

98
RAINFALL AT Eglwys-Bach Bodnant

Lat.

Long.

County of Denbigh

Rain Gauge, by

Observer

Dr C Ashby

County - 3.

Diameter	8										
Height	2 6										
Altitude	102 M										
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 1/4 mile S

Plantation 300 ft high 1/4 mile SW

RAINFALL AT ~~Eglwys-Fach~~ Bodnant-

Lat.

Long.

County of Denbigh

Rain Gauge, by

Observer A. Stewart, Esq.

Conway - 3

Diameter	8										
Height	2.6										
Altitude	102 ft										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.94	3.95	5.45	4.43	2.31	14.46	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	39.94	440.95	33.32	32.21	43.12	27.74	33.67	32.65		

1881 Eglwys-Fach 1 1/8 mile S

1883 Plantations 300 ft high 4 m. SW.

RAINFALL AT Tal-y-cafn Bodnant Hall

Lat.

Lon.

County of Denbigh

Rain Gauge, by

Observer Mr J. Sanderson

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	347.6	
February ..	5.04	1.01	1.69	4.89	3.44	1.67	3.42	2.16	2.40	1.27	216.99	
March ..	.99	4.43	1.80	8.00	2.43	4.58	3.99	2.29	4.19	3.12	358.21	
April ..	1.57	3.11	1.88	1.03	2.43	2.80	1.12	2.03	1.70	3.11	207.8	
May ..	2.76	1.12	2.69	1.96	2.53	.37	3.73	2.27	2.14	.92	210.49	
June ..	2.20	2.05	2.15	1.66	2.86	2.43	.94	2.92	2.06	2.18	214.5	
July ..	.88	1.87	1.83	2.31	3.70	2.14	.82	1.88	2.83	2.74	210.00	
August ..	6.30	3.18	2.15	4.01	6.28	6.03	4.24	2.91	3.83	2.90	408.3	
September ..	.82	1.69	1.93	5.01	1.77	2.00	1.49	.50	3.19	4.80	233.0	
October ..	4.48	2.63	3.16	6.88	1.81	4.21	7.52	6.57	1.70	6.01	464.7	
November ..	4.22	4.83	2.10	4.12	2.11	5.20	2.81	2.99	4.29	1.96	346.3	
December ..	4.27	6.19	3.62	4.15	2.96	.85	3.13	3.05	2.66	5.02	359.0	
TOTALS ..	37.35	34.67	27.23	50.21	36.00	33.83	39.45	33.08	33.05	36.85	36182	

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H. G. /

Back years 1900 to 1903 received 1905

1905 Jan 1st Gauge moved 100 yards SE

Eglwyseg Church 1/2 miles S

Tal-y-cafn Station 1/4 S W

Trees 50 yds 40 yards W

Shrubs 5 m. 5 NE

RAINFALL at Tal-y-cafn Bodnant Hall

County of Denbigh

Observer Mr J. Saunders M.P. Surrey 1912

River Basin Conway 3

Rain Gauge, by

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Talycafn	1m	W			

RAINFALL at Tal-y-Cafn (Bodnant)

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County of Denbigh

Observer Lord Aberconway

River Basin Conwy - 3

Type of Gauge B.A.

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

Ref.

File No. E 249/42

Diameter	5"			536	566					
Height	0 10"					1				
Altitude	170'				41	150'			170'	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
January	5.28	6.64	4.91	2.35	6.01	4.12	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	4.54	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	0.26	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	4.64	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 11° 10' S.E. Tree 30' high 28° N.

1947 Small trees 9' high 14° N.

1950 Trees 40-50 ft. high 40 yds. S.W.

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	Parish Church	Distance from gauge	Direction
1942			Tal-y-Cafn	1m	S.W.	Tal-y-Cafn	1/2m	S.
1944			Tal-y-Cafn	1/2m	SW	Tal-y-Cafn	1/2m	S.
1947			"	1m	SW	"	1/2m	S.

Station No. 4322 13

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RAINFALL at Tal-y-lafn (Bodnant)

County of Denbighshire

Observer

Lord Aberconway, C.B.E.

River Basin 3 - Conway

Head Gardner, Mr. G. Puddle.

Type of Gauge.

B.F. Standard (No.2)

Surveyor, Mr. Lloyd.

Annual Average. 31.0 in. based on 14 years obs. $\frac{1}{14}$ weighted. Period of average 1881-1915 Ref. P.B.630
" 38.44 " " 15 " " 1942-56. " " 1946-50 " " 5
File No. E 249742

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	3.77	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	3.80	0.49	51.9	4.49	4.60	1.79	2.42	
August	5.80	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	2.07	2.84	2.68	3.07	3.36	5.13	3.09	
November	7.87	3.31	4.25	8.98	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	46.48	38.71	30.86	49.30	21.38	35.24	38.03	43.25	39.37	45.41	

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1942-50 Thermometer Screen 6' 6" high 1' 10" SE. Small Trees 9' high 14 yds N.
Trees 40'-50' high 40 yds S.N.Influenced 8.8.60 by 10' beech. 4' in poor condition. Tree 18'-15' NNE older tree N-E-S distorted and nearly
o/s. Rec. more 10-15 yds ESE is ancient tree. still in d/s E-W but reasonable.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SH(23)32072-5

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

Summary of Earlier Records from 10-year Sheets :

Record D. or d		1910-19	1920-30	1931-40	1946-50	1951-60
					1942-50	
					1942-50	