

98

RAINFALL AT *Eglwys Bach Bodnant*

Lat. _____

Lon. _____

County of *Denbigh*

Rain Gauge, by _____

Observer *Mr C Ashby*

Country - 3.

Diameter	8										
Height	2 6										
Altitude	102 π										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.16										
February	1.06										
March	1.52										
April	1.14										
May	2.14										
June	2.03										
July	1.62										
August	5.06										
September	1.61										
October	1.73										
November	7.77										
December	1.37										
TOTALS	33.21										

1890 Eglwysbach Church 1 1/4 mile S

Plantation 300 ft high 1/4 mile SW

RAINFALL AT *Eglwys-Fach, Bodnant*

Lat.

Lon.

County of *Denbigh*

Rain Gauge, by

Observed

A. Stewart Esq.

Conway - 3.

Diameter		8									
Height		2.6									
Altitude		102 π									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January....		.94	3.95	5.45	4.43	2.31	4.46	4.18	1.28	1.65	
February....		3.45	2.83	6.26	5.93	5.66	1.31	1.22	.52	1.74	
March		1.76	1.56	3.13	3.12	1.68	3.22	2.07	2.75	2.03	
April87	2.97	.58	1.58	2.16	2.32	1.24	1.94	5.57	
May		3.06	3.59	2.34	1.62	1.97	6.34	1.59	1.63	2.71	
June		3.45	2.36	2.50	.92	1.38	1.38	.90	2.55	.49	
July		2.30	4.41	1.85	4.25	.81	3.26	1.82	5.72	1.04	
August		6.49	2.74	2.16	.93	2.09	.91	2.88	3.10	4.71	
September....		1.30	2.53	4.71	2.14	4.17	3.79	2.47	.91	2.78	
October		2.44	3.11	5.92	1.41	5.66	6.63	3.52	3.42	5.27	
November....		6.00	5.62	3.19	3.72	2.68	4.01	2.16	6.04	1.91	
December		4.02	4.27	2.86	3.27	1.64	5.49	3.69	3.81	2.75	
TOTALS		36.08	379	440.95	3332	3221	4312	2774	33.67	32.65	

1881 Eglwys-Fach 1 1/8 mile S
 1882 Plantations 300 ft high 1/4 m. S.W.

RAINFALL AT

140
Tal-y-cafn Bodnant Hall

Lat.

Lon.

County of

Danbigh

Rain Gauge, by

Observer

Mr J. L. Llewellyn

Conway - 3.

Diameter					8						
Height					20	1.6					
Altitude					120						
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January	3.82	2.56	2.23	6.29	5.18	1.55	6.24	1.51	2.06	2.82	3426
February	5.04	1.01	1.69	4.89	3.44	1.67	3.42	2.16	2.40	1.27	2699
March	.99	4.43	1.80	8.00	2.43	4.58	3.99	2.29	4.19	3.12	3582
April	1.57	3.11	1.88	1.03	2.43	2.80	1.12	2.03	1.70	3.11	2078
May	2.76	1.12	2.69	1.96	2.53	.37	3.73	2.27	2.14	.92	21049
June	2.20	2.05	2.15	1.66	2.86	2.43	.94	2.92	2.06	2.18	2145
July	.88	1.87	1.83	2.31	3.70	2.14	.82	1.88	2.83	2.74	20100
August	6.30	3.18	2.15	4.01	5.28	6.03	4.24	2.91	3.83	2.90	4083
September	.82	1.69	1.93	5.01	1.77	2.00	1.49	.50	3.19	4.80	23210
October	4.48	2.63	3.16	6.88	1.31	4.21	7.52	8.57	1.70	6.01	4647
November	4.22	4.83	2.10	4.12	2.11	5.20	2.81	2.99	4.29	1.96	3463
December	4.27	6.19	3.62	4.15	2.96	.85	3.13	3.05	2.66	5.02	3590
TOTALS	37.35	34.67	27.23	50.31	36.00	33.83	39.45	33.08	33.05	36.85	36182

Back years 1900 to 1903 received 1905

1905 Jan 1st Gauge moved 100 yards SE

Eglwysbach Church 1 1/2 miles S

Tal-y-cafn Station 1/4 S W

New 50 ft high 40 yards W

Shrub 5' 5' NE

RAINFALL at Talycafn Bodnant Hall

County of Denbigh

Observer

Mr J. Saunders

In February 1912

River Basin

Conway 3

Rain Gauge, by

Diameter ...	8										
Height	1.6						1.0				
Altitude ...	120										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.14		2.50	4.26	2.22	3.86	2.45	1.40	3.96		
February ...	4.89		2.86	1.74	4.16	5.91	5.30	.97	4.62		
March	2.67		4.53	4.36	3.48	.74	3.17	3.29	.95		
April	3.29		.41	4.25	.94	2.26	2.74	2.51	1.14		
May	1.80		1.21	2.15	2.19	2.08	3.71	2.94	4.61		
June	3.13		3.92	2.24	2.72	1.39	1.71	1.98	1.72		
July	3.32		5.95	1.59	3.81	2.81	1.69	.85	3.07		
August	5.10		5.60	1.75	1.54	3.64	1.80	5.98	1.86		
September ..	.46		1.02	3.67	2.71	1.53	3.11	.99	7.69		
October ...	3.93		4.11	2.84	1.65	1.65	6.05	6.41	3.72		
November ..	6.07		4.11	3.94	4.15	4.42	4.18	2.75	2.49		
December ...	6.46		4.15	2.63	9.25	8.38	1.83	2.22	4.73		
TOTALS ...	45.26		40.67	35.42	38.82	38.67	37.74	32.29	40.56	N.R.	
	1		5	5	5	5	5	5	5		

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Talycafn	1.9m	W			

Station No. 4322/3RAINFALL at Tal-y-Cafn (Bodnant)

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County of DenbighObserver Lord AberconwayRiver Basin Conway - 3Type of Gauge B.A.

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

File No. E 21942

Diameter	5"				536	506					
Height	0 10"					1					
Altitude	170'					41	150'			170'	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	5.28	6.64	4.91	2.35	6.01	6.12	7.65	3.82	1.39		
February	1.54	2.95	1.56	3.06	5.48	1.29	3.03	2.17	6.15		
March	3.03	1.28	1.10	0.90	1.46	6.54	1.77	1.52	2.34		
April	1.96	1.80	1.17	1.94	1.16	5.68	1.67	4.05	3.52		
May	4.11	3.50	1.72	2.81	2.95	3.72	1.62	1.63	0.94		
June	0.36	2.53	1.58	2.26	3.64	2.92	5.79	0.36	1.12		
July	2.54	1.92	2.28	2.09	1.65	1.24	1.87	1.02	2.23		
August	3.60	3.10	1.47	0.84	3.09	0.50	3.96	1.84	4.16		
September	2.56	5.06	4.89	2.44	4.06	3.18	2.29	0.79	6.47		
October	3.87	4.44	6.97	4.51	1.02	0.45	2.25	6.31	2.87		
November	1.28	2.69	8.30	0.62	5.91	4.24	1.77	4.38	4.90		
December	6.07	1.94	4.32	4.29	5.66	2.03	8.04	4.87	3.47		
TOTALS	36.20	37.85	39.27	28.11	42.09	38.31	41.71	31.66	39.56		

1942 Thermometer screen 2'6" high - 1'10" S.E.

Tree 30' high 28' N.

1947 Smaller trees 9' high 15' N.

1950 Trees 40-50 ft. high 40 yds. S. & N.

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.
1942			Tal-y-Cafn	1 m.	S.W.	Eglwysbach	1 1/4 m.	S.
1946			Tal-y-Cafn	1 1/2 m.	S.W.	Eglwysbach	1 1/2 m.	S.
1947			"	1 m.	S.W.	"	1 1/2 m.	S.

BRITISH RAINFALL ORGANIZATION

Station No. 432213

RAINFALL at Tal-y-cafn (Bodnant)

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County of Denbighshire

Observer Lord Aberconway, C.B.E.

River Basin 3 - Conway

Head Gardener Mr. G. Puddle.

Type of Gauge S.F. Inman (No. 2)

Secretary Mr. Lloyd.

Annual Average 37.0 in. based on 14 years obs. 14-weighted. Period of average 1881-1915 Ref. P.B. 630

" 38.44 " 15 " 1942-56

" 1916-50

File No. E 240912

Diameter ...	5"				536	506				5"	
Height ...	0' 10"	1' 0"				1				1' 0"	
Altitude ...	150'	170'				51				170'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.47	5.01	1.14	2.88	3.71	3.49	4.35	4.82	6.35	6.88	
February ...	4.99	1.76	1.86	3.82	2.65	0.79	3.82	7.08	0.46	5.27	
March ...	6.27	1.51	1.71	3.63	1.82	1.84	2.19	1.26	1.99	1.71	
April ...	2.26	2.24	3.12	1.16	1.12	1.47	0.24	0.73	5.76	1.74	
May ...	3.12	2.07	2.38	3.20	3.22	0.66	2.58	4.12	1.69	0.70	
June ...	1.60	2.22	2.22	3.21	3.25	1.74	1.23	2.87	1.53	1.62	
July ...	1.28	1.58	1.84	3.30	0.49	5.19	4.49	4.60	1.79	2.42	
August ...	5.30	3.21	3.13	3.46	1.06	9.01	4.29	2.09	0.88	3.06	
September ...	3.89	4.87	5.64	4.11	2.01	2.99	6.48	6.87	0.58	4.02	
October ...	1.27	6.92	1.85	7.07	2.84	2.68	3.07	3.36	5.13	3.09	
November ...	7.67	3.31	4.25	8.95	1.90	1.66	3.14	2.42	6.20	9.78	
December ...	7.66	4.01	1.72	3.51	3.25	3.72	2.15	3.04	7.01	5.12	
TOTALS ...	48.48	38.71	30.86	88.30	27.38	25.24	38.03	43.25	37.37	45.41	
	D	D	D	D	D	D	D	D	D	D	

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1942-50 Thermometer Screen 4' 6" high 1' 10" SE. Small trees 9' high 14 yds N.
 Trees 40' - 50' high 40 yds S & N.

Inspected 8.8.60 by H.H. Butler. G. in poor condition. Tree 18'-15" NWW older than N-E-S Sides and nearly
 o/s. Rec. more 10-15 yds ESE is around tree. still on d/s E-SW but reasonable.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SH(23) 920725

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1947			Tal-y-cafn	1 m SW.	Eglwysbach	1 1/2 m S

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
				1942-50 D	