

RAINFALL at Burton, Under FellCounty of WestmorlandObserver J.B. Hoyle Esq.River Basin Kent 3M.O. Rain Gauge, by J. Casselle Esq.  
in situAt 1916-1950 44.76 based on 23 yrs 1921-43 PA 734

| Diameter ...  | 5     |       |       |       |       |       |       |       |       |       |                |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Height .....  | 0.9   |       |       |       |       |       |       |       |       |       |                |
| Altitude ...  | 225   |       |       |       |       |       |       |       |       |       |                |
| Year .....    | 1920  | 1921  | 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928  | 1929  | 1930.<br>Mean. |
| January ...   | 7.68  | 3.91  | 3.95  | 4.06  | 3.01  | 4.50  | 4.61  | 10.19 | 2.08  |       | 6.49           |
| February ...  | 2.37  | 4.85  | 4.86  | 3.86  | 5.01  | 6.36  | 3.28  | 5.24  | 1.09  |       | 4.23           |
| March .....   | 4.83  | 2.39  | 1.22  | 2.72  | 1.50  | 1.75  | 3.66  | 2.38  | 1.14  |       | 2.96           |
| April .....   | 1.30  | 1.87  | 2.78  | 2.00  | 2.28  | 1.66  | 3.03  | 1.47  | 2.10  |       | 1.71           |
| May .....     | 3.80  | 3.20  | 3.41  | 7.01  | 4.90  | 2.86  | 2.26  | 1.81  | 2.20  |       | 1.33           |
| June .....    | 5.03  | 4.8   | 8.7   | 5.26  | 6.8   | 3.55  | 3.84  | 7.44  | 2.10  |       | 2.53           |
| July .....    | 1.79  | 5.92  | 5.63  | 4.68  | 2.39  | 4.51  | 4.90  | 8.31  | 4.10  |       | 4.54           |
| August .....  | 8.36  | 5.48  | 7.27  | 3.76  | 5.17  | 4.36  | 6.83  | 7.21  | 7.98  |       | 5.88           |
| September...  | 2.65  | 3.89  | 5.23  | 6.14  | 4.25  | 4.84  | 7.25  | 3.96  | 2.48  |       | 2.32           |
| October ..... | 3.18  | 9.2   | 7.60  | 4.58  | 5.15  | 3.77  | 4.07  | 5.45  | 5.96  |       | 7.90           |
| November...   | 2.16  | 2.39  | 6.58  | 3.99  | 2.07  | 5.79  | 5.55  | 6.98  | 8.40  |       | 4.73           |
| December...   | 6.26  | 5.56  | 5.39  | 6.58  | 2.36  | 1.16  | 1.01  | 3.82  | 6.83  |       | 3.47           |
| TOTALS...     | 42.88 | 43.86 | 54.79 | 49.64 | 40.80 | 45.11 | 50.29 | 63.26 | 45.96 | 44.29 |                |

1921. Jan 1921 12.4. R. 9.33 NW  
15.4. 1.8. W.

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

| Date. | Lat. N. | Long. W. | Railway Station. | Distance from gauge | Direction from gauge | Parish Church. | Distance from gauge | Direction from gauge |
|-------|---------|----------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1921. | 54° 15' | 2° 45'   | Burton           | 1 mi                | NW                   | Burton         | 3/4 mi              | NW                   |

RAINFALL at Burton (Under Fell)County of Westmorland,Observer J. B. Hoyle, Esq.,River Basin Kent - 3Type of Gauge M.O.Annual Average 42.3 in. based on 8 years obs. un-weighted. Period of average 1881-1913 Ref. S. 1916-1950 P13734  
4476 23 1921-43 +301947/34

|           |       |       |       |       |       |       |       |       |       |       |       |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Diameter  | 5.    |       |       |       |       |       |       |       |       |       |       |
| Height    | 0.9.  |       |       |       |       |       |       |       |       |       |       |
| Altitude  | 225.  |       |       |       |       |       |       |       |       |       |       |
| Year      | 1931  | 1932  | 1933  | 1934  | 1935  | 1936  | 1937  | 1938  | 1939  | 1940  | Means |
| January   | 3.61  | 5.62  | 3.36  | 5.32  | 1.67  | 3.93  | 2.55  | 5.45  | 3.29  | 1.99  |       |
| February  | 4.04  | 1.10  | 4.39  | 2.27  | 5.22  | 1.83  | 6.44  | 1.76  | 3.41  | 1.83  |       |
| March     | 7.2   | 3.19  | 2.63  | 2.78  | 1.39  | 1.74  | 1.33  | 1.48  | 1.60  | 4.32  |       |
| April     | 2.41  | 3.26  | 2.11  | 3.38  | 3.16  | 7.6   | 3.38  | 7.8   | 2.55  | 2.05  |       |
| May       | 2.03  | 5.82  | 2.34  | 4.82  | 8.6   | 2.03  | 2.59  | 3.28  | 4.4   | 1.33  |       |
| June      | 8.33  | 2.11  | 2.20  | 2.53  | 4.79  | 3.55  | 2.92  | 4.25  | 3.76  | 1.66  |       |
| July      | 6.29  | 5.51  | 3.56  | 2.81  | 3.24  | 5.29  | 2.89  | 4.94  | 5.56  | 5.94  |       |
| August    | 2.99  | 2.09  | 2.86  | 4.74  | 2.94  | 3.42  | 2.23  | 3.98  | 1.58  | 2.01  |       |
| September | 2.58  | 5.17  | 9.3   | 4.42  | 10.13 | 5.60  | 5.04  | 1.70  | 1.88  | 4.59  |       |
| October   | 3.90  | 5.64  | 4.81  | 6.26  | 7.26  | 4.13  | 1.77  | 10.80 | 4.5   | 5.82  |       |
| November  | 7.30  | 3.41  | 1.88  | 1.22  | 3.97  | 4.62  | 1.54  | 5.76  | 5.58  | 3.83  |       |
| December  | 4.08  | 3.92  | 9.4   | 6.94  | 3.16  | 5.84  | 2.69  | 4.35  | 2.78  | 3.92  |       |
| TOTALS    | 48.28 | 45.34 | 32.01 | 45.49 | 47.79 | 42.74 | 35.37 | 49.11 | 33.48 | 39.29 |       |

1931. Greenhouse 12' high 9 yds. N.W. Greenhouse 16' high 18 yds W.

LAT.  $54^{\circ} \frac{1}{4}' N$   
LONG.  $2^{\circ} \frac{3}{4}' W$ .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 from gauge | Parish Church. | Distance from gauge | Direction from gauge |
|-------|------------------|--------------------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
|       | 54 $\frac{1}{4}$ | 2 $\frac{3}{4}$ W. | Burton Holme     | 1 m                 | W.                   | Burton Parish  | 3 m                 | N.W.                 |

Station No.

3710

RAINFALL at Burton (Under Fell)

41

County of WestmorlandObserver J. B. Hoyle Esq.River Basin Kend - 3Type of Gauge M.O.Annual Average 42.3 in. based on 8 years obs. unweighted. Period of average 1881-1915 Ref S  
4476 23 1911-43 1916-1950 P13134File No. 301947/34

|           |            |            |            |      |      |      |      |      |      |      |       |
|-----------|------------|------------|------------|------|------|------|------|------|------|------|-------|
| Diameter  | 5"         |            |            |      |      |      |      |      |      |      |       |
| Height    | 0' 9"      |            |            |      |      |      |      |      |      |      |       |
| Altitude  | 225'       |            |            |      |      |      |      |      |      |      |       |
| Year      | 1941       | 1942       | 1943       | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January   | 65         | 5.17       | 5.12       |      |      |      |      |      |      |      |       |
| February  | 4.00       | 1.81       | 2.24       |      |      |      |      |      |      |      |       |
| March     | 2.62       | 2.81       | 1.34       |      |      |      |      |      |      |      |       |
| April     | 1.12       | 1.40       | 2.81       |      |      |      |      |      |      |      |       |
| May       | 3.12       | 3.18       | 4.00       |      |      |      |      |      |      |      |       |
| June      | 47         | 1.04       | 4.06       |      |      |      |      |      |      |      |       |
| July      | 2.68       | 4.77       | 5.87       |      |      |      |      |      |      |      |       |
| August    | 5.08       | 4.50       | 8.30       |      |      |      |      |      |      |      |       |
| September | 2.07       | 5.32       | 4.10       |      |      |      |      |      |      |      |       |
| October   | 7.47       | 5.32       | 5.73       |      |      |      |      |      |      |      |       |
| November  | 2.22       | .95        | 2.63       |      |      |      |      |      |      |      |       |
| December  | 2.19       | 5.16       | 2.16       |      |      |      |      |      |      |      |       |
| TOTALS    | 33.69<br>D | 41.43<br>D | 48.96<br>2 | NR   |      |      |      |      |      |      |       |

1941: - Greenhouse 12' high 9 yds N.W. Greenhouse 16' high 18 yds W.  
No follow bands Regd as United W. 10/53  
T. for duration

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. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|----------------------|-----------------------|
| 1941  |         |       | Burton + Holme   | 1 mile              | W.                   | Burton         | 1/2 mile             | N.W.                  |

BRITISH RAINFALL ORGANIZATION