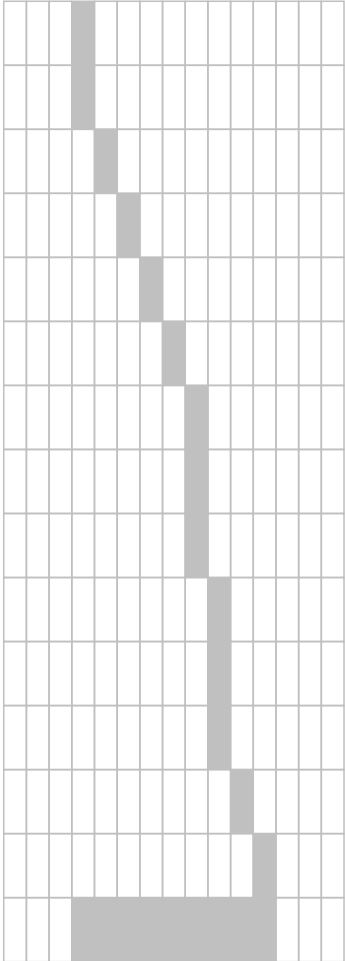


| | |
|--------------------------------------|---------|
| TYRain_1840-1849_E_pt1-page-038.jpg | Page 2 |
| TYRain_1840-1849_E_pt1-page-041.jpg | Page 3 |
| TYRain_1850-1859_F_pt1-page-123.jpg | Page 4 |
| TYRain_1860-1869_04_pt3-page-019.jpg | Page 5 |
| TYRain_1870-1879_07_pt4-page-030.jpg | Page 6 |
| TYRain_1880-1889_09_pt1-page-179.jpg | Page 7 |
| TYRain_1890-1899_15_pt1-page-220.jpg | Page 8 |
| TYRain_1890-1899_21_pt1-page-042.jpg | Page 9 |
| TYRain_1890-1899_21_pt1-page-043.jpg | Page 10 |
| TYRain_1900-1909_19_pt1-page-099.jpg | Page 11 |
| TYRain_1900-1909_24_pt1-page-017.jpg | Page 12 |
| TYRain_1900-1909_24_pt1-page-018.jpg | Page 13 |
| TYRain_1910-1919_17_pt1-page-254.jpg | Page 14 |
| TYRain_1920-1930_19_pt1-page-148.jpg | Page 15 |
| MANCHESTER-FAIRFIELD.png | Page 16 |



Fairfield

E x

40

4 m E of Manchester

Society's gauge

Float B.A.I

+ ground 1 ft.

+ Sea Level 320 ft

| YEAR - - | 1840 | 1841 | 1842 | 1843 | 1844 | 1845 | 1846 | 1847 | 1848 | 1849 | MEANS. |
|--------------|------|------|------|------|------|-------|-------|-------|------|------|--------|
| January - - | | | | | | 1.8 | 3.3 | 1.5 | | | |
| February - - | | | | | | 1.7 | 1.3 | 3.0 | | | |
| March - - - | | | | | | 3.0 | 1.7 | .8 | | | |
| April - - - | | | | | | 2.2 | 3.0 | 3.3 | | | |
| May - - - - | | | | | | 1.1 | 9 | 5.1 | | | |
| June - - - - | | | | | | 3.7 | 2.4 | 3.3 | | | |
| July - - - - | | | | | | 3.4 | 3.9 | .95 | | | |
| August - - - | | | | | | 6.7 | 3.6 | 3.7 | | | |
| September - | | | | | | 2.8 | .8 | 5.5 | | | |
| October - - | | | | | | 3.7 | 4.7 | 4.8 | | | |
| November - | | | | | | 2.8 | 3.1 | 3.5 | | | |
| December - | | | | | | 6.0 | 1.5 | 5.3 | | | |
| TOTALS - | | | | | | 38.90 | 30.20 | 40.75 | | | |

C C C

Mean Mean 7.58

Fairfield 4 m E of Manchester
(Ashton to Peak Forest Canal)

40
C 50 122

Gauge a few feet above ground + Sea Level 320 ft.

| YEAR - - | 1840 | 1841 | 1842 | 1843 | 1844 | 1845 | 1846 | 1847 | 1848 | 1849 | MEANS. |
|--------------|-------|------|------|------|------|-------|-------|-------|------|------|--------|
| January - - | 2.06 | | | | | 2.2 | 3.6 | 1.5 | | | |
| February - - | .75 | | | | | 1.6 | 1.3 | 2.9 | | | |
| March - - - | .25 | | | | | 3.6 | 1.7 | .8 | | | |
| April - - - | .38 | | | | | 1.9 | 3.0 | 2.2 | | | |
| May - - - - | 2.97 | | | | | 1.3 | .9 | 4.95 | | | |
| June - - - - | 2.55 | | | | | 4.2 | 2.9 | 3.2 | | | |
| July - - - - | 4.07 | | | | | 3.6 | 3.9 | 1.0 | | | |
| August - - - | 4.55 | | | | | 7.3 | 3.6 | 4.0 | | | |
| September - | 2.99 | | | | | 3.0 | .8 | 5.5 | | | |
| October - - | 1.80 | | | | | 3.7 | 5.3 | 4.9 | | | |
| November - | 3.29 | | | | | 3.0 | 3.7 | 3.5 | | | |
| December - | .42 | | | | | 7.10 | 2.1 | 5.2 | | | |
| TOTALS | 26.08 | | | | | 42.50 | 32.00 | 39.65 | | | |

0 Mean Mem 7.32

" " 7.58

50

Fairfield
M. S. & L. R.

312 ft + msl

| YEAR - - | 1850 | 1851 | 1852 | 1853 | 1854 | 1855 | 1856 | 1857 | 1858 | 1859 | MEANS. |
|--------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| January - - | | | 5.10 | 3.03 | 3.05 | .07 | 2.16 | 3.01 | 2.00 | 2.86 | |
| February - - | | | 5.00 | 1.00 | 2.09 | .02 | 3.50 | 1.08 | .01 | 1.62 | |
| March - - - | | | .60 | 1.12 | 1.40 | 1.06 | .15 | 2.03 | 2.00 | 4.20 | |
| April - - - | | | .50 | .68 | .15 | .09 | 2.00 | 2.01 | 2.83 | 3.09 | |
| May - - - - | | | 1.70 | 1.07 | 1.09 | 1.01 | 2.03 | 1.07 | 2.39 | .28 | |
| June - - - - | | | 4.40 | 5.05 | 2.02 | 4.05 | 2.09 | 2.04 | 1.69 | 2.49 | |
| July - - - - | 3.20 | 3.80 | 3.04 | 3.00 | 1.29 | 3.04 | 4.00 | 2.63 | 2.79 | | |
| August - - - | 3.60 | 3.09 | 2.04 | 1.17 | 2.18 | 5.04 | 3.09 | 3.20 | 7.28 | | |
| September - | 1.30 | 2.04 | 3.30 | 1.17 | 1.20 | 3.01 | 2.05 | 3.02 | 6.13 | | |
| October - - | 3.90 | 3.08 | 3.07 | 3.02 | 5.50 | 2.04 | 1.04 | 4.28 | 3.03 | | |
| November - | 1.90 | 5.10 | 3.02 | 3.01 | 1.00 | 3.08 | 2.04 | 1.34 | 2.75 | | |
| December - | 2.10 | 5.05 | .07 | 5.01 | 1.10 | 3.07 | 1.05 | 3.72 | 3.16 | | |
| TOTALS - | | | 39.40 | 26.49 | 25.18 | 18.57 | 31.21 | 24.57 | 29.11 | 39.68 | |

7 M. S. & L. R. ppr

60

Fairfield
M S & L R

+ Ground 6 ft 312 ft + m s l

| YEAR - - | 1860 | 1861 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | MEANS. |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| January - - | 3.59 | .41 | 2.81 | 6.00 | 1.87 | 3.65 | 4.63 | 4.01 | 2.95 | 2.99 | 3.291 |
| February - - | 1.01 | 2.70 | .81 | 1.35 | 4.50 | 3.02 | 3.75 | 3.45 | 2.66 | 3.93 | 2.718 |
| March - - - | 5.24 | 6.16 | 4.19 | .99 | 2.45 | 1.53 | 1.85 | 1.72 | 4.42 | 1.28 | 2.983 |
| April - - - | 1.38 | 1.45 | 3.20 | 2.09 | 1.53 | 1.56 | .30 | 5.43 | 2.10 | 2.15 | 2.119 - |
| May - - - - | 3.39 | 1.11 | 5.67 | 2.00 | 3.63 | 3.37 | 1.89 | 2.77 | 1.71 | 3.43 | 2.897 |
| June - - - - | 5.96 | 2.37 | 4.22 | 5.15 | 3.07 | .86 | 5.39 | 2.33 | .60 | 1.36 | 3.131 |
| July - - - - | 2.30 | 4.41 | 5.77 | 1.92 | 2.14 | 2.74 | 3.96 | 5.42 | .48 | 1.38 | 3.052 |
| August - - - | 5.64 | 3.38 | 3.05 | 5.86 | 3.06 | 5.08 | 6.03 | 2.31 | 2.87 | 2.84 | 4.012 |
| September - | 2.91 | 4.95 | 4.85 | 7.40 | 4.97 | .84 | 7.45 | 2.59 | 1.67 | 6.92 | 4.455 + |
| October - - - | 4.66 | 1.57 | 6.12 | 6.91 | 2.14 | 6.62 | 2.78 | 4.42 | 5.65 | 3.67 | 4.454 |
| November - - | 3.05 | 5.05 | 1.79 | 3.81 | 3.88 | 3.37 | 6.72 | 2.33 | 2.99 | 5.08 | 3.807 |
| December - - | 2.97 | 2.20 | 3.85 | 3.92 | 2.20 | .99 | 5.14 | 4.17 | 9.47 | 4.88 | 3.979 |
| TOTALS - | 42.10 | 35.76 | 46.33 | 47.40 | 35.44 | 33.63 | 49.89 | 40.95 | 37.57 | 39.91 | 40.898 |

1868 Average (17 yr) 35.59

70

RAINFALL AT *Manchester Fairfield*

Lat.....

Lon.....

County of.....

Lancashire

Rain Gauge, by.....

Observer

M 18 1/2

| | | | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter | .9 | . | | | | | | | | | |
| Height | 6 | . | . | | | | | | | | |
| Altitude | 3 1/2 | . | . | | | | | | | | |
| YEAR | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 3.52 | 1.22 | 4.65 | 3.69 | 3.99 | 4.06 | 1.87 | 5.21 | 4.09 | 1.30 | 3.360 |
| February..... | .84 | 2.62 | 3.76 | .41 | 1.65 | .69 | 3.52 | 4.35 | 1.16 | 2.41 | 2.141 |
| March..... | 2.04 | 1.20 | 3.67 | 2.91 | 3.73 | .55 | 3.50 | 2.75 | 1.83 | 1.39 | 2.337 |
| April..... | 2.16 | 3.57 | 3.31 | .40 | 1.10 | 1.12 | 2.76 | 2.17 | 1.51 | 1.71 | 1.981 |
| May..... | 1.33 | 2.36 | 2.46 | 2.45 | 1.82 | 2.03 | 1.01 | 2.94 | 3.21 | 2.01 | 2.162 |
| June..... | 1.81 | 4.52 | 7.65 | 2.61 | 1.14 | 3.44 | 3.39 | 2.68 | 2.61 | 4.56 | 3.441 |
| July..... | 1.76 | 5.08 | 10.06 | 4.94 | 1.52 | 4.26 | 3.22 | 5.58 | .56 | 3.81 | 4.079 |
| August..... | 2.06 | 2.01 | 2.90 | 4.77 | 3.44 | 2.84 | 3.45 | 4.72 | 6.01 | 5.49 | 3.769 |
| September..... | 3.06 | 3.54 | 7.60 | 2.59 | 4.54 | 4.79 | 3.58 | 2.65 | 4.25 | 2.98 | 3.958 |
| October..... | 10.52 | 5.47 | 5.06 | 5.12 | 3.57 | 4.52 | 2.56 | 3.81 | 3.29 | 2.34 | 4.626 |
| November..... | 2.74 | 1.84 | 4.46 | 2.26 | 4.39 | 4.21 | 3.40 | 5.46 | 2.66 | 1.28 | 3.270 |
| December..... | 1.60 | 2.87 | 2.85 | .93 | 2.88 | 1.16 | 5.03 | 3.49 | 2.41 | 1.95 | 2.517 |
| TOTALS | 33.44 | 36.30 | 58.43 | 33.08 | 33.77 | 33.67 | 37.29 | 45.81 | 38.59 | 31.23 | 37.661 |

C C C

RAINFALL AT

Manchester, Fairfield

80

Lat.

Lon.

County of

Lancashire

Rain Gauge, by

Observer

M. S. & L. Co.

Mersey - Inwell 3

| | | | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter | 9 | | | | | | | | | | |
| Height | 6.0 | | | | | | | | | | |
| Altitude | 312 T | | | | | | | | | | |
| Year | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | 1888 | 1889 | MEANS. |
| January | 1.46 | .82 | 2.88 | 3.99 | 5.09 | 1.91 | 5.87 | 2.69 | 2.09 | 1.59 | 2.839 |
| February | 2.39 | 5.41 | 2.55 | 1.90 | 2.16 | 2.68 | .75 | .64 | 1.51 | 1.63 | 2.162 |
| March | 2.20 | 4.27 | 2.78 | 1.23 | 2.17 | 2.22 | 3.20 | 1.84 | 2.21 | 3.59 | 2.571 |
| April | 1.50 | 1.39 | 3.52 | 1.88 | 1.02 | 1.42 | 2.15 | 1.38 | 2.10 | 2.17 | 1.853 |
| May | 2.18 | 3.82 | 1.79 | 1.25 | 1.58 | 1.59 | 6.02 | 2.20 | 1.23 | 2.23 | 2.389 |
| June | 2.27 | 2.13 | 7.52 | 4.92 | .83 | 3.90 | 1.58 | .97 | 3.29 | .96 | 2.837 |
| July | 5.88 | 2.35 | 5.40 | 2.14 | 4.73 | 1.63 | 4.82 | 1.14 | 8.41 | 3.59 | 4.009 |
| August | 2.45 | 4.87 | 3.02 | 3.55 | 1.82 | 1.52 | 2.30 | 1.47 | 3.96 | 6.69 | 3.165 |
| September | 4.78 | 2.44 | 2.22 | 5.49 | 2.68 | 4.73 | 4.14 | 4.91 | 1.79 | 2.77 | 3.595 |
| October | 2.54 | 2.80 | 3.20 | 5.25 | 2.16 | 5.88 | 6.04 | 2.11 | 1.79 | 2.92 | 3.469 |
| November | 3.48 | 3.55 | 5.90 | 3.28 | 2.03 | 2.99 | 2.49 | 1.67 | 5.03 | 1.99 | 3.241 |
| December | 5.67 | 4.26 | 5.99 | 3.03 | 4.16 | 2.06 | 4.40 | 2.76 | 2.63 | 2.77 | 3.773 |
| TOTALS | 36.80 | 38.11 | 46.77 | 37.91 | 30.43 | 32.53 | 43.76 | 23.78 | 36.04 | 32.90 | 35.903 |

RAINFALL AT Manchester Fairfield

Lat.

Lon.

County of Lancashire

Rain Gauge, by

Observer M. S. L. R. C.Mersey - Jewell 3

| | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Diameter | 9 | | | | | | | | | | | |
| Height | 6 0 | | | | | | | | | | | |
| Altitude | 312 T | | | | | | | | | | | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. | |
| January | 3.77 | 3.03 | 3.90 | 1.27 | 2.71 | 2.50 | 1.45 | 1.44 | 2.27 | 4.20 | 2.654 | |
| February | .47 | .37 | 2.63 | 3.75 | 4.88 | .40 | 1.89 | 2.33 | 2.33 | 1.24 | 2.029 | |
| March | 3.38 | 1.45 | 1.19 | .55 | 3.57 | 3.29 | 4.62 | 2.90 | 1.67 | 1.86 | 2.4118 | |
| April | .91 | 1.78 | 1.51 | .68 | 1.91 | 1.51 | 1.56 | 2.58 | 2.18 | 2.79 | 1.741 | |
| May | 3.19 | 2.55 | 4.23 | 2.76 | 2.92 | .87 | .47 | 1.98 | 3.27 | 2.50 | 2.474 | |
| June | 3.72 | 2.70 | 3.76 | 1.86 | 3.34 | 2.45 | 2.86 | 3.33 | 2.96 | 2.11 | 2.909 | |
| July | 2.69 | 3.27 | 3.27 | 3.72 | 2.63 | 6.11 | 2.14 | 1.44 | .61 | 1.52 | 2.740 | |
| August | 4.74 | 7.47 | 4.78 | 2.83 | 4.11 | 4.55 | 2.77 | 3.45 | 5.49 | 1.79 | 4.198 | |
| September.... | 1.23 | 3.36 | 4.05 | 4.54 | .82 | 1.35 | 4.97 | 4.12 | .60 | 4.62 | 2.966 | |
| October | 2.42 | 5.38 | 4.82 | 2.51 | 3.98 | 3.63 | 5.11 | 1.87 | 3.73 | 3.33 | 3.678 | |
| November.... | 4.54 | 2.75 | 3.04 | 2.64 | 2.09 | 2.50 | 1.25 | 4.56 | 1.90 | 1.30 | 2.659 | |
| December | .37 | 5.88 | 2.52 | 3.54 | 2.12 | 3.69 | 4.06 | 3.77 | 3.94 | 2.88 | 2.877 | |
| TOTALS | 31.43 | 39.99 | 39.70 | 30.65 | 36.08 | 32.85 | 33.15 | 33.77 | 30.95 | 30.14 | 33.871 | |

1860

RAINFALL AT

Fairfield

Lat.

Lon.

County of

Westmoreland

Rain Gauge, by

Observer

J. A. Green Esq

Leven - 2

| | | | | | | | | | | | |
|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|---------|--------|
| Diameter | | 5 | | | | | | | | | |
| Height | | 1 0 | | | | | | | | | |
| Altitude | | 2860 | | | | | | | | | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. |
| January | | 7.00 | 6.84 | 5.14 | 12.25 | | 6.04 | | 6.80 | 17.90 | |
| February | | .75 | 3.20 | 12.84 | 11.85 | 13.05 | 4.34 | 25.80 | | 6.42 | |
| March | | 4.25 | 2.29 | 4.99 | 4.01 | 18.05 | 7.87 | | 15.04 | 4.08 | |
| April | | 4.70 | 1.26 | .58 | 3.18 | 5.00 | 2.05 | 3.24 | 7.27 | 8.26 | |
| May | | 3.66 | 7.40 | 4.29 | 6.57 | .82 | .58 | 3.13 | 3.54 | 6.91 | |
| June | | 2.93 | 6.38 | 4.63 | 4.76 | 2.00 | 5.89 | 5.16 | 5.84 | 2.47 | |
| July | | 7.08 | 5.85 | 7.10 | 5.07 | 9.46 | 5.76 | 3.71 | 1.98 | 5.95 | |
| August | | 18.77 | 11.57 | 8.65 | 8.78 | 9.37 | 5.20 | 15.41 | 10.65 | 2.82 | |
| September.... | | 13.35 | 12.85 | 7.68 | .81 | 3.88 | 13.00 | 10.48 | 5.42 | 9.53 | |
| October | | 11.85 | 9.82 | 8.28 | 9.80 | 6.79 | 7.91 | 6.73 | 7.23 | 9.60 | |
| November.... | | 7.84 | 8.32 | 5.13 | 12.56 | 10.27 | 2.60 | 9.65 | 9.35 | 14.44 | |
| December | | 16.70 | 3.60 | 10.66 | 7.76 | 6.45 | 8.00 | 13.81 | 14.75 | 5.23 | |
| TOTALS | | 98.88 | 79.38 | 79.97 | 87.40 | 67.09 | 69.24 | 97.12 | 87.87 | (93.61) | |

1891 St Oswalds Church 3 Miles S

1899 Oct-Nov+Dec: amounts are taken from 8" gauge as the
com of gauge was leaking.

RAINFALL AT

Fairfield

Lat.

Lon.

County of Westmoreland

Rain Gauge, by

Observer

J. A. Green Esq

Leven - 2.

| | | | | | | | | | | | |
|---------------|--------|----------|-------|-------|-------|---------|-------|--------|-------|-------|----------|
| Diameter | 8 | | | | | | | | | | |
| Height | 10 | | | | | | | | | | |
| Altitude | 2860 T | | | | | | | | | | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. |
| January | 11.43 | 7.34 | 6.22 | 4.96 | 12.35 | | 5.85 | | 7.68 | 15.72 | |
| February | 1.15 | .88 | 2.97 | 12.84 | 12.49 | (13.05) | 4.51 | 25.80 | | 7.07 | |
| March | 5.75 | 2.71 | 1.82 | 4.99 | 3.62 | 18.05 | 8.35 | | 15.04 | 4.34 | 23.830 |
| April | 2.10 | 4.54 | .93 | .63 | 4.00 | (5.00) | 2.31 | 3.56 | 8.04 | 8.26 | |
| May | 5.30 | 3.91 | 7.84 | 4.48 | 7.21 | .70 | .51 | 3.13 | 3.65 | 7.66 | 4.439 |
| June | 8.55 | 3.39 | 6.60 | 4.91 | 5.21 | 2.00 | 6.00 | 5.59 | 6.65 | 2.52 | 5.142 |
| July | 8.05 | 7.20 | 5.85 | 7.60 | 5.62 | 9.85 | 5.76 | 3.71 | 2.17 | 6.33 | 6.214 |
| August | 8.65 | (18.77) | 12.31 | 9.66 | 8.89 | 9.79 | 5.62 | 16.10 | 9.52 | 2.93 | (10.224) |
| September.... | 8.40 | (13.35) | 13.47 | 7.76 | .72 | 3.97 | 13.18 | 10.90 | 6.06 | 8.31 | (8.612) |
| October | 5.75 | (13.20) | 10.42 | 9.18 | 10.99 | 6.75 | 10.20 | 7.37 | 8.60 | 9.60 | (9.206) |
| November.... | 15.10 | 10.35 | 9.20 | 5.22 | 13.23 | 10.98 | 3.16 | 11.06 | 9.92 | 14.44 | 10.266 |
| December | .97 | (16.70) | 2.84 | 10.66 | 8.35 | 6.30 | 10.00 | 15.33 | 14.75 | 5.23 | (9.113) |
| TOTALS | 81.20 | (102.34) | 80.47 | 82.89 | 92.68 | 68.39 | 75.45 | 102.55 | 92.08 | 92.41 | (84.046) |

1891 St Oswalds Church 3 Miles S

1891 Aug to Oct. & Dec. Gauge ran over; Aug. Sept. & Dec.
readings of 5 in. gauge.

RAINFALL AT *Manchester Fairfield*

Lat.

Lon.

County of *Lancashire South*

Rain Gauge, by

Observer *Gr. Central Railway Co**Messrs. Inwell & Co*

| | | | | | | | | | | | |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter .. | 9 | | | | | | | | | | |
| Height | 6.0 | | | | | | | | | | |
| Altitude .. | 312 T | | | | | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January .. | 4.40 | 1.66 | 2.61 | 2.66 | 2.70 | 1.85 | 4.51 | 1.38 | 2.38 | 1.58 | 2.573 |
| February .. | 2.76 | 1.60 | 1.12 | 2.82 | 3.22 | 1.65 | 2.94 | 1.72 | 2.61 | 1.52 | 2.196 |
| March | .73 | 2.28 | 1.71 | 3.60 | 1.93 | 3.71 | 2.84 | 2.60 | 2.29 | 2.90 | 2.459 |
| April | 2.63 | 2.28 | 1.98 | 1.75 | 2.21 | 2.57 | 1.78 | 1.39 | 2.20 | 3.20 | 2.199 |
| May | 1.54 | .83 | 3.13 | 3.33 | 2.94 | .71 | 3.08 | 3.88 | 2.39 | 1.60 | 2.343 |
| June | 3.88 | 1.46 | 1.07 | 1.41 | .73 | 2.83 | 1.17 | 5.03 | 1.81 | 2.98 | 2.237 |
| July | 2.98 | 3.75 | 2.04 | 3.38 | 1.07 | 2.26 | 1.83 | 3.23 | 4.47 | 5.18 | 3.019 |
| August | 5.83 | 1.62 | 3.26 | 4.04 | 4.35 | 4.83 | 2.85 | 3.69 | 2.56 | 3.34 | 3.637 |
| September.. | 1.34 | .70 | 1.14 | 4.64 | 1.41 | 2.36 | 1.43 | .91 | 3.45 | 2.28 | 1.966 |
| October.... | 4.48 | 2.81 | 4.16 | 6.59 | 1.43 | 2.51 | 5.87 | 3.61 | 1.55 | 4.94 | 3.795 |
| November.. | 2.32 | 4.28 | 1.65 | 3.34 | 2.64 | 2.81 | 3.03 | 2.23 | 2.29 | 1.11 | 2.570 |
| December .. | 4.07 | 4.90 | 2.24 | 1.09 | 2.63 | .66 | 3.67 | 2.94 | 2.42 | 6.05 | 3.067 |
| TOTALS .. | 36.96 | 28.17 | 26.11 | 38.65 | 27.26 | 28.75 | 35.00 | 32.61 | 30.42 | 36.68 | 32.061 |

H. G.

RAINFALL AT Fairfield

Lat.

Lon.

County of Westmorland

Rain Gauge, by

Observer J. A. Green EsqLeven - 2 - M

| | | | | | | | | | | | |
|-------------|-------------------|-------|------|------|------|------|------|------|------|------|--------|
| Diameter .. | 5 | | | | | | | | | | |
| Height | 1.0 | | | | | | | | | | |
| Altitude .. | 2860 ^T | | | | | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January | | 5.28 | 6.46 | | | | | | | | |
| February | 15.44 | 2.58 | 3.39 | | | | | | | | |
| March | | 6.98 | 5.81 | | | | | | | | |
| April | 7.54 | 4.69 | 4.28 | | | | | | | | |
| May | 4.63 | 3.00 | 4.07 | | | | | | | | |
| June | 7.43 | 4.49 | 1.80 | | | | | | | | |
| July | 3.50 | 1.52 | 5.25 | | | | | | | | |
| August | 12.59 | 10.37 | 5.55 | | | | | | | | |
| September | 7.40 | 7.85 | 4.85 | | | | | | | | |
| October | 13.32 | 8.55 | | | | | | | | | |
| November | 6.64 | 7.53 | | | | | | | | | |
| December | 17.06 | 9.73 | | | | | | | | | |
| TOTALS .. | 95.55 | 72.57 | | | | | | | | | |

1900 St Oswalds Church 3 miles S

RAINFALL AT

Fairfield

Lat.

Lon.

County of

Westmoreland

Rain Gauge, by

Observer

J. A. Green Esq

Lead

Seven - 2. M

| | | | | | | | | | | | |
|--------------|--------|-------|------|------|------|------|------|------|------|------|--------|
| Diameter .. | 8 | | | | | | | | | | |
| Height | 1.0 | | | | | | | | | | |
| Altitude .. | 2860 T | | | | | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January .. | | 4.38 | | | | | | | | | |
| February .. | 15.44 | 2.58 | | | | | | | | | |
| March | | 6.98 | | | | | | | | | |
| April | 7.59 | 4.19 | | | | | | | | | |
| May | 5.42 | 3.28 | | | | | | | | | |
| June | 8.43 | 4.99 | | | | | | | | | |
| July | 3.68 | 1.52 | | | | | | | | | |
| August | 12.10 | 10.37 | | | | | | | | | |
| September.. | 7.40 | 10.24 | | | | | | | | | |
| October | 12.66 | 8.55 | | | | | | | | | |
| November .. | 7.06 | 7.79 | | | | | | | | | |
| December .. | 17.06 | 6.20 | | | | | | | | | |
| TOTALS .. | 96.84 | 71.07 | | | | | | | | | |

1900 St Oswalds Church 3 miles S

10

RAINFALL at Manchester FairfieldCounty of South LancashireObserver Great Central Railway CoRiver Basin Messing Inwell 3

Rain Gauge, by _____

| | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter ... | 9 | | | | | | | | | | |
| Height | 6.0 | | | | | | | | | | |
| Altitude ... | 312 T | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. |
| January ... | 4.09 | 1.30 | 2.95 | 3.40 | 2.59 | 5.29 | 3.02 | 2.64 | 2.48 | 4.08 | |
| February ... | 3.17 | 3.41 | 1.14 | 1.22 | 1.96 | 2.70 | 4.43 | .83 | 1.85 | .89 | |
| March | .62 | 1.67 | 4.70 | 3.71 | 4.58 | 1.45 | 1.81 | 1.83 | 1.55 | 5.77 | |
| April | 2.28 | 2.43 | .76 | 4.08 | 1.41 | 1.39 | 2.16 | 1.47 | .85 | 1.97 | |
| May | 3.52 | 1.47 | 2.88 | 2.58 | 2.18 | 1.62 | 2.72 | 1.82 | 2.11 | 1.73 | |
| June | 3.24 | 2.62 | 4.42 | 2.33 | 2.46 | 2.45 | 3.14 | 2.79 | 2.61 | 1.35 | |
| July | 3.97 | .52 | 4.12 | 1.57 | 3.75 | 5.26 | 1.69 | 1.83 | 4.58 | 1.98 | |
| August | 5.63 | 2.72 | 5.89 | 2.42 | 3.19 | 4.51 | 2.16 | 5.67 | 3.59 | 3.18 | |
| September .. | .25 | 3.35 | 1.54 | 1.74 | 2.33 | .64 | 2.26 | 2.44 | 9.21 | 1.99 | |
| October ... | 3.16 | 2.43 | 4.05 | 1.62 | 1.83 | 1.35 | 4.40 | 5.22 | 3.10 | 2.05 | |
| November .. | 3.91 | 3.21 | 2.62 | 3.40 | 3.46 | 1.79 | 2.22 | 3.41 | 1.65 | 2.59 | |
| December ... | 3.01 | 5.11 | 4.22 | 2.30 | 5.35 | 5.59 | 2.82 | 2.01 | 7.53 | 5.75 | |
| TOTALS ... | 36.85 | 30.24 | 39.29 | 30.37 | 35.09 | 34.04 | 32.83 | 31.96 | 44.11 | 33.33 | |

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

Form B.R. H. 20.

20

RAINFALL at Manchester FairfieldCounty of S. LancashireObserver Great Central Railway CoRiver Basin Mersey-Inwell 3

Rain Gauge, by _____

| | | | | | | | | | | | |
|---------------|-------|-------|-------|------|------|------|------|------|------|------|--------|
| Diameter ... | 9 | | | | | | | | | | |
| Height | 6 0 | | | | | | | | | | |
| Altitude ... | 312 | | | | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | MEANS. |
| January ... | 4.09 | 5.47 | 2.86 | | | | | | | | |
| February ... | 3.64 | 3.32 | 4.35 | | | | | | | | |
| March | 3.05 | 2.81 | 2.28 | | | | | | | | |
| April | 3.98 | 1.24 | 2.87 | | | | | | | | |
| May | 5.64 | 2.50 | 1.47 | | | | | | | | |
| June | 2.67 | 3.34 | 2.58 | | | | | | | | |
| July | 7.39 | 1.39 | 4.47 | | | | | | | | |
| August | 2.32 | 5.11 | 4.27 | | | | | | | | |
| September... | 2.76 | 0.97 | 3.89 | | | | | | | | |
| October | 1.37 | 2.39 | 0.43 | | | | | | | | |
| November... | 1.27 | 2.28 | 2.77 | | | | | | | | |
| December... | 2.35 | 4.74 | 3.85 | | | | | | | | |
| TOTALS... | 40.53 | 29.56 | 36.09 | | | | | | | | |

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 |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
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METEOROLOGICAL OFFICE, AIR MINISTRY.

BRITISH RAINFALL ORGANIZATION, 62, CAMDEN SQUARE, LONDON, N.W.1.

(*1283) Wt. 1671—6014. 10,000. 4/21. J. T. & S., Ltd. 160.

