

RAINFALL at Blaenau Ffestiniog, Dlechwedd Quarries.

County of Merioneth.

Observer messrs. J. W. Greaves & Sons.
M. H. Dauncey

River Basin Glaslyn. 3.

Snowdon Rain Gauge, by messrs Howard
Wilson Garstang.

Diameter ...					5								
Height					1 0								
Altitude ...						770	~60						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	TOTALS 1910-19	MEANS.	
January ...					13.19	16.97	14.90	5.37	8.77	10.58	39.42		
February ...					9.65	11.74	12.33	3.68	17.23	2.38	35.62		
March					13.82	6.95	2.63	4.78	5.59	15.25	28.25		
April					2.13	6.67	9.36	6.90	3.02	6.70	25.98		
May					6.66	4.24	9.53	3.45	5.25	5.34	19.57		
June					3.30	3.34	6.49	5.32	5.34	7.73	24.88		
July					8.72	12.23	4.23	6.32	8.17	3.89	21.89		
August					6.61	10.43	9.06	8.08	18.65	8.21	8.50	13.24	
September ..					6.71	5.48	3.63	7.68	9.58	25.22	11.23	53.71	
October ...					7.22	2.95	2.36	19.57	20.19	17.10	5.89	62.25	
November ..					14.35	11.03	7.45	12.21	15.71	7.70	7.52	42.94	
December...					10.40	14.32	17.29	8.24	5.91	18.91	18.94	52.00	
TOTALS ...					101.68	100.93	113.25	105.86	130.51	100.13	449.85		

1913 + 1914 rec'd 18. II. 15 endd. 15. IX. 15.

1913 Wall 4 ft, 9 ft 8 in. distant E.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Blaenau Ffestiniog Lly N.W.R.	14 m	SW	St David's St Machab	4 m	S

RAINFALL at Blaenau Ffestiniog (Llechwedd &c.)

County of Merioneth

Observer Mr. J. W. Gearey and Sons.
etc. L. Gearey.

River Basin 3 - Gwynedd.

Standard Rain Gauge, by Wilson.

Diameter ...	5											
Height	1.0											
Altitude ...	770	700										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	TOTALS 1920-30
January	17.65	21.54	10.37	12.67	9.07	8.65	12.34	12.15	23.63	5.51	17.44	150.05
February	14.37	9.4	13.62	15.34	2.53	14.25	15.71	8.34	17.06	3.71	.56	106.43
March	10.75	14.58	7.40	3.57	3.07	4.80	5.58	9.97	5.32	4.84	5.78	75.98
April	12.44	3.43	4.54	8.71	5.61	8.45	4.43	5.97	4.72	3.41	5.99	67.67
May	14.07	5.44	5.51	8.37	12.90	9.97	8.44	4.74	1.86	7.80	5.48	24.58
June	4.93	8.8	4.49	5.17	10.02	.11	7.59	11.96	20.77	5.36	6.84	78.12
July	18.14	7.62	10.57	10.63	9.36	4.28	10.17	7.09	12.45	10.37	10.70	111.48
August	7.77	15.48	9.82	15.07	14.84	12.96	9.45	22.00	10.91	17.92	10.96	147.18
September	10.36	4.29	12.16	13.56	14.52	7.45	7.18	13.85	3.08	5.24	7.70	99.39
October	4.00	8.13	3.56	16.86	12.27	13.29	8.14	15.14	14.82	14.92	18.76	129.89
November	6.59	8.17	7.17	20.20	9.71	5.87	11.85	16.75	23.00	20.34	14.37	141.02
December	7.61	17.48	14.19	12.31	16.23	10.99	3.63	2.50	8.94	17.94	14.07	125.89
TOTALS.	128.65	104.98	103.40	142.46	119.45	101.17	104.51	130.46	146.56	117.36	118.68	1317.68
	0	0	0	0	0	0	0	0	0	0	0	0

1920. Wall 4'6" high

9.8" S.E.
E. 24°.

1930. Wall 4'6" high 9.8" S.E.

Gauge read 9 a.m.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920			Bethel (L.M.S.) Ynys M.	S.W.		Llithfael	4 m.	S.
1930.			" L.M.S.					

RAINFALL at Blaenau Ffestiniog (Llechwedd Quarry).

County of Merioneth Observer J.W. Greaves & Sons

River Basin 3. Glyndwr

Type of Gauge Standard

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

Diameter	5											
Height	1.0											
Altitude	700											
Year	1931	1932	1933	1934	1935	1936	1937	1938	† 1939	1940	Means	
January	14.37	14.52	9.68	12.27	6.71	8.90	10.85	17.41	12.67	5.37	112.75	
February	12.90	2.28	10.43	1.28	18.31	5.46	13.70	6.43	15.16	7.05	89.10	
March	1.79	6.63	5.66	7.76	3.87	5.68	4.00	7.73	5.61	9.04	57.67	
April	7.83	10.25	3.50	6.33	7.38	2.91	9.13	1.18	6.33	5.77	60.61	
May	5.48	10.45	3.64	10.70	2.60	3.30	2.16	6.36	1.55	2.43	48.67	
June	13.42	2.79	6.94	7.18	10.58	10.66	7.27	13.54	7.38	1.20	80.96	
July	14.46	12.80	8.56	3.39	3.14	12.37	5.74	11.69	16.66	7.93	96.14	
August	8.42	2.56	4.41	12.78	6.93	9.72	4.58	7.43	5.60	4.32	66.75	
September	6.53	12.99	1.90	9.91	16.74	10.82	6.37	4.40	2.90	9.64	81.70	
October	11.09	18.30	10.62	18.92	19.89	10.30	4.30	19.82	4.82	10.35	128.61	
November	16.25	11.70	3.24	4.08	11.02	12.00	6.06	11.97	20.15	14.43	110.90	
December	8.16	9.50	3.14	16.98	6.90	13.35	8.19	10.29	11.09	11.71	99.81	
TOTALS	120.70	113.77	71.82	111.58	114.07	105.47	82.35	113.25	108.02	88.74	1033.77	KM.

1931. Wall 4' 6" high, 9' 8" S.E.

† Inspected 21.8.39. Range in unorthodox site, but considered reasonable.

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 from gauge	Parish Church.	Distance from gauge
1931.			L. M. S.	5/4 m.	S.W.	St Michael	4 m. S.

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

Station No. H337

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RAINFALL at Blaenau Ffestiniog (Nantllewood Quarry)

County of Merioneth

Observer J.W. Greenway & Sons

River Basin 3 - Glastyn

Type of Gauge Standard

Annual Average (Q.L.L.in. based on 9 years obs. un-weighted. Period of average 1881-1915 Ref P.B. 538)

File No. E 4549/46

Diameter	5			526	608						
Height	1	0				1					
Altitude	700					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	TOTALS 1941-50 Means
January	3.40	14.22	11.83	18.41	9.22	15.31	8.99	23.52	9.89	7.81	122.60
February	9.14	5.23	9.58	6.35	14.39	15.90	0.52	8.58	6.00	12.78	68.47
March	7.72	6.19	5.09	2.04	6.13	4.18	11.80	8.06	6.05	5.93	63.19
April	4.12	3.31	5.06	6.25	5.39	3.89	8.57	4.46	10.89	11.42	63.36
May	7.72	5.90	8.39	7.69	8.96	2.63	4.03	3.38	6.47	1.91	57.08
June	1.32	1.00	11.81	8.53	8.49	11.98	4.51	13.72	2.61	8.92	72.39
July	3.58	10.72	9.27	9.38	5.98	8.65	9.15	7.00	4.94	8.98	77.65
August	11.41	7.95	17.29	8.19	2.99	10.53	.79	12.09	9.14	14.90	95.32
September	1.76	10.99	10.86	11.42	9.50	18.23	7.85	14.71	2.52	20.42	108.26
October	10.93	16.33	12.75	11.41	8.82	1.92	1.55	10.43	12.05	10.82	97.01
November	5.27	2.55	8.33	15.72	1.14	13.87	18.70	10.38	10.59	10.80	97.15
December	9.73	15.26	4.09	12.85	7.68	12.94	9.40	9.70	17.97	6.77	105.69
TOTALS	76.10	99.65	113.65	118.24	88.69	120.03	85.86	126.03	92.92	121.46	1013.17
	D	D	D	D	D	D	D	D	D	D	D

1941 Wall 4'6" high 9°8'SE.

1949 August + annual totals corrected from Fn 1090

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series				No. of Map.....	Reference No.....		
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.
1941			LMS.	1/4 mi		Ffestiniog	1/4 mi

Station No. 4337

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RAINFALL at Blaenau Ffestiniog (Heckwedd Quarry)

County of Merionethshire

Observer J. W. Grammer & Sons.

River Basin 3 - Glyn

Snowdon

Type of Gauge

A.W.S.

Annual Average 101.2 in. based on 9 years obs. un-weighted. Period of average 1881 - 1915 Ref PB 538
 109.99 - 35 - 1916-1950 1916-1950 File No. E 4549/146 P

Diameter ...	5"				526	608				5"	
Height ...	1' 0"						1			1' 3"	
Altitude ...	700'						51			700'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	9.88	12.83	5.20	9.66	7.58	7.80	18.61	9.51	8.94	14.52	104.53
February	8.19	4.55	8.78	8.70	4.66	1.40	5.83	13.44	4.39	2.06	67.00
March	11.98	11.79	4.74	7.54	2.68	5.21	11.47	3.07	5.29	3.23	67.00
April	7.73	4.04	6.61	4.22	11.03	3.37	1.91	4.64	7.80	6.28	57.63
May	2.64	3.04	5.18	5.26	8.45	5.27	4.37	8.60	1.84	2.73	4.38
June	3.76	9.44	4.12	8.04	12.46	5.21	5.21	5.31	4.18	3.94	61.67
July	4.78	3.09	13.56	15.28	3.24	11.62	15.47	8.80	8.26	11.44	95.71
August	10.69	6.52	10.61	13.07	3.27	18.36	10.54	8.12	1.90	6.50	87.38
September	14.70	8.46	10.99	11.42	6.31	9.41	14.86	14.98	1.43	10.17	102.73
October	2.01	7.54	4.29	2.53	7.02	8.88	20.49	10.21	12.53	7.33	107.83
November	13.62	7.34	13.94	13.09	3.43	4.86	4.23	5.48	13.19	9.64	98.82
December	22.91	10.69	5.01	15.74	13.76	11.43	11.07	6.53	2.23	12.54	129.90
TOTALS ...	112.66	89.33	93.03	139.55	83.88	93.02	124.06	98.69	89.98	105.38	1029.58

1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960

Reported 8.8.60 by J. W. Grammer Reasonably satisfactory site.

106.4 h 697468

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SH(23) 697468

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

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 1913 inc 1914-19 D	D	D	D	