

RAINFALL AT Towy - Nantmead

N 22

Lat.

Lon.

County of Cardigan

Rain Gauge, by

Observer Met. Gaten Board Port Roberts

M

Towy - 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 - Nantneuadd

No. 29

Lat.

Lon.

County of

Cardigan

Bradford Rain Gauge, by Cassella

Towy - 4 ft.

verified

Observer Mer. Water Board M. W. Roberto

Diameter ..	5	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
Height ..	1 o											
Altitude ..	1290											
Year ..												
January ..	7.30	6.20	4.40	10.60	9.20	4.60	10.80	4.80	4.30	5.03	6.723	
February ..	5.70	3.40	2.80	5.80	6.30	3.35	6.50	3.50	6.20	1.52	4.507	
March ..	1.30	5.40	4.90	10.70	3.60	9.20	5.70	3.90	5.70	4.75	5.515	
April ..	3.60	5.90	3.50	3.70	4.50	7.80	2.10	4.40	3.40	5.95	4.485	
May ..	5.80	1.60	5.80	3.80	3.40	1.00	6.20	4.60	4.50	2.70	3.940	
June ..	6.40	4.60	2.90	2.00	2.95	3.00	3.70	6.15	2.60	3.93	3.823	
July ..	4.20	1.90	3.40	4.35	3.60	3.90	2.30	4.80	8.10	6.47	4.302	
August ..	9.10	6.50	5.10	10.35	5.60	7.20	7.30	6.60	6.70	3.00	6.745	
September ..	4.50	4.40	3.70	7.40	3.40	3.60	1.70	1.00	7.40	6.43	4.353	
October ..	8.80	6.40	5.90	18.20	3.80	5.90	10.40	9.70	3.20	12.10	8.440	
November ..	9.80	5.90	5.80	7.90	4.40	6.10	6.60	5.70	6.30	3.55	6.205	
December ..	13.00	9.50	7.60	6.40	6.85	2.90	7.40	8.70	7.70	9.07	7.912	
TOTALS ..	79.50	61.70	55.80	91.20	57.60	58.55	70.70	63.85	66.10	64.50	66.950	

m $\frac{in}{ft}$ m $\frac{in}{ft}$ m $\frac{in}{ft}$

1907 Gregorion Station

H.W.

Inspected

Inspected 1902 H.S.W. A little water in outer can, but inner can tight.
 g. slightly out leveled just right. Open moorland sloping
 gently eastwards

RAINFALL at Nant-y-nedd [Abergwesyn]

County of Cardigan

Observer Mr W Roberts

River Basin Towy 4

Rain Gauge, by

Diameter ...	5										
Height	1 0										
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	7.40	(6.45)	
February ...	7.88	4.55	4.52	3.22	8.13	10.45	8.00	1.50	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	7.85	.58	5.22	2.30	6.75	6.77	4.55	3.70	6.45	3.55	
August.....	7.20	5.25	13.13	4.48	5.25	6.78	5.95	14.10	4.25	5.92	
September ..	7.70	4.70	1.77	8.90	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	7.02	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	70.18	70.75	73.05	67.64	75.18	69.43	79.15	66.22	72.030

916 Jan gauge moved $\frac{1}{4}$ mile E } probably 1911

1911 Jan - - - mi.

1913 Jan - - - $\frac{1}{4}$ mile1914 Jan gauge moved $\frac{1}{4}$ mile in January.

" " " Dec

1919 " " " January

1918 " " " " "

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			Fregonon	11 mi 1½ mi		Fregonon	11 m	

RAINFALL at ~~Abergavenny~~ ^{Nantynewald} (Tintern)County of CardiffObserver Mr. W. Roberts (paid obs.)River Basin Towy 4

for m.e.

sound ^{Copper}
trommel MD. 7734 Rain Gauge, by
glass no. 709

Diameter ...	5										
Height	1.0										
Altitude ...	1290	1000									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	M.A.N.S.
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	3.55	6.45	10.85	1.67	13.57	5.33	4.75	6.60	2.08	1.82
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	17.5	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	4.20	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	2.54	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	13.98	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	80.20	79.77	70.85	64.09	78.80	79.37	66.41	81.30
4th. 10	d	d	d	D	D	D	D	D	d	2	2

1922. gauge moved from ~~to site~~

1923. Gauge moved in January 1st mi

Installed 23.9.25. S. to S of house + on west of the Towy. S. was placed on slight promontory on side of hill. There was ample shelter C, W, S+E. The gauge was somewhat sheltered by bushes, which must be removed. Therefore was not ideal (but the best available owing to house with walls). In addition the gauge has 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	Parish Church.	Distance from gauge	Direction
1920	-	-	Jagson	1 miles	W	Jagson	-	-
1929.			do.	11 m.	W.	Jagson	11 m.	W.

RAINFALL at

Abergwyngwrach (Nantneuadd).

County of Cardigan

Observer Meteorological Office

W. Roberts

River Basin Teifi - Towy

D.J. Roberts (1936)

Type of Gauge Herringbone Octagonal

A. Barnes (1937)

20 ft. dia. (From 1/7/28)

T. Williams (1938)

20 ft. dia. Birmingham water butt

Annual Average 64.6 in. based on 20 years obs. un-weighted. Period of average

Ref.

766007127

Diameter	5	Height	10	Altitude	1000	Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	8.08	11.20	8.12	7.95	4.55	8.55	10.20	(10.65)	9.50	3.00	8183						
February	7.40	1.13	6.10	6.5	8.20	3.17	10.65	(3.60)	8.50	4.50	5290						
March	1.10	4.85	6.80	5.10	2.30	3.53	3.80	(2.70)	3.50	5.50	3868						
April	5.95	+90	4.65	4.90	8.13	3.37	6.60	9.0	3.00	3.00	4230						
May	5.70	7.85	2.00	3.43	2.55	3.23	2.47	(6.30)	1.00	2.00	3603						
June	5.45	2.40	6.98	2.45	6.33	4.60	2.07	(5.60)	4.50	1.00	4023						
July	5.65	10.80	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	7.35	6.10	2.12	5.25	5.05	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	2.87	10.60	7.25	(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	6818						
TOTALS	69.35	74.67	51.28	67.50	74.92	64.35	(5.55)	(75.75)	68.50	M	57.50	66232					

1931. Corrected for w. d.

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

1936 Dec. estimated.

1937 Mar. adjusted. Dec. estimated.

1938 Monthly totals in brackets have been amended after reference to Tregearon (B.M. No. 4134).

Accounts 1939-40 shown to be too low for average of 66232 in 1944 Rainfall Survey. The low values are uncorrected & due to growth of trees - see 1944.

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
1931.			Tregearon	11 m.	W.	Tregearon	11 m.	W.

Station No. M 4753

RAINFALL at Abergwernyn (Nantnewadd).

41

County of Cardigan

Observer Mr T. Williams, F.S.A. for M.O.

River Basin W-Towy

Type of Gauge Octopank

Feb. 1940 (17/38)

Annual Average 64.5 in. based on 20 years obs. un-weighted. Period of average

Ref.

File No. 7.64.007/2

Diameter	5										
Height	1	0									
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	(1.00)				
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	(1.50)				
September	1.00	4.00	6.50	5.00	4.75	9.50	3.50				
October	6.00	7.50	6.50	(10.50)	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)				
	m	m	m	m	m	m	m				

1941 Oct-Dec corrd by ref to maps
Jan cold for snow.1944. Low trees which have grown a great deal in past
few years probably accounted for low totals. Gauge
has since been moved to better position (54A. incl.)

1942 April estd. 1943 July est.

June 2 sec 1944 Ann for survey p. 25-2-46

1944 Jan, April, Oct & Dec est'd.

1939-44 records too low for average of 64.6 in.

1945 No return Nov & Dec, obs. normal

sec 1944 Ann for survey p. 25-2-46

1946 Mar Aug Nov & Dec est'd.

1947 No returns received during 1948. Return to return gauge, 29/1/8

1948 No return received during 1948. Return to return gauge, 29/1/8

sec 1944 Ann for survey p. 25-2-46

1949 No return received during 1948. Return to return gauge, 29/1/8

sec 1944 Ann for survey p. 25-2-46

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series No. of Map Reference No. W 22/85

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