

RAINFALL AT Llanbedr-y-Cwmn, Gwynedd

Lat.

Lon.

County of Carnarvon

Rain Gauge, by

Observer

J. T. Marks Esq. C.E.

E. P. Stephenson Esq. C.E.

Conway - 2.

Diameter	8										
Height	10										
Altitude	535 ft	510 ft									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.65	3.20	4.20	8.05	2.60	2.45	1.98	3.67	11.30		
February	-35	4.65	7.25	8.05	0.00	0.90	3.71	4.84	6.86		
March	4.45	1.30	2.65	3.75	7.80	8.00	8.89	3.74	3.55		
April	2.55	2.20	.25	2.80	4.85	3.20	5.79	3.58	5.57		
May	3.05	4.05	1.90	5.05	1.20	85	1.06	6.52	4.37		
June	5.60	4.30	3.90	2.30	.75		4.47	3.30	2.43		
July	4.10	3.65	2.70	3.25	4.20		1.46	.94	1.97		
August	8.45	4.25	4.05	5.80	4.15	0.00	5.48	5.45	1.36		
September	5.55	4.70	9.05	.30	1.80		7.26	2.98	5.66		
October	9.45	16.50	4.90	7.60	7.50		3.08	4.23	4.42		
November	8.25	3.15	5.20	5.90	11.45	1.83	4.97	4.80	10.03		
December	11.45	4.65	7.95	5.35	4.05	7.90	11.46	5.63	3.48		
TOTALS	61.50	69.90	56.60	54.00	58.20	49.85	(52.12)	59.61	49.68	61.00	58.67
	49.50										57.847

1891 Llanbedr Ch 1/2 mile E
House soft high 50 ft S

1890 of same - Oct 1890 computed from Llyn Dulyn
Llyn Dulyn having been found in error, this figure was
recomputed from Cadnant Hall 49.50. ($\times \frac{102}{67}$)

1887 (41.50)

1888 (50.50)

1889 (49.00)

} computed in same manner

(Lambertian Watering)

RAINFALL AT Llanbedr-y-Cennin Pladulyn

Lat. Lon. County of Carnarvon

Rain Gauge, by Conway &c-2. Observer E.P. Stephenson Esq. C.E.

Diameter ..	8											
Height ..	1.0											
Altitude ..	509 ft											
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.	
January ..	9.40	4.26	4.13	9.74	7.22	3.72	8.30	2.97	2.45	4.44	5.66	3
February ..	6.46	1.56	1.92	8.95	6.30	3.68	8.18	3.50	7.44	3.17	5.16	
March ..	1.68	7.50	2.84	10.20	3.74	7.05	5.96	3.72	6.06	4.54	5.34	9
April ..	2.99	4.40	2.68	3.30	4.27	3.92	2.00	2.39	2.43	4.61	3.29	9
May ..	3.29	1.28	5.41	3.33	3.13	2.05	5.07	4.12	2.45	1.17	3.13	0
June ..	2.07	4.67	2.90	1.16	2.88	3.23	1.57	5.08	3.15	2.21	2.89	6
July ..	1.51	1.93	.81	2.15	2.96	2.29	1.13	2.34	3.45	4.22	2.27	9
August ..	8.67	6.74	3.75	5.93	5.66	6.44	4.70	4.30	3.81	3.77	5.37	7
September ..	1.37	2.78	2.71	6.50	1.65	2.40	1.20	.68	6.49	5.12	3.09	0
October ..	7.09	3.82	4.34	11.69	2.67	4.70	9.84	9.21	2.09	8.85	6.43	0
November ..	7.00	6.59	3.13	6.13	4.22	9.10	4.69	3.44	5.52	3.66	5.34	8
December ..	8.21	8.37	7.67	6.26	4.26	1.61	5.57	5.76	5.16	7.74	6.06	1
TOTALS ..	59.74	53.90	42.29	75.34	48.96	50.19	58.21	47.51	50.50	53.50	54.01	4 53.5

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RAINFALL at Llanbedr-y-Cennin Plaen-dylyn

County of Cameron

Observer W. T. Ward sign for E. P. Stephenson sign CE

River Basin Conway + C 2

Rain Gauge, by—

Diameter ...	8										
Height	10										
Altitude ...	5098										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS. 1910-19 1919
January ...	7.10	2.36	4.53	7.08	3.33	8.27	3.82	3.47	6.45	6.98	20.52
February ...	8.13	5.49	4.21	3.77	6.66	9.15	6.82	.90	8.12	8.85	18.69
March	3.70	2.37	7.61	7.67	7.31	1.14	4.01	4.48	1.64	7.92	7.85
April	5.73	3.40	1.01	7.06	2.46	3.29	5.92	5.15	2.34	4.45	17.66
May	3.05	1.95	1.65	2.39	3.50	2.30	4.64	4.66	4.43	2.09	15.82
June	3.20	6.67	4.81	3.86	3.70	1.24	2.26	2.75	2.79	4.10	11.90
July	5.32	1.28	7.35	2.06	4.58	2.84	3.10	1.80	4.71	5.06	12.67
August	7.04	4.00	8.28	1.85	2.27	3.48	2.40	9.17	2.11	5.69	19.27
September ..	.50	4.80	2.31	4.43	3.60	3.30	4.92	2.75	11.70	4.30	23.57
October ...	5.27	6.14	7.40	4.75	2.50	1.87	5.38	10.33	4.76	6.00	26.4)
November ...	7.99	5.06	6.36	6.91	6.31	4.79	10.90	5.56	4.60	3.78	24.84
December ...	10.25	12.36	8.28	6.62	13.06	16.05	3.62	3.93	8.40	13.50	29.45
TOTALS ...	67.31	55.88	64.10	58.45	59.28	57.72	57.59	54.95	62.05	64.12	238.71

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

RAINFALL at Llanbedr-y-Celyn (Plasdulyn).

County of Caernarvon.

Observer W. G. Ward, Esq.

River Basin Conway - 2

Bog Pandduon.

Rain Gauge, by _____

Weekly

Diameter ...	8"													
Height	1.0													
Altitude ...	509													
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929				
														1930
January ...	7.15	7.72	6.35	5.06	4.94	6.82	7.34	8.74	11.99	2.61	11.41			80.04
February ...	5.07	1.70	8.90	7.16	1.33	9.80	3.99	1.16	7.50	1.03	.77			48.41
March	7.50	7.30	3.55	5.86	1.82	2.62	2.06	11.96	4.63	1.34	4.38			52.92
April.....	10.95	2.54	4.65	2.94	4.43	3.28	2.75	3.54	2.25	1.32	4.85			43.60
May	5.73	2.16	1.07	4.98	6.46	3.98	4.09	1.91	1.57	4.75	1.71			38.41
June	2.78	40	1.41	1.81	2.63	1.08	1.70	5.59	5.08	2.54	1.43			25.45
July	9.97	2.60	2.42	1.26	3.88	3.96	5.57	7.68	1.71	2.82	4.80			46.67
August	5.37	6.28	2.05	4.67	6.62	3.40	4.38	8.52	4.24	3.61	5.43			54.57
September...	3.82	1.72	4.62	7.54	8.00	7.44	4.53	7.84	2.50	2.85	4.55			55.41
October.....	2.77	2.90	24	9.99	4.04	6.78	5.99	6.56	11.25	8.70	11.42			70.62
November...	2.69	5.01	4.09	8.30	2.59	4.60	9.15	8.39	11.74	12.07	9.02			77.65
December...	4.21	8.35	9.65	5.98	10.53	7.40	1.90	1.95	5.54	11.91	10.54			77.98
TOTALS...	68.01	48.68	49.00	65.55	57.29	60.17	53.45	73.84	69.88	55.55	70.31			671.73

Inspected September 1928. see green file

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
			Llan-y-Bafr		

RAINFALL at Slanbedr-y-Cennin Llaodwyn new gauge

County of Carawon.

Observer W.T.Ward, 6E

River Basin. 2 - Conway &c.

Type of Gauge... M.O.

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

Diameter		8									
Height		1.0									
Altitude		509									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.42	10.09	7.33	7.95	3.60	10.05	8.25	9.10	12.59	8.22	7.560
February	7.13	.10	4.49	.69	5.95	3.97	9.36	2.95	5.52	3.92	4.508
March	1.21	3.41	3.29	4.15	1.31	4.52	2.87	2.58	5.35	2.94	3.163
April	3.79	6.16	0.95	2.32	5.76	1.94	5.65	.73	3.51	2.26	3.307
May	6.43	2.47	1.49	4.86	1.90	2.47	1.79	3.00	1.57	2.54	2.852
June	5.69	2.20	4.46	1.30	5.29	6.01	1.93	7.13	2.03	.88	3.692
July	2.22	5.00	2.00	.55	1.15	4.56	1.37	5.21	5.89	4.45	3.190
August	7.70	1.77	1.19	6.29	1.23	1.75	1.144	3.13	1.00	1.25	2.675
September	5.08	4.98	1.89	4.13	5.08	4.35	3.14	2.23	1.37	5.35	3.710
October	2.50	7.89	7.89	9.88	8.03	4.56	4.06	10.12	4.00	7.36	6.629
November	13.23	3.87	1.85	2.12	10.99	7.50	2.04	8.96	8.82	9.26	6.864
December	5.51	5.15	0.96	9.70	5.14	11.04	4.32	7.34	5.89	5.14	6.019
TOTALS	64.91	53.09	37.29	53.94	56.43	62.72	46.22	62.48	51.04	47.57	54.169

1938 May, June & July totals adjusted from nearby sites.

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
1934			Talybont (A.F.R.R.)					

Station No. 4354

RAINFALL at Llanbedr-y-Celyn (Plasdulyn) new gauge 41

County of Caernarvon

Observer W.T. Ward F.C.E.

River Basin S - Conway F.C.

J.A. Edwards Esq.

Type of Gauge M.O.

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

File No. 786149/27

Diameter	8			536	376							
Height	1	0	.			1						
Altitude	509					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means 1570.15	
January	2.46	6.66	10.27	7.91	(3.40)	8.43	7.46	12.52	5.86	.99	65.26	
February	6.87	3.33	4.86	(1.75)	(4.79)	17.81	(4.50)	4.25	3.30	8.00	56.46	
March	5.05	4.28	1.92	1.73	1.58	1.64	(9.89)	2.95	1.15	2.21	32.40	
April	1.74	4.28	2.32	1.66	3.03	1.58	6.86	2.78	5.49	5.82	35.56	
May	3.72	5.69	5.12	2.01	2.63	2.13	4.06	2.35	2.12	1.45	31.28	
June	0.34	0.44	3.37	2.31	3.74	4.82	3.64	7.05	0.89	1.20	27.30	
July	1.66	3.78	3.25	2.68	3.35	2.14	2.26	2.89	1.71	3.59	26.77	
August	4.84	3.53	4.55	2.04	1.36	4.62	.60	5.63	3.02	5.33	35.52	
September	1.20	4.20	6.90	7.11	3.24	4.93	3.66	3.66	1.67	8.87	45.44	
October	5.29	5.79	5.61	8.37	5.92	0.90	.66	3.38	8.61	4.59	49.12	
November	2.61	1.35	3.87	10.47	0.71	8.70	7.18	2.67	5.82	7.09	50.47	
December	3.76	8.15	3.51	7.82	5.37	6.85	3.63	11.03	8.49	4.51	63.12	
TOTALS	39.54	51.48	55.55	55.86	39.12	64.55	51.40	60.96	46.59	53.65	518.70	10

1943 monthly totals adjusted for date & reading
1944 Feb. app. with Mar. 7.77
20004 60004 300041945 Jan & Feb. apportioned
1950 House 24' high, 60° N.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. 4354

RAINFALL at Llanbedr-y-Pennin (Plandulyn) 51
 County of Caernarvonshire Observer W. A. Edwards, Esq., C.E.
 River Basin 2- Conway & Engineering Survey
 Type of Gauge Standard (No. 2) Standard U.D.C.

Annual Average ... in. based on ... years obs. un-weighted. Period of average ...
 " 55.30 " 38 = 1st Jan 1916-57 " 1916-50 Ref. 65
 File No. 156149/27

Diameter	8"			536	376				8"		
Height	1' 0"					1			1' 0"		
Altitude	509'					51			509'		
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.68	7.58	1.70	4.38	4.36	4.69	5.70	6.46	7.93	9.23	56.51
February	7.08	2.62	2.62	5.16	3.09	7.75	6.93	10.11	0.26	6.59	45.21
March	8.01	1.75	2.65	4.37	2.41	2.92	3.49	1.07	2.20	1.74	30.61
April	4.22	2.79	4.61	1.72	1.52	2.06	0.58	1.37	5.96	2.64	27.47
May	2.78	2.02	2.99	3.88	5.62	1.12	3.46	5.81	1.67	1.78	30.63
June	2.02	3.17	2.59	3.62	4.00	2.63	0.83	3.91	1.95	2.35	27.07
July	1.96	1.35	3.03	5.15	.88	6.81	7.12	5.80	2.47	3.09	37.66
August	5.26	3.15	2.98	4.88	1.06	11.01	6.18	3.28	0.95	4.47	43.22
September	5.37	6.61	5.86	5.87	3.60	4.64	7.99	10.49	0.66	4.53	55.62
October	1.47	8.43	2.03	8.79	4.93	4.21	5.88	5.34	7.29	3.75	52.01
November	9.57	3.83	6.88	10.16	2.54	2.47	3.82	2.69	7.57	13.63	63.10
December	11.45	5.69	1.57	3.81	6.11	6.73	4.47	4.26	9.40	9.05	61.54
TOTALS	63.61	43.99	39.51	61.79	39.02	50.04	56.45	60.09	49.30	62.85	530.62

1950 House 24' high, 60° N.

Inspected 10.8.60 by G.H. Miller of's most directions 30°-30° NNE → popular 60°-60° E → average 40°-45° SE
 → trees nearly all S → from 40°-45° WSW → 40°-35° UNW→ NW.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SH (E) 75498

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1957			Talycafn	2.3 NE	Llanbedr	0.4 SE

Summary of Earlier Records from 10-year Sheets :

V.R.S.

Record D. or d	1910-19	1920-30	1931-40	1941-50	1951-60
	1910-19	1920-30	1931-40	1941-50	1951-60