

# RAINFALL AT *Starrogate* = *Irongate* 80 Service Reservoir

Lat. .... Lon. .... County of *York* *WR*  
Rain Gauge, by .... Observer *E. W. Dixon Esq.*

*Case - Nidd - 71*

|                 |      |      |      |          |       |       |       |                           |                       |                           |        |
|-----------------|------|------|------|----------|-------|-------|-------|---------------------------|-----------------------|---------------------------|--------|
| Diameter ....   |      |      |      |          | 8     |       |       |                           | 8                     |                           |        |
| Height .....    |      |      |      |          | 2.6   |       |       |                           | 2.0                   | 3.6                       |        |
| Altitude ....   |      |      |      |          | 455   |       |       |                           | 455                   |                           |        |
| Year .....      | 1880 | 1881 | 1882 | 1883     | 1884  | 1885  | 1886  | 1887                      | 1888                  | 1889                      | MEANS. |
| January ....    |      |      |      |          | 4.47  | 1.94  | 2.65  | 1.33                      | .72                   | .78                       |        |
| February ....   |      |      |      |          | 2.25  | 2.28  | .46   | .54                       | .20                   | 1.01                      |        |
| March .....     |      |      |      |          | 2.05  | 1.57  | 1.72  | .81                       | 2.36                  | 1.63                      |        |
| April .....     |      |      |      |          | 2.30  | 1.36  | 2.00  | .62                       | 2.15                  | <del>1.98</del><br>2.48   |        |
| May .....       |      |      |      |          | 1.25  | 2.22  | 3.90  | 2.00                      | 1.00                  | <del>2.48</del><br>2.63   |        |
| June .....      |      |      |      |          | .58   | 2.45  | 1.10  | .01                       | 2.04                  | .53                       |        |
| July .....      |      |      |      |          | 4.02  | 1.11  | 3.15  | <del>1.50</del><br>1.05   | 5.00                  | 1.13                      |        |
| August .....    |      |      |      |          | 1.14  | 1.60  | 2.25  | <del>2.40</del><br>2.04   | 3.16                  | 3.47                      |        |
| September ..... |      |      |      |          | 1.70  | 3.67  | 1.72  | 3.26                      | <del>.76</del><br>.71 | .73                       |        |
| October ....    |      |      |      | <i>#</i> | 3.35  | 1.50  | 4.40  | 4.12                      | .49                   | 4.08                      |        |
| November ....   |      |      |      |          | 2.70  | 1.12  | 2.18  | 1.83                      | 2.50                  | .79                       |        |
| December ....   |      |      |      |          | .83   | 3.10  | .57   | 3.15                      | 1.84                  | 1.57                      |        |
| TOTALS ....     |      |      |      |          | 25.48 | 25.35 | 28.05 | <del>18.85</del><br>18.04 | 24.39<br>24.14        | <del>20.48</del><br>20.83 |        |

1889 House 30 ft high 450 ft N.W.W  
Tabulated from the Records at Starrogate by W. G. J. Symons  
1889 April Fall from 14th to 30th estimated

# RAINFALL AT *Starrogate Service Reservoir, Starrogate*

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

Lon. \_\_\_\_\_

County of *York W.R.*

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

Observer *E.W. Dixon Esq*

*Ruse Nidd 11*

|               |       |       |       |         |       |       |       |       |       |       |          |
|---------------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|----------|
| Diameter .... | 8     |       |       |         |       |       |       |       |       |       |          |
| Height .....  | 2 6   |       |       |         |       |       |       | 1 6   |       |       |          |
| Altitude .... | 455   |       |       |         |       |       |       |       |       |       |          |
| Year .....    | 1890  | 1891  | 1892  | 1893    | 1894  | 1895  | 1896  | 1897  | 1898  | 1899  | MEANS.   |
| January ....  | 3.78  | 1.29  | 1.12  | .72     | 3.51  | 3.16  | .81   | 1.82  | 1.36  | 3.80  | 2.137    |
| February .... | .83   | .01   | 2.02  | 3.01    | 5.67  | .23   | .66   | 2.78  | 1.70  | 1.74  | 1.865    |
| March .....   | 1.79  | 1.19  | .92   | .68     | 2.53  | 2.44  | 2.91  | 3.43  | .63   | 1.32  | 1.784    |
| April .....   | .79   | 2.12  | 1.19  | .68     | 2.20  | 2.16  | 1.25  | 1.88  | 2.71  | 1.87  | 1.685    |
| May .....     | 2.04  | 1.18  | 2.82  | 2.25    | 1.58  | .39   | .48   | 1.00  | 2.12  | 3.51  | 1.737    |
| June .....    | 1.76  | 1.23  | 4.18  | 1.58    | 3.50  | 2.27  | 4.54  | 4.17  | 1.54  | 1.51  | 2.628    |
| July .....    | 2.38  | 3.30  | .91   | 3.17    | 2.55  | 6.65  | 1.63  | .45   | .90   | 2.08  | 2.402    |
| August .....  | 4.47  | 3.14  | 3.02  | 2.00    | 2.87  | 2.74  | 1.94  | 3.21  | 3.19  | 1.47  | 2.805    |
| September.... | 1.88  | 1.73  | 1.14  | (1.59)  | .95   | 1.13  | 3.57  | 3.01  | .95   | 3.14  | (1.909)  |
| October ..... | 1.07  | 3.88  | 6.78  | 2.21    | 4.10  | 4.42  | 3.33  | 1.77  | 3.93  | 2.79  | 3.428    |
| November....  | 2.55  | 2.56  | 1.61  | 1.58    | 1.60  | 3.94  | 1.49  | 1.82  | 2.64  | 1.27  | 2.106    |
| December .... | 1.12  | 3.95  | .89   | 3.73    | 1.89  | 3.14  | 4.59  | 3.00  | 3.11  | 3.38  | 2.880    |
| TOTALS ....   | 24.46 | 25.58 | 26.60 | (23.20) | 32.95 | 32.67 | 27.20 | 28.34 | 24.78 | 27.88 | (24.366) |

1898 Jan. Tabulated from the records at Starrogate by W.E. G. Symonds  
1899 Sept. Fall from 16th to 18th estimated

# RAINFALL AT *Harrogate, Irongate Bridge*

Lat. ....

Lon. ....

County of *York W.R. Northern*

*Flasher*

Rain Gauge, by .....

Observer .....

*E. W. Dixon Esq. C.E.*

*Wind - 11.*

*F. J. Dixon Esq. C.E.*  
*2 Bopshaw Esq. C.E.*

|              |       |       |       |       |       |       |       |       |       |       |        |  |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Diameter ..  | 8     |       |       |       |       |       |       |       |       |       |        |  |
| Height ....  | 1 6   |       |       |       |       |       |       |       |       |       |        |  |
| Altitude ..  | 455T  |       |       |       |       |       |       |       |       |       |        |  |
| Year ....    | 1900  | 1901  | 1902  | 1903  | 1904  | 1905  | 1906  | 1907  | 1908  | 1909  | MEANS. |  |
| January ..   | 3.96  | 1.32  | 1.16  | 2.08  | 2.31  | .86   | 3.99  | .95   | 1.44  | .95   | 1902   |  |
| February ..  | 4.07  | 1.14  | 1.29  | 2.72  | 3.35  | 1.50  | 2.04  | 1.75  | 1.39  | .68   | 1993   |  |
| March ....   | .38   | 1.74  | 1.10  | 3.62  | 1.66  | 2.74  | 1.57  | 2.14  | 3.95  | 4.10  | 2300   |  |
| April .....  | 1.71  | 2.47  | 1.51  | 1.26  | 1.58  | 2.38  | .75   | 1.32  | 2.25  | 2.84  | 1807   |  |
| May .....    | 1.39  | 1.03  | 2.59  | 3.89  | 2.77  | .63   | 2.04  | 4.63  | 2.90  | 1.87  | 2374   |  |
| June .....   | 3.63  | 1.27  | 1.89  | 2.00  | 1.47  | 1.32  | 1.06  | 3.24  | 1.03  | 3.51  | 2042   |  |
| July .....   | 3.10  | 1.29  | 2.10  | 2.73  | 2.85  | 1.18  | 1.70  | 2.07  | 2.72  | 3.95  | 2369   |  |
| August ....  | 4.62  | 1.42  | 2.71  | 2.83  | 3.56  | 3.97  | 2.86  | 1.78  | 1.98  | 3.68  | 2941   |  |
| September .. | .61   | .98   | 1.07  | 3.85  | 1.07  | 1.72  | .62   | 1.06  | 2.61  | 1.96  | 1555   |  |
| October .... | 3.30  | 1.76  | 3.45  | 8.03  | .59   | 1.60  | 4.74  | 7.26  | 1.87  | 2.49  | 3509   |  |
| November ..  | 3.48  | 3.89  | 2.15  | 1.50  | 2.06  | 4.61  | 3.65  | 2.77  | 1.58  | .90   | 2659   |  |
| December ..  | 3.15  | 3.38  | 2.25  | 1.52  | 1.54  | .48   | 1.74  | 3.44  | 1.35  | 4.76  | 2361   |  |
| TOTALS ..    | 33.40 | 21.69 | 23.27 | 36.03 | 24.81 | 22.99 | 26.76 | 32.41 | 25.07 | 31.69 | 27812  |  |

908 to Wiefonds Church 1/2 mile N.E.  
Harrogate Station 1/4 " E  
Nothing near

*Hark*



058519

10<sup>360</sup>RAINFALL at Harrogate Harrogate Bridge ReservoirCounty of W.R. YorkshireObserver F. Bagshaw Esq. C.E. A.S. Watby C.E.River Basin Am. Nidd 11Flasher Rain Gauge, by

|              |           |           |           |       |       |       |       |       |       |       |        |  |
|--------------|-----------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Diameter ... | 8         |           |           |       |       |       |       |       |       |       |        |  |
| Height ..... | 1 6       |           |           |       |       |       |       |       |       |       |        |  |
| Altitude ... | 455 $\pi$ | 555 $\pi$ | 455 $\pi$ |       |       |       |       |       |       |       |        |  |
| Year ...     | 1910      | 1911      | 1912      | 1913  | 1914  | 1915  | 1916  | 1917  | 1918  | 1919  | MEANS. |  |
| January ...  | 3.22      | 1.12      | 4.39      | 3.51  | 1.55  | 4.31  | 1.34  | 2.54  | 2.72  | 4.41  |        |  |
| February ... | 3.14      | 2.80      | 1.84      | .95   | 1.77  | 3.71  | 3.71  | .85   | 3.29  | 2.15  |        |  |
| March .....  | .58       | 1.47      | 4.00      | 3.57  | 2.99  | .89   | 3.95  | 2.32  | 1.28  | 3.50  |        |  |
| April .....  | 2.73      | 1.26      | .32       | 3.19  | 1.18  | 1.34  | 1.65  | 1.62  | .81   | 1.66  |        |  |
| May .....    | 2.61      | 1.06      | 3.46      | 2.29  | 1.39  | 1.75  | 3.14  | 2.17  | 3.21  | 1.42  |        |  |
| June .....   | 3.19      | 3.14      | 7.20      | 1.54  | 2.23  | .99   | 1.94  | 1.88  | .75   | 1.43  |        |  |
| July .....   | 3.41      | .44       | 5.38      | 1.13  | 4.97  | 4.16  | 2.07  | 1.41  | 4.67  | 2.27  |        |  |
| August ..... | 4.48      | 3.10      | 6.10      | 1.23  | 1.52  | 2.50  | 1.94  | 7.68  | 2.88  | 2.53  |        |  |
| September .. | .21       | 3.12      | 2.08      | 1.30  | 1.56  | .78   | 2.10  | .90   | 7.68  | 1.07  |        |  |
| October ...  | 3.82      | 3.35      | 3.47      | 3.03  | 2.08  | 1.51  | 5.96  | 4.37  | 1.86  | 3.50  |        |  |
| November ..  | 4.06      | 3.43      | 1.56      | 2.71  | 4.01  | 1.88  | 3.20  | 2.82  | 1.60  | 1.99  |        |  |
| December ... | 3.28      | 4.91      | 2.82      | 1.76  | 7.06  | 7.08  | 2.34  | 1.24  | 5.82  | 4.71  |        |  |
| TOTALS ...   | 34.73     | 29.20     | 42.72     | 26.21 | 32.31 | 30.87 | 33.34 | 29.80 | 36.87 | 30.42 |        |  |

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church.     | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|-------------|-----------|------------|
|       |         |       | Harrogate        | 1/4 M     | E          | St. Wilfrid | 1/2 m     | NE         |

RAINFALL at Harrogate, Trongate Bridge ReservoirCounty of W. R. YorkshireObserver A. S. West - Esq. C.E.River Basin Case - Nidd - 11Water Eng. Harrogate7.98  
7.98  
7.98Gleaner

Rain Gauge, by

American holds 1.5 in. but note can goodCassella glass correct.

11-23

|              |       |       |       |       |       |       |       |       |       |       |                |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Diameter ... | 8     |       |       |       |       |       |       |       |       |       |                |
| Height ..... | 1.6   |       |       |       |       |       |       |       |       |       |                |
| Altitude ... | 455   |       |       |       |       |       |       |       |       |       |                |
| Year .....   | 1920  | 1921  | 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928  | 1929  | 1930<br>MEANS. |
| January ...  | 3.58  | 4.02  | 3.32  | 1.91  | 2.89  | 3.34  | 3.26  | 2.57  | 7.71  | 1.76  | 5.73           |
| February ... | 2.26  | 1.2   | 3.15  | 5.25  | .85   | 5.20  | 2.61  | 1.32  | 5.55  | .87   | .94            |
| March .....  | 2.45  | 1.90  | 2.15  | 1.75  | 1.49  | .82   | 1.09  | 2.18  | 5.22  | .59   | 2.59           |
| April .....  | 4.70  | 1.10  | 3.54  | 2.33  | 2.12  | 4.58  | 1.41  | 1.95  | 1.10  | 1.32  | 3.27           |
| May .....    | 3.02  | 1.91  | 1.12  | 3.65  | 5.02  | 4.87  | 2.35  | 2.06  | 2.45  | 1.49  | 1.64           |
| June .....   | 1.87  | .16   | 1.61  | 1.02  | 2.96  | .04   | 3.50  | 3.05  | 5.69  | 1.32  | 1.70           |
| July .....   | 6.57  | 1.41  | 5.49  | 2.93  | 4.03  | 1.34  | 2.21  | 5.04  | .92   | 3.22  | 5.01           |
| August ..... | 1.73  | 3.77  | 6.90  | 3.91  | 3.47  | 2.28  | 3.10  | 9.84  | 4.78  | 2.31  | 4.24           |
| September... | 1.00  | 1.06  | 3.78  | 2.70  | 3.11  | 2.60  | 1.46  | 4.55  | .46   | .44   | 4.70           |
| October..... | 3.43  | 1.76  | .91   | 4.01  | 4.72  | 3.63  | 3.60  | 3.43  | 5.83  | 3.18  | 2.56           |
| November...  | 1.59  | 2.46  | 1.32  | 3.47  | 2.53  | 1.79  | 6.03  | 3.30  | 4.11  | 4.70  | 4.99           |
| December...  | 3.21  | 3.83  | 3.92  | 3.48  | 3.90  | 3.82  | .86   | 2.42  | 1.88  | 6.52  | 3.09           |
| TOTALS...    | 35.41 | 23.49 | 37.21 | 36.41 | 37.09 | 34.31 | 31.48 | 41.71 | 81.10 | 27.72 | 40.46          |
|              | D     | D     | D     | D     | D     | D     | D     | D     | D     | D     | D              |

Inspected by 2. 11.23 S. in good position in grass plot near reservoir.

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 | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
|       |         |       | Harrogate        | 1 1/4 mi            | E         | St. Wilfreds   | 1/2 mi              | N E       |

RAINFALL at Harrogate (Irongate Bridge Res.)County of West RidingObserver A. S. West, Esq., C.E.River Basin Ouse - Nidd - 11.

Type of Gauge.....

Annual Average 29.3 in. based on 47 years obs. ~~un~~-weighted. Period of average 1891-1913 Ref. 5

660560/26

| Diameter  | 4.    |       |       |       |       |       |       |       |       |       |                 |  |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|--|
| Height    | 1.6.  |       |       |       |       |       |       |       |       |       |                 |  |
| Altitude  | 455.  |       |       |       |       |       |       |       |       |       |                 |  |
| Year      | 1931  | 1932  | 1933  | 1934  | 1935  | 1936  | 1937  | 1938  | 1939  | 1940  | Means-<br>Total |  |
| January   | 1.93  | 2.49  | 2.00  | 2.42  | 1.54  | 4.51  | 4.08  | 4.29  | 4.92  | 1.68  | 29.86           |  |
| February  | 2.44  | .24   | 4.33  | .36   | 3.85  | 2.58  | 5.38  | 1.67  | 3.09  | 1.83  | 25.77           |  |
| March     | .62   | 2.13  | 1.83  | 3.06  | 1.01  | 3.02  | 3.01  | .24   | 2.46  | 2.06  | 19.49           |  |
| April     | 3.73  | 2.75  | 1.31  | 4.11  | 2.32  | 1.94  | 3.74  | .15   | 1.76  | 3.06  | 24.87           |  |
| May       | 3.49  | 5.26  | 3.32  | 1.81  | 1.15  | 2.33  | 3.23  | 3.23  | 1.25  | .87   | 25.94           |  |
| June      | 5.97  | .73   | 1.31  | 2.82  | 3.54  | 4.92  | 1.71  | 3.13  | 2.28  | .45   | 26.86           |  |
| July      | 3.59  | 4.23  | 2.46  | 1.39  | .79   | 4.56  | 2.25  | 4.26  | 6.09  | 6.28  | 35.90           |  |
| August    | 3.88  | 1.53  | 0.43  | 1.61  | 1.80  | 2.20  | 1.02  | 4.00  | 2.48  | .68   | 19.63           |  |
| September | 6.03  | 2.75  | 2.10  | 2.63  | 5.80  | 2.55  | 1.36  | 2.76  | 1.33  | 2.60  | 29.91           |  |
| October   | 1.05  | 4.20  | 4.06  | 2.77  | 5.77  | 1.99  | 2.46  | 5.74  | 3.33  | 3.94  | 35.31           |  |
| November  | 5.20  | 2.48  | 3.15  | 2.57  | 5.84  | 3.62  | 1.92  | 3.98  | 4.71  | 5.07  | 38.54           |  |
| December  | 1.24  | 1.26  | 0.68  | 6.47  | 2.57  | 2.80  | 3.05  | 4.76  | 2.29  | 3.45  | 28.57           |  |
| TOTALS    | 39.17 | 30.05 | 27.03 | 32.02 | 35.98 | 37.02 | 33.21 | 38.21 | 35.99 | 31.97 | 340.65          |  |
|           | D     | D     | D     | D     | D     | D     | D     | D     | D     | D     | D               |  |

Position of Station on reduced Ordnance Survey Map, }  
1 mile to 1 inch Series

No. of Map.....

Reference No.....

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction from gauge | Parish Church. | Distance from gauge | Direction from gauge |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1931  |         |       | Harrogate        | 1m                  | E                    | St Marys       | 1/4m                | ESE                  |



Station No. 3360

RAINFALL at Harrogate (Innagate Bridge Res)

County of West Riding Observer A. S. West Esq. CE

River Basin Ouse-Nidd-11 The Wakes Engineers

Type of Gauge

Annual Average 29.3 in. based on 47 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 660569/26

|           |            |            |            |            |            |            |            |            |            |            |                |
|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----------------|
| Diameter  | 8"         |            | 058        | 519        |            |            | 8"         |            |            | 5"8        |                |
| Height    | 1' 6"      |            |            | 1          |            |            |            |            |            |            |                |
| Altitude  | 455'       |            |            | 111        |            |            |            |            |            |            |                |
| Year      | 1941       | 1942       | 1943       | 1944       | 1945       | 1946       | 1947       | 1948       | 1949       | 1950       | Means<br>Total |
| January   | 3.92       | 3.53       | 4.62       | 4.49       | 3.71       | 3.72       | 2.78       | 8.36       | 1.26       | 1.83       | 38.22          |
| February  | 4.41       | 1.47       | 1.73       | 1.65       | 4.08       | 3.78       | 2.20       | 2.29       | 1.65       | 5.49       | 29.15          |
| March     | 3.82       | 2.36       | .98        | .43        | 1.18       | 1.20       | 4.73       | 1.65       | 1.09       | 1.21       | 20.65          |
| April     | 2.56       | 1.76       | 1.62       | 3.28       | 2.18       | 1.83       | 3.93       | 3.24       | 3.12       | 2.89       | 26.43          |
| May       | 1.86       | 3.28       | 2.44       | .83        | 2.42       | 3.09       | 4.65       | 1.24       | 2.31       | 2.22       | 24.34          |
| June      | .24        | 1.07       | 2.62       | 3.74       | 2.98       | 2.30       | 3.79       | 4.03       | 1.06       | .88        | 22.44          |
| July      | 3.00       | 2.75       | 1.65       | 4.06       | 2.41       | 3.91       | 4.45       | 1.25       | 2.70       | 3.19       | 29.37          |
| August    | 2.02       | 2.86       | 2.11       | 3.58       | 3.63       | 4.85       | 1.15       | 4.26       | 2.93       | 4.69       | 34.08          |
| September | .50        | 2.13       | 3.41       | 5.80       | 1.83       | 6.51       | 2.48       | 2.22       | 1.16       | 3.70       | 29.74          |
| October   | 4.50       | 2.78       | 2.16       | 3.34       | 4.70       | 2.04       | 1.60       | 1.07       | 4.26       | 1.87       | 28.32          |
| November  | 3.52       | 1.49       | 2.79       | 6.86       | 51         | 7.04       | 4.04       | 1.37       | 5.47       | 4.00       | 37.09          |
| December  | 1.20       | 2.87       | 1.89       | 3.78       | 2.29       | 2.97       | 3.33       | 3.68       | 5.14       | 1.81       | 28.96          |
| TOTALS    | 32.98<br>p | 28.35<br>D | 29.04<br>p | 41.84<br>D | 31.92<br>D | 43.24<br>p | 41.13<br>p | 34.66<br>p | 32.15<br>p | 33.48<br>D | 348.79         |

1947 n.p. high  
1947 66.0 in. below 1947, well to replace on g. replaced (see and 2.17 gte. 66.0/20/26)

2.949. New gauge in order (not from P.O.)

1948 n.p. high. 1949 n.p. high

New gauge installed 1.1.50.

Position of Station on reduced Ordnance Survey Map,  
1 mile to 1 inch Series

No. of Map

Reference No

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction from gauge | Parish Church. | Distance from gauge. | Direction from gauge. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|----------------------|-----------------------|
| 1941  |         |       | Harrogate        | 1 mi.               | E.                   | St. Mary's.    | 1 1/2 mi.            | E.S.E.                |

BRITISH RAINFALL ORGANIZATION

Station No. 3360

RAINFALL at *Harrogate (Trongate Bridge Res.)*

51

County of *West Riding, Yorks*

Observer

*Hy. & Meteor. Engineer,  
Clerks Water Board.*River Basin *Dale - Nidd - 11*Type of Gauge *H.O. 4891/49*Annual Average *29.3* in. based on *47* years obs. un-weighted.Period of average *1881-1915*Ref. *S*" " *32.26* " " *8* " " *1951-57*File No. *660550/26 E 16133/53*

| Diameter ...  | 8"    | 058   | 519   | 5"    |       |       |       |       |       |       |                  |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------|
| Height ...    | 1'6"  |       | 1     |       |       |       |       |       | 11"   |       |                  |
| Altitude ...  | 455'  |       | 51    |       |       |       |       |       |       |       |                  |
| Year ...      | 1951  | 1952  | 1953  | 1954  | 1955  | 1956  | 1957  | 1958  | 1959  | 1960  | Means<br>1946-60 |
| January ...   | 2.58  | 3.13  | .55   | 2.08  | 1.96  | 4.19  | 1.67  | 2.27  | 3.08  | 4.91  | 26.42            |
| February ...  | 3.00  | .47   | 1.56  | 2.71  | 2.03  | 1.54  | 2.57  | 4.32  | .07   | 2.26  | 20.53            |
| March ...     | 3.59  | 2.13  | .67   | 2.00  | 2.11  | 1.30  | 2.17  | 2.01  | 1.44  | 2.71  | 20.13            |
| April ...     | 1.21  | 1.39  | 2.71  | .33   | 1.04  | 2.33  | .34   | .92   | 4.23  | 1.44  | 15.94            |
| May ...       | 5.96  | 1.63  | 1.53  | 4.37  | 2.55  | .81   | 1.21  | 3.72  | .70   | 0.97  | 23.45            |
| June ...      | 1.11  | 1.84  | 1.63  | 1.92  | 1.98  | 3.71  | 1.62  | 3.72  | 1.32  | 1.05  | 19.90            |
| July ...      | 2.28  | 1.57  | 3.18  | 1.15  | 1.18  | 5.11  | 2.60  | 3.87  | 1.63  | 4.26  | 26.83            |
| August ...    | 5.65  | 3.39  | 3.84  | 6.14  | 1.22  | 6.95  | 5.35  | 2.86  | 1.09  | 2.51  | 39.05            |
| September ... | 2.53  | 3.65  | 2.14  | 2.53  | 1.60  | 4.12  | 3.90  | 3.71  | .13   | 3.49  | 27.80            |
| October ...   | .95   | 3.59  | 2.13  | 4.24  | 2.21  | 1.38  | 3.18  | 2.06  | 2.62  | 6.52  | 28.88            |
| November ...  | 7.45  | 1.64  | 2.86  | 5.44  | 2.41  | .76   | 1.99  | .80   | 4.19  | 5.92  | 33.51            |
| December ...  | 3.21  | 2.16  | 1.38  | 2.92  | 4.10  | 2.58  | 2.93  | 4.46  | 5.63  | 3.35  | 32.72            |
| TOTALS ...    | 39.52 | 26.59 | 24.18 | 35.93 | 24.39 | 34.78 | 29.53 | 34.72 | 26.13 | 33.39 | 315.16           |
|               | D     | D     | D     | D     | D     | D     | D     | D     | D     | D     |                  |

654 Imp. Ordnance. Condition of g. perfect. On road some distance from road. g. kind of ground of road  
No near obstructions, shelter all adequate distance. A good site, well mounted

Imp. B 1959 180K. Satisfactory. May be very slightly overcast N-NE.

135 41 83

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference *54 207.548*

| Date. | Lat. N. | Long. | Railway Station. | Distance Direction<br>from gauge | Parish Church. | Distance Direction<br>from gauge. |
|-------|---------|-------|------------------|----------------------------------|----------------|-----------------------------------|
| 1951. |         |       | Harrogate        | 1m. E.                           | St. Marys.     | 1/4m ESE                          |

Summary of Earlier Records from 10-year Sheets :

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