

RAINFALL AT *Rhug Conwy**Monmouthshire*

*John H. Wagstaff*  
 Rain By  
 Gauge Diameter..... in.

3 ft 69  
 3 6 67 68  
 Height above Ground, 4 ft 6 in. Above Mean Sea Level, 5 ft 7 in. = 65

See - 1.

YEAR .....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January .....						3.50	7.00	4.40	6.00	4.50	
February .....						2.50	6.80	3.00	2.50	4.20	
March .....						2.25	3.10	3.10	4.40	1.50	
April .....						40	1.50	4.50	1.30	1.70	
May .....						4.20	2.00	1.40	3.00	2.53	
June .....						1.25	3.80	.50	.02	.55	
July .....						2.00	1.64	1.35	.62	0.00	
August .....						7.10	5.75	1.30	1.90	.50	
September ...						.37	6.40	2.40	1.50	6.70	
October .....						6.00	1.41	5.00	3.50	3.80	
November ...						4.30	4.25	.75	3.00	4.20	
December .....						2.20	3.90	3.95	9.00	5.50	
TOTALS.....						36.07	47.55	31.65	36.74	35.68	
						C	C	C	C	C	

*In kitchen garden*

## RAINFALL AT Corwen Rhuz.

Lat. ....

Lon. .... County of Carnarvon.

Moriorieta

..... Rain Gauge, by.....

Observer J. Wagstaff Esq.

Dec - 1.

Diameter	8											MEANS.
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879		
January	1.50											
February	2.00											
March	1.30											
April	1.70											
May	1.00											
June	1.40											
July	~.60											
August	2.25											
September	2.25											
October	1.20											
November	1.20											
December	2.40	#										
TOTALS	27.80											

C

## RAINFALL AT Rhug Corwen

70

Lat.

Lon.

County of Merioneth.

Rain Gauge, by

Observer Mr J Bennett

See - 1.

Diameter .....										5	.	.
Height .....										1.0	.	.
Altitude .....										500	.	.
Year .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January .....								1.21	6.14	3.52	1.22	
February .....								4.65	5.38	1.23	2.73	
March .....								4.45	3.49	2.82	1.27	
April .....								4.43	2.50	1.46	2.41	
May .....								2.62	8.84	4.42	2.73	
June .....								2.57	1.28	1.02	3.64	4.02
July .....								5.98	2.09	2.75	.79	5.13
August .....								3.25	4.22	5.41	4.65	6.00
September .....								3.94	4.82	3.50	2.12	2.79
October .....								5.19	4.48	4.94	5.85	1.69
November .....								2.99	4.37	7.35	5.94	1.07
December .....								2.06	6.11	3.13	2.81	1.52
TOTALS .....								42.99	49.49	39.25	32.58	

## RAINFALL AT Corwen Chug Gardens

Lat.

Lon.

County of Monmouth

Rain Gauge, by

Observer M<sup>sc</sup> J. Bennett

See - 1.

Diameter .....	5										
Height .....	1.0										
Altitude .....	500										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	.59	.63	3.87	5.41	4.20	1.77	5.55	3.16	1.45	1.53	2.756
February .....	4.20	4.88	3.02	4.52	4.65	4.54	.90	1.26	1.12	1.65	3.074
March .....	3.26	2.20	2.65	2.44	2.95	1.02	4.03	1.72	2.08	2.29	2.462
April .....	1.67	1.49	3.48	.76	1.93	2.43	2.73	1.38	1.59	4.93	2.139
May .....	2.16	3.98	2.33	1.36	1.73	2.20	4.97	2.09	1.22	3.89	2.593
June .....	3.63	3.13	3.90	3.18	1.89	1.72	2.13	1.16	2.65	.65	2.414
July .....	7.25	1.20	4.74	1.93	2.93	1.09	3.28	2.01	6.18	1.90	3.251
August .....	2.27	5.31	3.20	1.63	1.00	1.96	1.25	3.00	2.91	3.36	2.589
September .....	2.82	1.62	2.33	3.98	1.88	5.22	3.05	3.44	.80	1.63	2.697
October .....	5.67	4.39	3.70	5.30	3.05	6.60	5.16	3.97	2.08	5.62	4.554
November .....	5.43	5.06	5.37	3.91	3.02	2.90	2.35	2.46	5.17	2.04	3.870
December .....	5.18	2.37	4.80	2.76	5.04	1.14	6.32	3.75	2.37	1.97	3.576
TOTALS .....	44.18	35.45	44.52	37.18	34.27	31.99	41.72	29.40	29.62	31.47	35.975
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

✓ indicates entered correct day. (See note at beginning of this book).

## RAINFALL AT Lower Rhug Gardens

Lat.

Lon.

County of

Merioneth

Rain Gauge, by

Observer

M. J. Bennett

See - 1.

Diameter .....	5										
Height .....	10										
Altitude .....	500										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....	6.09	1.63	2.37	1.95	3.70	3.85	1.53	1.78	2.12	7.05	
February .....	.81	.00	2.29	5.12	4.25	.20	.65	3.09	3.25	2.86	
March .....	2.15	2.81	1.56	.62	1.10	1.52	4.41	4.79	1.35	2.03	
April .....	1.14	2.99	.88	.63	1.76	1.82	1.46	2.42	2.27	3.46	
May .....	2.49	3.54	3.83	1.13	2.21	2.52	.16	1.16	3.59	2.02	
June .....	2.45	4.21	2.42	2.29	1.24	.56	2.33	2.61	2.28	2.55	
July .....	2.64	2.47	2.49	2.99	1.90	1.48	1.60	1.30	1.65	3.82	
August .....	4.80	4.57	4.18	3.96	2.44	1.58	1.92	3.97	5.56	1.74	
September .....	1.17	4.07	3.78	3.34	1.18	.48	5.53	3.39	1.77	3.13	
October .....	2.66	5.41	7.20	3.01	3.33	3.42	5.59	1.34	5.24	4.31	
November .....	7.41	3.88	2.12	3.89	3.26	4.81	1.18	3.76	2.54	3.60	
December .....	.84	6.88	1.78	5.15	2.14	3.19	5.08	5.22	4.26	2.77	
TOTALS .....	34.65	42.46	34.90	34.08	28.51	24.93	31.44	34.83	35.88	39.34	35.305

(3693)

(3440) (31.11) — adjustments made 12.23

1895 Total about 12 inches short. — increased 16 inches

1894 appeared low and 1895 appears somewhat high. The values for these two years were therefore adjusted as shown. See for Bendygram. 75. 12.23

## RAINFALL AT Cowen Rhng, Farnham

Lat.

Lon.

County of

Monmouthshire

Rain Gauge, by

Observer

Mr J. Bennett

Mr J. S. Higgins

See - 1.

Diameter ..	5											
Height ....	1.0			1.4								
Altitude ..	500										600	
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	3.39	2.72		1.05	3.99	1.49	5.74	2.24	3.36	3.06		
February ..	5.19	1.56		4.77	4.78	2.92	3.54	2.44	3.45	1.71		
March ....	1.34	4.76		6.38	2.09	4.56	3.62	2.01	4.67	2.94		
April.....	1.97	3.45		.92	2.35	3.25	1.20	2.09	3.25	3.03		
May .....	1.82	1.09		3.89	2.78	.82	3.14	2.31	2.48	1.10		
June .....	2.25	2.07		1.11	1.28	2.74	1.80	3.56	2.35	2.19		
July .....	1.32	2.99		2.79	2.16	2.00	63	3.35	3.97	2.77		
Angust ....	6.29	#		5.38	4.24	4.68	3.05	2.93	3.72	2.06		
September ..	.95			4.66	1.76	1.82	.92	.81	2.95	3.09		
October....	5.53	(8.00)		10.25	1.38	3.01	4.63	6.78	1.02	4.50		
November ..	4.56			2.76	2.29	4.36	3.12	2.27	2.99	2.09		
December ..	4.88			3.54	3.58	1.21	3.89	3.92	3.08	6.11		
TOTALS ..	39.49	36.64	(32.00)	47.40	32.68	32.76	35.28	34.71	37.29	34.65		

\* \*

1903 Cowen Church  $\frac{1}{2}$  miles S EStation  $\frac{1}{4}$  . S EGlasshouse 18 ft high  $\frac{1}{2}$  ft NShed 16 .  $\frac{1}{4}$  . SW

\* Dampfist from Dale

## RAINFALL at Corwen Ring Fountains

County of Merioneth

Observer Mr J.S. Higginson

River Basin Dee

Mr Holder (II)

Mr W.B. Blandwill

Rain Gauge, by

T. Hopwood 1919

Diameter ...	5		8								
Height .....	1.3		1.2-						1 2		
Altitude ...	600		500						500	600	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1916-19 MEANS, TOTALS
January ...	4.37	1.11		3.50	3.34	6.38	4.35	2.19	2.50	3.20	12.24
February ...	5.17	3.82		5.70	4.65	6.18	4.92	1.05	4.00	1.80	11.77
March .....	1.20	1.65		5.23	3.75	1.45	2.80	3.50	2.00	4.88	13.18
April .....	3.53	2.07		3.33	1.16	2.30	2.00	2.05	2.06	2.46	8.97
May .....	1.97	1.12		2.51	2.50	1.11	3.50	3.22	3.20	.91	10.83
June .....	2.71	2.76		1.10	2.60	1.35	2.00	2.05	1.15	1.28	6.48
July .....	2.12	1.48		.67	3.41	5.10	1.25	8.00	4.12	1.08	14.45
August .....	3.84	4.37		1.05	2.90	3.85	2.13	7.30	1.50	2.82	13.75
September ..	.26	3.75		2.08	2.20	1.09	3.00	2.00	8.30	2.98	16.28
October ...	3.75	3.37		4.91	1.85	2.64	4.85	5.93	3.50	4.05	21.33
November ...	5.44	5.25		4.25	4.92	3.30	3.92	3.35	2.00	1.46	10.73
December ...	6.72	6.09		3.34	9.86	4.20	2.20	1.30	5.70	3.81	13.01
TOTALS ...	41.08	36.84	N.R.	37.67	43.14	38.95	40.32	41.94	40.03	30.73	153.02
				37.00							

1917 Not printed

1916 rec'd. 7.VIII.15 ended 16.IX.15.

1912 estd. from Dale's Blandwill

1919 is probably low. 76 XII.23

+ Inspected

N.B. Values for 1919 rejected from Rainfall Survey, 1928

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Corwen Rly	1 1/2 mi	SE	Corwen	1 3/4 mi	SE

## RAINFALL at Corwen, (Rug gardens.)

County of Merioneth  
River Basin See - /  
(1926) Glasshouse Rain Gauge, by \_\_\_\_\_

Observer Mr. G. E. Booker, Esq.  
Col. Vaughan Wynne.  
(Prof. Socio-Econ. Survey).  
(1926) Mr. Sherrington  
S. J. Sherrington (gauge: 1926)

Diameter ...	8"										
Height .....	1.2										
Altitude ...	500	600									
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...	1.58	6.41	4.83	2.95	3.38	5.73	4.42	4.41	7.53	1.24	6.62
February ...	2.63	4.4	4.89	6.04	7.7	6.15	2.18	1.94	5.11	.58	1.18
March ..... <i>1924</i>	2.92	3.32	1.55	1.63	1.89	1.13	3.50	2.13	1.22	3.18	25.61
April .....	2.10	9.8	2.33	2.87	2.43	3.01	1.93	2.38	1.85	1.18	4.26
May .....	5.57	1.34	.73	4.42	5.15	3.06	2.61	1.92	1.71	2.03	1.99
June .....	4.10	11	1.01	1.00	2.09	1.00	1.98	5.17	4.86	2.26	1.07
July .....	2.28	1.69	4.27	2.20	5.27	2.01	4.59	2.54	1.32	1.98	3.68
August .....	1.68	4.58	2.59	3.48	4.08	3.82	3.35	1.69	4.62	2.65	3.73
September... <i>1925</i>	2.69	1.14	2.44	3.22	4.94	3.78	3.60	4.25	1.89	2.25	4.49
October..... <i>1926</i>	3.33	.73	6.90	5.15	4.06	4.50	5.19	5.40	4.54	6.35	47.74
November...	.97	2.01	2.70	5.09	2.56	3.12	6.49	4.23	6.35	7.51	6.51
December... <i>1927</i>	2.24	5.70	6.03	3.57	4.94	5.07	1.27	1.47	3.14	10.36	5.47
TOTALS.	32.28	30.65	35.87	42.79	42.89	41.40	38.05	43.69	45.91	36.80	48.53
	D	D	D	D	D	D	D	D	D	D	D

1920. Norms 13°E. 15°E. 22°E.

1923 Glasshouse 16' high 20°N.  
Yard Ice 20° 12° S.

1920 probably low 13° N.W.

1929. Corrected for W. A.

1930. Greenhouse 15' high, and 15' N.W.  
Gauge read 9 a.m.*N.B. Values for 1920 rejected from Rainfall Survey 1928*Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_  
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920.	53° 3° 45'	Corwen.	1/2 mile S.E.			Corwen	1/4 m	

## RAINFALL at

Corwen (Rig Garden)

County of Merioneth

Observer Col. R. Vaughan Wynn

River Basin 1 - Dee

Type of Gauge Glaislaes

Annual Average 36.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref A.W.S.

85957/31

Diameter	8.										
Height	1.2.										1.3"
Altitude	600.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.25	3.15	3.80	4.24	1.86	(5.50)	4.04	5.38	6.17	2.54	3.93
February	4.53	1.15	4.95	3.3	5.11	6.27	4.99	1.67	3.42	2.87	3.42
March	1.85	3.62	(2.42)	2.93	1.28	7.09	4.94	.79	3.45	2.82	3.04
April	3.92	5.74	0.90	3.07	2.60	5.75	2.87	.31	1.88	2.55	2.95
May	4.25	8.62	2.00	2.30	1.53	4.57	2.00	2.58	1.77	2.54	2.91
June	3.78	1.12	(2.46)	1.33	4.66	12.36	1.53	3.85	2.67	1.52	3.52
July	1.79	3.96	(1.77)	.68	(1.50)	10.77	1.51	3.17	6.71	2.42	3.43
August	4.62	3.03	(1.16)	3.26	1.46	2.05	.94	3.51	2.18	.56	2.27
September	3.66	3.79	(1.24)	1.63	4.91	11.12	1.30	.90	1.08	3.33	3.29
October	1.89	8.99	(5.41)	7.57	7.40	6.94	3.08	6.65	2.99	4.64	5.45
November	4.68	4.19	(1.51)	2.21	5.88	12.53	1.48	5.42	6.86	2.86	4.76
December	3.10	4.22	(0.99)	5.58	5.24	14.08	2.35	4.12	2.81	2.69	4.50
TOTALS	39.32	47.58	(28.62)	35.13	43.38	(99.02)	31.09	38.35	41.99	31.34	43.573

1931. Houses, 12' to 18' high, 12' to 20' N.  
 Trees, 12' high, 20' S.E. 1934.  
 " 12' " 20' S.E. Garden frame 4'6" high 6' S.W.

1932. Annual total fits to map but none don't exist as to the accuracy of the monthly totals.

1933. Inspected July 2nd sound g. no tube. Rain caught in measure, which is flat and  
concrete. Good exposure near fall in shelter garden in front of greenhouse.

1933 Several months adjusted by new stations.

1934 n.p. 1935 Jan estimated by surrounding stations.

1940. Jan & Feb. apportioned.

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	Parish Church.	Distance from gauge	Direction
1931.			Corwen	1 1/2 m.	S.E.	Corwen	1 1/2 m.	S.E.

Station No. 4328

## RAINFALL at Corwen (Rhos) (Ring Gardens)

County of Merioneth

Observer Col. R. Vaughan Lynn.

River Basin I-Dee

Type of Gauge Spanish

Annual Average 26.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref A.W.S.

File No. 85957/31

Diameter	8										
Height	13	16									
Altitude	600										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.34	6.12	4.50	3.71	5.87						
February	1.53	2.59	2.14	4.54	5.96						
March	1.96	.86	.49	1.48	1.47						
April	(1.26)	1.87	1.17	2.55	1.08						
May	3.30	4.76	1.85	3.67	2.91						
June	.28	2.73	3.08	2.39	4.20						
July	2.91	2.58	1.22	1.23	1.00						
August	3.30	3.51	2.58	2.04	5.59						
September	2.24	5.09	4.12	2.01	4.75						
October	4.29	2.62	4.08	4.71	5.39	1.33					
November	3.27	93	2.92	7.50	.38	5.84					
December	2.96	4.71	1.83	3.82	3.44	3.84	#				
TOTALS	"	29.38	38.94	37.18	32.83	43.84					

1941 Up Imp.

1947 Sta. assumed terminated. No reply to letters

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series No. of Map.....

Reference No. U.L.

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