

RAINFALL at Pwllheli Madryn (at the Farm School)

County of Carnarvonshire

Observer

a Turner Egg

River Basin Menai Strait 3

Dr. A. D. Turner (16)

Snowdon Rain Gauge, by

Terence Johnson (19) inches
inches

Diameter ...				5								
Height				1 0								
Altitude ...				285								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEAN ⁽¹⁹¹⁰⁻¹⁹⁾ TOTALS	
January ...					2.65	3.67	3.41	1.61	4.70	5.57	15.29	
February ...					4.72	6.05	3.61	2.26	3.91	.77	10.55	
March					4.85	1.85	2.54	2.08	2.05	4.50	11.17	
April37	1.80	1.80	1.78	1.56	2.76	7.90	
May					2.25	1.78	4.10	4.56	3.59	1.45	12.70	
June.....					1.84	1.10	2.82	2.05	2.26	1.05	8.18	
July					5.70	3.40	1.04	.97	6.14	2.83	10.38	
August.....					1.79	3.45	1.38	1.91	9.45	2.14	8.67	16.17
September ..					7.40	1.97	1.64	3.32	2.89	8.66	1.84	16.41
October ...					6.18	2.08	5.20	5.71	6.15	5.74	2.84	19.84
November..					5.47	5.15	4.18	4.09	2.67	3.05	1.67	11.48
December...					2.12	10.16	10.08	3.45	1.54	6.39	6.18	17.50
TOTALS ...					45.19	42.13	39.80	38.01	50.09	NR	55.57	158.57

Open Meadow

1919. Lee. 30-35 ft. High 50 yds. E.
Gen. Elevation 1400' 34 mi S.1918. Computed against 4383
During 1919-41 average.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Pwllheli	7 mi yds	SE	Glanddwrn	15 mi	W

RAINFALL at Madras Castle (Farm School)

County of Laramie

Observer. J. Henie

River Basin menai - 3

Sorodan Rain Gauge, by

1919. Open meadow
Dresson - 35 ft. high, 50 yds. E.

Sam. Falvey 1400ft. 2 m. S.

1929. Feb., June & Dec. corrected by surf? stations

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	Direction
1930			Portheli	7 m.	S.E.	Llanddwyn	1½ m	W.

RAINFALL at Madyn Castle (Farm School.)

County of Carnarvon.

Observer T. Hines The Principal
(Case Jones)

River Basin. S. Menai Straits

Type of Gauge.

Annual Average 39.0 in. based on 8 years obs. un-weighted. Period of average 1.3.31-1.9.32 Ref. 5
205610/32

Diameter	5											
Height	1.0											
Altitude	278											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.50	5.71	4.05	4.26	1.48	5.34	4.23	4.69	9.51	4.36	4.813	
February	3.09	.16	2.35	4.47	3.64	2.36	5.63	1.49	4.31	3.90	2.790	
March	1.65	2.22	2.32	2.93	.78	3.86	2.30	1.90	3.21	2.91	2.407	
April	2.88	2.63	1.91	1.39	3.51	1.27	2.89	.13	1.19	3.11	2.091	
May	4.87	3.84	2.09	3.39	1.18	.96	1.77	3.20	0.90	1.70	2.390	
June	4.80	1.64	(2.16)	1.93	3.50	5.47	2.48	5.00	2.72	.95	3.065	
July	3.45	4.82	2.42	.69	.92	7.01	2.77	5.10	8.28	1.36	3.682	
August	4.18	1.17	2.45	6.61	.80	3.14	1.58	1.42	3.31	.47	2.513	
September	3.89	3.26	1.60	5.14	6.88	4.28	3.36	2.96	0.48	3.43	3.528	
October	2.27	7.05	5.48	6.11	6.07	2.42	6.93	6.68	3.78	5.67	5.246	
November	11.21	2.89	2.69	2.41	5.11	5.67	2.55	7.75	8.04	7.27	5.249	
December	2.79	3.82	(3.89)	9.94	3.98	5.25	4.09	4.57	3.84	4.01	4.618	
TOTALS	40.58	39.21	(33.41)	45.27	37.85	47.42	45.58	44.89	46.57	39.14	42.372	KM

1931 Trees 20' high, 30 yds. E.

1933 June & Dec adjusted by near stations.

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.			Swallowheli	7 m.	E.	Llanddewi Ddu	1 m.	W.

Station No. 4362

RAINFALL at Madryn Castle (Farm School)

41

County of Carmarthen

Observer The Principal (T. Jones)

River Basin 3-Menai Straits

D.S. DAVIES, Esq., F.Sc. (1948)

Type of Gauge B.F. glacier

Annual Average 39.2 in. based on 8 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 2m.5.6.1.0.32

Diameter	5	509	535		8"	5"	8"	8"	8"	
Height	1000 ft			1	1' 6"	1' 6"				1' 6"
Altitude	278	↓		41	278'	278'				278'
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
January	3.27	6.99	8.24	11.56	2.68	6.20	6.70	9.52	2.32	1.09
February	2.78	1.26	1.88	2.51	4.21	3.50	0.92	1.96	1.76	6.32
March	2.55	4.97	0.95	0.69	1.23	(1.30)	9.00	2.68	2.83	3.62
April	1.52	2.07	1.77	(2.50)	2.33	(0.62)	3.72	2.15	3.13	3.68
May	3.13	5.52	3.69	(1.00)	1.32	1.79	4.53	1.41	2.69	1.02
June	0.90	1.12	2.61	(2.23)	3.20	5.96	3.14	3.33	0.47	1.39
July	4.65	2.49	1.96	3.25	2.91	1.81	2.88	2.97	1.72	3.53
August	3.22	4.52	3.10	2.31	0.93	5.86	1.22	4.81	3.82	8.45
September	1.95	3.34	5.21	3.97	2.33	5.91	4.01	2.85	1.16	8.45
October	4.63	4.09	5.81	5.75	4.03	0.99	0.81	2.02	9.58	5.08
November	3.34	1.23	3.25	6.31	0.78	8.52	3.07	3.72	5.96	5.67
December	2.05	6.81	2.55	3.17	6.01	7.88	3.49	6.59	4.29	6.12
TOTALS	33.99	43.41	41.02	(38.25)	(31.96)	5034	43.49	14.01	39.13	54.42

1942 Records retained in file

1944 April & May lost, June pt. lost. n.p. Too much estimation.

g. in open, greenhouse 15 high 25 yds N.

g. in open, greenhouse 15 high 25 yds N.

1945 n.p. much lost. 1946 March & April pasted.

* 1940. I believe now that since 1948 at least (I do not know how much earlier) the gauge has been a glacier setting on the surface with an 1' above ground level.

* 1942 Computed for purpose of averages using 1919-41 average with 4383.

07004 12004

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

Reference No. 23-28361

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1941 1944			Pwllheli	6 7 m	SE E	Hlanddewi	3/4 m 7/4 m	S.W. W.

Station No. 4262

T 30. 11. 54

RAINFALL at Madryn Castle (Farm School)

51

County of Gwynedd Observer Principal (I. Jones)

River Basin 3. Menai Straits

Type of Gauge Plaister

Annual Average 39.0 in. based on 8 years obs. unweighted. Period of average 1881-1915 Ref S
 49.05 " 35 " 1916-1950 196-1950 P
 File No. 205610132

Diameter	8"			529	535						
Height	1 3 "					1					
Altitude	278'					51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	6.46	6.07	2.80								
February	3.22	0.85	3.08								
March	5.83	2.68	1.45								
April	1.81	3.50	4.31								
May	2.57	1.80	2.95								
June	0.69	2.90	1.93								
July	0.90	1.46	4.36								
August	6.22	4.15	2.96								
September	6.83	1.82	4.35								
October	0.95	5.13	4.75								
November	8.50	3.12	6.85								
December	7.85	3.07	(1.19)								
TOTALS	66.85	35.55	40.48								
	D	D	d								

1900 Glanhouse 18' high 25 yds N.

1953 Dec. completed 1103(b)

± 1954 No reply to letter

00014

3

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SH(22)25-361

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1944			Pwllheli	Two	E	Wenlock	3 1/4 mi	W.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record D. or d		1916-19	1920-30	1931-40	1941-50	1951-60
		C 1915 inc.	1920 -	1931-36 D	1941 = 3	1942 = R. simple
		1914-17 D	1921-30 D	1937-69	1943-75 D	1944-76 NP
		1918 K.R.		1938-9	1945-76 NP	1946
		1919		1939-40 d		