

Rainfall at Port Madoc No. 1

60

Cameroon.

W. G. H. Shouzer.

Diameter of Gauge, ... 5 ... in.

Height above Ground, 15 ft. in.

Above Mean Sea Level, 30 ft.

3 fl. 6 fl.

20 - 65
20 - 66 67 68

Glyn - 5.

YEAR - -		1864	1865	1866	1867	1868	1869	MEANS.
January - -				4.00	9.10	7.53	6.04	8.14
February - -				3.10	4.75	3.07	3.65	3.48
March - - -				3.80	2.80	2.50	4.77	2.64
April - - -				2.10	1.12	4.86	2.71	4.92
May - - -		2.51	4.49	1.59	2.05	1.97	3.52	
June - - -		2.54	1.93	5.17	.93	.49	1.21	
July - - -		2.44	1.80	1.15	5.34	.78	1.41	
August - -		3.57	5.12	4.19	2.50	4.09	3.51	
September -		4.78	1.27	8.77	5.51	2.60	11.54	
October - -		2.09	3.65	2.49	8.91	5.42	4.78	
November -		3.29	4.69	5.33	1.02	3.95	5.28	
December -		4.70	2.43	4.63	5.18	11.42	5.04	
TOTALS -			38.38	57.09	50.20	47.89	57.47	

✓ 0 5 0 8 5 6

RAINFALL AT Port Madoc

Lat.....

Lon.....

County of Carnarvon.

Rain Gauge, by..... Observer G H Stronger.....

Glealyn - 5.

Major Mathew

Diameter	5										
Height	3.0		2					3			
Altitude	10.0										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEAN.
January	3.62	4.02	8.65	6.46	4.39	5.42	2.47	7.94	4.10	1.91	4.898
February	2.61	3.44	4.63	1.39	3.33	2.79	5.57	6.32	1.85	5.68	3.461
March	3.17	2.58	4.39	3.80	3.81	1.36	3.52	4.58	3.19	2.50	3.290
April	3.30	3.29	2.51	1.33	2.03	2.15	4.40	3.64	1.84	1.55	2.604
May	2.08	.88	2.41	3.19	1.79	2.07	6.83	4.53	3.72	3.54	2.381
June	7.61	1.42	6.13	1.44	1.62	3.71	2.54	3.11	3.38	4.87	2.983
July	1.91	6.98	3.76	4.95	3.76	2.84	4.24	6.82	6.26	6.00	4.188
August	2.22	2.33	3.77	4.82	7.81	2.56	3.92	4.96	5.10	6.81	4.430
September	3.69	2.82	7.90	3.16	5.17	6.57	4.23	4.28	4.05	3.47	4.534
October	10.46	5.94	9.08	5.50	7.07	6.01	6.05	6.68	5.56	3.00	6.535
November	5.50	2.25	6.68	3.35	6.46	4.93	5.32	9.83	5.19	1.24	5.045
December	2.99	4.50	7.06	1.81	4.99	2.70	5.71	5.55	3.44	2.43	4.118
TOTALS	43.16	40.45	66.97	41.20	52.23	43.11	48.65	67.16	42.04	43.00	48.497

C C C

RAINFALL AT Port Madoc

Lat. _____

Lat. _____

County of Carnarvon

Rain Gauge, by _____

Observer Major Mathew

Glaslyn - 5.

Diameter	5										
Height	3.0										
Altitude	10										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.55	1.40	1.70	5.28	6.66	4.15	6.35	4.62	3.26	2.64	4.061
February	2.90	4.41	4.18	4.53	5.58	7.52	3.44	2.38	2.57	4.44	4.195
March	2.63	3.28	3.86	2.92	3.64	4.44	6.10	2.88	2.67	4.04	3.646
April	2.82	2.47	1.31	1.29	1.32	2.20	2.61	1.96	3.57	4.35	2.643
May	2.21	4.68	2.18	2.16	3.62	2.09	4.26	2.91	1.90	2.27	2.828
June	4.04	4.62	7.01	3.43	1.43	2.98	2.32	1.27	3.82	.57	3.152
July	8.40	5.89	7.24	3.16	5.22	3.52	6.33	4.21	7.21	3.27	5.445
August	2.64	5.90	5.75	4.28	1.75	2.64	3.17	2.38	6.21	6.72	4.144
September	5.30	2.20	3.62	6.03	6.87	7.01	7.88	5.14	3.00	2.97	4.997
October	5.18	2.88	3.63	6.06	3.91	6.27	6.62	4.80	4.30	4.93	5.158
November	7.58	6.29	7.92	6.19	4.26	7.71	7.41	4.07	5.10	3.67	6.020
December	9.02	5.22	8.17	4.44	6.06	2.55	7.65	4.85	4.51	7.20	5.987
TOTALS	53.77	49.24	65.63	49.97	50.32	53.08	64.09	41.47	48.12	47.07	52.276

1890 Jan 6.717

RAINFALL AT Portmadoe, West Cork

Lat.

Long.

County of Cork

Rain Gauge, by

Observer

M H WorthGlenlyn - 5.

Diameter							5					
Height							1 0					
Altitude							90?					
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January						3.58	3.58	2.12	7.16	8.02		
February						1.00	1.40	5.29	4.01	3.08		
March						10.46	7.45	5.88	2.11	1.40		
April						2.73	1.39	5.10	2.30	5.64		
May07	.57	1.15	4.71	3.71		
June						1.01	2.76	4.38	4.18	2.04		
July						6.01	4.72	1.78	.70	3.91		
August						4.02	3.32	5.46	7.46	1.50		
September						#	1.80	9.02	6.31	2.95	3.40	
October							4.36	6.59	5.95	2.40	5.17	2.84
November							7.63	4.32	1.99	7.23	3.88	3.52
December							5.20	4.54	7.94	5.98	6.15	3.21
TOTALS							46.13	50.09	53.08	50.78	42.27	

Back years 1894 to 1904 received 1906

RAINFALL AT Portmadoe, West Gardens

Lat.

Lon.

County of Lancashire

Rain Gauge, by

Observer M. H. North

R. M. Greaves Esq

garden - 5.

Diameter ..	5										
Height ..	10										
Altitude ..	90?										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	6.06	3.34	4.10	7.72	5.49	5.46	9.81	3.82			
February ..	3.54	1.90	.80	5.00	5.18	2.46	6.87	3.22			
March ..	1.24	3.50	3.54	7.79	3.99	7.80	6.29	4.31			
April ..	2.55	3.94	2.40	2.70	4.37	4.43	2.64	3.66			
May ..	1.94	.98	5.31	2.99	3.64	2.46	8.24	5.39			
June ..	3.39	3.21	5.62	1.46	2.20	2.85	3.46	8.24			
July ..	2.80	2.70	2.47	6.91	2.80	3.82	2.40	3.74			
August ..	7.95	7.22	3.91	8.18	5.45	8.10	9.65	5.67			
September ..	3.23	3.40	1.86	7.01	3.49	2.65	2.68	1.42			
October ..	5.81	6.50	8.05	13.57	4.20	6.08	9.98	8.02			
November ..	6.12	7.20	4.60	7.69	3.82	7.45	3.56	4.45			
December ..	6.83	6.23	5.44	5.65	8.95	2.56	9.01	6.72			
TOTALS ..	51.46	50.12	48.00	76.67	53.58	58.12	74.59	58.66	see near gauge		

1900 to 1904 Received late - not printed in "B.R."

1906 Portmadoe.

+ Inspected 15/10/05 H.R.M. On bank well exposed.

New g. to be in garden.



RAINFALL AT

Wern Portmadræ

Lat.

Lew.

County of

Carrawonshire

Smethwick Rain Gauge, by

Observed

R.M. Heaven

Hector Gardner

Glastyn - 5. Newfane

Diameter ..							5			
Height							10			
Altitude ..							50			90?
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909 MEANS.
January							3.82	6.54	3.13	
February							3.22	4.97	1.19	
March							4.92	4.31	4.04	4.28
April							2.23	3.66	2.88	4.02
May							7.42	5.39	4.65	2.23
June							2.70	8.24	2.38	2.61
July							1.90	3.74	5.46	6.13
August							9.06	5.67	5.17	2.25
September							2.00	1.42	4.04	6.11
October							8.58	8.02	2.78	9.48
November							2.91	4.45	4.84	2.70
December							7.73	6.72	5.48	7.51
TOTALS							58.66	53.23	51.64	

see inspection note old gauge.

RAINFALL at Portmadoe Weather Station

County of Carnarvon

Observer R M Greaves Esq Aberystwyth

River Basin Glachym

5

Snowdon

Rain Gauge, by

Diameter ...	5										
Height	1.0										
Altitude ...	90?										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.28	2.95	3.72	4.63	4.87	6.69					
February ...	6.52	4.25	2.99	2.07	4.25	6.36					
March	2.40	3.40	7.89	4.22	6.34	3.82					
April	3.87	3.64	.75	5.04	.68	3.21					
May	2.67	1.98	1.74	3.33	3.52	3.18					
June	3.54	3.51	6.60	4.62	1.75	1.06					
July	5.53	1.30	5.22	2.55	5.52	3.65					
August	6.48	5.13	8.42	1.51	4.97	2.42					
September ..	.59	4.85	1.12	5.88	3.34	2.32					
October ...	5.03	4.29	6.94	5.95	1.82	2.48					
November ...	7.45	6.36	7.10	6.84	4.64	4.58					
December ...	7.42	8.71	5.39	3.61	8.30	10.37					
TOTALS ...	54.78	50.37	57.88	50.25	50.00	50.14	NR.				

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Portmadoe	2 mi	S			

RAINFALL at Portmadoc Wern

County of Carnarvon

Observer P. M. Greaves Esq

River Basin Glaslyn 5

Snowdon Rain Gauge, by W. Wood & Son
Taff Vale & Co.

Diameter ...	5"										
Height	10										
Altitude ...	90										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...	7.58	5.24	5.67	5.27	3.53	5.31	7.15	9.36	3.16	7.06	
February ...	9.0	7.20	7.14	1.47	7.00	5.74	4.19	5.44	2.62	.61	
March	6.95	3.86	1.79	2.01	1.97	1.48	4.48	3.31	1.99	3.44	
April.....	1.98	2.92	3.27	3.90	2.92	2.60	1.83	2.23	1.63	3.44	
May	2.68	2.54	3.76	6.35	4.79	4.13	2.13	1.82	3.29	3.10	
June	8.80	2.52	2.53	4.18	.11	3.20	8.22	8.35	3.15	2.72	
July	3.34	5.53	6.19	5.58	2.64	5.37	3.11	4.40	3.68	3.94	
August	9.20	4.93	7.23	8.44	6.68	5.35	9.19	7.26	6.71	6.01	
September...	1.68	6.71	8.12	7.00	5.27	2.76	6.43	1.94	2.87	4.19	
October.....	6.13	1.07	9.46	5.20	6.27	4.60	5.46	7.59	9.35	9.38	
November...	3.34	4.10	8.32	3.58	3.13	8.51	7.96	9.48	12.00	9.06	
December...	6.48	7.44	6.90	9.42	4.13	1.47	1.77	4.76	8.02	8.72	
TOTALS...	NR	51.06	52.06	70.38	62.40	48.44	50.52	61.92	65.77	58.47	61.67

1930. G read 9 a.m.

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
1921	53° 54'	4° 10' W	Portmadoc	2 mi ESE		St. Brannos Penmynydd	300 yds N

RAINFALL at Portmadoe (Worm)

County of Barnavon Observer A.M. Greaves.

River Basin 5 - Glynaffon

Type of Gauge

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

Diameter	5.										Means
Height	1.0										
Altitude	90		20	20'							
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	7.06	7.16	5.00	4.19	2.62	5.15	4.13	5.80	6.46	3.81	5138
February	6.15	.11	4.47	6.1	5.33	2.91	7.63	1.99	4.33	4.59	3812
March	1.25	2.80	2.90	3.34	1.86	3.06	1.71	2.35	3.41	3.86	2604
April	4.87	3.83	1.92	2.61	4.17	1.16	4.28	4.43	2.49	3.81	2957
May	4.03	5.60	1.95	4.45	2.22	1.77	1.42	2.09	0.37	1.52	2542
June	6.61	1.62	3.41	2.52	8.39	5.13	3.16	5.98	3.30	1.10	4128
July	3.77	6.11	3.14	9.7	1.26	6.36	2.89	6.02	9.37	2.67	4256
August	5.30	1.52	2.99	6.47	3.04	3.91	2.73	2.73	3.42	.93	3304
September	3.28	4.44	1.69	5.17	8.43	3.06	5.19	2.50	1.12	3.74	4062
October	3.99	8.55	6.88	7.79	6.95	3.14	4.27	7.25	2.99	6.07	5788
November	10.62	4.32	2.63	1.94	6.62	6.00	2.56	5.98	7.32	7.28	5517
December	4.69	4.82	2.43	8.08	3.17	6.20	4.07	4.98	4.62	5.53	4859
TOTALS	61.62	50.88	39.31	14.814	53.66	49.85	44.04	48.10	49.20	4491	48961 K.P.

1940 Jan. part estd.

Position of Station on reduced Ordnance Survey Map, } No. of Map..... Reference No....
1 mile to 1 inch Series

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1931.	50° 54'	4° 10'	Portmadoe.	2 m.	E.E.	Pennorfa.	300 yds. W.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No.

4385

RAINFALL at Portmadoc (Wales)

41

County of Caernarvon

Observer R. Mr. Gower Esq. died 1942

River Basin 5-gauge

T. Col. Mr J. Williams-Ellis.

Type of Gauge

1950

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

Ref.

File No. 600220/37

Diameter	5			527	791					
Height	1	0			1					
Altitude	20				41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	Means
January	1.91	6.19	6.56	6.46	4.62	7.52	4.26	12.12	4.57	1.68 55.89
February	3.90	2.65	4.43	2.53	6.56	6.00	6.64	2.70	2.56	6.47 38.48
March	3.56	3.61	1.62	1.22	2.84	1.86	6.95	(2.06)	3.69	4.02 31.43
April	2.04	2.11	2.61	2.60	2.75	1.20	4.68	2.19	3.23	4.90 30.31
May	3.20	4.11	5.48	2.48	3.22	1.91	2.54	1.38	2.67	1.01
June	1.23	0.37	4.63	2.68	3.81	4.93	2.97	7.61	0.84	3.08
July	3.37	6.02	2.83	4.74	3.88	3.47	3.95	4.04	2.07	2.98
August	5.42	7.29	3.94	3.35	1.59	6.29	0.60	7.81	3.15	7.95
September	1.88	5.04	5.34	5.16	4.14	6.81	4.21	5.51	3.88	10.51
October	6.47	6.23	5.94	6.86	4.49	1.50	0.61	5.07	7.53	5.47
November	2.51	1.52	5.16	8.20	0.71	8.25	5.53	4.63	7.28	5.18
December	2.92	6.97	2.16	6.15	5.88	8.01	4.85	7.73	7.41	5.00
TOTALS	38.41	52.11	50.70	52.43	44.49	57.75	41.79	62.85	50.88	58.25

10004

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Position of Station on reduced Ordnance Survey Map, No. of Map.....
1 mile to 1 inch Series

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1941	50° 54'	4° 10' W	Portmadoc	2 ml	ESE	Penmynydd	300 yds	W.

BRITISH RAINFALL ORGANIZATION

Air Ministry, Meteorological Office

Station No. M 4384/9

51

RAINFALL at Pontmadoe (Urban No. 2)

County of Caernarvonshire

Observer

Col. M. J. Williams-Ellis,

River Basin Glaslyn/5

Type of Gauge BA

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

File No. 600236/37

Diameter	...										5"
Height	...										About 3ft
Altitude	...										180
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	...										
February	...										
March	...										1.73
April	...										2.74
May	...										1.56
June	...										1.56
July	...										5.00
August	...										4.75
September	...										6.99
October	...										5.06
November	...										10.41
December	...										6.35
TOTALS	...										see np

Inspected 9.760 by H.H. Butler. G. looking air base of rain. Mounted on wall. Site off. Year 40'-80' NNE, true 70'-140' SSE → 70'-110' S. House gable 30'-50' NW. Rec. moving 2' down to lower - only alternative available.

1960 np inc.

534398

Position of Station on Ordnance One-Inch map: No. of Map 116 National Grid Reference SH(23)534398

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

Summary of Earlier Records from 10-year Sheets:

Record D. or d	1910-19	1920-30	1931-40	1941-50	1951-60
C 1960.					

Station No. 4385

51

RAINFALL at Portmadoc (Wern)

County of Caernarvonshire Observer Lt-Col Mr J Williams-Ellis.

River Basin 5-Glaslyn

Type of Gauge Snowdon (No.2)

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

Ref

File No. 600236 | 37

Diameter ...	5"			527	791				5"		
Height ...	10'				1				12"		
Altitude ...	20'				51				20'		
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.71	2.46		2.20	4.42			4.52	5.60	6.44	
February ...	3.74	3.67		1.90	1.16			8.42	1.27	3.79	
March ...	7.53	1.62		1.76	1.89			2.19	2.91	1.59	
April ...	2.64	4.16		4.31	1.71			1.64	4.19	2.67	
May ...	1.74	3.23		4.12	2.53			3.82	1.19	1.56	
June ...	0.88	2.29		5.61	3.11			5.14	2.39	2.78	
July ...	1.14	3.68		1.09	7.12			4.45	3.44	7.95	
August ...	7.63	3.62		1.86	11.35			3.73	0.32	4.64	
September ...	7.75	4.56		2.86	5.14			11.18	0.60	7.39	
October ...	0.99	2.78		3.60	4.08			4.61	7.17	4.85	
November ...	6.44	6.60		1.95	2.60			4.55	9.70	10.75	
December ...	7.89	1.01		6.26	6.09			4.66	9.16	6.74	
TOTALS ...	51.08	89.68	N.R.	36.42	60.20	N.R.	58.91	48.14	58.15		
	D	D		D	D		D	D	D		

7

Inspected 9.8.60 by J. H. Blakeler. Obs NNE-SSE of SSW-W. Incl 60°-100°N → 50°-25°NNE (80°) → 60°-80°N
 → 60°-100°SSE. Rec alt. site in garden SH(23) 542399 satisfactory - narrow trees 35°-60°NW.
 Terrain reported.

1959 corrected for part W. D. by nos. b.

543399

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SH(23) 542399

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1941	50°54'	4°10'W	Portmadoc	2nd	E.S.E	Pennant	300yds W

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	1910-13 D	1920 N.R.	D	D	
	1914-15	1921-30 D			
	1916-19 N.R.				