

## RAINFALL AT Leeds.

Observer

S. Marshall of Kendal

W.M. Johnson.

Rain { By.....  
 Gauge } Diameter.....in. Height above Ground,.....ft.....in. Above Mean Sea Level .....ft.

From Total book

| YEAR.....      | 1840 | 1841 | 1842 | 1843 | 1844 | 1845 | 1846 | 1847 | 1848 | 1849 | MEANS. |
|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| January.....   |      |      |      |      |      |      |      |      |      |      |        |
| February.....  |      |      |      |      |      |      |      |      |      |      |        |
| March.....     |      |      |      |      |      |      |      |      |      |      |        |
| April.....     |      |      |      |      |      |      |      |      |      |      |        |
| May .....      |      |      |      |      |      |      |      |      |      |      |        |
| June .....     |      |      |      |      |      |      |      |      |      |      |        |
| July .....     |      |      |      |      |      |      |      |      |      |      |        |
| August .....   |      |      |      |      |      |      |      |      |      |      |        |
| September..... |      |      |      |      |      |      |      |      |      |      |        |
| October.....   |      |      |      |      |      |      |      |      |      |      |        |
| November.....  |      |      |      |      |      |      |      |      |      |      |        |
| December.....  |      |      |      |      |      |      |      |      |      |      |        |
| TOTALS ....    | 2749 | 2561 |      | 2559 | 2562 |      |      |      |      |      |        |

Lat. 53°32'7" Lon. 1°32'44" W  
 Leeds  
 Eccup Reservoir  
 Colw. d' Filliter  
 Mrs. Ket. Mr.  
 Square 10 in + ground 0.0 + Sea Level 340 feet

| YEAR - -         | 1844 | 1845  | 1846  | 1847  | 1848  | 1849  | MEANS. |
|------------------|------|-------|-------|-------|-------|-------|--------|
| January - -      |      | .65   | 2.37  | 1.28  | .87   | 3.63  |        |
| February - -     |      | .71   | .74   | 1.20  | 3.40  | .85   |        |
| March - - -      |      | 2.13  | 1.39  | 2.21  | 3.35  | 1.58  |        |
| April - - - -    |      | 1.05  | 5.64  | 1.45  | 2.24  | 2.62  |        |
| May - - - - -    |      | 3.24  | 1.08  | 2.61  | .75   | 2.12  |        |
| June - - - - -   |      | 2.55  | 1.88  | 2.33  | 4.62  | 1.44  |        |
| July - - - - -   |      | 3.35  | 2.91  | 1.52  | 1.80  | 3.68  |        |
| August - - - - - |      | 5.02  | 3.25  | 1.79  | 4.33  | 3.13  |        |
| September - - -  |      | 1.82  | 1.31  | 1.20  | 4.47  | 3.98  |        |
| October - - -    |      | 4.30  | 4.87  | 2.26  | 5.89  | 4.15  |        |
| November - - -   |      | 1.37  | 2.13  | 1.97  | 1.26  | 2.49  |        |
| December - - -   |      | .62   | 3.49  | 1.74  | 3.55  | 2.63  | 3.00   |
| TOTALS - - -     |      | 23.22 | 29.68 | 29.31 | 23.37 | 35.61 | 32.67  |

✓ ✓ ✓ ✓ ✓ ✓

1844-8 - gauge 380 ft + s.L., and about 200 yds W of present position - Then, as now, level with ground.

Leeds

Occup Reservoir

Mrs. Bert Orr

Edw<sup>d</sup> Gillibr

Square 10in + ground 0.0 + Sea Level 340 feet

| YEAR      | 1850  | 1851  | 1852  | 1853  | 1854  | 1855  | 1856  | 1857  | 1858  | 1859  | MEANS. |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| January   | 1.31  | 2.14  | 3.01  | 3.14  | 1.99  | .29   | 3.07  | 2.23  | .42   | 1.24  | 1.884  |
| February  | 2.07  | .99   | 1.99  | 1.18  | 1.02  | 1.53  | 1.73  | .60   | .34   | 1.01  | 1.226  |
| March     | .27   | 1.43  | .24   | 1.33  | .96   | 1.35  | 3.2   | 2.51  | 1.27  | 2.23  | 1.191  |
| April     | 2.31  | 1.15  | .10   | 1.91  | .66   | .40   | 2.81  | 3.72  | 1.84  | 3.45  | 1.835  |
| May       | 1.20  | 1.63  | .99   | 1.27  | 2.37  | 1.62  | 3.77  | 1.57  | 1.77  | .41   | 1.660  |
| June      | 1.69  | 3.00  | 5.30  | 2.84  | 2.68  | 2.74  | 3.52  | 2.71  | 2.54  | 2.14  | 2.916  |
| July      | 4.09  | 2.60  | 3.29  | 3.61  | 2.55  | 2.93  | 1.98  | 1.71  | 1.44  | 1.89  | 2.611  |
| August    | 2.17  | 2.32  | 2.38  | .40   | 2.07  | 2.33  | 3.21  | 4.64  | 2.86  | 3.35  | 2.773  |
| September | 1.63  | 1.79  | 4.19  | 4.22  | .95   | .68   | 4.01  | 3.02  | 2.58  | 2.70  | 2.577  |
| October   | 1.45  | 1.58  | 3.81  | 3.50  | 1.75  | 4.78  | 3.69  | 1.53  | 3.04  | 2.53  | 2.766  |
| November  | 2.59  | .69   | 5.46  | 1.32  | 2.43  | .78   | .82   | 1.64  | .98   | 2.09  | 1.880  |
| December  | .74   | 1.06  | 4.05  | .60   | 2.69  | .91   | 2.24  | .40   | 1.82  | 2.08  | 1.659  |
| TOTALS    | 21.52 | 20.18 | 34.81 | 25.32 | 22.12 | 20.36 | 33.17 | 26.28 | 20.90 | 25.12 | 24.978 |

Leeds

Occupy Reservoir

Code of Fillter

Miss Pat No

Crossley's sunk in pit about 6ft x 6ft

Square 10 in + ground 0.0 + See Level 340 feet

| YEAR - -      | 1860  | 1861  | 1862  | 1863  | 1864  | 1865  | 1866  | 1867  | 1868    | 1869     | MEANS. |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|---------|----------|--------|
| January - -   | 3.28  | .28   | 1.56  | 4.32  | .79   | 1.00  | 3.90  | 2.23  |         |          |        |
| February - -  | 1.35  | 3.46  | .71   | .85   | 1.41  | 2.00  | 2.04  | 1.96  |         |          |        |
| March - - -   | 1.98  | 3.76  | 3.99  | 1.14  | 2.19  | .72   | 1.40  | 1.88  |         |          |        |
| April - - -   | .96   | 1.04  | 1.79  | .77   | 1.71  | .96   | 1.20  | 2.59  |         |          |        |
| May - - -     | 2.75  | .74   | 3.23  | 1.53  | 1.73  | 1.70  | .70   | 2.47  |         |          |        |
| June - - -    | 4.45  | 2.46  | 2.27  | 3.07  | 1.71  | .63   | 3.07  | 1.66  |         |          |        |
| July - - -    | 3.15  | 3.42  | 2.10  | .89   | .84   | 1.49  | 4.61  | 3.47  |         |          |        |
| August - -    | 3.90  | 1.25  | 2.07  | 3.28  | .93   | 4.55  | 3.62  | 2.62  |         |          |        |
| September - - | 1.81  | 3.17  | 1.92  | 2.18  | 1.61  | .29   | 5.37  | 1.84  |         |          |        |
| October - -   | 1.93  | 1.04  | 4.22  | 3.99  | 1.71  | 4.59  | 2.39  | 1.75  |         |          |        |
| November - -  | 2.79  | 2.24  | .68   | 1.61  | 2.63  | 3.40  | 4.25  | .88   |         |          |        |
| December - -  | 2.65  | 1.39  | 1.67  | 1.55  | 1.69  | 1.33  | 2.20  | 2.35  | 4       |          |        |
| TOTALS -      | 31.00 | 24.25 | 26.11 | 25.18 | 18.95 | 22.66 | 35.55 | 25.70 | (58.92) | (268.32) |        |

d d d C C C

RAINFALL AT LeedsCopperObserver E. J. Dilliter

Rain { By.....

Gauge } Diameter 8 in.Height above Ground,.....ft. 9 in.Above Mean Sea Level 340 ft.

| YEAR.....      | 1868  | 1869  | MEANS. |
|----------------|-------|-------|--------|
| January .....  | 4     | 2.94  | 2.94   |
| February ..... | 1.70  | 2.69  |        |
| March .....    | 2.78  | 1.54  |        |
| April .....    | 1.70  | 1.90  |        |
| May .....      | 1.21  | 5.69  |        |
| June.....      | .22   | .73   |        |
| July .....     | .30   | .57   |        |
| August.....    | 2.12  | 1.57  |        |
| September..... | 3.65  | 4.70  |        |
| October.....   | 2.85  | 1.32  |        |
| November.....  | 2.34  | 2.06  |        |
| December.....  | 6.99  | 4.39  |        |
| TOTALS .....   | 28.80 | 30.12 |        |

C C

In the Watershed of the Wharfe  
 Taken daily & entered to the day previous

RAINFALL AT Leeds Esplanade

Lat.....

Lon..... County of Yorkshire N.W.

..... Rain Gauge, by.....

Observer C. Hillier Esq. C.E.

|                |       |       |       |       |       |       |       |       |       |       |        |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter ..... | .8    |       |       |       |       |       |       |       |       |       |        |
| Height .....   | .9    |       |       |       |       |       |       |       |       |       |        |
| Altitude ..... | 340   |       |       |       |       |       | 343   |       |       |       |        |
| YEAR .....     | 1870  | 1871  | 1872  | 1873  | 1874  | 1875  | 1876  | 1877  | 1878  | 1879  | MEANS. |
| January.....   | 2.26  | .77   | 3.72  | 2.57  | 2.14  | 3.78  | 1.88  | 4.84  | 2.95  | 1.48  | 2.539  |
| February ..... | 1.97  | 2.84  | 3.24  | 1.19  | 1.40  | 2.22  | 2.39  | 2.10  | 1.29  | 3.14  | 2.178  |
| March .....    | 1.71  | 1.09  | 2.28  | 2.86  | 2.01  | 1.30  | 4.34  | 3.27  | 1.16  | 1.49  | 2.151  |
| April .....    | 1.83  | 3.25  | 3.35  | 1.64  | 1.44  | 1.67  | 2.42  | 4.22  | 2.44  | 2.29  | 2.155  |
| May .....      | 1.36  | .97   | 1.44  | 2.82  | .72   | 1.38  | 1.85  | 2.24  | 4.55  | 1.31  | 1.764  |
| June .....     | 1.54  | 3.70  | 4.74  | 1.33  | 5.82  | 2.36  | 2.10  | 1.99  | 4.06  | 5.08  | 2.748  |
| July .....     | 1.80  | 3.58  | 5.31  | 3.01  | 1.89  | 3.06  | 2.20  | 4.79  | .70   | 4.57  | 2.991  |
| August .....   | 1.93  | 1.19  | 3.18  | 2.65  | 2.40  | 2.57  | 2.27  | 4.03  | 7.09  | 3.53  | 3.084  |
| September..... | 1.05  | 6.70  | 3.95  | 2.08  | 2.25  | 3.01  | 3.76  | 3.06  | 3.26  | 1.59  | 3.071  |
| October.....   | 1.26  | 3.25  | 5.41  | 2.18  | 2.51  | 4.39  | 3.12  | 3.92  | 2.44  | .85   | 3.533  |
| November.....  | 2.19  | 1.04  | 4.31  | 2.11  | 2.69  | 4.13  | 3.33  | 2.77  | 3.03  | 1.37  | 2.697  |
| December.....  | 3.39  | 1.44  | 3.94  | .50   | 2.94  | 1.26  | 7.28  | 2.46  | 1.74  | 1.52  | 2.646  |
| TOTALS.....    | 26.29 | 29.82 | 44.87 | 29.94 | 22.97 | 30.12 | 34.94 | 39.69 | 34.71 | 28.22 | 31.537 |

C C C

RAINFALL AT Leeds, Escap. (Goodrick Blouse) Sorth.

Lat. ....

Lon. ....

County of York, W. R.

Rain Gauge, by

Observer

E. Filliter, Esq., C.E.Quay Wharf - 10

| Diameter .....  | 6     |       |       |       |       |       |       |       |       |      |        |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------|
| Height .....    | 0.9   |       |       |       |       |       |       |       |       |      |        |
| Altitude .....  | 305T  |       |       |       |       |       |       |       |       |      |        |
| Year .....      | 1880  | 1881  | 1882  | 1883  | 1884  | 1885  | 1886  | 1887  | 1888  | 1889 | MEANS. |
| January .....   | 4.45  | 2.59  | 4.03  | 3.86  | 1.47  | 3.92  | 1.83  | .78   | 1.11  |      |        |
| February .....  | 4.02  | 1.93  | 2.29  | 2.52  | 2.66  | .62   | .86   | .37   | 1.35  |      |        |
| March .....     | 3.48  | 2.61  | .90   | 1.95  | 1.68  | 1.85  | 1.27  | 2.78  | 1.98  |      |        |
| April .....     | 1.49  | 3.09  | 2.81  | 2.17  | 1.49  | 1.98  | 1.65  | 2.76  | 3.24  |      |        |
| May .....       | 1.59  | 1.40  | 1.33  | 1.21  | 2.33  | 4.73  | 1.99  | .82   | 3.27  |      |        |
| June .....      | 2.31  | 1.23  | 3.27  | .90   | 2.97  | .86   | .06   | 2.23  | .32   |      |        |
| July .....      | 2.57  | 3.62  | 3.60  | 3.88  | 1.22  | 3.47  | 1.40  | 5.42  | 1.55  |      |        |
| August .....    | 4.41  | 1.77  | 2.10  | 1.14  | 1.10  | 2.96  | 1.81  | 2.35  | 4.21  |      |        |
| September ..... | 2.63  | 1.77  | 4.68  | 1.35  | 3.44  | 1.55  | 3.17  | .55   | 1.15  |      |        |
| October .....   | 3.68  | 3.90  | 3.05  | 1.33  | 4.94  | 4.61  | 2.06  | .57   | 4.12  |      |        |
| November .....  | 3.40  | 3.77  | 2.85  | 1.13  | 2.22  | 2.08  | 2.22  | 6.05  | .87   |      |        |
| December .....  | 3.20  | 3.88  | 1.01  | 2.45  | .57   | 3.82  | 1.46  | 2.04  | 1.94  |      |        |
| TOTALS .....    | 33.23 | 35.22 | 31.92 | 23.89 | 26.08 | 32.45 | 19.78 | 26.72 | 25.11 |      |        |

Gauge about 250 yards from the old Escap. gauge, which will be under water when the new reservoir is complete and filled.

RAINFALL AT *Leeds Eccup East*

Lat.

Lon.

County of *York*

Rain Gauge, by

Observer *E. Filliter Esq.**Buse Wharf - 10*

| Diameter  |      |      |      |      | 8    |       |       |       |       |      |        |
|-----------|------|------|------|------|------|-------|-------|-------|-------|------|--------|
| Height    |      |      |      |      | 9    |       |       |       |       |      |        |
| Altitude  |      |      |      |      | 383  |       | 375   |       |       |      |        |
| Year      | 1880 | 1881 | 1882 | 1883 | 1884 | 1885  | 1886  | 1887  | 1888  | 1889 | MEANS. |
| January   |      |      |      |      |      | 4.34  | 2.31  | .87   | 1.00  |      |        |
| February  |      |      |      |      |      | .69   | .74   | 1.28  | 1.58  |      |        |
| March     |      |      |      |      |      | 3.11  | 1.63  | 3.90  | 2.54  |      |        |
| April     |      |      |      |      |      | 2.02  | .62   | 3.04  | 3.67  |      |        |
| May       |      |      |      |      |      | 5.05  | 2.07  | .86   | 2.98  |      |        |
| June      |      |      |      |      | .80  | .97   | .07   | 2.28  | .36   |      |        |
| July      |      |      |      |      | 3.73 | 3.60  | 1.27  | 5.45  | 1.52  |      |        |
| August    |      |      |      |      | 1.02 | 2.89  | 1.81  | 2.29  | 4.07  |      |        |
| September |      |      |      |      | 1.74 | 1.34  | 3.13  | .69   | 1.27  |      |        |
| October   |      |      |      |      | 1.30 | 4.34  | 2.15  | .55   | 4.65  |      |        |
| November  |      |      |      |      | 1.25 | 1.68  | 2.29  | 6.09  | .88   |      |        |
| December  |      |      |      |      | 2.20 | 3.58  | 4.63  | 2.13  | 1.96  |      |        |
| TOTALS    |      |      |      |      |      | 33.61 | 19.72 | 29.43 | 26.48 |      |        |

*New gauge 5 furlongs east of the old gauge.*

RAINFALL AT Leds, Escup

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_ County of Yorks

Rain Gauge, by \_\_\_\_\_

Observer E. Gilliver, Esq., L.L.C.Dowse - Wharfe - 10

| Diameter .....  | 8      |       |       |       |      |      |      |      |      |      |        |
|-----------------|--------|-------|-------|-------|------|------|------|------|------|------|--------|
| Height .....    | 9      |       |       |       |      |      |      |      |      |      |        |
| Altitude .....  | 848 ft |       |       |       |      |      |      |      |      |      |        |
| Year .....      | 1880   | 1881  | 1882  | 1883  | 1884 | 1885 | 1886 | 1887 | 1888 | 1889 | MEANS. |
| January .....   | .17    | 4.8   | 2.24  | 3.15  | 3.51 |      |      |      |      |      |        |
| February .....  | 2.14   | 4.16  | 1.67  | 1.93  | 2.30 |      |      |      |      |      |        |
| March .....     | 2.08   | 4.00  | 2.17  | .82   | 2.09 |      |      |      |      |      |        |
| April .....     | 2.81   | 1.47  | 3.55  | 2.84  | 2.12 |      |      |      |      |      |        |
| May .....       | 2.33   | 1.52  | 1.33  | 1.19  | 1.02 |      |      |      |      |      |        |
| June .....      | 2.87   | 2.16  | 4.00  | 3.22  |      |      |      |      |      |      |        |
| July .....      | 4.86   | 2.49  | 3.30  | 3.23  |      |      |      |      |      |      |        |
| August .....    | 1.45   | 4.29  | 1.58  | 1.94  |      |      |      |      |      |      |        |
| September ..... | 4.09   | 2.65  | 1.71  | 4.63  |      |      |      |      |      |      |        |
| October .....   | 5.43   | 3.53  | 3.07  | 3.03  |      |      |      |      |      |      |        |
| November .....  | 2.40   | 2.81  | 2.75  | 2.35  |      |      |      |      |      |      |        |
| December .....  | 4.05   | 2.78  | 4.05  | .81   |      |      |      |      |      |      |        |
| TOTALS .....    | 341.68 | 32.24 | 32.17 | 29.11 |      |      |      |      |      |      |        |

Rejected from Dowse = 4" too Low.

## RAINFALL AT

Leeds Esplanade East

Lat.

Lon.

County of York W.R.

Wharf to Rain Gauge, by  
Observer J. Hewson Esq. C.E.  
Date - June 19

| Diameter .....  | 8      |       |       |       |       |       |       |       |       |       |        |
|-----------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height .....    | 0.9    |       |       |       |       |       |       |       |       |       |        |
| Altitude .....  | 375 ft |       |       |       |       |       |       |       |       |       |        |
| Year .....      | 1890   | 1891  | 1892  | 1893  | 1894  | 1895  | 1896  | 1897  | 1898  | 1899  | MEANS. |
| January .....   | 3.23   | 1.32  | 1.59  | 1.07  | 3.04  | 4.99  | .65   | 2.07  | 1.01  | 3.41  | 2.288  |
| February .....  | 1.10   | .03   | 2.22  | 2.94  | 4.19  | .31   | .77   | 2.75  | 1.43  | 1.56  | 1.730  |
| March .....     | 1.97   | 1.38  | 1.41  | .57   | 1.75  | 2.16  | 3.17  | 2.81  | .94   | 1.15  | 1.751  |
| April .....     | .97    | 1.73  | 1.46  | .80   | 3.24  | 1.92  | 1.04  | 1.80  | 2.86  | 1.81  | 1.760  |
| May .....       | 3.01   | 2.08  | 2.96  | 2.33  | 1.80  | .42   | .50   | 1.21  | 2.19  | 3.28  | 1.978  |
| June .....      | 2.58   | 1.24  | 5.41  | 1.72  | 3.17  | 2.96  | 4.67  | 3.54  | 1.44  | 1.24  | 2.797  |
| July .....      | 1.81   | 3.76  | 1.32  | 3.14  | 2.78  | 5.53  | 1.63  | .91   | .69   | 1.29  | 2.286  |
| August .....    | 4.27   | 3.84  | 3.54  | 2.32  | 2.52  | 2.30  | 2.28  | 2.87  | 3.16  | 1.44  | 2.854  |
| September ..... | 1.95   | 1.79  | 1.48  | 1.23  | .75   | .86   | 3.51  | 2.17  | .72   | 3.12  | 1.758  |
| October .....   | .67    | 4.21  | 7.29  | 2.30  | 4.33  | 3.65  | 3.85  | 1.64  | 4.48  | 2.56  | 3.458  |
| November .....  | 2.97   | 3.62  | 1.90  | 2.20  | 1.70  | 3.23  | 1.75  | 2.30  | 3.13  | .76   | 2.356  |
| December .....  | 1.16   | 4.01  | .78   | 3.18  | 1.62  | 2.65  | 4.08  | 2.43  | 2.50  | 2.74  | 2.515  |
| TOTALS .....    | 25.69  | 29.01 | 31.36 | 23.80 | 30.89 | 30.88 | 27.90 | 26.50 | 24.55 | 24.36 | 27.494 |

## RAINFALL AT

Leeds Eccup South

Lat.

Lon.

County of

York W.R.

W.M. 10 Rain Gauge, by

Observer T. Henderson Esq. C.B.

Dose. Ave. \$

| Diameter .....  | 8     |       |       |       |       |       |       |       |       |       |        |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height .....    | 0.9   |       |       |       |       |       |       |       |       |       |        |
| Altitude .....  | 390 T |       |       |       |       |       |       |       |       |       |        |
| Year .....      | 1890  | 1891  | 1892  | 1893  | 1894  | 1895  | 1896  | 1897  | 1898  | 1899  | MEANS. |
| January .....   | 3.15  | 1.37  | 1.48  | 1.00  | 2.85  | 3.75  | .65   | 2.13  | 1.20  | 3.69  | 2.127  |
| February .....  | 1.00  | .06   | 2.18  | 2.72  | 4.36  | .32   | .78   | 2.78  | 1.92  | 1.60  | 1.770  |
| March .....     | 1.99  | 1.38  | 1.05  | .56   | 1.78  | 2.81  | 3.06  | 3.33  | .85   | 1.23  | 1.754  |
| April .....     | .93   | 1.61  | 1.59  | .77   | 3.22  | 1.95  | 1.34  | 1.86  | 2.73  | 1.68  | 1.768  |
| May .....       | 2.85  | 1.73  | 3.07  | 2.77  | 1.79  | .58   | .56   | 1.30  | 2.16  | 3.26  | 2.007  |
| June .....      | 2.48  | 1.28  | 4.87  | 1.61  | 2.78  | 3.15  | 4.43  | 3.69  | 1.75  | 1.28  | 2.722  |
| July .....      | 1.76  | 3.51  | 1.37  | 3.41  | 2.67  | 6.10  | 1.71  | .76   | .75   | 1.37  | 2.341  |
| August .....    | 4.60  | 3.78  | 3.33  | 2.57  | 2.48  | 2.44  | 2.30  | 3.18  | 3.43  | 1.58  | 2.964  |
| September ..... | 2.04  | 1.69  | 1.67  | 1.34  | .81   | .95   | 3.62  | 2.67  | .72   | 3.28  | 1.879  |
| October .....   | .77   | 4.27  | 6.88  | 2.56  | 4.47  | 3.97  | 3.91  | 1.77  | 4.32  | 2.54  | 2.516  |
| November .....  | 2.87  | 3.64  | 1.86  | 1.91  | 1.71  | 3.43  | 1.77  | 2.45  | 2.11  | .87   | 2.262  |
| December .....  | 1.08  | 4.72  | .78   | 3.25  | 1.84  | 3.16  | 3.81  | 3.09  | 2.77  | 2.64  | 2.714  |
| TOTALS ..       | 25.52 | 29.04 | 30.13 | 24.47 | 30.71 | 32.11 | 27.94 | 29.01 | 24.71 | 25.02 | 27.866 |

RAINFALL AT Harewood House

Lat.  $53^{\circ} 22'$

Lon.  $1^{\circ} 30' 30''$

County of York W.R. Northern

Rain Gauge, by

Observer Countess of Harewood

Wharf - 10.

| Diameter ..  | 5     |       |       |       |       |       |       |       |       |       |            |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|
| Height ..    | 1 0   |       | 0-10  |       |       |       |       |       |       |       |            |
| Altitude ..  | 300   |       |       |       |       |       |       |       |       |       |            |
| Year ..      | 1900  | 1901  | 1902  | 1903  | 1904  | 1905  | 1906  | 1907  | 1908  | 1909  | M.R.A.N.R. |
| January ..   | 4.22  | 1.85  | 1.89  | 2.07  | 2.73  | .81   | 4.02  | .85   | 1.14  | 1.42  | 2.050      |
| February ..  | 5.02  | 1.60  | 1.01  | 2.15  | 3.38  | 1.57  | 2.23  | 2.63  | 1.62  | .56   | 2.177      |
| March ..     | .67   | 2.31  | 1.09  | 3.60  | 2.05  | 2.57  | 2.14  | 2.12  | 3.77  | 3.04  | 2.336      |
| April ..     | 1.24  | 2.83  | 1.82  | 1.72  | 1.94  | 2.54  | .87   | 1.75  | 2.96  | 3.05  | 2.072      |
| May ..       | 1.28  | 1.33  | 3.24  | 3.97  | 2.94  | .63   | 2.22  | 4.63  | 3.09  | 1.60  | 2.493      |
| June ..      | 4.33  | 1.14  | 1.87  | 2.30  | 1.49  | 1.27  | 1.15  | 4.38  | 1.46  | 3.04  | 2.243      |
| July ..      | 2.92  | 2.42  | 2.62  | 3.44  | 2.84  | 1.40  | 1.72  | 2.34  | 3.70  | 4.02  | 2.742      |
| August ..    | 4.58  | 1.65  | 3.90  | 3.53  | 3.77  | 4.53  | 2.07  | 1.79  | 1.51  | 3.16  | 3.049      |
| September .. | .69   | 1.29  | 1.24  | 4.19  | 1.18  | 1.56  | .69   | .97   | 2.73  | 1.78  | 1.632      |
| October ..   | 3.69  | 1.89  | 3.53  | 8.50  | .71   | 2.21  | 5.25  | 6.19  | 1.67  | 2.36  | 3.600      |
| November ..  | 3.40  | 3.98  | 1.97  | 1.73  | 2.08  | 4.82  | 3.22  | 3.85  | 1.64  | .88   | 2.707      |
| December ..  | 2.96  | 4.43  | 2.65  | 1.55  | 1.91  | .46   | 1.68  | 3.36  | 1.54  | 4.28  | 2.482      |
| TOTALS ..    | 35.00 | 26.72 | 26.33 | 38.75 | 27.02 | 24.37 | 27.26 | 34.36 | 26.83 | 29.19 | 29.583     |

1900 February Snow estimated

1901 Harewood Church  $\frac{1}{2}$  mile N.E.

1906 Arlington Station 3 - 57.65

## RAINFALL AT Adel Eccep East New

Lat.

Lon.

County of York w.R. Northern

Rain Gauge, by

Observer T. Harrison Esq. CL

Wharfe -10.

C. G. Hornzell Esq. CL

| Diameter ..  | 8      |       |       |       |       |       |       |       |       |       |               |
|--------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| Height ....  | 0 9    |       |       |       |       |       |       |       |       |       |               |
| Altitude ..  | 375 ft |       |       |       |       |       |       |       |       |       |               |
| Year ..      | 1900   | 1901  | 1902  | 1903  | 1904  | 1905  | 1906  | 1907  | 1908  | 1909  | MEANS.        |
| January ..   | 3.85   | 1.45  | 1.43  | 2.04  | 2.95  | .63   | 4.29  | .92   | 1.15  | 1.31  | 2.002         |
| February ..  | 5.65   | 1.45  | 1.57  | 1.59  | 3.80  | 1.49  | 2.60  | 2.06  | 1.26  | .89   | 2.236         |
| March ..     | .76    | 2.33  | .78   | 3.48  | 2.05  | 2.61  | 1.93  | 1.97  | 3.74  | 3.82  | 2.347         |
| April ..     | .75    | 2.67  | 1.65  | 1.30  | 1.87  | 2.61  | .81   | 1.56  | 2.98  | 3.05  | 1.925         |
| May ..       | 1.06   | 1.17  | 2.94  | 4.09  | 3.00  | .86   | 2.05  | 4.10  | 2.60  | 1.91  | 2.378         |
| June ..      | 3.59   | 1.01  | 1.53  | 2.27  | 1.17  | 1.34  | 1.07  | 3.50  | 1.24  | 3.21  | 1.993         |
| July ..      | 2.52   | 1.24  | 2.11  | 2.87  | 2.55  | 1.19  | 1.53  | 2.23  | 3.01  | 3.56  | 2.281         |
| August ..    | 5.02   | 1.46  | 3.98  | 3.06  | 3.50  | 4.35  | 1.91  | 1.75  | 1.55  | 2.98  | 2.956         |
| September .. | .68    | 1.34  | 1.08  | 3.77  | 1.09  | 1.73  | .59   | .97   | 2.55  | 1.43  | 1.523         |
| October ..   | 3.58   | 1.78  | 2.95  | 7.90  | .77   | 2.02  | 5.39  | 6.60  | 1.65  | 2.21  | 3.485         |
| November ..  | 3.77   | 3.79  | 2.08  | 1.89  | 1.85  | 5.56  | 4.01  | 3.27  | 1.68  | .73   | 2.862         |
| December ..  | 3.08   | 4.40  | 2.17  | 1.45  | 2.24  | .51   | 2.46  | 3.22  | 1.81  | 5.37  | 2.671         |
| TOTALS ..    | 34.31  | 24.09 | 24.27 | 35.70 | 26.84 | 24.90 | 28.64 | 32.15 | 25.22 | 30.47 | 28.650<br>443 |

Hub

## RAINFALL AT Adel Eccep South

Lat.

Lon.

County of York W.R. Northern

Rain Gauge, by

Observer J. Newson Esq C.E.

C.G. Hornsby Esq C.E.

Wharfe - 10.

| Diameter ..  | 8     |       |       |       |       |       |       |       |       |       |            |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|
| Height ..    | 0 9   |       |       |       |       |       |       |       |       |       |            |
| Altitude ..  | 390 T |       |       |       |       |       |       |       |       |       |            |
| Year ..      | 1900  | 1901  | 1902  | 1903  | 1904  | 1905  | 1906  | 1907  | 1908  | 1909  | M.R.A.N.S. |
| January ..   | 4.16  | 1.76  | 1.42  | 1.95  | 2.80  | .70   | 3.37  | .87   | 1.09  | 1.23  | 1935       |
| February ..  | 4.59  | 1.39  | 1.45  | 1.73  | 3.37  | 1.28  | 1.94  | 1.66  | 1.33  | .66   | 1940       |
| March ..     | .58   | 1.80  | .87   | 3.42  | 1.87  | 2.27  | 1.52  | 1.78  | 3.47  | 3.29  | 2087       |
| April ..     | .92   | 2.89  | 1.62  | 1.32  | 1.70  | 2.30  | .76   | 1.54  | 2.90  | 3.04  | 1899       |
| May ..       | 1.21  | 1.07  | 3.06  | 3.40  | 2.67  | .80   | 2.09  | 3.77  | 2.42  | 1.83  | 2332       |
| June ..      | 3.75  | 1.13  | 1.63  | 1.89  | 1.29  | 1.35  | 1.08  | 3.89  | 1.12  | 3.00  | 1963       |
| July ..      | 2.73  | 1.31  | 2.33  | 2.97  | 2.35  | 1.22  | 1.41  | 2.30  | 3.10  | 3.58  | 2330       |
| August ..    | 4.62  | 1.45  | 3.69  | 3.17  | 3.25  | 4.15  | 1.82  | 1.75  | 1.47  | 2.99  | 2836       |
| September .. | .68   | 1.68  | 1.14  | 3.90  | 1.14  | 1.39  | .59   | .92   | 2.63  | 1.50  | 1557       |
| October ..   | 3.47  | 1.92  | 2.98  | 7.48  | .66   | 1.86  | 4.82  | 6.06  | 1.62  | 2.29  | 3316       |
| November ..  | 3.12  | 3.89  | 1.81  | 1.80  | 1.82  | 4.45  | 3.18  | 3.24  | 1.65  | .82   | 2578       |
| December ..  | 2.89  | 4.18  | 2.21  | 1.29  | 1.83  | .44   | 1.96  | 2.87  | 1.71  | 4.92  | 2430       |
| TOTALS ..    | 32.72 | 24.47 | 24.21 | 34.32 | 24.75 | 22.21 | 24.54 | 30.15 | 24.51 | 29.15 | 27100      |

H.W.B.

RAINFALL at Adel Ecusso South

County of W R Yorkshire

Observer C. F. Hennell Aug 28.

River Basin One - Wharfe 10

*Rain Gauge, by.*

old saws

| Diameter .....  | 8     |       |       |       |       |       |       |       |       |       |        |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height .....    | 0.9   |       |       |       |       |       |       |       |       |       |        |
| Altitude ...    | 390 T |       |       |       |       |       |       |       |       |       |        |
| Year .....      | 1910  | 1911  | 1912  | 1913  | 1914  | 1915  | 1916  | 1917  | 1918  | 1919  | MEANS. |
| January .....   | 2.75  | .92   | 4.88  | 3.42  | 1.50  | 2.65  | 1.36  | 2.55  | 1.90  | 4.46  |        |
| February .....  | 2.73  | 2.12  | 2.04  | .84   | 1.67  | 3.55  | 4.15  | .60   | 2.67  | 2.06  |        |
| March .....     | .54   | 1.29  | 3.70  | 3.25  | 3.11  | .93   | 4.26  | 2.46  | 1.43  | 4.54  |        |
| April .....     | 2.33  | 1.12  | .39   | 3.01  | 1.39  | 1.05  | 1.35  | 1.35  | .70   | 1.58  |        |
| May .....       | 2.24  | .93   | 3.69  | 2.50  | 1.12  | 1.88  | 2.57  | 2.29  | 2.99  | 1.63  |        |
| June .....      | 2.27  | 4.88  | 5.42  | 1.95  | 2.00  | 1.93  | 2.07  | 1.38  | .97   | 1.56  |        |
| July .....      | 3.08  | .57   | 4.99  | .74   | 4.21  | 3.90  | 1.75  | 1.00  | 3.81  | 3.51  |        |
| August .....    | 3.70  | 2.05  | 6.02  | 1.55  | 2.46  | 3.07  | 2.12  | 5.27  | 2.47  | 2.82  |        |
| September ..... | .25   | 2.86  | 1.64  | 1.37  | 1.41  | .58   | 2.20  | .91   | 7.39  | 1.58  |        |
| October .....   | 3.43  | 2.95  | 3.02  | 3.61  | 2.32  | 1.39  | 5.19  | 4.16  | 2.12  | 3.64  |        |
| November .....  | 4.03  | 3.17  | 1.91  | 2.12  | 3.72  | 2.16  | 3.44  | 2.03  | 1.24  | 2.53  |        |
| December .....  | 3.20  | 4.48  | 2.65  | 1.93  | 6.15  | 6.80  | 2.31  | 1.76  | 5.64  | 4.84  |        |
| TOTALS .....    | 30.55 | 26.79 | 40.35 | 26.29 | 31.06 | 31.04 | 32.77 | 25.76 | 33.33 | 33.84 |        |

063 515

10 313

## RAINFALL at Adel Eccep East

County of W.R. Yorkshire

Observer C.G. Hennzell Esq. C.R.

River Basin Ouse - Wharfe 10

Rain Gauge, by

New Gauge

| Diameter ... | 8      |       |       |       |       |       |       |       |       |       | 1916-19<br>MEANS<br>Totals |
|--------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------|
| Height ..... | 0 9    |       |       |       |       |       |       |       |       |       |                            |
| Altitude ... | 375 ft |       |       |       |       |       |       |       |       |       |                            |
| Year ...     | 1910   | 1911  | 1912  | 1913  | 1914  | 1915  | 1916  | 1917  | 1918  | 1919  |                            |
| January ...  | 3.10   | .96   | 5.26  | 4.15  | 1.59  | 3.74  | 1.16  | 2.74  | 2.24  | 3.54  | 9.68                       |
| February ... | 2.63   | 1.79  | 2.22  | .87   | 1.75  | 4.16  | 4.45  | .62   | 2.62  | 2.82  | 9.91                       |
| March .....  | .52    | 1.39  | 3.62  | 3.25  | 3.34  | 1.23  | 4.90  | 2.70  | 1.48  | 4.54  | 13.62                      |
| April .....  | 2.39   | 1.18  | .27   | 3.26  | 1.19  | 1.09  | 1.40  | 1.77  | .72   | 1.68  | 5.51                       |
| May .....    | 2.31   | .89   | 3.84  | 2.63  | 1.17  | 1.98  | 2.74  | 2.33  | 2.74  | 1.61  | 9.42                       |
| June .....   | 2.25   | 4.07  | 5.55  | 1.91  | 2.16  | .99   | 1.98  | 1.56  | .96   | 1.15  | 5.65                       |
| July .....   | 3.13   | .89   | 4.87  | .89   | 4.54  | 4.29  | 1.69  | .98   | 4.85  | 5.19  | 10.41                      |
| August ..... | 3.78   | 2.05  | 6.40  | 1.69  | 2.59  | 3.40  | 2.12  | 5.60  | 2.77  | 2.11  | 12.60                      |
| September .. | .14    | 3.09  | 1.73  | 1.36  | 1.46  | 1.01  | 1.99  | .93   | 7.50  | 1.87  | 11.69                      |
| October ...  | 3.30   | 3.10  | 2.95  | 3.78  | 2.61  | 1.45  | 5.31  | 4.50  | 2.09  | 3.58  | 15.48                      |
| November ..  | 4.37   | 3.32  | 1.86  | 2.13  | 3.96  | 2.37  | 3.85  | 2.28  | 1.30  | 2.17  | 9.60                       |
| December ... | 3.18   | 4.69  | 2.58  | 1.97  | 6.77  | 7.69  | 2.50  | 1.95  | 5.75  | 4.11  | 14.31                      |
| TOTALS ...   | 31.10  | 26.92 | 41.15 | 27.89 | 33.13 | 33.43 | 34.09 | 27.96 | 34.72 | 31.11 | 127.88                     |

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church, | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|---------|-----------|------------|
|       |         |       |                  |           |            |         |           |            |

RAINFALL at Harewood HouseCounty of W.R. YorkshireObserver Countess of HarewoodRiver Basin Ouse & Wharfe 10

Rain Gauge, by

| Diameter ...    | 5     |       |       |       |       |       |       |       |       |       |        |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height .....    | 0.10  |       |       |       |       |       |       |       |       |       |        |
| Altitude .....  | 300   |       |       |       |       |       |       |       |       |       |        |
| Year .....      | 1910  | 1911  | 1912  | 1913  | 1914  | 1915  | 1916  | 1917  | 1918  | 1919  | MEANS. |
| January .....   | 2.83  | 1.08  | 4.85  | 3.27  | 1.93  | 3.47  | 1.53  | 1.93  | 2.29  | 4.30  |        |
| February .....  | 2.43  | 1.81  | 2.31  | .83   | 1.59  | 3.75  | 4.28  | .20   | 2.92  | 2.22  |        |
| March .....     | .66   | 1.43  | 3.57  | 3.19  | 3.02  | 1.07  | 4.76  | 2.23  | 1.35  | 4.93  |        |
| April .....     | 2.41  | 1.09  | .25   | 3.05  | 1.33  | 1.11  | 1.54  | 1.55  | .48   | 2.14  |        |
| May .....       | 2.36  | .81   | 3.65  | 2.22  | 1.13  | 1.59  | 2.84  | 2.41  | 3.27  | 1.03  |        |
| June .....      | 2.44  | 3.43  | 4.85  | 1.60  | 1.74  | 1.08  | 1.88  | 1.64  | .87   | 1.85  |        |
| July .....      | 3.43  | .44   | 4.55  | .69   | 4.05  | 4.04  | 1.75  | .69   | 4.17  | 3.00  |        |
| August .....    | 3.80  | 2.00  | 5.72  | 1.33  | 2.58  | 3.80  | 2.27  | 6.06  | 2.61  | 2.55  |        |
| September ..... | .20   | 3.09  | 1.71  | 1.22  | 1.39  | 1.02  | 1.92  | 1.08  | 7.53  | 1.54  |        |
| October .....   | 3.26  | 2.83  | 2.78  | 3.77  | 2.41  | 1.61  | 5.37  | 4.20  | 1.76  | 3.99  |        |
| November .....  | 3.95  | 3.24  | 1.70  | 1.98  | 3.66  | 2.16  | 3.83  | 2.59  | 1.21  | 2.51  |        |
| December .....  | 3.18  | 4.45  | 2.61  | 1.23  | 6.36  | 7.45  | 2.60  | 1.80  | 6.04  | 4.82  |        |
| TOTALS .....    | 30.95 | 25.70 | 38.55 | 24.38 | 31.17 | 32.15 | 34.37 | 26.38 | 34.80 | 33.68 |        |

1912 Vining

44

| Date. | Lat. N. | Long.      | Railway Station. | Distance.        | Direction. | Church.  | Distance.        | Direction. |
|-------|---------|------------|------------------|------------------|------------|----------|------------------|------------|
|       | 53° 22' | 1° 30' 31" | Arthington       | 3 1/2<br>4 1/4 m | W          | Harewood | 2 1/2<br>1 3/4 m | N          |

## RAINFALL at Adel Eccep East

County of W. R. Yorkshire      Observer G. G. Hengell Esq. C.E.  
 River Basin Ouse-Wharfe 10      (1925) H. Shortland Esq. C.E.

Rain Gauge, by \_\_\_\_\_

Water Works Pump [Leeds]

New Gauge

| Diameter ... | 8     | 1920  | 1921  | 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928  | 1929  | 1930<br>MEANS. | 1920-30<br>TOTALS |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|-------------------|
| Height ..... | 0.9   |       |       |       |       |       |       |       |       |       |       |                |                   |
| Altitude ... | 375   |       |       |       |       |       |       |       |       |       |       |                |                   |
| Year .....   | 1920  | 1921  | 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928  | 1929  |       |                |                   |
| January ...  | 3.20  | 3.67  | 3.69  | 1.66  | 2.03  | 2.72  | 3.21  | 2.71  | 6.24  | 1.92  | 4.72  |                | 35.77             |
| February ... | 1.64  | 1.19  | 3.13  | 4.82  | 1.03  | 4.66  | 2.67  | 1.42  | 2.89  | .78   | 1.14  |                | 24.37             |
| March .....  | 2.16  | 1.44  | 1.84  | 1.58  | 1.28  | 1.12  | 1.24  | 2.28  | 3.57  | .37   | 2.96  |                | 19.84             |
| April .....  | 4.07  | 1.43  | 2.82  | 2.17  | 2.18  | 3.94  | 1.45  | 2.36  | .94   | 1.35  | 3.09  |                | 25.80             |
| May .....    | 2.62  | 1.36  | .82   | 2.83  | 4.86  | 4.31  | 2.90  | 2.08  | 2.54  | 1.60  | 1.89  |                | 27.81             |
| June .....   | 2.33  | 1.13  | 1.56  | .85   | 2.54  | .20   | 3.88  | 2.83  | 4.86  | 1.19  | 1.79  |                | 22.16             |
| July .....   | 6.51  | .89   | 4.77  | 3.90  | 4.13  | 1.00  | 2.53  | 1.24  | .79   | 2.54  | 5.68  |                | 38.98             |
| August ..... | 1.76  | 4.16  | 4.56  | 2.86  | 3.14  | 2.71  | 3.08  | 8.00  | 4.71  | 2.17  | 3.41  |                | 40.56             |
| September... | 1.15  | .97   | 2.87  | 3.07  | 3.40  | 3.02  | 1.50  | 3.71  | .31   | .57   | 4.27  |                | 24.90             |
| October..... | 1.95  | 1.94  | .97   | 2.80  | 3.37  | 3.81  | 3.20  | 2.58  | 4.92  | 3.18  | 3.10  |                | 31.82             |
| November...  | 1.53  | 2.78  | 1.32  | 2.79  | 3.16  | 2.76  | 5.35  | 3.41  | 4.26  | 4.32  | 4.00  |                | 35.68             |
| December...  | 2.81  | 3.44  | 3.73  | 3.43  | 3.02  | 3.68  | 1.18  | 2.51  | 1.48  | 6.26  | 2.73  |                | 34.27             |
| TOTALS...    | 31.73 | 22.40 | 32.08 | 32.76 | 34.14 | 33.93 | 32.25 | 40.13 | 37.51 | 26.25 | 38.78 |                | 364.96            |

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 | Parish Church. | Distance from gauge |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|
|       |         |       |                  |                     |           |                |                     |

## RAINFALL at Adel Escarp South

County of W. R. Yorkshire Observer C. G. Hengell Esq. C.E.

River Basin Ouse Wharfe 10 (1925) H. Shortland Esq. C.E.

Rain Gauge, by \_\_\_\_\_

Old Gauge

| Diameter ... | 8     |       |      |      |      |      |      |      |      | MEANS. |
|--------------|-------|-------|------|------|------|------|------|------|------|--------|
| Height ..... | 0 9   |       |      |      |      |      |      |      |      |        |
| Altitude ... | 390   |       |      |      |      |      |      |      |      |        |
| Year .....   | 1920  | 1921  | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929   |
| January ...  | 3.24  | 4.05  | 3.50 |      |      |      |      |      |      |        |
| February ... | 1.62  | 2.0   | 3.25 | #    |      |      |      |      |      |        |
| March .....  | 2.12  | 1.60  |      |      |      |      |      |      |      |        |
| April .....  | 4.87  | 1.38  |      |      |      |      |      |      |      |        |
| May .....    | 3.15  | 1.41  |      |      |      |      |      |      |      |        |
| June .....   | 2.43  | 1.0   |      |      |      |      |      |      |      |        |
| July .....   | 6.65  | .87   |      |      |      |      |      |      |      |        |
| August ..... | 1.71  | 4.21  |      |      |      |      |      |      |      |        |
| September... | 1.21  | 1.04  |      |      |      |      |      |      |      |        |
| October..... | 1.93  | 2.02  |      |      |      |      |      |      |      |        |
| November...  | 1.52  | 2.76  |      |      |      |      |      |      |      |        |
| December...  | 2.75  | 3.58  |      |      |      |      |      |      |      |        |
| TOTALS...    | 33.20 | 23.22 | Imp. |      |      |      |      |      |      |        |

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

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

RAINFALL at Harewood HouseCounty of W. R. YorkshireDowagerObserver, Countess of HarewoodRiver Basin Base-Wharfe 10Howard. Rain Gauge, by

(1929) Snowdon.

| Diameter ... | 5"     | 1920  | 1921  | 1922  | 1923  | 1924  | 1925  | 1926 | 1927  | 1928  | 1929  | 1930<br>MEANS. |
|--------------|--------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|----------------|
| Height ..... | 0 . 10 |       |       |       |       |       |       |      |       |       |       |                |
| Altitude ... | 300    |       |       |       |       |       |       |      |       |       |       |                |
| January ...  | 4.66   | 4.64  | 3.13  | 1.81  | 2.27  | 2.67  | 3.81  | 2.81 | 7.64  | 2.51  | 5.10  |                |
| February ... | 1.60   | 1.7   | 2.50  | 4.56  | 1.90  | 4.95  | 2.79  | 1.09 | 5.10  | .76   | 1.94  |                |
| March .....  | 2.87   | 1.46  | 1.96  | 1.74  | 1.91  | 1.78  | 1.18  | 2.57 | 5.60  | .36   | 3.26  |                |
| April.....   | 3.37   | 1.65  | 3.36  | 1.91  | 2.29  | 3.86  | 1.16  | 2.10 | .82   | 1.19  | 3.22  |                |
| May .....    | 2.50   | 1.32  | .76   | 2.80  | 3.99  | 4.34  | 2.93  | 1.72 | 2.62  | 1.55  | 1.61  |                |
| June .....   | 2.02   | 2.24  | 1.59  | .73   | 2.45  | .06   | 4.19  | 3.00 | 5.35  | .93   | 1.89  |                |
| July .....   | 6.86   | .99   | 4.99  | 4.22  | 4.13  | .85   | 2.56  | 6.61 | .70   | 2.35  | 5.83  |                |
| August ..... | 2.13   | 4.57  | 5.11  | 3.00  | 2.77  | 2.44  | 3.35  | 8.24 | 4.36  | 2.02  | 3.49  |                |
| September... | 1.32   | 1.06  | 3.57  | 3.46  | 3.18  | 4.08  | 1.68  | 3.87 | .33   | .68   | 3.98  |                |
| October..... | 2.29   | 2.09  | 1.13  | 3.26  | 3.40  | 4.04  | 3.78  | 2.56 | 5.69  | 3.34  | 3.07  |                |
| November...  | 1.60   | 3.40  | 1.26  | 2.72  | 2.89  | 2.69  | 6.01  | 3.60 | 4.02  | 4.85  | 4.44  |                |
| December...  | 2.57   | 3.29  | 4.32  | 4.08  | 3.33  | 3.94  | 1.92  | 2.94 | 1.75  | 7.03  | 3.25  |                |
| TOTALS...    | 33.79  | 24.88 | 33.68 | 34.29 | 33.51 | 34.40 | 34.36 | 4.11 | 39.98 | 27.57 | 39.98 |                |
|              | ↓      | ↓     | ↓     | ↓     | ↓     | ↓     | ↓     | ↓    | ↓     | ↓     | ↓     |                |

1929 Barden Lodge house roof high. 20 ft away. W.

1929. Vineries 20 ft. high 15 yds. N.

Position of Station on reduced Ordnance Survey } 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  | 53°22'  | 1°30'31" | Arthington       | 3 mi                | W                    | Harewood       | 1/2 mi              | N                    |

## RAINFALL at Adel (Eccup, East)

County of West Riding.

Observer H. Shortreed, Esq., CB.

River Basin Ouse- Wharfe- 10.

R.R. Form 1929, G.E. (1929)

Type of Gauge.

Annual Average 29.3 in. based on 45 years obs. un-weighted. Period of average 1881-1912 Ref. 3

78092/27

| Diameter  | 8.    |       |       |       |       |       |       |       |       |       |       |        |  |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Height    | 0.9.  |       |       |       |       |       |       |       |       |       |       |        |  |
| Altitude  | 375.  |       |       |       |       |       |       |       |       |       |       |        |  |
| Year      | 1931  | 1932  | 1933  | 1934  | 1935  | 1936  | 1937  | 1938  | 1939  | 1940  |       |        |  |
| January   | 2.06  | 2.17  | 2.04  | 2.09  | 1.29  | 3.40  | 2.97  | 3.11  | 4.29  | 2.79  | 2.79  | 26.71  |  |
| February  | 2.51  | 4.42  | 6.06  | 4.40  | 2.64  | 2.61  | 4.96  | 4.38  | 2.24  | 2.12  | 2.12  | 25.36  |  |
| March     | .70   | 1.82  | 2.13  | 2.21  | .96   | 2.31  | 2.52  | .22   | 1.94  | 2.16  | 2.16  | 16.97  |  |
| April     | 3.60  | 2.75  | 2.23  | 3.20  | 1.80  | 1.85  | 2.70  | .09   | .91   | 3.35  | 3.35  | 22.48  |  |
| May       | 2.94  | 5.11  | 2.50  | 1.33  | .92   | 2.29  | 2.59  | 3.69  | 1.51  | .80   | .80   | 23.68  |  |
| June      | 5.02  | .67   | 1.43  | 1.97  | 2.78  | 4.47  | 1.85  | 2.00  | 2.04  | .35   | .35   | 22.58  |  |
| July      | 3.67  | 5.25  | 2.42  | 2.67  | .44   | 2.97  | 1.99  | 3.44  | 5.29  | 4.89  | 4.89  | 31.03  |  |
| August    | 3.66  | 1.64  | 0.58  | 1.32  | 1.43  | 1.86  | 7.3   | 4.90  | 1.69  | .38   | .38   | 18.19  |  |
| September | 4.89  | 2.88  | 1.70  | 2.05  | 5.21  | 2.67  | 1.31  | 2.13  | .94   | 1.75  | 1.75  | 25.08  |  |
| October   | 1.17  | 3.68  | 3.69  | 2.29  | 5.31  | 2.02  | 2.41  | 3.71  | 1.99  | 3.33  | 3.33  | 29.50  |  |
| November  | 4.99  | 2.23  | 2.88  | 2.19  | 5.13  | 2.93  | 1.84  | 3.12  | 3.51  | 4.26  | 4.26  | 33.08  |  |
| December  | 1.47  | 1.23  | 0.60  | 5.43  | 2.81  | 2.06  | 2.67  | 3.68  | 1.72  | 2.43  | 2.43  | 24.10  |  |
| TOTALS    | 36.68 | 27.35 | 28.16 | 27.15 | 30.72 | 31.94 | 28.54 | 31.52 | 28.09 | 28.61 | 28.61 | 298.76 |  |

Inspected June 1934:- Recommended that gauge should be moved to new site 250 ft N.E. of present position to avoid drawing trees.  
Also higher measure and glass bottle for collecting rainfall should be brought into use.  
Recommendations carried out. - see f. - Enclosed 29 A

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

## RAINFALL at Harewood House

County of West Riding

Observer Dowager Countess of Harewood,

River Basin Ouse - Wharfe - 10

Type of Gauge Glaisher (Shuttleworth 174)  
(6 ft 6 in)

Annual Average 29.7 in. based on 35 years obs un-weighted. Period of average 1881-1915 Ref. S

4624/30

| Diameter  | 5.    |       |       |       |       |       |       |       |       |       |              |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|
| Height    | 0.10  |       |       |       |       |       |       |       |       |       |              |
| Altitude  | 300.  |       |       |       |       |       |       |       |       |       |              |
| Year      | 1931  | 1932  | 1933  | 1934  | 1935  | 1936  | 1937  | 1938  | 1939  | 1940  | Means-Totals |
| January   | 2.30  | 2.19  | 1.67  | 2.16  | 1.50  | 4.59  | 3.78  | 4.82  | 5.60  | 7.48  | 29.09        |
| February  | 2.30  | 1.34  | 3.67  | 2.22  | 3.40  | 3.42  | 5.45  | 1.85  | 3.06  | 1.92  | 25.63        |
| March     | .96   | 1.96  | 2.25  | 2.63  | 1.05  | 3.14  | 2.85  | .18   | 2.73  | 2.16  | 19.91        |
| April     | 3.71  | 3.32  | 1.58  | 3.32  | 1.17  | 2.04  | 3.39  | .07   | 1.35  | 4.31  | 24.26        |
| May       | 3.10  | 5.28  | 2.87  | 1.47  | 1.10  | 3.16  | 3.49  | 3.36  | 1.83  | 1.80  | 26.46        |
| June      | 5.43  | .80   | 1.66  | 2.12  | 2.82  | 5.09  | 2.08  | 2.39  | 2.00  | 2.4   | 24.63        |
| July      | 3.79  | 3.76  | 2.00  | 1.66  | .61   | 3.53  | 2.39  | 4.15  | 5.88  | 6.72  | 34.49        |
| August    | 3.55  | 1.80  | 0.59  | 1.26  | 2.13  | 2.13  | .80   | 5.04  | 1.87  | 1.46  | 19.63        |
| September | 6.08  | 3.08  | 1.80  | 1.75  | 7.01  | 2.69  | 1.38  | 2.76  | 1.09  | 2.30  | 29.74        |
| October   | 1.09  | 3.70  | 3.97  | 2.07  | 6.80  | 2.13  | 2.82  | 5.09  | 2.47  | 3.88  | 34.02        |
| November  | 5.20  | 2.12  | 2.87  | 2.31  | 7.11  | 3.58  | 2.22  | 4.05  | 4.95  | 5.07  | 39.48        |
| December  | 1.13  | 1.26  | 0.46  | 6.22  | 3.46  | 2.47  | 2.60  | 4.24  | 2.09  | 3.23  | 27.15        |
| TOTALS    | 38.64 | 29.61 | 25.38 | 27.19 | 38.16 | 37.97 | 33.25 | 38.00 | 34.92 | 31.57 | 334.69       |
|           | D     | D     | D     | D     | D     | D     | D     | D     | D     | D     | D            |

Glasshouses 25' high 20' N.  
1940 " " 12 yds N.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 |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|
| 1931  |         |       | Arthington       | 3 miles             | W         | Harewood       | 1 mile              |

Station No. TF 3313

41

## RAINFALL at Adel (Except East)

County of West Riding

Observer K. L. Forster Esq., C.E.

River Basin Ouse Wharfe - 1.0

Type of Gauge

Annual Average 29.3 in. based on 45 years obs. un-weighted. Period of average 1881-1915 Ref. S

~~X X X X X X X File No. 7809.92/27~~

| Diameter  | 8"    | 063   | 515   | 5"    |       |       | 5"    |       |       |       |                  |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------|
| Height    | 0' 9" |       |       | 1     |       |       |       |       |       |       |                  |
| Altitude  | 375'  |       |       | 41    |       |       |       |       |       |       |                  |
| Year      | 1941  | 1942  | 1943  | 1944  | 1945  | 1946  | 1947  | 1948  | 1949  | 1950  | 1941-50<br>Means |
| January   | 4.63  | 3.77  | 3.15  | 3.17  | 3.34  | 3.08  | 2.98  | 6.18  | 1.14  | 1.67  | 33.71            |
| February  | 3.43  | 1.28  | .85   | 1.34  | 3.18  | 3.14  | 4.98  | 1.74  | 1.46  | 5.12  | 26.57            |
| March     | 3.76  | 2.45  | .66   | .25   | .63   | 1.41  | 5.51  | 1.16  | 1.22  | 1.01  | 18.06            |
| April     | 2.26  | 1.56  | 1.49  | 1.74  | 1.84  | 1.86  | 3.27  | 2.00  | 2.73  | 3.07  | 21.82            |
| May       | 1.62  | 3.06  | 2.13  | 1.16  | 2.92  | 2.62  | 4.27  | 1.12  | 2.14  | 1.92  | 22.96            |
| June      | .20   | .91   | 2.16  | 2.38  | 2.98  | 1.71  | 3.32  | 3.43  | .68   | 1.16  | 18.92            |
| July      | 2.44  | 2.22  | 1.21  | 2.61  | 1.90  | 3.72  | 3.46  | 1.02  | 2.50  | 3.22  | 24.30            |
| August    | 2.01  | 3.27  | 3.01  | 2.72  | 2.51  | 4.60  | 3.36  | 4.45  | 2.13  | 5.87  | 31.23            |
| September | .48   | 1.98  | 3.16  | 4.12  | 1.89  | 4.27  | 1.40  | .96   | 1.18  | 3.08  | 22.52            |
| October   | 3.06  | 2.59  | 1.51  | 2.74  | 3.94  | 1.13  | 1.19  | 1.10  | 3.80  | 1.62  | 22.18            |
| November  | 2.71  | 1.33  | 1.93  | 4.03  | .46   | 5.70  | 2.20  | 1.08  | 4.77  | 4.62  | 28.89            |
| December  | .68   | 1.74  | 1.33  | 3.75  | 1.95  | 2.87  | 2.76  | 2.69  | 3.73  | 2.17  | 23.67            |
| TOTALS    | 28.14 | 26.16 | 23.19 | 30.01 | 27.54 | 36.11 | 35.70 | 26.98 | 26.98 | 34.02 | 294.83           |

New 5" gauge installed 4.12.44

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 | Parish Church. | Distance from gauge | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
|       |         |       |                  |                     |           |                |                     |           |

Station No. 3315

## RAINFALL at Harewood House.

41

County of Yorks W.R. Observer D. M. G. G. of Harewood  
 River Basin. Onse. Harewood. Earl of Harewood  
 Type of Gauge. Howard

Annual Average 29.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 4624/30

| Diameter  | 5"     | 063   | 554   |       |       |       |         |       |       |       |        |
|-----------|--------|-------|-------|-------|-------|-------|---------|-------|-------|-------|--------|
| Height    | 6' 10" |       |       | 1     |       |       |         |       |       |       |        |
| Altitude  | 300'   |       | 41    |       |       |       |         |       |       |       |        |
| Year      | 1941   | 1942  | 1943  | 1944  | 1945  | 1946  | 1947    | 1948  | 1949  | 1950  | Means  |
| January   | 3.72   | 2.82  | 3.86  | 3.31  | 2.59  | 2.63  | 2.17    | 6.45  | .93   | 1.40  | 29.88  |
| February  | 3.75   | 1.00  | 1.10  | 1.19  | 3.08  | 3.36  | (3.50)  | 1.64  | 1.32  | 4.43  | 24.37  |
| March     | 4.33   | 2.97  | .84   | .37   | .43   | 1.51  | 5.52    | .98   | .81   | 1.19  | 18.05  |
| April     | 2.83   | 1.44  | 1.54  | 2.00  | 1.66  | 1.92  | 2.78    | 2.03  | 2.40  | 2.85  | 21.15  |
| May       | 1.93   | 3.20  | 2.33  | .99   | 2.36  | 2.53  | 3.22    | 1.02  | 1.94  | 1.74  | 21.26  |
| June      | .20    | 1.14  | 1.96  | 2.13  | 2.81  | 1.71  | 3.51    | 3.67  | .64   | 1.18  | 19.01  |
| July      | 2.49   | 2.23  | 1.14  | 3.00  | 2.63  | 3.90  | 3.37    | 1.05  | 2.38  | 2.82  | 24.71  |
| August    | 2.81   | 3.00  | 3.02  | 3.60  | 2.82  | 4.22  | 4.44    | 4.96  | 1.91  | 5.05  | 31.83  |
| September | .44    | 1.91  | 3.03  | 5.32  | 1.96  | 4.12  | 1.46    | .86   | 1.14  | 2.85  | 23.12  |
| October   | 3.79   | 2.24  | 1.63  | 2.91  | 3.96  | 1.11  | 1.39    | 1.10  | 3.34  | 1.52  | 22.99  |
| November  | 3.18   | 1.22  | 2.14  | 4.21  | .27   | 5.76  | 1.84    | 1.03  | 5.25  | 4.42  | 29.32  |
| December  | .69    | 1.95  | 1.45  | 3.18  | 1.73  | 2.49  | 2.66    | 2.82  | 3.80  | 1.84  | 22.61  |
| TOTALS    | 29.86  | 24.22 | 24.04 | 32.27 | 26.30 | 35.26 | (31.86) | 27.61 | 25.89 | 20.99 | 288.20 |

941 Glasshouse 20' high 25° N. Shed 12' high 14° S. Wood 100' high 100° E.

Gauge moved February 20th 40' N. ~~height of 25.7 after 1941 move~~

1947. Feb. extra for snow. Garden wall 15' high 100° W. Glass house 15' high 20° N. Garden walls have 15° S.

20004

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 |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1941  |         |       | Arthington       | 3 1/2 mb.           | W.        | Harewood       | 1 mb.               | N.E.      |

## RAINFALL at Adel (Except East)

County of West Riding - Yorks.

Observer

H. D. Forster Esq. C.E.

River Basin. Ouse. Wharfe - 10

M.O.

Type of Gauge.

Annual Average 29.3 in. based on 45 years obs. un-weighted. Period of average 1881-1915 Ref. S  
 " 32.21 " 13 " 1942-57 " " 1916-52 Ref. S E23380/58  
 File No. 7802927

|               |       |       |       |       |       |       |       |       |       |       |              |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|
| Diameter ...  | 5"    |       | 063   | 515   |       |       |       |       |       |       |              |
| Height ...    | 0' 9" |       |       | 1     |       |       |       |       |       |       | 1' 0"        |
| Altitude ...  | 375'  |       |       | 51    |       |       |       |       |       |       |              |
| Year ...      | 1951  | 1952  | 1953  | 1954  | 1955  | 1956  | 1957  | 1958  | 1959  | 1960  | Means-Totals |
| January ...   | 2.69  | 2.57  | .57   | 2.33  | 2.30  | 4.60  | 1.67  | 2.43  | 2.93  | 5.42  | 27.51        |
| February ...  | 3.32  | .51   | 2.01  | 2.92  | 2.36  | 1.76  | 3.02  | 4.95  | 1.12  | 2.25  | 32.22        |
| March ...     | 3.52  | 2.10  | .61   | 1.89  | 2.50  | 1.08  | 1.97  | 2.07  | 1.53  | 2.40  | 19.73        |
| April ...     | 1.27  | 1.16  | 2.55  | .19   | .89   | 2.65  | .25   | .61   | 4.04  | 1.04  | 14.65        |
| May ...       | 6.26  | 2.02  | 1.71  | 3.64  | 3.06  | .78   | 1.49  | 3.54  | 1.01  | 0.90  | 24.41        |
| June ...      | .73   | 2.05  | 1.92  | 1.87  | 1.64  | 2.82  | 1.60  | 3.76  | 1.48  | 1.11  | 18.98        |
| July ...      | 3.08  | 1.05  | 3.14  | 1.43  | .95   | 3.88  | 5.06  | 4.46  | 1.85  | 5.45  | 30.35        |
| August ...    | 5.63  | 2.72  | 3.38  | 7.01  | 1.01  | 6.09  | 4.63  | 2.73  | 1.14  | 3.40  | 37.74        |
| September ... | 2.56  | 3.57  | 2.02  | 2.59  | 1.44  | 3.53  | 4.21  | 3.05  | .21   | 3.61  | 26.79        |
| October ...   | 1.20  | 4.08  | 2.02  | 4.40  | 2.17  | 1.56  | 2.39  | 1.83  | 2.55  | 5.37  | 27.57        |
| November ...  | 7.01  | 1.65  | 3.01  | 5.10  | 2.81  | .62   | 1.91  | .57   | 3.89  | 5.47  | 32.04        |
| December ...  | 3.05  | 2.39  | 1.53  | 3.18  | 4.16  | 3.14  | 3.48  | 4.27  | 4.81  | 2.85  | 32.86        |
| TOTALS ...    | 40.32 | 25.87 | 24.47 | 36.55 | 25.29 | 32.51 | 31.68 | 34.27 | 25.56 | 39.33 | 315.85       |

High. 511908 f. 80°K. True 50°; 80°SW, 70°E ± 10°ESE. True 0°SW EWSW will over-shoot  
etc. Seek in seam of funnel

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference SE 307418

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-Rejected

| Record<br>D. or d | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|-------------------|---------|---------|---------|---------|---------|
|                   | ✓       | ✓       | ✓       | ✓       | ✓       |

Station No. 3315

51

RAINFALL at Harewood House,

County of West Riding - Yorks.

Observer Earl of Harewood

River Basin. Ouse - Wharf - 10.

Type of Gauge. Howard BP 151

Annual Average 29.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S  
 " 32.37 " 36 " within 1916-57 " 1916-50 " S  
 File No. 4624730

| Diameter ... | <b>5"</b>     | 63           | 554          |              |              |       |              |              |              |              |               |
|--------------|---------------|--------------|--------------|--------------|--------------|-------|--------------|--------------|--------------|--------------|---------------|
| Height ...   | <b>0' 10"</b> |              | 1            |              |              | 1' 4" |              |              |              |              |               |
| Altitude ... | <b>300'</b>   |              | 51           |              |              |       |              |              |              |              |               |
| Year ...     | 1951          | 1952         | 1953         | 1954         | 1955         | 1956  | 1957         | 1958         | 1959         | 1960         | Means         |
| January      | 2.41          | 2.47         | .59          | 2.31         | <b>2.04</b>  | 3.80  | 1.14         | 3.30         | 2.92         | 5.54         | 26.52         |
| February     | 3.33          | 0.63         | 1.73         | 2.98         | <b>1.60</b>  | 1.50  | 2.17         | 4.49         | .14          | 0.64         | 20.11         |
| March        | 3.53          | <b>2.15</b>  | .60          | 1.56         | <b>3.18</b>  | .87   | 2.05         | 1.84         | 1.70         | 1.80         | 19.28         |
| April        | 1.49          | <b>1.06</b>  | 2.45         | .15          | <b>.73</b>   | 3.25  | .25          | .65          | 4.12         | 1.01         | 15.16         |
| May          | 6.07          | <b>2.16</b>  | 1.55         | 4.23         | <b>3.63</b>  | .83   | 1.22         | 4.33         | .92          | 0.95         | 25.89         |
| June         | .56           | <b>2.68</b>  | 1.84         | 1.89         | <b>1.74</b>  | 3.25  | 2.03         | 4.37         | 1.26         | 0.86         | 20.48         |
| July         | 2.72          | <b>1.15</b>  | 3.28         | 1.27         | <b>.70</b>   | 4.17  | 4.09         | 3.64         | 1.67         | 4.80         | 27.49         |
| August       | 5.23          | <b>2.69</b>  | 3.60         | 6.30         | <b>1.09</b>  | 7.09  | 5.04         | 2.44         | 1.06         | 3.60         | 38.14         |
| September    | 2.36          | <b>3.20</b>  | 1.55         | 2.30         | <b>1.51</b>  | 3.62  | 5.15         | 3.32         | .17          | 3.96         | 27.14         |
| October      | 1.33          | <b>4.16</b>  | 2.27         | 4.29         | <b>1.84</b>  | 1.68  | 2.17         | 2.04         | 2.75         | 5.73         | 28.36         |
| November     | 7.03          | <b>1.68</b>  | 3.07         | 5.61         | <b>3.14</b>  | .73   | 1.69         | .97          | 4.04         | 6.11         | 34.07         |
| December     | 2.68          | <b>2.42</b>  | 1.57         | 3.21         | <b>3.03</b>  | 3.23  | 3.29         | 4.11         | 5.26         | 2.63         | 31.43         |
| TOTALS ...   | <b>38.74</b>  | <b>26.35</b> | <b>24.10</b> | <b>36.10</b> | <b>24.33</b> | 34.02 | <b>31.89</b> | <b>35.50</b> | <b>26.01</b> | <b>37.63</b> | <b>314.07</b> |
|              | D             | D            | d            | d            | d            | d     | D            | D            | D            | d            |               |

1951. glasshouses 15' high 10° N. West 90° high 50° N.E. walls 10' high 50° W.S.E.  
 1956. Glasshouses 20' at 20° N., lake at 100° E, long grass 80' at 200° W.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference SE 644 308442

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Parish Church. | Distance from gauge |
|-------|---------|-------|------------------|---------------------|----------------|---------------------|
| 1951  |         |       | Attingham        | 4m. W.              | Harewood       | 1m. NE.             |

Summary of Earlier Records from 10-year Sheets :

| Record D, or d |  | 1910-19 183 | 1920-30 183 | 1931-40 183     | 1941-50 183        | 1951-60 |
|----------------|--|-------------|-------------|-----------------|--------------------|---------|
|                |  | ✓           | ✓           | ✓<br>↓ about 37 | ✓<br>↓ about 41-43 |         |