

RAINFALL AT *Blug Corwen*

60

Merionethshire

John H. Wayteff

Rain { By
Gauge { Diameter.....*2*.....in.

3 ft 69

3 6 67 68

Height above Ground, *4*... ft. *11*.. in.

Above Mean Sea Level, *700*? ft. = *65*

Dec - 1.

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

C C C C

In Kitchen garden

RAINFALL AT *Cowden Ridge*

Lat.

Lon.

County of

Merioneth
Carmarthen

Rain Gauge, by.....

Observer

*J. W. H. H. H. H.**Dec - 1.*

Diameter	<i>.8</i>										
Height	<i>3</i>										
Altitude	<i>500?</i>										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>1.50</i>										
February.....	<i>2.00</i>										
March	<i>1.30</i>										
April.....	<i>1.70</i>										
May	<i>1.00</i>										
June.....	<i>1.40</i>										
July	<i>.60</i>										
August.....	<i>2.25</i>										
September.....	<i>2.25</i>										
October.....	<i>1.20</i>										
November.....	<i>1.20</i>										
December.....	<i>2.40#</i>										
TOTALS	<i>27.80</i>										

C

RAINFALL AT *Rhuy Corwen*

700

Lat.

Lon.

County of *Merioneth*

Rain Gauge, by

Observer. *M. J. Bennett*

Dec - 1.

Diameter....												
Height												
Altitude												
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	.88	4.24	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	49.85	39.25	32.58		

RAINFALL AT *Corwen Chug Gardens*

Lat. _____

Lon. _____

County of _____

Merioneth

Rain Gauge, by _____

Observer *M^r 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	1.17	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	2.63	2.44	2.95	1.02	4.03	1.72	2.08	2.29	2.462	
April	1.67	.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	3.99	3.18	1.89	1.72	2.13	1.16	2.65	.66	2.414	
July	7.25	1.20	4.74	1.98	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	1.82	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	5.05	5.37	3.91	3.02	2.90	2.35	2.46	5.17	2.04	3.870	
December	5.18	2.37	4.86	2.76	5.04	1.44	6.32	3.75	2.37	1.97	3.576	
TOTALS	44.13	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 Garden

Lat. _____

Lon. _____

County of Merioneth

Rain Gauge, by _____

Observer M. J. Bennett

Dec - 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	3.35	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	2.65	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	33.02

(36.93)

(34.40) (31.14) — adjustments made 12.23

1895 Total about 12 inches short. — increased 12 inches

1894 appeared low and 1895 appeared somewhat by the values for these two years were therefore reported as shown. — see for Penrynham. 75. 12.23

RAINFALL AT Cowen Rhug farm

Lat.

Lon.

County of Merioneth

Rain Gauge, by

Observer

Mr J. Bennett
Mr J. Higgins

Dec - 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	.60	3.35	3.97	2.77	
August	6.29	#		5.38	4.24	4.58	3.05	2.90	3.72	2.06	
September..	.95			4.56	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 $2\frac{1}{4}$ miles S EStation $2\frac{1}{4}$ S EFlower house 18 ft high $60\frac{1}{2}$ ft N

Shed 16 " " 44 " SW

* Angled from Oale

RAINFALL at Corwen Rug GardensCounty of MonsieuthObserver Mr J.S. HigginsRiver Basin Dee 1Mr Holder (11)Mr W.B. Birchall
3. Hopwood 1919

Rain Gauge, by

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	MEANS 1910-1919 72.3/15	
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		3.23	1.16	2.30	2.40	2.05	2.06	2.46	2.97	
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	7.85	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	

N.P. (37.00)

1914 rec'd 7.11.15 ent'd 16.11.15.

1911 Not printed

1912 not from Dist. & Board Mills

1919 is probably low. 75. 211.23

+ Inspected

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

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

RAINFALL at Corwen (Rug. Gardens)County of MerionethObserver Col. R. Vaughan WynneRiver Basin 1-DesType of Gauge WheatherAnnual 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	12							13			
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	(5.52)	4.04	5.38	6.17	2.54	3993
February	4.53	1.15	4.95	3.3	5.11	6.27	4.99	1.67	3.42	2.87	3429
March	1.85	3.62	(2.42)	2.93	1.23	7.09	4.94	1.79	3.45	2.82	3014
April	3.92	5.74	0.90	3.07	2.60	5.75	2.81	1.31	1.88	2.55	2959
May	4.25	5.62	2.00	2.30	1.53	4.57	2.00	2.58	1.77	2.54	2916
June	3.78	1.12	(2.46)	1.33	4.66	12.36	1.53	3.85	2.67	1.52	3528
July	1.79	3.96	(1.77)	1.68	(1.50)	10.77	1.57	3.17	6.71	2.42	3434
August	4.62	3.03	(1.16)	3.26	1.46	2.05	1.94	3.51	2.18	1.56	2277
September	3.66	3.79	(1.24)	1.63	4.91	11.12	1.30	1.90	1.08	3.33	3296
October	1.89	8.99	(5.41)	7.57	7.40	6.94	3.08	6.65	2.99	4.64	5456
November	4.68	4.19	(1.51)	2.21	5.88	12.53	1.48	5.42	6.86	2.86	4762
December	3.10	4.22	(0.99)	5.58	5.24	14.08	2.35	4.12	2.81	2.69	4509
TOTALS	39.32	47.58	(28.62)	35.13	43.38	(99.03)	31.09	38.35	41.99	31.34	43573

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

1932. Annual total fits to map but some doubt exists as to the accuracy of the monthly totals.
 1932. Inspected July 2nd found g. no tube. Rain caught in measure, which is flat and correct. Good exposure near path in kitchen garden in front of greenhouse.
 1933 Several months adjusted by new stations.
 1936 n.p. Wg. Jan. estimated by surrounding stations.
 1940. Jan - Feb. apportioned.

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
1931.			Corwen	1 1/2 m.	S.E.	Corwen	1 1/2 m.	S.E.

RAINFALL at Corwen (Rugby Gardens) 41County of MeximethStation No. 4328 Observer Col. R. Vaughan WynneRiver Basin 1-DesType of Gauge GaugerAnnual Average 31.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S.File No. 85957/31

Diameter	8										
Height	1.3	1.6									
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		2.8	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 Str. 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. 171

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

BRITISH RAINFALL ORGANIZATION