

RAINFALL AT Broadbottom Harewood Lodge

Lat.

Long.

County of

Cheshire

Rain Gauge, by

Observer

Col. Sidebottom M.P.

Upper mercury - 1.

with water bottom

| | | | | | | | | | | | |
|----------------|------|------|------|-------|-------|-------|-------|------|-------|-------|--------|
| Diameter | | | | 5 | | | | | | | |
| Height | | | | 10 | | | | | | | |
| Altitude | | | | | | | 440 | | | | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. |
| January | | | | 1.67 | 2.83 | 2.99 | 1.39 | | 2.38 | 3.76 | |
| February | | | | 4.02 | 4.66 | 4.6 | 2.14 | | 2.79 | 1.05 | |
| March | | | | .61 | 2.89 | 3.55 | 4.66 | | 1.87 | 1.93 | |
| April | | | | .69 | 2.19 | 1.59 | 1.86 | | 2.57 | 3.29 | |
| May | | | | 2.58 | 2.42 | 1.26 | .62 | | 3.97 | 2.70 | |
| June | | | | 2.23 | 2.85 | 2.21 | 2.98 | | 2.84 | 2.30 | |
| July | | | | 3.18 | 3.26 | 6.20 | 1.93 | | 1.35 | 1.97 | |
| August | | | | 2.94 | 4.81 | 3.69 | 2.67 | | 5.81 | 2.16 | |
| September.... | | | | 4.45 | .79 | 1.21 | 6.62 | | .55 | 6.03 | |
| October..... | | | | 2.83 | 4.10 | 3.49 | 4.46 | | 3.57 | 3.41 | |
| November.... | | | | 3.06 | 2.51 | 2.82 | 1.30 | | 2.49 | 1.53 | |
| December | | | | 3.72 | 3.23 | 3.92 | 4.13 | | 4.72 | 3.09 | |
| TOTALS | | | | 31.98 | 37.54 | 33.39 | 34.76 | | 34.91 | 33.22 | |

1893 Mottram Church, 1 mile N

RAINFALL AT Broadbottom Harewood Lodge

Lat. 53° 27' N. Lon. 2° 1' W. County of Cheshire

Rain Gauge, by

Observer Col Sidebottom

Upper Mersey - 1.

| Diameter .. | 5 | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|--|
| Height | 1.0 | | | | | | | | | | | |
| Altitude .. | 440 | | | | | | | | | | | |
| Year .. | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | M.H.A.N.S. | |
| January .. | 4.10 | 2.10 | 3.10 | 2.48 | 2.90 | 1.95 | 3.76 | 1.27 | 2.12 | 1.53 | 3.531 | |
| February .. | 3.49 | 1.53 | 1.09 | 2.96 | 3.37 | 1.78 | 3.00 | 1.93 | 2.93 | 2.36 | 2.444 | |
| March .. | 1.06 | 2.89 | 1.99 | 4.11 | 2.08 | 4.25 | 2.47 | 2.78 | 3.04 | 2.42 | 2.709 | |
| April .. | 2.53 | 2.48 | 2.21 | 1.84 | 2.17 | 2.77 | 2.53 | 1.71 | 2.18 | 2.53 | 2.295 | |
| May .. | 1.40 | .95 | 2.81 | 2.28 | 2.89 | .81 | 3.89 | 3.67 | 2.56 | 1.75 | 2.301 | |
| June .. | 4.53 | 1.58 | 1.66 | 1.32 | .97 | 3.00 | 1.66 | 5.53 | 2.09 | 2.74 | 2.508 | |
| July .. | 3.46 | 2.70 | 2.31 | 3.36 | 1.47 | 2.02 | 2.61 | 2.91 | 4.29 | 5.59 | 3.071 | |
| August .. | 5.65 | 1.77 | 2.81 | 3.96 | 4.09 | 4.11 | 3.12 | 3.87 | 3.47 | 3.08 | 3.595 | |
| September .. | 1.41 | .75 | 1.16 | 4.37 | 1.27 | 2.67 | 1.38 | .71 | 4.19 | 2.75 | 2.066 | |
| October .. | 4.03 | 3.25 | 4.87 | 7.31 | 1.32 | 3.28 | 5.47 | 4.43 | .96 | 4.88 | 3.980 | |
| November .. | 2.42 | 5.14 | 1.40 | 3.64 | 2.85 | 2.90 | 3.81 | 2.40 | 2.74 | 1.41 | 2.821 | |
| December .. | 4.46 | 6.09 | 2.50 | 1.30 | 2.66 | .62 | 3.30 | 2.55 | 2.81 | 6.49 | 3.278 | |
| TOTALS .. | 38.54 | 31.25 | 27.91 | 38.92 | 28.04 | 30.16 | 36.50 | 33.76 | 33.38 | 37.53 | 33.590 543 | |

D D D D D D

H.W.

1901 9 Molttram Church, Mile N

1905 Station 1/4 S.W.

RAINFALL at Broadbottom Hanwood Lodge

County of Cheshire

Observer Col Sidebottom

River Basin Upper Mersey 1

gdm. Jas. Lyne (1919)

Rain Gauge, by

| Diameter ... | 5 | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height | 1 0 | | | | | | | | | | |
| Altitude ... | 440 | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. |
| January ... | 3.46 | 1.28 | 2.46 | 3.09 | 2.81 | 4.53 | 3.02 | 2.69 | 2.59 | 4.40 | |
| February ... | 2.95 | 3.44 | 1.17 | 1.08 | 2.07 | 3.08 | 5.42 | .83 | 4.50 | 1.50 | |
| March | .56 | 2.14 | 4.52 | 3.76 | 4.49 | 1.75 | 3.07 | 2.03 | 1.57 | 5.88 | |
| April | 3.89 | 2.82 | 1.05 | 3.67 | 1.89 | 1.56 | 2.48 | 2.28 | 1.40 | 2.30 | |
| May | 3.11 | 3.01 | 2.76 | 2.90 | 2.90 | 1.41 | 2.46 | 1.97 | 2.76 | 2.26 | |
| June..... | 3.32 | 3.15 | 4.97 | 2.09 | 3.21 | 2.36 | 4.09 | 2.20 | 1.88 | 2.46 | |
| July | 4.53 | .37 | 3.99 | 1.40 | 3.71 | 4.46 | 2.01 | 2.56 | 8.25 | 2.52 | |
| August..... | 5.15 | 2.79 | 6.40 | 2.32 | 3.02 | 4.28 | 3.00 | 5.07 | 3.44 | 3.21 | |
| September .. | .22 | 3.99 | 2.65 | 1.59 | 2.65 | .71 | 2.63 | 2.42 | 8.36 | 1.81 | |
| October ... | 2.66 | 2.59 | 3.09 | 1.85 | 2.01 | 1.44 | 4.47 | 5.53 | 2.83 | 2.81 | |
| November ... | 4.30 | 2.81 | 2.66 | 3.35 | 3.72 | 2.14 | 2.58 | 3.72 | 1.62 | 3.06 | |
| December ... | 3.52 | 4.76 | 5.06 | 1.95 | 4.95 | 5.48 | 2.99 | 2.22 | 6.81 | 6.27 | |
| TOTALS ... | 37.67 | 32.15 | 40.21 | 29.05 | 37.43 | 33.20 | 38.22 | 33.52 | 43.01 | 38.48 | |
| | | | | | | | | | | | |

| Date. | Lat. N. | Long N | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|--------|------------------|----------------|------------|---------|-----------|------------|
| | 53.27 | 2.7. | Motham | 1km 300 pds | S.W | Motham | 1.8m | N |

RAINFALL at Broadbottom Harwood Lodge

County of Cheshire

Observer Col. Sidebottom

River Basin Upper Mersey

per J. Lynne (gdm).

Showers. Rain Gauge, by

| Diameter ... | 5" | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height | 1 | 0 | | | | | | | | | |
| Altitude ... | 440 | | | | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | MEANS. |
| January ... | 5.05 | 5.72 | 3.01 | 3.37 | 3.03 | 2.58 | 3.44 | 3.74 | 8.69 | 2.08 | 4.82 |
| February ... | 3.73 | 4.44 | 4.70 | 5.45 | 1.98 | 6.02 | 2.76 | 1.63 | 4.32 | 1.96 | 2.45 |
| March | 2.56 | 2.71 | 2.32 | 1.76 | 1.05 | 1.75 | 1.53 | 4.32 | 1.49 | 1.04 | 2.88 |
| April | 4.53 | 1.54 | 2.69 | 3.17 | 1.63 | 2.03 | 1.98 | 3.25 | 1.24 | 1.71 | 2.68 |
| May | 5.33 | 1.82 | 1.44 | 3.75 | 5.82 | 3.80 | 4.50 | 1.32 | 1.94 | 2.49 | 2.08 |
| June | 2.82 | 1.41 | 2.58 | 1.41 | 2.53 | 1.08 | 3.25 | 5.89 | 6.33 | 1.66 | 4.43 |
| July | 7.01 | 1.44 | 4.77 | 5.02 | 3.95 | 2.28 | 2.98 | 5.13 | 2.01 | 3.55 | 6.17 |
| August | 2.09 | 5.34 | 4.74 | 4.82 | 5.59 | 4.01 | 4.66 | 4.70 | 5.23 | 4.50 | 4.40 |
| September... | 2.64 | 1.12 | 3.95 | 4.01 | 3.27 | 4.48 | 3.60 | 6.80 | 1.86 | 1.64 | 3.84 |
| October..... | 1.17 | 2.48 | 1.79 | 3.93 | 5.27 | 4.27 | 3.97 | 2.89 | 4.08 | 4.71 | 5.53 |
| November... | 1.11 | 1.86 | 2.64 | 4.93 | 1.73 | 3.00 | 4.73 | 3.99 | 5.31 | 8.11 | 4.79 |
| December... | 2.71 | 4.96 | 3.68 | 4.11 | 3.60 | 3.20 | 2.04 | 0.91 | 2.18 | 6.26 | 2.92 |
| TOTALS... | 40.75 | 29.84 | 37.31 | 45.75 | 38.45 | 37.50 | 39.41 | 44.62 | 42.71 | 38.69 | 44.99 |
| | D | D | D | P | P | D | D | D | D | D | D |

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series } No. of Map _____ Reference No. _____

| Date. | Lat. N. | Long. W. | Railway Station. | Distance Direction from gauge | Parish Church. | Distance Direction from gauge |
|--------|---------|----------|------------------|-------------------------------|----------------|-------------------------------|
| 53°27' | 2°1' | Motttram | 300yds S.W. | Motttram | 1mi NE? | |

RAINFALL at Broadbottom (Harewood Lodge).

County of Cheshire

Observer Col. W. S. Sidebottom, died 3/1/71

River Basin Mersey - Upper L.

The Harewood Gardens.

Type of Gauge Inversion.

Annual Average 34.6 in. based on 22 years obs. un-weighted. Period of average 1931-1945 Ref. 5

833825/28

| Diameter | 5. | | | | | | | | | | |
|-----------|-------|-------|------|------|------|------|------|------|------|------|-------|
| Height | 1.0. | | | | | | | | | | |
| Altitude | 444. | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means |
| January | 5.80 | 3.74 | | | | | | | | | |
| February | 5.08 | .32 | | | | | | | | | |
| March | .43 | 2.30 | | | | | | | | | |
| April | 4.08 | 3.79 | | | | | | | | | |
| May | 2.38 | 4.23 | | | | | | | | | |
| June | 6.97 | .43 | | | | | | | | | |
| July | 4.70 | 8.30 | | | | | | | | | |
| August | 6.57 | 1.76 | | | | | | | | | |
| September | 4.86 | 3.45 | | | | | | | | | |
| October | 1.84 | 7.88 | | | | | | | | | |
| November | 5.60 | 2.60 | | | | | | | | | |
| December | 1.42 | 1.53 | | | | | | | | | |
| TOTALS | 49.23 | 40.33 | # | | | | | | | | |
| | D. | D. | N.R. | | | | | | | | |

1935. No reply to letter of 1/3/34. Station regarded as T. VI/35.

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 |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1931 | | | Macclesfield | 1 m. | E.W. | Macclesfield | 1 m. | N. |

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.