)	68.50	57.50	66232

1931. Corrected for d. d.

1936. Re. W. Roberts d. 26/2/36.

1936 Dec. estimated.

1937 Nov. adjusted. Dec. estimated.

1938 Monthly totals in brackets have been amended after reference to Traheron (Stu. No. 4134)

Records 1939-40 shown to be too low for average of 61.6 in. in 1944 Rainfall Survey the low values are considered to be due to growth of trees - Dec 1939.

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
1931.			Traheron	11 m.	do.	Traheron	11 m.	do.

Station No. M 4153RAINFALL at Abargwesyn (Nantnewydd)

41

County of CardiganObserver Mr T. Williams, Esq. for M.O.River Basin H-T. m. y.Type of Gauge Oct. 1st

Feb. 1940 (1738)

Annual Average 64.4 in. based on 20 years obs. un-weighted. Period of average

Ref

File No. 7.66.007/27

Diameter	5										
Height	10										
Altitude	1000										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(4.00)	6.00	9.50	(9.00)	6.00	7.50	5.50				
February	6.50	2.00	5.38	3.00	6.50	9.50	3.00				
March	3.00	4.00	1.75	1.00	3.00	2.00	(11.00)				
April	1.50	(3.00)	2.70	(3.50)	3.00	1.75	6.00				
May	4.00	9.50	5.75	2.50	5.50	3.00	3.00				
June	1.50	2.00	(4.50)	3.50	4.95	6.50	3.00				
July	3.00	6.50	(5.00)	3.00	3.55	3.00	2.50				
August	7.00	5.50	6.00	4.00	4.50	7.50	(.50)				
September	1.00	4.00	6.50	5.00	4.75	9.50	3.50				
October	6.00	7.50	6.50	(0.50)	5.00	3.00	1.50				
November	5.50	1.50	6.50	11.00	1.00	12.50	(7.00)				
December	5.00	9.00	3.50	(7.00)	7.50	7.50	(6.50)				
TOTALS	48.00	60.50	(63.58)	(63.00)	55.25	73.25	(53.00)				

1941 Oct-Dec copied by ref to maps

Jan added for snow.

1942 April added. June 2

1944 Jan, April, Oct & Dec pl. est.

1949-54 records too low for average of

1947. Man. Aug. Nov & Dec extra.

1948 no returns received during 1948. Asked to return gauge, 29/9/48

1949

In gauge etc. was not returned, equipment "written off" change to 1404 2/11/49

1944. Low trees which have grown a great deal in past five years probably accounted for low totals. Gauge has since been moved to better position (54A. info)

Oct & Nov app. 75. 25. 2.46

Position of Station on reduced Ordnance Survey Map,
1 mile to 1 inch Series

No. of Map.....

Reference No. 111 22/86

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

BRITISH RAINFALL ORGANIZATION