

RAINFALL AT Dolgelly (Borthmog)

Lat.

Long.

County of Merioneth

Rain Gauge, by

Observer

Diameter															TOTALS MM.
Height															
Altitude															
Year	1890	1891	1892	1893	1894	1895	1896	1897	1916	1917	1918	1919	1920		
January									3.30	3.10	4.30	5.20	15.90		
February									5.10	2.90	6.40	2.60	17.00		
March									1.80	4.60	3.90	8.00	18.30		
April									6.70	4.80	2.10	4.50	18.10		
May									4.10	2.80	4.80	1.40	13.10		
June									3.40	4.60	4.10	4.90	17.00		
July									2.30	2.70	3.70	2.60	11.30		
August									4.40	10.20	3.70	4.50	22.80		
September									6.60	6.50	13.50	6.40	33.00		
October									9.60	9.70	5.70	3.90	28.90		
November									5.10	7.30	6.10	4.20	22.70		
December									3.90	3.00	8.50	12.40	27.80		
TOTALS									56.30	62.20	66.80	60.60	245.90		

Monthly & annual values computed using Dolgelly (Borthmog)

~ 1935-39 to 1960 overlap.

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RAINFALL AT Dalgelly (Borthmog)

Lat.

Lon.

County of Merioneth

Rain Gauge, by

Observer

Diameter	1920 1890	1921 1891	1922 1892	1923 1893	1924 1894	1925 1895	1926 1896	1927 1897	1928 1898	1929 1899	1930 Means.	Totals
Height												
Altitude												
January	6.10	7.90	6.10	8.80	5.10	4.30	5.90	6.70	9.90	2.30	8.50	91.60
February	4.90	0.70	6.60	12.10	2.10	9.20	4.70	4.80	6.80	1.70	0.70	54.30
March	6.40	7.30	3.60	2.10	2.80	2.90	2.70	5.60	2.60	1.60	3.40	43.00
April	6.30	2.00	3.10	4.20	4.30	3.90	2.40	3.90	2.70	1.50	2.90	39.20
May	7.50	3.00	1.70	6.00	6.00	4.60	3.20	2.50	1.10	3.50	3.90	43.00
June	4.60	0.50	2.60	2.40	4.00	0.10	4.10	8.50	7.30	4.60	2.70	41.40
July	9.60	2.40	5.00	7.30	6.40	3.60	6.60	5.70	6.20	4.30	6.80	63.90
August	2.90	8.70	4.80	6.40	8.80	7.20	5.30	9.70	7.20	7.20	8.20	76.40
September....	6.90	2.20	6.90	7.80	7.70	5.60	3.10	6.00	1.70	3.70	4.50	56.10
October.....	4.60	5.40	1.60	11.00	5.10	6.30	4.50	5.30	8.00	9.30	8.70	69.80
November....	2.60	4.60	3.80	7.10	3.90	4.10	8.10	6.20	9.30	13.20	8.20	71.10
December....	4.40	6.70	6.20	7.60	7.10	4.30	2.20	2.20	5.00	9.90	8.80	64.30
TOTALS ...	70.80	51.40	52.00	52.70	63.30	56.10	52.80	67.10	67.80	62.80	67.30	694.10

Monthly & annual values computed using Dalgelly (Borthmog) 1936-40 overlap.

RAINFALL at

Dolgellau (Borthwrog)

County of Merioneth

Observer Colonel C.W.H. Crichton

River Basin. 4-Mawddach &c.

Type of Gauge. Inspection: B.P. M.O. (1936)

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

Ref.....

738950/27.

Diameter	5"												1931-40 Means Total		
Height	2' 8"														
Altitude	5'														
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931	1940			
January	640	750	7.00	5.30	3.45	7.37	6.46	6.64	7.33	3.75	3.75	63.10			
February	780	7.19	6.37	4.70	3.10	5.40	0.70	6.67	2.87	8.51	2.79	5.40	5.61	45.85	
March	130	5.55	5.79	6.0	4.50	3.10	5.00	2.13	3.76	2.83	3.19	3.37	3.74	32.92	
April	680	3.43	2.79	4.25	4.10	0.80	4.10	3.56	0.65	3.83	6.17	1.99	4.86	3.36	36.02
May	370	5.96	2.59	4.67	1.90	5.10	2.20	2.16	2.25	2.67	2.36	1.09	1.81	29.94	
June	670	1.94	4.91	2.41	6.00	2.70	1.90	7.54	6.85	3.23	7.12	3.20	.71	43.55	
July	520	5.70	2.25	1.52	1.60	2.10	8.10	1.47	9.15	3.28	6.13	8.96	6.69	52.08	
August	590	1.69	2.12	7.32	6.10	1.60	4.50	3.42	2.10	1.15	5.19	3.94	1.98	35.48	
September	430	5.43	1.31	3.64	10.10	7.50	10.00	7.77	7.05	3.61	2.91	1.44	5.36	44.64	
October	410	9.40	8.11	9.21	4.80	2.00	1.90	9.45	4.40	3.35	6.97	2.52	5.50	63.89	
November	970	4.06	2.32	2.21	4.00	2.10	8.60	7.37	9.05	2.20	7.17	9.89	9.41	63.49	
December	500	3.53	1.79	8.45	3.79	7.95	3.72	6.45	4.94	6.21	5.27				
TOTALS	6890	56.50	42.10	57.70	51.93	41.00	52.81	61.39	64.09	45.87	58.21	54.71	54.13	563.72	

1932. Tree 80' high 17°E: wall 12' high 12°E: Rock 60° elevation N: wall 10' high 22°W.

Recommended. Oct 1926 - 1927. Washed away Oct 1927

Inspected 6/7/34. O.K. gauge, sound and correct. Gauge on box. Two correct flat measures, one broken and used in gauge. Excellent exposure in middle of large open ditch garden.

Monthly & Annual totals 1931 - completed }
1932-3+ { completed using Dolgellau (Borthwrog) 1935-40 overlap

By J. G. Crichton

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			Penmaenpool	1170'	130°(W)	Llanengan	2m	E (N.E.)

Station No. 43425

RAINFALL at Ddegell (Borthw. a. g.)

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County of Merioneth

Observer Col. G. H. Crichton

River Basin 4 - Mawddach &c.

Type of Gauge M.O.

Annual Average 56.2 in. based on years obs. un-weighted. Period of average

Ref.

File No. 738060/27

Diameter	5			525	725						
Height	1	0			1						
Altitude	5				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means 1941-50
January	1.93	7.60	8.24	6.06	4.96	6.25	6.61	11.71	2.68	1.59	58.63
February	5.17	2.94	4.88	3.01	6.19	5.86	1.51	3.30	2.87	7.09	42.82
March	4.60	3.14	1.51	1.27	2.21	1.19	8.36	3.09	4.16	2.78	32.31
April	2.60	2.84	3.13	3.94	2.60	1.75	4.57	2.08	5.77	5.55	34.83
May	4.44	4.67	5.07	4.62	4.23	2.05	4.73	2.15	4.19	0.70	36.85
June	1.07	1.07	4.89	3.84	5.60	5.10	2.94	8.43	0.85	4.08	37.87
July	3.92	7.26	4.14	4.91	3.03	5.10	5.22	4.11	2.24	4.34	44.27
August	6.59	5.19	5.52	4.13	4.12	6.86	0.85	5.98	3.59	11.18	53.94
September	1.34	4.41	6.20	6.32	3.72	7.03	3.05	5.18	3.23	12.75	53.23
October	6.88	7.16	5.64	7.38	3.77	1.84	0.49	5.11	9.01	5.10	52.38
November	4.06	1.12	4.95	9.02	0.94	7.36	4.91	5.59	6.64	5.66	50.25
December	3.91	7.47	2.77	5.79	7.56	7.05	5.67	7.51	7.08	5.08	59.89
TOTALS	46.51	54.87	56.94	60.29	48.93	57.44	48.91	64.17	53.31	65.90	557.27

941 Trees 30' high 17 yds S.
 Wall 12' high 12 yds E.
 Rock + 60° elevation N.
 Wall 10' high 22 yds W.

99 172

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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. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1941 1944	52° 35' 8"	3° 56' 53"	Penmaenpool	1170 y	130°	Llanelltyd	2 m	E.

Station No. 132215

RAINFALL at Dolgellau (Borthwraig)

County of Gwyneddshire Observer Col: P.W.H. Crichton

River Basin W - Mawddach + C

Type of Gauge H.O.

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

58.88 .. 35 .. 1916-1950

Ref.

1916-1950 File No. 38950/27 P

Diameter ...	5"			525	725						
Height ...	1' 0"					1					
Altitude ...	5'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.65	7.14		7.19							
February ...	6.73	4.42		5.14							
March ...	8.61	3.42		4.64							
April ...	3.61	2.85		2.02							
May ...	2.23	3.34		3.12							
June ...	1.18	4.36		5.26							
July ...	2.60	3.12		9.10							
August ...	6.89	4.62		7.95							
September ...	6.17	3.95		5.53							
October ...	1.87	7.87		12.85							
November ...	10.03	5.12		12.87							
December ...	10.84	6.34		8.66							
TOTALS ...	65.16	56.55	N.R.	84.33							
	D	D		D							

1941 Trees 30' high 17 yd S; Wall 12' high 12 yd E; Rock + 60° Elevation N; Wall 10' high 22 yd S. (Received for 1954 per D)

1960 Terminated, no records since 1962

(See Annexes)

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 3477686100

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1944	52°45'8"	3°56'53"	Penmaenpool	1170 yd	130°	Hanelltyd	2nd	E

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record D or d	1910-19	1920-30	1930-40	1941-50	1951-60
			C 1932 D 1933-40 D		D