



# RAINFALL AT Bangor Penrhyn Castle

Lat. ....

Lon. ....

County of ...

Carmarthen

Rain Gauge, by ...

Observer ...

M. W. Speed

Mean Altitude - 3.

Diameter ..	6										
Height ....	10										
Altitude ..	150										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	4.04	1.63		5.42							
February ..	3.52	1.53		4.00							
March ....	.97	4.11		6.63							
April .....	1.98	2.18		1.47							
May .....	2.30	.93		2.40							
June .....	1.65	2.17		1.34							
July .....	1.15	1.39		3.75							
August ....	5.73	4.30		4.83							
September..	2.57	1.52		4.90							
October....	6.42	3.86		7.19							
November..	3.98	4.98		3.96							
December..	4.34	4.39		4.72							
TOTALS ..	38.65	32.99		50.81							

1901 Llandeogor Church 3/4 miles S.W.

Trees 60 to 80 ft high 150 ft around

Same gauge as Castle Gardens

1903 Bangor Station 2 miles S.W.

See next sheet

# RAINFALL AT Bangan Penrhyn Castle Gardens

Lat. .... Lon. .... County of Barnarvon

Rain Gauge, by N+3 Observer M W Speed

mean alt. - 3.

Diameter ..	6											
Height ....	1 0											
Altitude ..	150											
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.	
January ..	4.00	1.63	3.10	5.42	4.78	3.00	4.77	1.74	4.26	2.62	3.532	
February ..	2.29	1.53	.99	4.00	3.15	1.55	3.50	2.22	3.41	1.05	2.369	
March ....	.36	4.11	3.11	6.63	2.45	4.56	4.42	2.55	3.83	2.86	3.488	
April .....	1.98	2.18	1.88	1.67	2.75	3.05	1.78	1.79	2.18	2.93	2.219	
May .....	2.20	.93	3.77	2.40	2.23	1.02	4.39	2.57	2.42	1.17	2.310	
June .....	1.65	2.17	2.46	1.34	2.49	1.73	2.28	4.82	3.40	1.95	2.429	
July .....	1.15	1.39	1.63	3.75	2.35	2.36	1.27	2.14	3.35	4.06	2.345	
August ....	6.67	4.30	2.98	4.83	3.84	3.30	4.47	4.52	4.16	3.22	4.229	
September..	2.40	1.52	1.50	4.90	2.79	2.23	.71	.78	4.00	4.18	2.501	
October....	6.37	3.86	3.41	7.19	2.31	4.29	6.62	7.43	1.10	6.79	4.937	
November..	4.40	4.98	2.65	3.96	3.06	4.44	2.78	3.10	4.31	2.54	3.622	
December ..	4.57	4.39	3.46	4.72	3.35	1.14	5.06	3.40	3.42	6.21	3.972	
TOTALS ..	38.04	32.99	30.94	50.81	35.55	32.67	42.05	37.06	39.84	39.58	37.953	

1901 Llandegan Church  $\frac{1}{2}$  mile S W  
 Trees 60 to 80 ft high 150 ft around  
 1903 Bangor Station 2 miles S W  
 1904 Trees 30-60 ft high 20 yards around

See previous sheet



RAINFALL at Bangor Penrhyn Castle gardensCounty of Carmarthen Observer Mr W. ReedRiver Basin Mencai Shale 3Rain Gauge, by N+Z

Diameter ...	5										
Height .....	1 0										
Altitude ...	150 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS. 1916-19
January ...	3.89	1.49	2.37	4.22	3.02	4.95	1.53	1.87	3.57	3.67	10.34
February ...	5.20	3.24	2.20	1.41	4.97	4.63	4.35	.69	4.31	1.05	10.40
March .....	1.59	2.22	6.14	3.76	4.15	1.22	1.72	1.52	1.54	4.81	9.59
April .....	4.08	3.07	.48	4.15	.78	2.30	2.46	3.02	.76	1.50	7.74
May .....	2.52	2.00	1.92	2.22	1.75	2.13	2.27	1.79	2.14	1.24	7.44
June .....	3.05	2.96	5.46	3.49	2.57	1.15	2.13	2.34	1.47	5.25	8.19
July .....	3.69	.79	5.20	1.79	3.80	3.39	2.05	1.29	4.24	5.59	10.17
August .....	5.85	3.34	5.71	2.25	1.96	3.12	2.29	6.93	2.04	5.12	16.38
September ..	.52	4.36	1.49	4.42	2.86	2.10	3.58	2.07	8.46	3.63	17.79
October ...	3.65	3.89	4.86	2.76	1.35	2.23	5.05	7.04	5.61	2.49	20.17
November ..	5.30	4.80	4.63	5.38	4.15	3.94	4.01	2.16	2.48	5.56	11.21
December ...	5.51	6.06	3.93	2.35	9.18	6.89	2.25	1.78	4.58	5.89	14.50
TOTALS ...	44.85	38.22	44.39	38.20	40.54	38.05	33.69	32.50	41.20	36.48	143.87
	D	D	D	D	D	D	D	D	D	D	

1912 Tree 30-60 ft high 20 yds surrounded

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Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	53.12	4.12	Bangor	2 mi	S.W.	Llandegai	2 mi	S

RAINFALL at *Bangor (Penshyon Castle garden)*

County of Lamar.

Observer W. W. Speed  
1921 Mar. 9. 7 Kneller

River Basin Menai - 3

for Lord Penrhyn

M. O. Rain Gauge, by A. O. J.

Diameter ...	65					5							
Height .....	1.0												
Altitude ...	153												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del> 1930	TOTALS 1920-30	
January ...	4.06	6.52	4.25	3.25	2.91	2.84	3.50	3.67	6.89	1.35	7.17	46.21	
February ...	2.96	.50	4.11	5.55	.75	5.79	2.54	2.75	5.32	.97	.50	31.74	
March .....	6.56	3.97	2.02	.83	1.62	1.61	1.00	5.26	2.25	1.00	2.60	28.72	
April .....	3.86	1.83	3.09	2.99	2.41	2.33	2.14	1.50	1.82	1.34	2.35	25.66	
May .....	4.18	2.09	.91	3.38	6.27	4.07	3.08	1.52	1.69	3.11	1.47	31.87	
June .....	3.92	.34	1.91	1.29	3.09	.08	2.97	4.48	7.63	2.04	2.09	29.84	
July .....	10.02	2.85	4.02	3.08	3.81	2.60	3.38	2.19	3.23	2.46	2.81	40.45	
August .....	3.71	6.05	3.13	2.88	5.41	3.12	3.87	7.69	5.23	3.99	4.83	49.91	
September...	2.74	1.76	3.62	6.58	6.29	3.67	2.98	5.83	1.75	2.19	3.45	40.86	
October .....	3.26	3.30	.77	6.10	5.11	4.23	3.95	3.50	4.72	6.11	6.64	85.69	
November...	1.28	2.15	2.27	7.61	2.16	3.26	5.85	6.21	7.19	7.90	6.14	52.12	
December...	2.60	4.87	5.48	3.70	6.45	3.49	1.40	1.25	2.88	8.42	5.50	46.01	
TOTALS...	49.15	36.23	35.68	47.24	44.38	37.09	36.66	45.85	50.60	40.88	45.55	439.31	

1920. Object. Height. 20'; 21';  
Tree. 20-60ft. 20yds. all round.  
1930. Trees 20-60' high 20yds. surrounded.  
G. 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.	53° 12'	41° 12' W	Bargot	2 miles	S.W.	Thredzai	1/2 mile	S.



RAINFALL at Bangor (Penrhyn Castle Gardens)County of Garnarvon.Observer J. Kneeler.River Basin 3. Menai Straits.

Type of Gauge.....

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

661594/26

Diameter .....	5.											
Height .....	1.0.											
Altitude .....	150.											
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January .....	2.82	5.19	5.00	3.44	2.61	4.31	4.02	4.93	6.61	2.42	4.135	/
February .....	2.91	.16	2.34	.54	5.02	2.66	4.92	1.06	3.52	3.72	2.685	/
March .....	.88	2.25	2.18	2.34	.86	2.81	2.36	2.13	3.41	2.22	2.144	/
April .....	3.10	3.21	1.11	1.88	2.62	1.13	3.07	.51	2.11	1.76	2.050	/
May .....	1.84	3.51	1.80	4.86	1.85	2.22	1.18	2.37	0.92	2.51	2.306	/
June .....	4.04	1.10	2.78	1.89	4.55	4.19	2.13	5.17	1.58	1.30	2.873	/
July .....	2.14	5.14	1.77	1.13	.98	4.71	1.64	4.93	5.94	4.30	3.268	/
August .....	5.16	1.84	2.22	3.86	2.54	1.97	1.23	2.71	2.09	1.10	2.472	/
September .....	3.46	4.67	1.96	3.95	7.65	3.66	4.07	2.54	0.93	4.01	3.690	/
October .....	2.96	5.99	5.64	5.81	8.28	3.03	5.17	6.90	3.06	4.85	5.174	/
November .....	6.01	3.94	1.79	2.62	5.49	4.98	1.68	6.15	6.54	6.38	4.458	/
December .....	3.34	3.03	1.24	6.18	2.25	5.22	2.72	4.91	3.76	4.04	3.679	/
TOTALS .....	38.66	40.03	29.83	38.50	44.70	41.04	34.19	43.31	40.47	38.61	38.934	/KT

1931. Trees 20'-60' high, 20 yds all round.

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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 Direction from gauge	Parish Church.	Distance Direction from gauge
1931.			Bangor	2 m. S.W.	Glendegai	$\frac{1}{2}$ m. S.

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

Station No. 4377RAINFALL at Bangor (Penrhyn Castle Gardens)

41

County of CarmarthenObserver J. Krollier Esq.River Basin 3-Henai Straitthe Head Gardener (1945)

Type of Gauge.....

2 1/2 inch

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

File No. 661594/26

Diameter	5				533	788						
Height	10					1						
Altitude	150					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	TOTALS 1941-50	
January	1.96	5.61	6.42	6.38	2.17	5.80	5.30	8.46	3.32	1.81	47.23	
February	3.44	1.99	8.55	1.50	3.99	5.38	0.90	2.64	1.96	5.22	30.57	
March	3.95	3.85	1.24	1.08	1.17	1.29	5.51	2.23	2.59	1.40	24.31	
April	2.03	1.57	1.90	1.53	1.69	1.55	3.95	2.19	3.49	3.96	23.76	
May	2.31	3.38	3.94	2.76	2.89	2.31	3.19	1.35	2.10	1.15	25.28	
June	0.45	0.40	3.42	2.38	2.69	3.77	3.36	3.99	0.55	2.07	23.08	
July	3.13	3.46	2.67	2.54	2.69	2.69	2.95	3.33	2.24	1.89	27.59	
August	3.76	3.83	4.06	2.21	0.79	4.20	0.57	3.35	2.40	5.94	31.11	
September	0.92	5.16	5.01	5.09	2.85	6.50	3.93	4.10	1.83	8.15	43.54	
October	4.75	5.08	5.29	4.65	4.34	0.81	0.62	3.33	6.57	3.74	39.18	
November	2.14	1.10	3.83	7.70	0.56	5.80	5.10	2.29	4.07	5.73	38.32	
December	2.09	5.86	2.45	4.27	4.66	5.81	2.69	5.14	5.62	3.91	42.50	
TOTALS	30.93	41.29	43.78	42.09	30.49	45.91	38.07	42.40	36.44	44.97	396.57	

1941 Trees 20' 60' high 20yds all around.

Position of Station on reduced Ordnance Survey Map,  
1 mile to 1 inch Series

No. of Map.....

Reference No. 23-602726

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Bangor	2ml	SW.	Han-degai	1/2 ml	S.

BRITISH RAINFALL ORGANIZATION

RAINFALL at *Bangor (Penrhyn Castle Gardens)* Station No. *427*  
 County of *Caernarfonshire* Observer *Head Gardener*  
 River Basin *3 - Menai Straits* *NATIONAL TRUST*  
 Type of Gauge *Head Gardener*

51

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

File No. *66.15.94/26*

Diameter ...	5"											
Height ...	1' 0"											
Altitude ...	150'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...												
February ...												
March ...												
April ...												
May ...												
June ...												
July ...												
August ...												
September ...												
October ...												
November ...												
December ...							#					
TOTALS ...	NR	NR.	NR	NR								

*1941 Trees 20-60 high, 20 yds all round.*

*New gauge issued 1954 to National Trust (on repayment).*

*Gauge returned to the trust by Douglas Park, 12/54.*

*10.2.58. No records received since 1950; statue broken up. Regarded as terminated.*

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1941			Bangor	2nd	SW	Hardegar	2nd	S

Summary of Earlier Records from 10-year Sheets :

1916-1950, P- *Rejected*

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	D	1920-21 D 1922 1923-30 D	D	D	