

RAINFALL AT *Landwrog (Glyndollan Fort)*

Lat.

Lon. County of *Carmarthen*

Rain Gauge, by

Observer *Hon. F. G. Wynne*

Series 3.

Diameter				<i>8</i>							
Height				<i>1</i>							
Altitude				<i>150?</i>	<i>170</i>						
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January				<i>5.72</i>	<i>3.93</i>	<i>3.49</i>	<i>3.72</i>	<i>4.88</i>		<i>1.76</i>	
February				<i>6.29</i>	<i>6.84</i>	<i>10.10</i>	<i>2.43</i>	<i>2.53</i>		<i>1.84</i>	
March				<i>2.66</i>	<i>6.12</i>	<i>3.75</i>	<i>5.07</i>	<i>2.51</i>		<i>2.54</i>	
April				<i>1.55</i>	<i>2.70</i>	<i>3.52</i>	<i>2.11</i>	<i>1.73</i>		<i>3.63</i>	
May				<i>2.89</i>	<i>2.68</i>	<i>1.49</i>	<i>4.15</i>	<i>2.07</i>		<i>3.75</i>	
June				<i>3.58</i>	<i>1.33</i>	<i>1.70</i>	<i>1.50</i>	<i>1.28</i>		<i>.86</i>	
July				<i>3.21</i>	<i>4.50</i>	<i>2.58</i>	<i>4.62</i>	<i>3.13</i>		<i>1.65</i>	
August				<i>3.67</i>	<i>1.20</i>	<i>3.24</i>	<i>2.29</i>	<i>1.70</i>		<i>4.30</i>	
September ...				<i>4.16</i>	<i>2.35</i>	<i>5.07</i>	<i>6.35</i>	<i>3.68</i>		<i>2.58</i>	
October				<i>5.87</i>	<i>3.83</i>	<i>5.29</i>	<i>7.26</i>	<i>4.20</i>		<i>5.61</i>	
November				<i>5.89</i>	<i>4.68</i>	<i>4.94</i>	<i>6.72</i>	<i>3.07</i>		<i>3.60</i>	
December				<i>3.13</i>	<i>3.86</i>	<i>1.49</i>	<i>6.64</i>	<i>4.63</i>		<i>6.47</i>	
TOTALS ...				<i>49.62</i>	<i>44.02</i>	<i>46.66</i>	<i>52.86</i>	<i>35.41</i>	<i>41.07</i>	<i>38.62</i>	

1883 Landwrog Ch. 1 m. N.W.

House 50 ft high 60 ft. or.

RAINFALL AT *Llandwrog Glynllivian Fort*

Lat. _____

Lon. _____

County of *Carnarvon*

Rain Gauge, by _____

Observer *Hen F. E. Wynn*

menai - 3.

Diameter	8											
Height	10											
Altitude	180									200		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	8.25	3.88	3.34	2.14	5.70	3.35	2.40	1.70	4.50	6.64	4.190	
February	1.18	.67	2.13	4.80	2.87	.27	1.97	3.40	2.63	4.14	2.406	
March	3.40	1.65	2.09	1.59	3.34	4.36	5.09	5.31	1.13	2.27	3.023	
April	1.50	2.92	1.62	.63	2.09	3.24	1.30	3.41	2.56	3.31	2.258	
May	3.94	2.80	3.29	1.15	4.03	.90	.50	1.07	3.97	2.47	2.512	
June	3.36	3.05	2.67	1.85	2.29	1.21	2.96	2.99	3.20	2.03	2.561	
July	3.13	2.69	3.17	2.42	3.29	4.94	5.11	1.49	1.37	3.04	3.065	
August	4.50	5.88	6.01	3.62	3.23	2.86	3.94	6.09	4.73	.96	4.182	
September....	2.39	6.03	4.91	2.87	.84	1.48	6.03	3.68	2.94	3.02	3.419	
October	2.64	10.53	4.31	3.81	5.26	6.26	5.37	2.70	6.07	3.56	5.051	
November....	8.47	6.12	4.07	3.41	8.02	6.16	1.95	6.02	4.07	4.54	5.283	
December	1.88	9.14	2.64	6.64	4.42	3.09	8.01	9.26	5.05	4.08	5.1121	
TOTALS	44.64	55.36	40.25	34.93	45.38	38.12	44.63	47.12	42.22	41.06	43.371	

RAINFALL AT *Llandwrog Glynllianau Fort No. 1*

Lat. _____ Lon. _____ County of *Carmarthen*

old iron Gleisher Rain Gauge, by *N 12* Observer *Hon F. G. Wynn*

menai st. - 3.

Diameter ..	8											
Height	10											
Altitude ..	220 ft					200						
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	4.12	2.04	2.79	6.08	7.11	2.45	4.89					
February ..	4.74	1.65	1.14	5.36	3.88	1.46	3.73					
March63	3.24	2.15	8.92	3.25	4.81	3.35					
April	1.95	2.83	1.91	2.05	2.89	2.69	1.20					
May	3.43	.84	3.57	2.56	1.89	2.23	4.41					
June	2.97	2.09	3.18	1.09	3.20	2.24	1.93					
July	1.69	1.52	2.01	4.07	3.45	2.59	1.29					
August	5.86	4.74	2.60	5.31	3.52	4.93	6.44					
September ..	2.47	3.11	1.49	5.89	3.04	2.34	.82					
October	5.12	6.07	4.16	9.30	2.89	3.61	8.39					
November ..	4.13	6.27	3.88	4.17	2.79	5.80	1.76					
December ..	6.43	4.84	4.66	4.70	5.07	1.82	3.69					
TOTALS ..	43.54	39.24	33.54	59.50	43.01	36.97	42.01					

See run fanga - old fanga full to present -

+ Inspected 18. II. 06. H. R. M.

RAINFALL AT *Llandwrog Glynllion the 7th No. 2.*

on Tower-Bank

Lat. Lon. County of *Carmarthen*

2 mi. S.W. of Rain Gauge, by *N. 2* Observer *H. F. G. Wynne*

menai straits - 3.

Diameter ..							5				
Height							10				
Altitude ..							180	180			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..								1.89	4.25	2.30	
February ..								1.77	2.87	.84	
March							2.91	2.20	4.26	2.91	
April							1.29	1.06	2.16	3.59	
May							4.12	2.77	2.61	1.25	
June							2.03	4.57	2.38	1.68	
July							1.24	1.69	3.68	4.81	
August							5.84	3.42	3.00	2.39	
September ..							.80	.97	3.97	3.75	
October							7.57	6.98	1.26	9.15	
November ..							1.79	3.82	4.08	1.82	
December ..							3.58	4.31	4.35	6.18	
TOTALS ..								35.45	38.87	40.67	

71 in 3

in ft

Substitute for old 8 in. g. which fell to pieces 1907

+ 18 in. of NRM. 12' on S.W. side of tower which is 2 ft higher

RAINFALL AT

Handwriting *Bowling Green*
Station in the Fort no 3

Lat. _____

Lon. _____

County of *Carmarthen*

Copper Rain Gauge, by _____
men at *strait* - 3

Observer *Wm. H. Jones*

Diameter ...								5			
Height								10			
Altitude ...								160			
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									4.25	2.30	
February ...								2.34	2.87	.84	
March								2.48	4.26	2.91	
April								1.53	2.16	3.59	
May								3.16	2.61	1.25	
June								5.35	2.38	1.68	
July								1.95	3.68	4.81	
August								4.00	3.00	2.39	
September ..								1.12	3.97	3.75	
October ...								8.69	1.26	9.15	
November ..								4.35	4.08	1.82	
December ...								4.93	4.35	6.18	
TOTALS ...									38.87	40.67	

Gauge in centre of Bowling Green below the Tower

This gauge is not nearly so exposed to wind as that of Tower Bank is.
This gauge is protected by earth works all round. difference in height
from other gauge 15 to 20 ft but great difference in record

RAINFALL at Llandwrog Glynllwori Bowling GreenCounty of CarmarvonObserver Hon F. G. WynneRiver Basin Mene Strait 3

Rain Gauge, by _____

Diameter ...			5								
Height			1.0								
Altitude ...			160								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...			4.19								
February ...			4.02								
March			7.94								
April75								
May			2.01								
June			6.72								
July			6.03								
August			6.65								
September ..			1.11								
October ...			6.23								
November ..			4.66								
December...			5.17								
TOTALS ...			55.48	N.R.							

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Landweg Glyndwr FortCounty of Carmarthen Observer H. F. GwynnRiver Basin Menai Straits 3

Rain Gauge, by _____

Diameter ...	5										
Height	10										
Altitude ...	1807						200				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.69	1.90	3.60	7.09	3.66	4.75	3.08	2.07			
February ...	5.08	2.87	3.59	2.71	6.52	7.04	5.67	1.63			
March	3.55	2.16	6.80	4.90	5.11	1.68	2.58	2.59			
April	3.89	2.98	.56	5.13	.92	3.29	3.04	2.26			
May	1.87	2.40	1.83	2.83	2.83	1.95	4.85	3.91			
June	3.94	2.54	6.12	3.44	2.46	1.63	2.51	2.55			
July	3.80	.88	5.52	1.72	5.58	2.29	2.11	1.36			
August	6.14	3.75	6.03	2.11	2.79	2.78	1.96	10.71			
September ..	.91	3.96	1.07	6.63	2.28	1.68	3.79	3.02			
October ...	2.19	3.97	5.51	4.52	1.65	3.02	6.10	8.38			
November ..	5.42	6.25	4.22	5.43	6.35	3.06	4.48	3.49			
December ...	6.07	8.82	4.84	2.27	9.85	9.76	3.04	2.10			
TOTALS ...	45.55	42.48	49.69	48.78	50.00	42.93	43.21	44.07	NR		

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at *Llandwrog (Glynllion Park)*County of *Carmarthen*Observer *Hon. F. G. Wyke*River Basin *Merai - S*

Rain Gauge, by _____

Diameter ...	5								5		
Height	10								1		
Altitude ..	200								160		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1930
January ...	6.38	6.12	5.32	3.56	5.25		5.78	5.08	8.19	2.32	8.64
February ...	2.14	4.4	4.80	8.80	1.08		4.11	4.58	4.47	1.33	.29
March	8.90	6.45	3.57	1.69	2.17		.75	5.35	3.41	1.17	3.63
April	5.65	1.23	3.71	2.92	4.09		2.61	1.58	1.43	.95	2.60
May	4.10	3.03	1.27	2.67	6.48		3.18	2.20	.93	3.64	1.85
June	4.37	.63	2.38	1.47	3.17		2.72	5.40	6.06	2.71	2.05
July	8.91	3.14	4.98	5.38	4.22		3.99	3.07	3.13	2.78	3.74
August	4.53	7.74	4.69	5.96	4.97		4.99	7.22	5.56	4.39	6.92
September...	5.13	1.41	3.19	7.12	6.74		2.38	4.37	3.12	2.87	4.76
October.....	4.61	3.31	1.84	6.88	4.79		3.69	4.26	6.79	7.11	8.68
November...	2.49	3.03	2.63	6.92	2.78		3.48	6.35	7.79	12.06	6.15
December...	4.60	4.00	6.57	4.99	11.43		.99	1.61	3.53	9.11	7.67
TOTALS.	62.81	40.53	44.95	56.36	57.77		43.67	51.07	54.41	50.4	56.98

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1927			Llandwrog	1 m.	?	Llandwrog	1 m.	?

RAINFALL at Llandwrog (Glyfyllwion Fort.)County of LlamarwonObserver Hon. J. G. Wynne date 20/1/32River Basin 2. Menai StraitsA. J. Williams Esq. Colwyn
Rt. Hon. Lord NewboroughType of Gauge M. O.Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref. 664429/26

Diameter	5.											
Height	1.0.											
Altitude	180.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	5.05	8.09	6.90	5.67	2.17	7.49	5.96	7.01	8.92	3.91	6117	
February	3.70	.21	2.33	.56	4.56	2.67	6.20	1.56	4.00	5.03	3182	
March	1.31	3.00	3.19	3.12	.83	3.64	3.14	2.71	4.66	4.00	2960	
April	3.70	3.45	1.89	2.57	3.32	1.55	3.76	.35	2.55	2.75	2559	
May	4.07	4.94	2.60	4.98	1.85	1.84	1.51	3.01	1.39	2.69	2888	
June	4.83	2.28	2.59	1.25	9.93	5.62	3.92	6.87	3.27	1.26	4182	
July	2.53	5.32	3.12	1.30	1.02	5.44	3.07	5.82	10.05	3.47	4114	
August	4.10	1.42	3.18	4.79	2.17	2.84	2.18	3.44	3.15	.67	2794	
September	3.96	4.55	2.65	7.01	9.06	3.75	5.30	3.10	1.05	3.36	4379	
October	2.23	8.11	6.87	8.15	5.94	2.50	7.67	7.04	4.63	6.77	5891	
November	13.04	3.80	2.08	2.51	6.54	6.64	2.12	2.44	6.96	8.64	6077	
December	4.64	6.62	2.27	9.95	3.50	7.71	4.84	5.61	3.53	4.19	5286	
TOTALS	53.16	51.79	38.37	51.86	50.89	52.69	49.67	54.96	53.16	46.74	50329	

1934. Tree 50' high 50 yds. S.E. Building 30' high 40 yds. S. Bank 50' high 20 yds. N.

Tower on Bank 45' high 45 yds. N.

1941. Terminated. Sept.

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
			Graiglon	1 1/2 m	E.	Llandwrog	1 1/2 m	N.

Station No. TE 4368RAINFALL at Handwara (Gupthian Fort)

41

County of Camaroon Observer Rt Hon Lord HensingtonRiver Basin 3 - Benue StatesType of Gauge M.O.Annual Average in. based on years obs. un-weighted. Period of average Ref. File No.

Diameter	5										
Height	10										
Altitude	180										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.37										
February	4.37										
March	3.07										
April	1.78										
May	2.94										
June	1.11										
July	3.11										
August	3.75										
September	#										
October											
November											
December											
TOTALS	"										

1941 Obs. terminated.
 Trees 50' high 50 yds S.E.
 Buildings 50' high 40 yds S.E.
 Bank 50' high 30 yds N.
 Tower 45' high 45 yds N.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Grisston	1 1/2 m	E.	Handwara	1 1/2 m	N.

BRITISH RAINFALL ORGANIZATION