

RAINFALL at LLWYN-CELYN.

County of Merioneth

Observer Lieut.-Colonel M.V.C.P. TRENCH.

River Basin

DOVEY

5"

Rain Gauge, by

Diameter					5"					
Height					7.3"					
Altitude					30'					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January					5.54	3.68	5.25	7.08	10.32	2.61
February					1.45	7.81	5.50	4.03	5.51	1.84
March					2.74	2.36	2.23	5.07	2.06	1.29
April					3.82	3.69	2.18	3.27	1.91	1.34
May					7.56	5.31	3.44	2.66	1.61	3.51
June					3.85	1.13	3.13	7.95	7.58	5.00
July					6.92	4.35	7.12	5.07	5.57	4.83
August					8.94	8.15	6.10	8.59	7.63	5.32
September					7.00	6.93	3.89	6.23	1.99	3.42
October					6.61	7.64	4.68	4.87	8.10	10.83
November					2.82	3.66	7.41	6.35	9.82	12.71
December					6.97	4.60	2.48	1.96	5.32	8.50
TOTALS					64.22	58.31	53.41	63.13	67.42	61.20
										63.87

1924-30 Data up received 2/32

1925-30
367.38

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series } No. of Map 15 Reference No. ?

Date.	Lat. N.	Long.	Railway Station,	Distance from gauge	Parish Church.	Distance from gauge
February 1932	52° 34' 3.57"	3° 57' 1"	Aberdovey Machynlleth	4.2m WSW 4.2m ENE	PENNAL	2 miles N.E.

RAINFALL at Penmael (Llwyn Celyn) old g.

County of Merioneth Observer W.Cpl M.V. G.P. Trench

River Basin 5 - Dwyryd

Type of Gauge Glaciometer

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

16707/32.

Diameter	5"											
Height	7' 3"											
Altitude	30'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	6.32	6.01										
February	7.31	0.07										
March	1.50	3.48										
April	5.79	3.02										
May	3.65	5.54										
June	6.44	1.26										
July	5.71	6.59										
August	5.41	2.31										
September	3.86	4.58										
October	3.82	8.86										
November	8.99	4.37										
December	4.43	2.85										
TOTALS	63.23	48.93 #	see new gauge 4345/6									

1931. House 20' high, 30' SW.
Tree 20' " , 20' N.W.

1932 n/p check.

Position of Station on reduced Ordnance Survey Map, } No. of Map..... 68..... Reference No. G.6.....
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
						Penmael	2m.	NE.

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

RAINFALL at Penang (Lleng. Ceylon) reg.County of PenangObserver Lt Col M.V. La P. FrenchRiver Basin S - DowfType of Gauge M.O.

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

Ref.....

C 1932.

167071/32

Diameter	5"	1' 0"	30'	Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	6.32	(6.22)	5.93	5.16	3.23	5.92	5.51	7.28	8.21	4.83	5.81	5.26	5.78	5.29	5.81
February	7.31	(0.07)	6.37	8.81	6.23	2.26	10.10	2.77	6.01	5.26	5.78	5.26	5.78	5.26	5.78
March	1.50	3.65	3.69	3.87	1.92	2.28	2.66	3.47	2.95	4.20	3.23	3.40	3.29	3.23	3.40
April	6.79	3.10	1.50	3.36	5.10	2.62	5.68	6.69	2.94	3.23	3.40	3.29	3.23	3.40	3.29
May	3.65	5.71	2.51	4.39	2.23	1.87	2.40	2.22	0.63	1.96	2.75	2.75	2.75	2.75	2.75
June	6.44	1.24	4.87	3.50	7.53	5.93	3.63	5.70	2.94	9.9	12.17	12.17	12.17	12.17	12.17
July	6.71	6.63	2.70	1.74	1.85	8.09	4.02	7.52	9.54	9.50	5.73	5.73	5.73	5.73	5.73
August	5.41	2.34	1.72	7.96	4.10	2.97	1.83	4.82	4.51	1.86	37.52	37.52	37.52	37.52	37.52
September	3.86	4.71	1.22	4.52	8.49	6.47	4.42	3.69	1.82	5.60	44.90	44.90	44.90	44.90	44.90
October	3.82	9.30	7.26	8.52	8.80	4.69	3.78	8.86	3.64	6.76	65.43	65.43	65.43	65.43	65.43
November	8.99	4.69	1.70	2.50	6.81	8.00	2.92	7.67	10.96	9.52	83.76	83.76	83.76	83.76	83.76
December	4.48	2.93	2.27	9.37	3.11	6.88	4.18	4.77	5.08	7.00	50.12	50.12	50.12	50.12	50.12
TOTALS	(63.23)	(50.59)	41.24	55.70	59.40	58.18	51.54	59.46	59.23	60.81	559.38				

Installed 5/8/32. 25 ft above sea level, 30°N, 103°E. Height 13' 55". Roof arch 22' 8". Harbourous border 5' in summer, 16' 5" E.W.

1940 Jan. contd. for show.

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
1932.			Macchynleth	4 1/2 m	ENE	Penang	2 m	NE

Station No. H345/16

RAINFALL at Pennal (Llwyn-Celyn)

41

County of Merioneth

Observer H.C.M.V. to P.Trench

River Basin S-Dovey

Type of Gauge M.O.

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

c. 1932

File No. 167071/32

Diameter	5			523	600						
Height	1	0				1					
Altitude	30	/				41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.12	4.82	7.34	6.24	4.67	6.13	4.10	11.40	4.82	2.66	58.30
February	4.50	2.80	4.96	4.57	7.10	5.63	1.44	3.07	2.88	7.92	64.87
March	4.19	3.71	1.46	1.31	2.98	1.43	8.45	3.00	4.26	2.76	33.55
April	2.50	1.95	2.08	3.31	2.87	1.37	3.67	2.00	6.52	6.62	32.89
May	4.05	4.59	5.48	3.07	4.50	1.66	3.91	3.06	5.19	1.09	36.58
June	1.28	1.09	6.13	4.37	5.55	6.04	3.40	6.31	0.98	4.52	39.67
July	4.88	7.55	4.85	4.25	2.87	6.08	4.86	4.43	3.05	4.27	47.09
August	7.09	5.12	6.51	3.06	5.74	7.42	1.22	6.59	3.59	9.70	56.04
September	1.86	6.67	7.45	5.09	4.23	8.17	3.68	6.22	3.37	14.21	60.95
October	7.64	7.77	5.02	7.51	3.91	2.00	0.60	6.81	2.76	5.12	55.14
November	3.54	4.00	7.29	8.75	1.10	7.25	6.62	5.41	7.62	6.66	55.26
December	4.74	8.27	2.92	4.65	5.88	6.05	5.96	6.87	7.07	4.94	57.85
TOTALS	49.39	58.32	67.49	56.18	51.40	59.23	47.91	65.17	58.61	70.47	570.17

*941 House 20' high 30° N
Hedge 4' high 13° S.E.

46.909

Rustic arch 7' high 22° S

Herbaceous border 5' (in summer) high. 16° S.W.

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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
1941			Machynlleth	4½ ml	ENE.	Pennal	2 ml	N.E.

BRITISH RAINFALL ORGANIZATION

RAINFALL at Penrhos (Hwyan Llyn)

Llynneidyn 1957 Station No. 43451b

County of Merionethshire Observer Mr. Col. M.V. le P. French

River Basin 5 - Dovey

Type of Gauge Standard (5") (Bassell)

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

Ref. 3

59.49 " 25 - 1932-57. "

File No. 167071 132

Diameter	5"			503	600			5"			
Height	1' 0"					1		1' 0"			
Altitude	30'					51		30'			
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	5.63	5.65	2.96	6.00	3.42	6.91	6.17	4.47	5.36	7.41	53.98
February	4.74	2.87	2.98	4.46	2.66	0.89	3.87	10.23	2.39	4.39	39.48
March	8.81	4.36	2.89	4.43	3.26	2.69	6.44	1.75	3.33	1.92	39.88
April	4.94	2.96	4.79	1.86	6.11	2.21	0.87	1.81	4.66	3.29	33.50
May	1.67	3.15	2.66	2.96	5.37	2.23	2.22	4.60	1.35	1.64	21.85
June	1.81	4.67	2.35	6.75	6.82	3.33	3.49	4.77	3.93	4.10	6.202
July	4.07	2.20	6.51	9.68	1.17	6.41	9.17	7.51	4.24	7.93	58.89
August	8.11	4.12	5.87	8.09	1.98	9.61	7.52	5.32	1.19	8.11	59.92
September	6.15	4.06	6.11	6.22	6.45	6.03	11.23	4.57	0.52	8.94	64.28
October	2.06	6.62	3.06	13.60	3.34	3.81	9.85	5.52	8.36	3.69	59.91
November	8.34	5.48	7.20	9.81	2.29	4.35	2.95	5.67	6.61	11.36	64.06
December	9.67	6.99	2.38	9.51	6.36	5.44	3.40	4.27	8.00	8.25	64.27
TOTALS	66.00	53.13	49.76	82.37	48.23	53.91	67.18	65.49	49.94	71.03	608.04

1951 House 20' high 30' N: Hedge 4' high 18' SE: Rustic arch 7' high 22' S Herbaceous border 5' (in summer) high 16' 55" W.

1957 50%

1957 50%, but border given as 5'.

Influenced 4-8-60 by shelter Woods NW nearest 50'-60' NW shelter measurable. 6' drop to road 15'SE but shelter beyond

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SN (1:100,000) 1571014186

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1941			Machynlleth	4 miles E-NE	Penrhos	2 miles NE

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1924-30	1931-40	1941-50	1951-60
			C 1924-30 1924-30 -	1931-32 1933-40 D	D	