

RAINFALL AT Strata Florida Afon

Lat.

Lon.

County of Cardigan

Rain Gauge, by

Observer T. J. Waddingham Esq

Ystwyth - 2.

| Diameter | | 5 | | | | | | | | | |
|-----------------|---------|---------|-------|-------|-------|-------|-------|-------|---------|-------|--------|
| Height | | 10 | 10 | | | | | | | | |
| Altitude | | 580 | | | | | | | | | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. |
| January | (9.20) | (5.00) | 5.95 | 3.50 | 4.75 | 4.87 | 3.39 | 2.35 | (4.27) | 7.81 | |
| February | (1.20) | -40 | 3.70 | 5.79 | 4.60 | .35 | 1.47 | 5.59 | (4.40) | 3.37 | |
| March | (4.20) | (7.80) | 1.30 | 1.56 | 5.00 | 5.93 | 8.21 | 6.23 | (2.40) | 2.43 | |
| April | (1.90) | (3.50) | 2.17 | .49 | 1.95 | 1.95 | 2.13 | 5.04 | 3.91 | 5.36 | |
| May | (2.60) | (3.40) | 2.22 | 2.26 | 5.20 | .57 | .50 | 2.16 | 4.67 | 3.49 | |
| June | (3.70) | (4.20) | 3.12 | 3.51 | 2.76 | 1.53 | 2.18 | 2.50 | 4.28 | 1.29 | |
| July | (4.10) | (3.90) | 3.37 | 4.06 | 7.08 | 7.83 | 4.55 | 3.24 | 3.67 | 4.13 | |
| August | 5.80 | (8.10) | 3.83 | 4.10 | 6.18 | 6.19 | 5.58 | 5.19 | 5.12 | 2.17 | |
| September | (2.60) | (5.50) | 5.08 | 5.33 | 2.24 | 1.45 | 9.71 | 8.87 | 2.55 | 6.25 | |
| October | (5.10) | (9.20) | 6.48 | 6.65 | 5.05 | 7.50 | 6.17 | 2.35 | 5.61 | 5.87 | |
| November | (11.60) | (5.60) | 4.18 | 5.69 | 7.37 | 5.70 | 2.17 | 5.64 | 4.90 | 3.18 | |
| December | (1.60) | (1.00) | 4.46 | 6.14 | 4.86 | 6.20 | 8.08 | 6.76 | 6.01 | 4.70 | |
| TOTALS | 543.0 | (62.60) | 45.86 | 49.08 | 57.04 | 60.07 | 54.14 | 55.92 | (51.79) | 50.05 | X |

1890-1891 computed from

Egwyndwr & Llandysul.

1892 Eglwysnewydd Church a short mile NE
 Ash Tree 45 ft 144 ft NNE
 Sycamore 63" 147" W

* Computed from Aberglasney & Nantgwill

RAINFALL AT Shata Florida Hafod

Lat.

Lon.

County of Cardigan

Rain Gauge, by Casella

Observer T. J. Waddingham Esq

yesterday - 2.

| Diameter .. | 5 ^{not 5 1/4 as sometimes stated} | | | | | | | | | | |
|--------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height .. | 1.0 | | | | | | | | | | |
| Altitude .. | 580 ft | | | | | | | | | | |
| Year .. | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January .. | 7.57 | 3.73 | 2.55 | 6.66 | 5.97 | 4.49 | 9.44 | 5.45 | 5.07 | 4.45 | 5.638 |
| February .. | 7.08 | 2.46 | 1.51 | 4.32 | 6.16 | 4.09 | 7.22 | 3.27 | 6.47 | 1.50 | 4.408 |
| March .. | 7.39 | 5.21 | 4.41 | 7.36 | 2.49 | 6.22 | 5.08 | 3.29 | 5.83 | 4.25 | 5.153 |
| April .. | 3.31 | 3.53 | 2.10 | 2.79 | 3.27 | 4.81 | 1.89 | 4.28 | 2.94 | 4.72 | 3.364 |
| May .. | 7.75 | .51 | 4.59 | 4.72 | 2.72 | 1.15 | 4.68 | 4.12 | 3.64 | 2.13 | 3.601 |
| June .. | 1.85 | 4.20 | 4.23 | 2.58 | 2.45 | 1.68 | 3.00 | 7.04 | 3.33 | 2.35 | 3.271 |
| July .. | 3.49 | 3.28 | 2.81 | 5.55 | 2.30 | 2.81 | 2.07 | 4.55 | 6.39 | 7.66 | 4.091 |
| August .. | 3.01 | 6.13 | 4.84 | 8.71 | 5.17 | 9.51 | 5.49 | 6.68 | 5.91 | 4.34 | 5.979 |
| September .. | 2.48 | 2.90 | 2.84 | 7.44 | 2.78 | 2.75 | 2.49 | 2.00 | 5.15 | 5.53 | 3.636 |
| October .. | 1.55 | 5.85 | 6.10 | 13.71 | 4.13 | 4.70 | 6.87 | 8.10 | 1.50 | 9.45 | 6.196 |
| November .. | 3.48 | 4.98 | 3.68 | 7.80 | 4.41 | 4.99 | 4.44 | 4.72 | 4.77 | 1.57 | 4.484 |
| December .. | 5.78 | 7.97 | 5.72 | 5.50 | 5.03 | 1.82 | 7.35 | 7.29 | 6.25 | 7.13 | 5.984 |
| TOTALS .. | 54.74 | 50.75 | 46.38 | 77.14 | 46.88 | 49.02 | 60.02 | 60.79 | 57.25 | 55.08 | 55.805 |

D S N E S E

HJB

1900 Eglwys Newydd Church 1/2 mile NE by E
 ash tree 54 ft high 195 ft NE by E
 mill 60 " 390 " E

1906 Devil's Bridge Station

1907 Dinasgoed Station

1908 Shata Florida Station 6 miles N

RAINFALL at Strata Florida Hafod

County of Cardigan

Observer J. J. Waddingham Esq

River Basin Ystwyth + C 2

Rain Gauge, by Casella
Rain not sealed. No tube

| | | | | | | | | | | | |
|--------------|--------|--------|-------|-------|-------|-------|----------------|-------|-------|-------|-----------------|
| Diameter ... | 5 | | | | | | $5\frac{3}{4}$ | | | | |
| Height | 1.0 | | | | | | | | | | |
| Altitude ... | 580 ft | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. 14-19 |
| January ... | 6.28 | (4.50) | 4.50 | 7.43 | 4.75 | 9.66 | 5.04 | 3.53 | 3.89 | 7.60 | 20.06 |
| February ... | 8.50 | (4.00) | 2.74 | 2.25 | 5.88 | 6.65 | 6.08 | 2.74 | 5.77 | 3.38 | 17.97 |
| March | 1.36 | (4.30) | 10.29 | 7.46 | 7.88 | 2.42 | 3.60 | 3.38 | 3.55 | 8.59 | 19.12 |
| April | 5.23 | (3.10) | .70 | 7.10 | 1.41 | 3.74 | 5.46 | 4.69 | 1.86 | 5.13 | 17.14 |
| May | 3.35 | (1.60) | 2.05 | 3.91 | 3.99 | 2.91 | 5.54 | 3.17 | 5.15 | 1.32 | 15.18 |
| June | 8.39 | 4.82 | 5.96 | 6.16 | 2.62 | 1.84 | 4.09 | 3.76 | 3.25 | 5.78 | 16.88 |
| July | 6.68 | .96 | 3.56 | 2.58 | 6.44 | 4.72 | 3.28 | 1.99 | 4.06 | 3.45 | 12.78 |
| August | 6.22 | 3.83 | 11.97 | 3.77 | 5.02 | 5.67 | 3.51 | 4.08 | 3.47 | 5.17 | 26.23 |
| September .. | .72 | 5.86 | 1.54 | 2.51 | 3.80 | 1.58 | 5.84 | 4.08 | 11.58 | 3.67 | 25.20 |
| October ... | 4.40 | 6.21 | 6.57 | 5.55 | 3.09 | 3.41 | 9.45 | 10.39 | 5.24 | 5.13 | 28.21 |
| November ... | 9.11 | 7.15 | 7.24 | 9.13 | 5.86 | 4.88 | 4.35 | 7.60 | 5.41 | 4.56 | 21.62 |
| December ... | 10.34 | 8.66 | 7.67 | 3.94 | 9.66 | 11.32 | 4.23 | 2.91 | 9.82 | 11.41 | 28.37 |
| TOTALS ... | 70.58 | 51.90 | 64.82 | 61.82 | 60.40 | 58.80 | 60.50 | 62.32 | 63.05 | 62.89 | 664.76 |
| | | | | | | | | | | | 248.76 |

1911 Jan - May records lost. The pencil figures are roughly est'd from maps II. 12.

1911 moved Jan.

1914 Tree 10 yrs high 41 yard E
House 60. NNE

+ x. 19 Itaiquiries lived on gravel terrace in front of house but river near edge exposed to w.

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|---------------|-----------|------------|
| 1911 | | | Strata Florida | 7 m | S | Eglwys Newydd | 3/4 mi | N El E |

RAINFALL at Llata Florida (Hafod)

County of Cardigan Observer G. J. Waddingham Esq;

River Basin Ystwyth - 2 (part) J. H. Dunn

(approx) Snowdon Castellau Rain Gauge, by Castellau

| Diameter ... | 5 | | | | | | | | | | 5 | | | |
|--------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--|--|
| Height | 1.0 | 1.1 | | | | | | | | | | 1.3 | | |
| Altitude ... | 580 | | | | | | | | | | 540 | 580 | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | MEANS. | 1930 | | |
| 34.58 | January ... | 6.28 | 8.26 | 7.33 | 7.99 | 4.72 | 4.66 | 5.66 | 8.24 | 11.34 | 8.24 | 7.78 | | |
| 25.25 | February ... | 5.10 | 1.15 | 6.96 | 10.68 | 1.54 | 11.81 | 3.65 | 4.66 | 8.06 | 1.46 | .45 | | |
| 20.74 | March | 7.11 | 5.90 | 3.58 | 2.66 | 1.49 | 2.67 | 3.18 | 6.35 | 2.78 | .51 | 3.56 | | |
| 23.31 | April..... | 8.97 | 2.69 | 4.28 | 4.01 | 3.36 | 4.53 | 2.59 | 4.09 | 2.72 | 1.38 | 4.11 | | |
| 21.18 | May | 5.43 | 2.75 | 1.93 | 4.75 | 6.32 | 5.25 | 3.92 | 2.36 | 1.59 | 3.87 | 3.52 | | |
| 13.10 | June | 2.56 | .52 | 3.01 | 2.53 | 3.18 | .05 | 3.22 | 7.43 | 7.96 | 4.76 | 1.78 | | |
| 28.77 | July | 7.94 | 2.75 | 5.85 | 6.19 | 6.04 | 4.84 | 7.96 | 5.42 | 4.71 | 4.67 | 8.19 | | |
| 30.48 | August | 2.73 | 8.39 | 4.69 | 5.96 | 8.71 | 5.15 | 5.39 | 10.05 | 8.17 | 5.44 | 6.33 | | |
| 27.83 | September... | 5.62 | 2.68 | 4.99 | 7.42 | 7.12 | 6.43 | 5.02 | 8.53 | 2.17 | 2.42 | 6.47 | | |
| 26.69 | October.... | 4.74 | 2.92 | 1.34 | 10.73 | 6.96 | 8.33 | 5.57 | 5.93 | 7.43 | 9.36 | 9.32 | | |
| 19.81 | November... | 1.86 | 3.56 | 2.46 | 8.16 | 3.77 | 3.52 | 9.20 | 5.82 | 9.65 | 10.31 | 7.67 | | |
| 31.48 | December... | 4.10 | 6.60 | 5.75 | 7.80 | 7.23 | 6.46 | 2.94 | 3.30 | 6.50 | 9.43 | 8.31 | | |
| 307.22 | TOTALS. | 63.44 | 48.47 | 52.19 | 78.88 | 60.24 | 63.70 | 58.30 | 72.18 | 73.08 | 55.84 | 67.49 | | |
| | | 2 | 3 | 7 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |

1921. First 12 yrs. ESE.
mean 13 yrs. 42 yrs. ENE

| Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series | | | | No. of Map | Reference No. | |
|--|---------|-------|------------------|---------------------|------------------------|---------------------|
| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Parish Church. | Distance from gauge |
| 1920 | | | Llata Florida | 6.2 miles S | Eglwys-y-Brofa (27) | 1 in. E |

RAINFALL at

Ysbyty-y-gwynedd (Hafod)

County of Cardigan

Observer T. J. Waddingham

died 11/39

River Basin 2 - Ystwyth & C.

Type of Gauge

56.1 Feb 1940 Birmingham Water Bill

Annual Average ~~5.5~~ in. based on 35 years obs. un-weighted. Period of average 1931-1935 Ref. BM N

819664/28

| Diameter | 5. | | | | | | | | | | | Means |
|-----------|-------|---------|-------|-------|-------|-------|-------|-------|---------|------|--|-------|
| Height | 1.3 | | | | | | | | | | | |
| Altitude | 580 | | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | | |
| January | 7.29 | (7.15) | 4.65 | 4.73 | 3.72 | 5.57 | 6.16 | 7.70 | 8.79 | | | |
| February | 6.85 | 1.13 | 5.13 | 9.3 | 6.61 | 2.59 | 8.90 | 2.53 | 6.44 | | | |
| March | 1.72 | 3.83 | 3.46 | 4.04 | 2.58 | 2.48 | 3.73 | 2.30 | 3.40 | | | |
| April | 5.85 | 3.94 | 1.43 | 3.29 | 5.56 | 2.94 | 5.58 | .97 | 3.87 | | | |
| May | 4.00 | 4.74 | 1.56 | 3.17 | 2.01 | 2.52 | 2.18 | 3.09 | 0.96 | | | |
| June | 4.18 | 1.10 | 4.39 | 2.43 | 5.25 | 5.42 | 2.65 | 6.05 | 3.09 | | | |
| July | 6.98 | (5.49) | 3.02 | 2.62 | 1.84 | 7.76 | 3.90 | 7.32 | 11.26 | | | |
| August | 5.90 | 1.86 | 2.39 | 6.96 | 2.80 | 1.39 | 1.39 | 5.21 | 4.95 | | | |
| September | 4.17 | (4.67) | 1.02 | 4.18 | 9.68 | 4.80 | 5.80 | 4.10 | 1.61 | | | |
| October | 3.57 | (8.29) | 4.14 | 8.38 | 9.54 | 3.54 | 3.49 | 8.67 | 2.43 | | | |
| November | 7.49 | (4.43) | 1.53 | 5.47 | 7.85 | 6.58 | 2.12 | 7.35 | (15.50) | | | |
| December | 5.75 | (3.42) | 2.09 | 8.77 | 8.85 | 7.48 | 5.39 | 6.06 | (5.50) | | | |
| TOTALS | 63.75 | (49.05) | 33.81 | 51.97 | 61.29 | 55.13 | 52.39 | 61.35 | (67.60) | # | | |

1932. NP imp values p/c.

1939 Nine & Dec. estimated

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 |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| | | | | | | | | |