

RAINFALL at *Blaenau Festiniog, Llechwedd Quarries.*County of *Merioneth.*Observer *Messrs. J. W. Greaves & Sons*  
*M. J. Dring*River Basin *Glaslyn. 3.*Snowden Rain Gauge, by *Messrs Howard*  
*Wilson Cardang.*

Diameter ...				5							
Height .....				10							
Altitude ...						770	760				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	TOTALS MEANS. 1916-19
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	25.96
May .....					6.66	4.24	7.53	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	3.27	21.89
August .....				6.61	10.43	9.06	8.08	18.65	8.21	8.50	43.24
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	7.32	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	100.23	447.85

1913 + 1914 rec'd 18.11.15 ent'd. 15.12.15.

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

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			<i>Blaenau Festiniog</i> <i>L.N.W.R.</i>	<i>1/4 m</i>	<i>SW</i>	<i>St David's</i> <i>St Michael</i>	<i>1/2 m</i>	<i>S</i>



RAINFALL at *Blaenau Ffestniog (Llechedd R.)*

County of Maricopa

Observer Mr. J. W. Greaves and Sons.  
Ch. H. Dancy.

River Basin 3 - Glacyn.

Insects Rain Gauge, by Webster.

Diameter ...	5																	
Height .....	1.0																	
Altitude ...	770	700																
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930							TOTAL 1920-30
January ...	17.65	21.54	10.37	12.67	8.07	8.65	12.34	12.15	23.63	5.51	17.47							50.05
February ...	14.37	9.4	13.62	15.34	2.53	14.25	15.71	8.34	17.06	3.71	5.6							106.43
March .....	10.75	14.58	7.40	3.57	2.59	4.80	5.58	9.97	5.32	4.84	5.78							75.98
April .....	12.41	3.43	4.54	8.71	5.61	8.45	4.43	5.97	4.72	3.41	5.99							17.67
May .....	14.07	5.44	5.51	8.37	12.90	9.97	8.44	4.74	1.86	7.80	5.48							84.58
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	9.52	15.07	14.84	12.96	9.45	22.00	10.91	17.92	10.96							147.16
September...	10.36	4.29	12.16	13.56	14.82	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							125.87
TOTALS	128.65	104.98	103.40	142.46	119.45	101.17	104.51	130.46	116.56	117.36	118.68							1317.68

1920. Wall 4ft high  
9" 8" dia.  
E. side.

1930. Wall 4'6" high 9'8" S.E.  
Gauge read 9 a.m.

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

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920			Bethlehem	1/4 m.	S.W.	St. Michael	4 m.	S.
1930.			L.M.S.					



RAINFALL at Blennau Ffestiniog (Richmond Quarry)County of MerionethObserver J.W. Greaves & SonsRiver Basin 3. GlaslynType of Gauge Snowdon

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	12.75	
February	12.90	.28	10.43	1.28	18.31	5.46	13.70	6.43	15.26	7.05	8.910	
March	1.79	6.63	5.66	7.76	3.87	5.68	4.00	7.73	5.61	9.04	5.767	
April	7.83	10.25	3.60	6.33	7.38	2.91	9.13	1.18	6.33	5.77	6.061	
May	5.48	10.45	3.64	10.70	2.60	3.30	2.16	6.36	1.55	2.43	4.867	
June	13.42	2.79	6.94	7.18	10.58	10.66	7.27	13.54	7.38	1.20	8.096	
July	14.46	12.80	8.56	3.39	3.14	12.37	5.74	11.69	16.66	7.93	9.674	
August	8.42	2.56	4.41	12.78	6.93	9.72	4.58	7.43	5.60	4.32	6.675	
September	6.53	12.99	1.90	9.91	16.74	10.82	6.37	4.40	2.90	9.14	8.170	
October	11.09	18.30	10.82	18.92	19.89	10.30	4.30	19.82	4.82	10.35	12.861	
November	16.25	11.70	3.24	4.08	11.02	12.00	6.06	11.97	20.15	14.43	11.090	
December	8.16	9.50	3.14	16.98	6.90	13.35	8.19	10.29	11.09	11.71	9.931	
TOTALS	120.70	112.77	71.82	111.58	114.07	105.47	82.35	118.25	102.02	88.74	103.77	117

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

† suspected. 21.8.39. gauge 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	Direction from gauge
1931.			L. L. S.	$\frac{1}{4}$ in.	S.W.	St. Michael	4 in.	S.



Station No. 4337RAINFALL at Blacuan Festiniog (Blackwell Quarry)

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County of MerionethObserver J. W. Graves + SonsRiver Basin 3 - GlaslynType of Gauge SnowdonAnnual Average 101.1 in. based on 9 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 538File No. E 4549/46

Diameter	5				526	608						
Height	10					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	9.29	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	88.47	
March	7.72	6.19	5.09	2.04	6.13	4.18	11.80	8.06	6.03	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	57.06	
June	1.32	1.00	11.21	8.53	8.49	11.98	4.51	13.72	2.61	8.92	71.39	
July	3.53	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	7.79	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	113.55	118.24	88.69	120.03	85.86	126.03	92.32	121.46	1013.17	10

1941 Wall 4'6" high 9'8" SE.

1949 August + annual totals corrected from Fm 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	Direction from gauge
1941			LMS.	4	mi	Festiniog	4	mi

BRITISH RAINFALL ORGANIZATION



Station No. 4337 51RAINFALL at Blaenau Ffestiniog (Heclwedd Quarry)County of MairionethiaieObserver J. W. Greaves & Sons.River Basin 3 - GlaslynType of Gauge SnowdonAnnual Average 101.2 in. based on 9 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. P.O. 538  
109.99 - " - 35 - " 1916-1950 A.W.S. PFile No. E 4549/46

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	7.06	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	47.38
June ...	3.76	9.44	4.12	8.04	12.46	5.21	5.21	5.31	4.18	3.94	61.67
July ...	4.75	3.09	13.56	15.28	3.24	11.62	15.47	8.80	8.26	11.44	95.71
August ...	10.65	6.52	10.61	13.07	3.27	18.36	10.54	8.12	1.90	6.50	89.38
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	11.64	98.82
December ...	22.91	10.69	5.01	15.74	13.75	11.43	11.07	6.53	22.23	12.54	129.90
TOTALS ...	112.66	89.33	93.03	139.55	83.88	93.02	124.06	98.69	89.49	105.38	1029.58

1941-1942 4' 6" hgt 9' 8" SE

Inspected 8.7.60 by H.H.H. Reasonably satisfactory site.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SA(23) 69970

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

Record D, or d	1914-19	1920-30	1931-40	1941-50	1951-60
	C 1913 inc 1914-19 D	D	D	D	