

## RAINFALL AT

Tersley  
PembrokeshireObserver... *Frederic W. Vignoles*... P.D.Rain } By... *N. & J.*Gauge { Diameter... *8*... in.Height above Ground... *5*... ft... in.Above Mean Sea Level... *40*... ft.*Cheslaw - 14.*

| YEAR.....      |  |  |  |  |  |  |  |  |  | 1869  | MEANS. |
|----------------|--|--|--|--|--|--|--|--|--|-------|--------|
| January.....   |  |  |  |  |  |  |  |  |  | 2.99  |        |
| February.....  |  |  |  |  |  |  |  |  |  | 3.64  |        |
| March.....     |  |  |  |  |  |  |  |  |  | 1.91  |        |
| April.....     |  |  |  |  |  |  |  |  |  | 1.33  |        |
| May.....       |  |  |  |  |  |  |  |  |  | 3.50  |        |
| June.....      |  |  |  |  |  |  |  |  |  | .26   |        |
| July.....      |  |  |  |  |  |  |  |  |  | .54   |        |
| August.....    |  |  |  |  |  |  |  |  |  | .93   |        |
| September..... |  |  |  |  |  |  |  |  |  | 3.98  |        |
| October.....   |  |  |  |  |  |  |  |  |  | 2.65  |        |
| November.....  |  |  |  |  |  |  |  |  |  | 3.24  |        |
| December.....  |  |  |  |  |  |  |  |  |  | 3.20  |        |
| TOTALS.....    |  |  |  |  |  |  |  |  |  | 28.17 |        |

*Gauge in a bad position in an old bastion of the  
Wall.*



RAINFALL AT Tenby

Lon.

County of \_\_\_\_\_

Pembroke

Rain Gauge, by

Observer

a mee egg

Cleddau - 14.

[illegible]



## RAINFALL at

Tenby

County of PembrokeshireObserver Miss Truscott per m.c.River Basin Gledannoc

Rain Gauge, by

|              |      |      |      |      |       |      |       |       |              |       |                 |  |
|--------------|------|------|------|------|-------|------|-------|-------|--------------|-------|-----------------|--|
| Diameter ... |      |      |      |      |       |      |       |       |              |       |                 |  |
| Height ..... |      |      |      |      |       |      |       |       |              |       |                 |  |
| Altitude ... |      |      |      |      | 79    |      | 64    |       |              |       |                 |  |
| Year ...     | 1910 | 1911 | 1912 | 1913 | 1914  | 1915 | 1916  | 1917  | 1918         | 1919  | MEANS<br>Totals |  |
| January ...  |      |      |      |      | 2.77  |      | 2.61  | 2.05  | 4.57         | 5.95  | 15.16           |  |
| February ... |      |      |      |      | 4.00  |      | 4.86  | 2.48  | 2.88         | 4.46  | 14.68           |  |
| March .....  |      |      |      |      | 5.93  |      | 2.45  | 3.15  | 2.09         | 5.16  | 12.85           |  |
| April .....  |      |      |      |      | 1.11  |      | 2.04  | 1.34  | 2.09         | 2.62  | 8.09            |  |
| May .....    |      |      |      |      | 2.18  |      | 2.60  | 3.30  | 1.14         | 1.49  | 8.53            |  |
| June .....   |      |      |      |      | 1.39  |      | 2.68  | 2.67  | 1.29<br>1.79 | 1.64  | 8.28            |  |
| July .....   |      |      |      |      | 4.81  |      | 1.46  | 4.06  | 4.14         | 1.11  | 10.77           |  |
| August ..... |      |      |      |      | 4.44  |      | 2.73  | 8.70  | 2.76         | 3.75  | 17.94           |  |
| September .. |      |      |      |      | 2.19  |      | 2.48  | 2.13  | (8.80)       | 1.69  | 15.10           |  |
| October ...  |      |      |      |      | 2.62  |      | 10.41 | 5.19  | 4.84         | 1.11  | 21.55           |  |
| November ..  |      |      |      |      | 5.04  |      | 3.55  | 3.04  | (4.44)       | 5.11  | 14.10           |  |
| December...  |      |      |      |      | 8.02  |      | 3.01  | 1.42  | 7.09         | 6.41  | 17.93           |  |
| TOTALS ...   |      |      |      |      | 44.50 | NR   | 40.88 | 39.53 | (46.09)      | 38.48 | 164.98          |  |

918. June amended, Sept & Nov. estimated, ref nearby records, for purpose of 1916-50 average.

| Date. | Lat. N. | Long. W. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|----------|------------------|-----------|------------|---------|-----------|------------|
|       | 51° 41' | 4° 42'   |                  |           |            |         |           |            |

RAINFALL at Tenby, The PrioryCounty of PembrokeshireObserver Miss J. RussellRiver Basin Adrian - 4

G.P. Webb. (Borough Accountant)

A.O. Pattern Rain Gauge, by  
(1920)

|              |                  |       |       |       |       |       |         |       |       |       |                |                   |  |
|--------------|------------------|-------|-------|-------|-------|-------|---------|-------|-------|-------|----------------|-------------------|--|
| Diameter ... | 8                |       |       |       |       |       |         |       |       | 5     |                |                   |  |
| Height ..... | 10"              |       |       |       |       |       |         |       |       | 0.10  |                |                   |  |
| Altitude ... | <del>87</del> 64 | 87    |       |       |       |       |         |       |       | 64    |                |                   |  |
| Year .....   | 1920             | 1921  | 1922  | 1923  | 1924  | 1925  | 1926    | 1927  | 1928  | 1929  | 1930<br>MEANS. | 1920-30<br>Totals |  |
| January ...  | 5.72             | 5.10  | 4.62  | 2.50  | 6.79  | 3.06  | (5.75)  | 4.35  | 8.82  | 2.23  | 6.72           | 55.66             |  |
| February ... | 1.61             | 1.6   | 4.67  | 8.00  | 7.5   | 5.73  | 4.33    | 2.87  | 4.11  | 2.38  | .72            | 35.33             |  |
| March .....  | 5.19             | 3.83  | 4.04  | 1.30  | 2.37  | 1.14  | .59     | 3.07  | 4.76  | 1.71  | 3.33           | 30.33             |  |
| April .....  | 5.94             | 1.04  | 3.25  | 3.90  | 3.10  | 2.46  | 2.05    | 2.01  | 1.42  | 1.02  | 2.42           | 28.61             |  |
| May .....    | 3.56             | 1.91  | 1.85  | 2.80  | 3.77  | 4.35  | 1.79    | 1.90  | 0.84  | 3.74  | 1.85           | 28.36             |  |
| June .....   | 2.80             | .03   | 1.42  | 1.00  | 2.77  | .00   | 2.14    | 3.02  | 4.66  | 1.52  | 1.53           | 20.89             |  |
| July .....   | 6.08             | 1.96  | 5.18  | 4.20  | 5.32  | 2.38  | 3.69    | 3.37  | 2.22  | 2.52  | 4.06           | 40.93             |  |
| August ..... | 2.75             | 5.37  | 3.79  | 3.90  | 4.16  | 3.75  | 2.06    | 5.57  | 3.00  | 2.18  | 5.19           | 41.72             |  |
| September... | 5.30             | 1.51  | 5.02  | 3.00  | 5.41  | 3.31  | 1.16    | 4.76  | 1.84  | 1.02  | 5.86           | 38.09             |  |
| October..... | 4.95             | 2.38  | 1.06  | 5.30  | 5.32  | 5.88  | 2.87    | 2.51  | 8.03  | 5.78  | 6.64           | 50.72             |  |
| November...  | 2.99             | 3.71  | 1.75  | 4.00  | 2.98  | 3.35  | 4.63    | 4.97  | 5.44  | 12.56 | 4.80           | 56.18             |  |
| December...  | 4.28             | 2.72  | 5.21  | 5.80  | 7.95  | 4.13  | 1.02    | 3.54  | 6.51  | 9.59  | 7.59           | 58.89             |  |
| TOTALS...    | 51.62            | 29.72 | 41.86 | 45.70 | 50.69 | 39.49 | (37.08) | 44.94 | 51.65 | 45.25 | 50.71          | 485.71            |  |
|              | D                | D     | D     | D     | D     | D     | D       | D     | D     | D     | D              | D                 |  |

1926 Jan. coll. from run. stations.

1929. House 24 ft. high 50 ft. N.E.

1930 Hedge 6 ft. " 14 ft. N.

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 | Direction from gauge | Parish Church. | Distance from gauge | Direction from gauge |
|-------|---------|--------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1920. | 51°41'  | 44°24' |                  |                     |                      |                |                     |                      |
| 1929  |         |        | Tenby            | 360 yds.            | N.W.                 | Tenby          | 330 yds.            | N.E.                 |

RAINFALL at Denby (The Priory) M.W.R.County of Lincoln Observer C.F. WebbRiver Basin u. Gladden &c. The Town ChadType of Gauge M.O.Annual Average 40.9 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. 5

660496/26

|           |       |       |       |       |       |       |       |       |       |       |       |         |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| Diameter  | 8     |       |       |       |       |       |       |       |       |       |       |         |
| Height    | 0.10  |       |       | 1' 0" |       |       |       |       |       |       |       |         |
| Altitude  | 87    |       | 64    |       |       |       |       |       |       |       |       |         |
| Year      | 1931  | 1932  | 1933  | 1934  | 1935  | 1936  | 1937  | 1938  | 1939  | 1940  | Means | 1931-40 |
| January   | 4.23  | 5.66  | 4.26  | 3.97  | 1.37  | 6.01  | 5.05  | 5.30  | 7.08  | 5.85  | 4.878 |         |
| February  | 4.12  | .04   | 4.24  | .45   | 4.02  | 3.09  | 7.07  | 1.93  | 3.82  | 4.48  | 3.326 |         |
| March     | 1.76  | 1.87  | 2.66  | 3.52  | 1.19  | 3.36  | 3.66  | .67   | 1.91  | 3.66  | 2.426 |         |
| April     | 2.54  | 4.33  | 1.69  | 3.01  | 4.26  | 3.48  | 2.86  | .05   | 2.62  | 2.18  | 2.692 |         |
| May       | 3.79  | 4.04  | 2.44  | 1.73  | 1.43  | 1.20  | 1.94  | 3.23  | 1.04  | 1.18  | 2.202 |         |
| June      | 3.17  | 1.77  | 2.05  | 1.57  | 3.64  | 2.86  | 1.26  | 3.28  | 1.59  | .54   | 2.193 |         |
| July      | 5.12  | 3.43  | 2.08  | 1.24  | 1.10  | 6.40  | 2.53  | 4.16  | 8.72  | 2.22  | 3.700 |         |
| August    | 3.03  | .81   | 1.48  | 3.92  | 1.49  | .96   | 1.28  | 6.20  | 5.28  | .19   | 2.464 |         |
| September | 2.99  | 4.92  | 2.24  | 3.18  | 5.94  | 3.12  | 4.58  | 2.17  | 2.06  | .91   | 3.211 |         |
| October   | 1.58  | 7.71  | 7.48  | 3.79  | 5.79  | 1.76  | 4.31  | 6.09  | 1.84  | 5.51  | 4.580 |         |
| November  | 9.41  | 3.27  | 1.76  | 1.66  | 6.88  | 5.30  | 2.35  | 7.10  | 8.05  | 10.04 | 5.582 |         |
| December  | 2.09  | 3.46  | 2.40  | 9.55  | 3.71  | 4.06  | 4.42  | 4.31  | 2.86  | 4.52  | 4.138 |         |
| TOTALS    | 43.77 | 41.31 | 34.68 | 37.59 | 40.82 | 41.60 | 41.31 | 44.69 | 46.87 | 41.28 | 4.892 |         |

1931. House 30' high, 30 ft. N.E.

1937. Inspected. 21.6.38. 9.8 mile satisfactory

† Inspected 31.6.38. Stevenson Screen 5' S-S.W. Gauge over-sheltered but no other site available.

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 Direction from gauge | Parish Church. | Distance Direction from gauge |
|-------|---------|-------|------------------|-------------------------------|----------------|-------------------------------|
| 1931. |         |       | Denby            | 270 yds. N.W.                 | Denby          | 320 yds. E.                   |



Station No. 4113RAINFALL at Tenby (The Priory) (M.W.R. 264) 41County of PembrokeObserver The Town ClerkRiver Basin H - Cheddon & c.The Bournemouth Council (31.1.50)Type of Gauge M.O.Annual Average 42.2 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 660496.26

| Diameter  | 8     |       |       |       | 507   | 918   |       |       |       |       |        |  |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Height    | 1     | 0     |       |       |       | 1     |       |       |       |       |        |  |
| Altitude  | 64    |       |       |       |       | 41    |       |       |       |       |        |  |
| Year      | 1941  | 1942  | 1943  | 1944  | 1945  | 1946  | 1947  | 1948  | 1949  | 1950  | Means  |  |
| January   | 4.43  | 6.17  | 8.09  | 3.89  | 4.59  | 5.33  | 5.83  | 8.99  | 1.75  | 1.44  | 50.51  |  |
| February  | 4.48  | 4.0   | 2.08  | 1.13  | 4.85  | 2.08  | 3.52  | 2.18  | 1.73  | 8.16  | 30.61  |  |
| March     | 2.96  | 3.15  | 1.60  | .43   | 1.82  | 1.76  | 9.41  | 1.98  | 2.05  | 2.33  | 27.69  |  |
| April     | 1.13  | 1.71  | 1.62  | 2.42  | 2.14  | 1.01  | 3.43  | 2.72  | 3.14  | 2.13  | 21.45  |  |
| May       | 3.08  | 5.26  | 4.10  | .98   | 3.32  | 4.25  | 2.89  | 2.24  | 3.22  | 1.75  | 31.09  |  |
| June      | .93   | .52   | 2.78  | 2.12  | 3.83  | 3.27  | 3.70  | 3.66  | 28    | 1.87  | 22.96  |  |
| July      | 3.40  | 3.22  | 2.53  | 3.06  | 3.17  | 2.19  | 4.06  | 2.55  | 1.63  | 3.80  | 29.61  |  |
| August    | 4.11  | 3.66  | 3.21  | 3.32  | 2.35  | 6.75  | .84   | 5.62  | 2.60  | 7.44  | 40.10  |  |
| September | .90   | 4.93  | 3.63  | 5.07  | 3.52  | 5.87  | 2.68  | 4.97  | 1.96  | 7.53  | 41.06  |  |
| October   | 3.27  | 4.09  | 5.65  | 5.72  | 3.70  | 2.44  | 1.34  | 6.68  | 9.02  | 3.94  | 45.85  |  |
| November  | 3.03  | .89   | 3.59  | 7.35  | 1.00  | 6.58  | 4.81  | 3.67  | 7.36  | 6.62  | 44.90  |  |
| December  | 3.26  | 5.75  | 3.43  | 3.67  | 8.24  | 4.86  | 4.64  | 7.00  | 4.12  | 3.92  | 48.89  |  |
| TOTALS    | 34.98 | 39.75 | 42.31 | 39.16 | 42.53 | 46.39 | 47.35 | 52.26 | 38.86 | 51.13 | 434.72 |  |

1948 Reported by Mr. Evans on 29<sup>th</sup> June  
 1949 Grop. Mr. K. Evans. Proposed site satisfactory, if hedge is kept to 3 ft.

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. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|----------------------|-----------------------|
|       |         |       |                  |                     |                      |                |                      |                       |

BRITISH RAINFALL ORGANIZATION

# Air Ministry, Meteorological Office

RAINFALL at Tenby (The Priory) (M.W.R 264)

Station No. 4113

County of Pembroke

Observer Borough Council

River Basin 7- Uddau & C

Type of Gauge

Annual Average 40.7 in. based on 7 years obs. un-weighted. Period of average 1881-1915

Ref. S

" " 42.84 " " 35 " " 1916-50

File No. 660426/26

|               |       |       |       |       |       |       |       |       |       |       |        |  |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Diameter ...  | 8"    |       |       |       | 507   | 918   |       |       |       |       |        |  |
| Height ...    | 1'    |       |       |       |       | 1     |       |       |       |       |        |  |
| Altitude ...  | 64'   |       |       |       |       | 51    |       |       |       |       |        |  |
| Year ...      | 1951  | 1952  | 1953  | 1954  | 1955  | 1956  | 1957  | 1958  | 1959  | 1960  | Means  |  |
| January ...   | 6.00  | 4.29  | 1.76  | 3.82  | 4.20  | 6.03  | 3.62  | 3.30  | 3.40  | 5.80  | 42.42  |  |
| February ...  | 3.37  | 0.59  | 3.09  | 5.68  | 2.64  | 1.17  | 4.30  | 4.30  | 5.50  | 4.40  | 30.56  |  |
| March ...     | 4.79  | 2.72  | 2.45  | 7.53  | 3.42  | 0.95  | 4.83  | 1.80  | 3.30  | 2.70  | 31.49  |  |
| April ...     | 2.74  | 4.11  | 2.32  | .87   | 2.75  | 1.13  | 0.32  | 1.50  | 2.60  | 3.10  | 21.44  |  |
| May ...       | 2.29  | 4.85  | 2.84  | 2.88  | 3.06  | 1.01  | 2.52  | 3.70  | .90   | 1.70  | 25.75  |  |
| June ...      | 0.79  | 3.42  | 1.72  | 2.52  | 4.64  | 2.96  | 3.31  | 3.60  | 1.40  | 1.60  | 25.66  |  |
| July ...      | 1.06  | 1.52  | 5.40  | 4.22  | 0.90  | 4.14  | 3.66  | 5.30  | 2.40  | 4.10  | 32.20  |  |
| August ...    | 5.70  | 4.25  | 3.40  | 3.82  | 0.46  | 4.02  | 2.10  | 5.30  | .90   | 3.50  | 34.35  |  |
| September ... | 3.89  | 2.45  | 3.84  | 3.72  | 2.66  | 4.67  | 5.80  | 6.60  | .50   | 6.80  | 40.95  |  |
| October ...   | 1.67  | 4.18  | 3.58  | 6.83  | 2.23  | 1.14  | 3.40  | 4.60  | 6.40  | 7.40  | 41.93  |  |
| November ...  | 6.79  | 3.86  | 4.41  | 2.37  | 3.27  | 1.33  | 2.80  | 4.10  | 12.30 | 9.00  | 57.25  |  |
| December ...  | 4.25  | 4.40  | 1.39  | 3.73  | 6.43  | 5.08  | 3.60  | 4.30  | 6.90  | 5.80  | 45.88  |  |
| TOTALS ...    | 44.36 | 41.34 | 36.40 | 51.91 | 36.16 | 33.15 | 40.76 | 48.40 | 41.70 | 55.70 | 429.88 |  |
|               | D     | D     | D     | D     | D     | D     | 40.76 |       |       |       |        |  |

1957 n.p. inc months OK.

1951 Sup. Mr. Evans 10/57 New site selected owing to prop. of site closing g. o/s.  
 1952 Sup. Mr. Jacobs 5/52 Site not satis. selection of new site difficult. Present site. accepted g. o/s.  
 1953 Sup. Mr. Rogers 4/53 " " " being considered. In spite of site R/fall ok.  
 1955 Sup. Mr. Saunders 4/55 " " " No alt. sites other than at Castle Hill. Site remained in the house. Slope to ground.  
 1957 Sup. Mr. Swain 7/57 " " " Observer unsatis. No time for 180000. Vegetation still no alt. site.  
 1957 Terminated as climatological sta.

Position of Station on Ordnance One-Inch map:

No. of Map 6

National Grid Reference 221 135 004

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

Summary of Earlier Records from 10-year Sheets:

1916 - 50

P accepted.

| Record D, or d | 1910-19                                   | 1920-30              | 1931-40 | 1941-50 | 1951-60 |
|----------------|---|----------------------|---------|---------|---------|
|                | omit R. & O. R.<br>1915 N.R.<br>all blank | ✓<br>1923 & 25 Blank | ✓       | ✓       | ✓       |