

RAINFALL AT *Rivelin*

Lat..... Lon..... County of *York N.R.*  
 Rain Gauge, by..... Observer *L. E. Hanson Esq.*

|                |       |       |                |       |                  |       |       |       |       |       |        |
|----------------|-------|-------|----------------|-------|------------------|-------|-------|-------|-------|-------|--------|
| Diameter.....  |       |       | $\pi \cdot 10$ |       |                  |       |       |       |       |       |        |
| Height.....    |       |       | 4              |       |                  |       |       |       |       |       |        |
| Altitude.....  |       |       | 554            |       | 564 <sup>↑</sup> |       |       |       |       |       |        |
| YEAR.....      | 1870  | 1871  | 1872           | 1873  | 1874             | 1875  | 1876  | 1877  | 1878  | 1879  | MEANS. |
| January.....   |       |       | 5.21           | 2.76  | 2.37             | 3.82  | 1.39  | 6.19  | 4.22  | 1.06  |        |
| February.....  |       |       | 3.31           | 1.01  | 1.93             | 1.14  | 4.32  | 3.69  | 1.39  | 3.22  |        |
| March.....     |       |       | 2.59           | 3.23  | 2.32             | .87   | 6.01  | 3.04  | 1.98  | 1.53  |        |
| April.....     |       |       | 4.05           | .93   | 1.90             | .98   | 2.26  | 3.04  | 2.62  | 3.40  |        |
| May.....       |       |       | 2.54           | 2.82  | 1.05             | 1.87  | 1.10  | 4.54  | 4.33  | 2.69  |        |
| June.....      |       |       | 5.37           | 2.38  | 1.12             | 3.81  | 2.95  | 2.69  | 3.16  | 5.61  |        |
| July.....      |       |       | 6.91           | 2.43  | 1.47             | 4.17  | 1.83  | 2.48  | 1.32  | 4.82  |        |
| August.....    |       |       | 3.02           | 2.93  | 3.37             | 4.13  | 2.44  | 5.71  | 7.84  | 4.62  |        |
| September..... |       |       | 4.58           | 2.12  | 2.43             | 3.42  | 4.58  | 3.07  | 3.13  | 3.21  |        |
| October.....   |       |       | 6.28           | 3.21  | 3.56             | 5.98  | 2.79  | 4.63  | 3.80  | 1.69  |        |
| November.....  |       |       | 4.24           | 3.11  | 3.94             | 5.22  | 3.83  | 5.87  | 3.06  | 1.92  |        |
| December.....  |       |       | 4.57           | .61   | 2.96             | 1.16  | 7.97  | 3.10  | 1.39  | 2.37  |        |
| TOTALS.....    | 27.00 | 22.50 | 52.67          | 27.54 | 28.42            | 36.57 | 41.47 | 48.05 | 38.24 | 36.14 | 36.40  |

1870 + 1871 estimated from Redmires.

# RAINFALL AT Rivelin

Lat..... Lon..... County of York W.R.  
 ..... Rain Gauge, by..... Observer J. G. Garrison Esq.

*Monthly & Weekly*

|                |      |      |      |       |       |       |       |       |       |       |        |  |
|----------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Diameter.....  |      |      |      | 8     |       |       |       |       |       |       |        |  |
| Height.....    |      |      |      | 4     |       |       |       |       |       |       |        |  |
| Altitude.....  |      |      |      | 554   |       |       |       |       |       |       |        |  |
| Year.....      | 1870 | 1871 | 1872 | 1873  | 1874  | 1875  | 1876  | 1877  | 1878  | 1879  | MEANS. |  |
| January.....   |      |      |      | 2.65  |       |       |       |       |       |       |        |  |
| February.....  |      |      |      | .99   |       |       |       |       |       |       |        |  |
| March.....     |      |      |      | 3.16  |       |       |       |       |       |       |        |  |
| April.....     |      |      |      | .82   |       |       |       |       |       |       |        |  |
| May.....       |      |      |      | 2.83  |       |       |       |       |       |       |        |  |
| June.....      |      |      |      | 2.31  |       |       |       |       |       |       |        |  |
| July.....      |      |      |      | 2.17  |       |       |       |       |       |       |        |  |
| August.....    |      |      |      | 2.76  |       |       |       |       |       |       |        |  |
| September..... |      |      |      | 2.13  |       |       |       |       |       |       |        |  |
| October.....   |      |      |      | 3.21  |       |       |       |       |       |       |        |  |
| November.....  |      |      |      | 3.10  |       |       |       |       |       |       |        |  |
| December.....  |      |      |      | .55   |       |       |       |       |       |       |        |  |
| TOTALS.....    |      |      |      | 26.66 | 28.71 | 37.07 | 42.08 | 48.16 | 38.76 | 36.18 |        |  |

# RAINFALL AT *Sheffield, Rivelin* 80

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

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

County of *Yorks*

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

Observer *J. Gussard, Esq.*

*Cuse - Don 7.*

|               |               |              |              |              |              |              |              |              |              |              |               |
|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Diameter .... | $\square 10$  |              |              |              |              |              |              |              |              |              |               |
| Height .....  | <i>4.0</i>    |              |              |              |              |              |              |              |              |              |               |
| Altitude .... | <i>564 ft</i> |              |              |              |              |              |              |              |              |              |               |
| Year .....    | 1880          | 1881         | 1882         | 1883         | 1884         | 1885         | 1886         | 1887         | 1888         | 1889         | MEANS.        |
| January ....  | <i>.20</i>    | <i>.50</i>   | <i>3.94</i>  | <i>5.63</i>  | <i>5.68</i>  | <i>2.87</i>  | <i>4.11</i>  | <i>1.93</i>  | <i>.95</i>   | <i>1.86</i>  | <i>2.767</i>  |
| February .... | <i>3.80</i>   | <i>5.28</i>  | <i>2.83</i>  | <i>3.61</i>  | <i>2.48</i>  | <i>3.83</i>  | <i>.60</i>   | <i>.65</i>   | <i>.69</i>   | <i>1.95</i>  | <i>2.572</i>  |
| March .....   | <i>2.37</i>   | <i>4.54</i>  | <i>2.44</i>  | <i>1.17</i>  | <i>2.50</i>  | <i>2.10</i>  | <i>2.95</i>  | <i>1.94</i>  | <i>3.07</i>  | <i>4.58</i>  | <i>2.766</i>  |
| April .....   | <i>2.02</i>   | <i>1.17</i>  | <i>4.62</i>  | <i>2.85</i>  | <i>1.91</i>  | <i>2.17</i>  | <i>2.30</i>  | <i>1.17</i>  | <i>2.46</i>  | <i>4.42</i>  | <i>2.509</i>  |
| May .....     | <i>2.74</i>   | <i>2.58</i>  | <i>1.52</i>  | <i>1.22</i>  | <i>1.65</i>  | <i>2.79</i>  | <i>7.79</i>  | <i>2.22</i>  | <i>.73</i>   | <i>3.73</i>  | <i>2.697</i>  |
| June .....    | <i>3.64</i>   | <i>2.45</i>  | <i>5.37</i>  | <i>3.24</i>  | <i>1.98</i>  | <i>2.99</i>  | <i>1.06</i>  | <i>.41</i>   | <i>2.49</i>  | <i>.36</i>   | <i>2.399</i>  |
| July .....    | <i>6.41</i>   | <i>2.33</i>  | <i>4.47</i>  | <i>3.54</i>  | <i>3.22</i>  | <i>1.08</i>  | <i>3.07</i>  | <i>1.06</i>  | <i>5.92</i>  | <i>3.48</i>  | <i>3.458</i>  |
| August .....  | <i>2.30</i>   | <i>4.03</i>  | <i>2.29</i>  | <i>1.85</i>  | <i>1.97</i>  | <i>2.76</i>  | <i>1.83</i>  | <i>2.07</i>  | <i>2.76</i>  | <i>3.43</i>  | <i>2.534</i>  |
| September.... | <i>7.03</i>   | <i>2.78</i>  | <i>1.71</i>  | <i>5.93</i>  | <i>2.17</i>  | <i>3.76</i>  | <i>1.70</i>  | <i>2.91</i>  | <i>.85</i>   | <i>2.31</i>  | <i>3.115</i>  |
| October ..... | <i>8.02</i>   | <i>5.05</i>  | <i>6.50</i>  | <i>4.93</i>  | <i>2.09</i>  | <i>7.87</i>  | <i>5.82</i>  | <i>2.81</i>  | <i>1.03</i>  | <i>5.27</i>  | <i>4.939</i>  |
| November....  | <i>3.64</i>   | <i>4.20</i>  | <i>6.22</i>  | <i>3.61</i>  | <i>1.15</i>  | <i>3.01</i>  | <i>1.69</i>  | <i>2.07</i>  | <i>7.85</i>  | <i>1.37</i>  | <i>3.481</i>  |
| December .... | <i>4.90</i>   | <i>4.62</i>  | <i>4.86</i>  | <i>2.70</i>  | <i>4.62</i>  | <i>1.68</i>  | <i>5.90</i>  | <i>2.89</i>  | <i>2.47</i>  | <i>2.27</i>  | <i>3.691</i>  |
| TOTALS ....   | <i>47.12</i>  | <i>39.53</i> | <i>46.77</i> | <i>40.28</i> | <i>31.42</i> | <i>31.91</i> | <i>38.82</i> | <i>22.13</i> | <i>31.27</i> | <i>35.03</i> | <i>36.928</i> |

# RAINFALL AT *Sheffield Road* 80

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

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

County of *Yorks*

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

Observer *J. Gunnison, Esq*

*Rise Don 4*

|               |               |              |              |              |              |              |              |              |              |              |               |
|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Diameter .... | <i>8</i>      |              |              |              |              |              |              |              |              |              |               |
| Height .....  | <i>440</i>    |              |              |              |              |              |              |              |              |              |               |
| Altitude .... | <i>564 ft</i> |              |              |              |              |              |              |              |              |              |               |
| Year .....    | 1880          | 1881         | 1882         | 1883         | 1884         | 1885         | 1886         | 1887         | 1888         | 1889         | MEANS.        |
| January ....  |               |              |              |              |              |              |              |              |              |              |               |
| February .... |               |              |              |              |              |              |              |              |              |              |               |
| March .....   |               |              |              |              |              |              |              |              |              |              |               |
| April .....   |               |              |              |              |              |              |              |              |              |              |               |
| May .....     |               |              |              |              |              |              |              |              |              |              |               |
| June .....    |               |              |              |              |              |              |              |              |              |              |               |
| July .....    |               |              |              |              |              |              |              |              |              |              |               |
| August .....  |               |              |              |              |              |              |              |              |              |              |               |
| September ... |               |              |              |              |              |              |              |              |              |              |               |
| October ..... |               |              |              |              |              |              |              |              |              |              |               |
| November .... |               |              |              |              |              |              |              |              |              |              |               |
| December .... |               |              |              |              |              |              |              |              |              |              |               |
| TOTALS ....   | <i>47.79</i>  | <i>40.05</i> | <i>46.26</i> | <i>40.18</i> | <i>31.42</i> | <i>36.98</i> | <i>38.88</i> | <i>22.00</i> | <i>31.36</i> | <i>34.88</i> | <i>36.980</i> |



# RAINFALL AT

Sheffield Rivelin

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

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

County of \_\_\_\_\_

York W.R.

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

Observer \_\_\_\_\_

E.M. Eaton Esq. C.E.

L.S.M. Marsh Esq. Ch.

Rise - Don 4

|                |        |       |       |       |       |       |       |       |       |       |        |
|----------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter ....  | 1/10   |       |       |       |       |       |       |       |       |       |        |
| Height .....   | 4 0    |       |       |       |       |       |       |       |       |       |        |
| Altitude ....  | 564 ft |       |       |       |       |       |       |       |       |       |        |
| Year .....     | 1890   | 1891  | 1892  | 1893  | 1894  | 1895  | 1896  | 1897  | 1898  | 1899  | MEANS. |
| January ....   | 4.61   | 2.67  | 2.58  | 1.61  | 3.03  | 4.52  | 1.38  | 2.78  | 1.94  | 4.65  | 2.977  |
| February ....  | .89    | .11   | 2.95  | 5.35  | 5.60  | .43   | 1.07  | 3.66  | 3.56  | 2.10  | 2.572  |
| March .....    | 3.33   | 2.70  | .97   | .83   | 2.36  | 2.89  | 5.36  | 4.39  | 1.78  | 1.58  | 2.619  |
| April .....    | 1.35   | 2.71  | 1.04  | .87   | 2.91  | 2.11  | 2.06  | 2.54  | 3.27  | 3.08  | 2.174  |
| May .....      | 3.73   | 3.65  | 4.23  | 3.13  | 1.92  | 1.25  | .44   | 1.68  | 3.17  | 2.86  | 2.606  |
| June .....     | 2.67   | 3.51  | 4.06  | 1.60  | 2.92  | 2.70  | 2.98  | 4.26  | 1.50  | 2.38  | 2.858  |
| July .....     | 2.95   | 2.46  | 3.02  | 3.70  | 3.32  | 5.05  | .79   | .97   | 1.30  | 2.08  | 2.564  |
| August .....   | 3.98   | 4.36  | 3.14  | 2.73  | 2.95  | 3.13  | 2.02  | 2.39  | 3.75  | 1.33  | 2.978  |
| September .... | 1.59   | 2.57  | 3.88  | 1.77  | 1.08  | .93   | 6.61  | 3.08  | .61   | 4.67  | 2.679  |
| October .....  | 2.59   | 4.53  | 5.62  | 2.21  | 5.65  | 4.04  | 3.59  | 1.09  | 4.15  | 3.58  | 3.705  |
| November ....  | 5.61   | 3.65  | 2.48  | 2.19  | 1.59  | 4.65  | 1.46  | 3.50  | 3.02  | 1.78  | 2.973  |
| December ....  | .40    | 7.30  | 1.74  | 4.84  | 3.39  | 4.07  | 5.16  | 3.93  | 4.19  | 3.32  | 3.834  |
| TOTALS ...     | 33.70  | 40.22 | 35.71 | 30.83 | 36.72 | 35.77 | 32.92 | 34.27 | 32.24 | 33.41 | 34.579 |

1880

## RAINFALL AT

Sheffield Rivelin

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

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

County of

York W.R.

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

Observer

E. M. Eaton Esq. C.E.

Weekly Case Don't.

L.S.M. Marsh Esq. C.E.

|               |        |       |       |       |       |       |       |       |       |       |        |  |
|---------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Diameter .... | 8      |       |       |       |       |       |       |       |       |       |        |  |
| Height .....  | 4 0    |       |       |       |       |       |       |       |       |       |        |  |
| Altitude .... | 564 ft |       |       |       |       |       |       |       |       |       |        |  |
| Year .....    | 1890   | 1891  | 1892  | 1893  | 1894  | 1895  | 1896  | 1897  | 1898  | 1899  | MEANS. |  |
| January ....  |        |       |       |       |       |       |       |       | 1.86  | 4.67  |        |  |
| February .... |        |       |       |       |       |       |       |       | 3.55  | 2.09  |        |  |
| March .....   |        |       |       |       |       |       |       |       | 1.81  | 1.59  |        |  |
| April .....   |        |       |       |       |       |       |       |       | 3.26  | 3.07  |        |  |
| May .....     |        |       |       |       |       |       |       |       | 3.19  | 2.86  |        |  |
| June .....    |        |       |       |       |       |       |       |       | 1.49  | 2.32  |        |  |
| July .....    |        |       |       |       |       |       |       |       | 1.32  | 1.99  |        |  |
| August .....  |        |       |       |       |       |       |       |       | 3.74  | 1.31  |        |  |
| September.... |        |       |       |       |       |       |       |       | .63   | 4.67  |        |  |
| October ..... |        |       |       |       |       |       |       |       | 4.15  | 3.59  |        |  |
| November....  |        |       |       |       |       |       |       |       | 3.04  | 1.82  |        |  |
| December .... |        |       |       |       |       |       |       |       | 4.20  | 3.35  |        |  |
| TOTALS . . .  | 32.91  | 40.02 | 35.62 | 30.91 | 36.39 | 35.69 | 32.96 | 34.14 | 32.21 | 33.33 | 34.421 |  |

1880—

RAINFALL AT Sheffield Rivelin

Lat. ....

Lon. ....

County of York W.R. SouthernFlashin Rain Gauge, by .....Observer L. S. M. Marsh Esq. C.E.Open - Run 4 Weekly

|              |                  |       |       |       |       |       |       |       |       |       |        |
|--------------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter ..  | 8                |       |       |       |       |       |       |       |       |       |        |
| Height ....  | 4.0              |       |       |       |       |       |       |       |       |       |        |
| Altitude ..  | 564 <del>N</del> |       |       |       |       |       |       |       |       |       |        |
| Year ....    | 1900             | 1901  | 1902  | 1903  | 1904  | 1905  | 1906  | 1907  | 1908  | 1909  | MEANS. |
| January ..   | 5.49             | 2.76  | 1.95  | 3.74  | 3.52  | 1.44  | 4.81  | 1.57  | 2.28  | 2.40  | 2.996  |
| February ..  | 4.48             | 1.32  | 1.69  | 2.71  | 5.44  | 1.99  | 3.82  | 2.25  | 2.67  | .95   | 2.732  |
| March ....   | 1.04             | 3.20  | 1.87  | 4.33  | 2.05  | 3.59  | 2.67  | 3.31  | 3.64  | 4.06  | 2.976  |
| April .....  | 1.46             | 2.33  | 3.00  | 1.95  | 2.42  | 3.07  | 1.14  | 2.20  | 2.92  | 2.10  | 2.259  |
| May .....    | 1.44             | 1.15  | 3.26  | 3.33  | 2.61  | .46   | 2.46  | 4.28  | 3.35  | 1.98  | 2.7132 |
| June .....   | 3.21             | 1.14  | 1.57  | 1.27  | .68   | 3.44  | 2.48  | 5.12  | 1.82  | 3.74  | 2.447  |
| July .....   | 4.23             | 3.43  | 2.03  | 2.54  | 1.71  | 2.18  | 1.85  | 2.55  | 3.05  | 3.58  | 2.715  |
| August ....  | 5.21             | 1.60  | 5.06  | 5.16  | 4.06  | 5.00  | 1.86  | 2.87  | 3.35  | 2.16  | 3.633  |
| September..  | .58              | .97   | 1.80  | 4.69  | 1.36  | 1.61  | .92   | .45   | 2.08  | 2.76  | 1.7221 |
| October .... | 3.08             | 2.58  | 4.09  | 7.51  | .62   | 2.30  | 6.37  | 6.53  | 1.25  | 3.83  | 3.823  |
| November ..  | 3.09             | 4.91  | 3.17  | 2.18  | 2.76  | 5.07  | 4.07  | 3.52  | 2.06  | 1.03  | 3.186  |
| December ..  | 5.50             | 6.06  | 3.22  | 1.80  | 2.19  | .76   | 3.31  | 3.13  | 2.08  | 7.36  | 3.541  |
| TOTALS ..    | 38.81            | 31.45 | 32.71 | 41.21 | 29.42 | 30.91 | 35.76 | 37.81 | 30.55 | 35.95 | 34.461 |

Hub



# RAINFALL AT *Sheffield Rivelin*

Lat. ....

Lon. ....

County of *York W.R. Southern*

*Crosby* Rain Gauge, by .....

Observer *L.S.M. Marsh Esq C.E.*

*Ruse Don't*

|              |                  |       |       |       |       |       |       |       |       |       |        |  |
|--------------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Diameter ..  | 10               |       |       |       |       |       |       |       |       |       |        |  |
| Height ....  | 40               |       |       |       |       |       |       |       |       |       |        |  |
| Altitude ..  | 564 <del>7</del> |       |       |       |       |       |       |       |       |       |        |  |
| Year ....    | 1900             | 1901  | 1902  | 1903  | 1904  | 1905  | 1906  | 1907  | 1908  | 1909  | MEANS. |  |
| January ..   | 5.51             | 2.74  | 1.81  | 3.71  | 3.59  | 1.43  | 4.85  | 1.54  | 2.27  | 2.36  | 2.981  |  |
| February ..  | 4.46             | 1.29  | 1.69  | 2.71  | 5.39  | 1.99  | 3.82  | 2.19  | 2.65  | .97   | 2.716  |  |
| March ....   | 1.02             | 3.19  | 1.88  | 4.35  | 2.05  | 3.59  | 2.71  | 3.32  | 3.60  | 3.95  | 2.966  |  |
| April .....  | 1.48             | 2.35  | 3.04  | 1.94  | 2.41  | 3.07  | 1.15  | 2.23  | 2.91  | 2.18  | 2.276  |  |
| May .....    | 1.46             | 1.18  | 3.30  | 3.37  | 2.60  | .46   | 2.44  | 4.21  | 3.42  | 2.00  | 2.444  |  |
| June .....   | 3.12             | 1.17  | 1.63  | 1.28  | .68   | 3.52  | 2.52  | 5.17  | 1.95  | 3.73  | 2.467  |  |
| July .....   | 4.25             | 3.46  | 2.05  | 2.60  | 1.71  | 2.17  | 1.83  | 2.62  | 3.06  | 3.64  | 2.739  |  |
| August ....  | 5.21             | 1.60  | 5.10  | 5.32  | 4.06  | 5.04  | 2.01  | 2.87  | 3.35  | 2.19  | 3.675  |  |
| September .. | .58              | .97   | 1.75  | 4.79  | 1.81  | 1.64  | .97   | .45   | 2.17  | 2.79  | 1.742  |  |
| October .... | 3.07             | 2.60  | 4.17  | 7.55  | .62   | 2.31  | 6.57  | 6.51  | 1.26  | 3.80  | 3.846  |  |
| November ..  | 3.15             | 4.99  | 3.15  | 2.18  | 2.76  | 5.01  | 4.09  | 3.50  | 2.01  | 1.00  | 3.187  |  |
| December ..  | 5.60             | 5.98  | 3.21  | 1.77  | 2.20  | .77   | 3.29  | 3.09  | 2.10  | 7.24  | 3.525  |  |
| TOTALS ..    | 38.91            | 31.52 | 32.78 | 41.57 | 29.38 | 31.00 | 36.25 | 37.70 | 30.65 | 35.88 | 34.564 |  |

*Hill*



RAINFALL at Sheffield RivelinCounty of W. R. YorkshireObserver L. P. M. Marsh Esq. C.E.River Basin Ouse - Don 7Recorder Rain Gauge, by Crosby

|              |           |       |       |       |       |       |       |       |       |       |        |
|--------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter ... | 10        |       |       |       |       |       |       |       |       |       |        |
| Height ..... | 4 . 0     |       |       |       |       |       |       |       |       |       |        |
| Altitude ... | 564 $\pi$ |       |       |       |       |       |       |       |       |       |        |
| Year ...     | 1910      | 1911  | 1912  | 1913  | 1914  | 1915  | 1916  | 1917  | 1918  | 1919  | MEANS. |
| January ...  | 3.12      | 1.48  | 4.84  | 3.90  | 1.93  | 5.18  | 2.08  | 2.60  | 3.02  | 4.34  |        |
| February ... | 4.72      | 3.46  | 1.90  | 1.37  | 2.61  | 5.17  | 5.98  | .51   | 2.72  | 2.14  |        |
| March .....  | 1.13      | 1.53  | 4.57  | 4.65  | 3.88  | 1.22  | 4.87  | 2.54  | 1.57  | 5.06  |        |
| April .....  | 3.43      | 2.10  | .85   | 3.52  | 1.62  | 1.36  | 2.20  | 1.78  | 1.25  | 2.06  |        |
| May .....    | 2.99      | .85   | 3.69  | 2.81  | 1.69  | 1.92  | 2.64  | 2.09  | 2.46  | 1.63  |        |
| June .....   | 3.56      | 2.56  | 3.71  | 1.02  | 2.99  | 1.55  | 2.52  | 1.71  | .96   | .67   |        |
| July .....   | 2.60      | .14   | 6.20  | 1.35  | 2.48  | 4.68  | 1.79  | 1.29  | 3.19  | 3.92  |        |
| August ..... | 4.08      | 1.95  | 6.75  | 1.78  | 1.25  | 2.61  | 1.82  | 4.84  | 1.37  | 3.27  |        |
| September .. | .41       | 2.33  | 1.43  | 2.97  | 2.04  | .87   | 1.56  | 1.30  | 8.00  | 3.17  |        |
| October ...  | 2.43      | 2.88  | 3.18  | 5.11  | 2.66  | 2.03  | 4.07  | 4.88  | 2.33  | 3.55  |        |
| November ..  | 4.51      | 4.21  | 1.83  | 3.97  | 4.74  | 3.62  | 4.41  | 3.05  | 1.66  | 2.59  |        |
| December ... | 5.00      | 6.57  | 5.30  | 2.28  | 7.33  | 8.49  | 3.20  | 1.54  | 5.61  | 6.45  |        |
| TOTALS ...   | 37.98     | 30.06 | 44.25 | 34.73 | 35.22 | 38.70 | 37.14 | 28.13 | 34.14 | 38.53 |        |

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

RAINFALL at Sheffield RivetCounty of W.R. YorkshireObserver L. S. M. Marsh Esq C.E.River Basin Course Don 7Plancher Rain Gauge, by

Weekly

|              |       |       |       |       |       |       |       |       |       |       |                             |  |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------------------|--|
| Diameter ... | 8     |       |       |       |       |       |       |       |       |       |                             |  |
| Height ..... | 4.0   |       |       |       |       |       |       |       |       |       |                             |  |
| Altitude ... | 564.7 |       |       |       |       |       |       |       |       |       |                             |  |
| Year ...     | 1910  | 1911  | 1912  | 1913  | 1914  | 1915  | 1916  | 1917  | 1918  | 1919  | 1916-19<br>MEANS.<br>Totals |  |
| January ...  | 3.25  | 1.56  | 4.94  | 3.90  | 1.88  | 5.13  | 2.07  | 2.59  | 3.02  | 4.34  | 12.02                       |  |
| February ... | 4.77  | 3.49  | 1.88  | 1.40  | 2.56  | 5.16  | 5.98  | .51   | 2.66  | 2.12  | 11.27                       |  |
| March .....  | 1.11  | 1.41  | 4.56  | 4.64  | 3.84  | 1.21  | 4.89  | 2.55  | 1.58  | 5.03  | 14.05                       |  |
| April .....  | 3.40  | 2.10  | .83   | 3.52  | 1.55  | 1.35  | 2.19  | 1.77  | 1.26  | 2.06  | 7.28                        |  |
| May .....    | 2.92  | .89   | 3.69  | 2.81  | 1.61  | 1.88  | 2.64  | 2.10  | 2.48  | 1.60  | 8.82                        |  |
| June .....   | 3.52  | 2.55  | 3.66  | 1.02  | 2.99  | 1.56  | 2.50  | 1.71  | .94   | .63   | 5.78                        |  |
| July .....   | 2.62  | .14   | 6.19  | 1.35  | 2.43  | 4.67  | 1.80  | 1.28  | 3.18  | 3.93  | 10.19                       |  |
| August ..... | 4.08  | 2.03  | 6.76  | 1.67  | 1.23  | 2.58  | 1.82  | 4.83  | 1.35  | 3.24  | 11.24                       |  |
| September .. | .38   | 2.28  | 1.88  | 3.01  | 2.03  | .87   | 1.55  | 1.29  | 8.03  | 3.13  | 14.00                       |  |
| October ...  | 2.44  | 2.90  | 3.17  | 5.06  | 2.66  | 2.03  | 4.07  | 4.87  | 2.27  | 3.26  | 14.47                       |  |
| November ..  | 4.61  | 4.21  | 1.96  | 3.96  | 4.92  | 3.62  | 4.41  | 3.03  | 1.66  | 2.70  | 11.80                       |  |
| December ... | 4.89  | 6.61  | 5.29  | 2.25  | 7.37  | 8.47  | 3.26  | 1.55  | 5.66  | 6.61  | 17.02                       |  |
| TOTALS ...   | 37.99 | 30.17 | 44.31 | 34.59 | 35.07 | 38.53 | 37.12 | 28.08 | 34.09 | 38.65 | 137.94                      |  |

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

RAINFALL at Sheffield W. R. PivelinCounty of W. R. YorkshireObserver L. S. M. Marsh Esq. C.E.River Basin Cuse-Don 7S. H. Sturley C.E. (1924)Recorder Rain Gauge, by Grossley  
9.99 diam.Staffs. W.S.

|               |       |       |       |       |       |       |       |       |       |      |        |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------|
| Diameter ...  | 10    |       |       |       |       |       |       |       |       |      |        |
| Height .....  | 4.0   |       |       |       |       |       |       | 1'6"  |       |      |        |
| Altitude ...  | 564   |       |       |       |       |       |       |       |       |      |        |
| Year .....    | 1920  | 1921  | 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928  | 1929 | MEANS. |
| January ...   | 3.96  | 3.99  | 4.50  | 2.26  | 2.26  | 4.26  | 3.87  | 2.41  | 7.63  |      |        |
| February ...  | 3.23  | .26   | 3.53  | 7.17  | 1.39  | 5.17  | 2.65  | 1.64  | 4.61  |      |        |
| March .....   | 2.69  | 2.75  | 2.28  | 2.55  | .95   | 1.54  | 1.67  | 4.31  | 5.23  |      |        |
| April .....   | 5.09  | 1.41  | 4.56  | 3.04  | 2.12  | 3.51  | 2.07  | 3.30  | 1.43  |      |        |
| May .....     | 3.35  | 1.35  | .84   | 4.16  | 4.17  | 4.03  | 3.43  | 1.42  | 1.11  |      |        |
| June .....    | 3.47  | .23   | 1.44  | .70   | 2.14  | .11   | 3.35  | 4.61  | 5.49  |      |        |
| July .....    | 4.91  | .57   | 3.95  | 4.82  | 3.88  | 1.63  | 3.49  | 2.46  | 1.07  |      |        |
| August .....  | 1.12  | 5.01  | 7.01  | 3.66  | 4.44  | 3.11  | 2.95  | 3.81  | 5.40  |      |        |
| September...  | 1.49  | 1.09  | 3.00  | 3.11  | 4.10  | 3.21  | 1.93  | 5.23  | .47   |      |        |
| October ..... | 2.27  | 2.59  | 1.09  | 2.82  | 4.80  | 4.24  | 3.80  | 3.30  | 5.91  |      |        |
| November...   | 1.20  | 1.93  | 1.95  | 5.85  | 2.09  | 3.27  | 4.76  | 4.20  | 6.03  |      |        |
| December...   | 3.53  | 4.73  | 4.93  | 3.10  | 3.14  | 3.72  | 1.94  | 3.07  | 2.81  |      |        |
| TOTALS...     | 36.31 | 25.91 | 39.08 | 43.24 | 35.48 | 37.79 | 35.91 | 39.76 | 41.19 | T    |        |

Inspected C.S. 25.9.22 alongside Cassella (M.O.). Mechanism tested periodically.

1920. Observer says the Grossley Gauge at Pivelin, owing to age, has been replaced by a Hyetograph Gauge. See file 660609/26.

XII/30 Inspected see Green File

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



RAINFALL at Sheffield W.R. PavilionCounty of W. R. YorkshireObserver L. S. M. Marsh Esq B.E.River Basin Cuse - Don 7S. H. Studdley CE (1924)(1929) Chamber7.98 Rain Gauge, by  
Cassella (M.O.) } on stone pedestal  
" " } 8.03  
" " } 8.00 WeeklySeafford L.O.

| Diameter ...  | 8     |       |       |       |       |       |       |       |       |       |                |                   |  |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|-------------------|--|
| Height .....  | 4.0   |       |       |       |       |       |       |       | 1'6"  |       |                |                   |  |
| Altitude ...  | 564   |       |       |       |       |       |       |       |       |       |                |                   |  |
| Year .....    | 1920  | 1921  | 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928  | 1929  | 1930<br>MEANS. | 1920-30<br>Totals |  |
| January ...   | 3.11  | 4.06  | 4.86  | 2.30  | 2.28  | 4.45  | 4.04  | 2.43  | 7.83  | 1.87  | 6.03           | 43.31             |  |
| February ...  | 3.33  | 2.7   | 3.64  | 7.25  | 1.49  | 5.51  | 2.74  | 1.67  | 4.93  | .60   | 1.18           | 32.61             |  |
| March .....   | 2.73  | 2.71  | 2.28  | 2.48  | .96   | 1.52  | 1.71  | 4.32  | 3.51  | .19   | 3.57           | 25.78             |  |
| April .....   | 5.15  | 1.41  | 4.55  | 3.11  | 2.12  | 3.47  | 2.04  | 3.35  | 1.51  | 1.52  | 3.40           | 31.63             |  |
| May .....     | 3.30  | 1.34  | .85   | 4.25  | 4.23  | 3.99  | 3.38  | 1.39  | 1.07  | 2.19  | 2.23           | 28.22             |  |
| June .....    | 3.53  | 2.0   | 1.40  | .68   | 1.97  | .10   | 3.34  | 4.55  | 3.46  | 1.65  | 1.48           | 22.36             |  |
| July .....    | 4.93  | .53   | 3.97  | 4.58  | 3.87  | 1.54  | 2.60  | 2.45  | 1.08  | 1.55  | 5.92           | 33.04             |  |
| August .....  | 1.11  | 5.06  | 7.16  | 3.68  | 4.42  | 3.21  | 2.86  | 3.80  | 3.27  | 2.67  | 3.07           | 40.31             |  |
| September...  | 1.50  | 1.03  | 2.94  | 3.07  | 4.11  | 3.18  | 1.92  | 5.19  | 4.0   | 1.70  | 6.12           | 31.16             |  |
| October ..... | 2.30  | 2.60  | 1.06  | 2.75  | 5.00  | 4.27  | 3.84  | 3.37  | 6.05  | 4.44  | 4.17           | 39.85             |  |
| November...   | 1.21  | 1.93  | 2.03  | 6.08  | 2.16  | 3.44  | 4.68  | 4.27  | 6.16  | 7.21  | 3.79           | 42.96             |  |
| December...   | 3.51  | 4.62  | 4.85  | 3.20  | 3.38  | 3.85  | 1.97  | 3.09  | 2.96  | 3.79  | 3.64           | 43.86             |  |
| TOTALS...     | 35.71 | 25.78 | 39.59 | 43.43 | 35.99 | 38.53 | 35.12 | 39.93 | 42.03 | 34.38 | 44.60          | 415.09            |  |

Inspected 25.7.12 in slope hollow, trees 25-30 ft., 60-80 ft N. Low wall N + W.  
Reservoir bank on S & SE falls 10 ft. to water. Trees beyond 100 yds. S.  
Good site. Suggested lowering to 1 ft.

21/30 Inspected see green file

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

RAINFALL at Sheffield W.W. (Rivelin) (+A)County of West RidingObserver Sheffield Corp'n W.W.River Basin Ouse Don-7

Type of Gauge .....

Annual Average 35.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S.

660609/26

|           |       |       |       |       |       |       |       |       |       |       |                          |  |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------|--|
| Diameter  | 8.    |       |       |       |       |       |       |       |       |       |                          |  |
| Height    | 1. 6. |       |       |       |       |       |       |       |       |       |                          |  |
| Altitude  | 564.  |       |       |       |       |       |       |       |       |       |                          |  |
| Year      | 1931  | 1932  | 1933  | 1934  | 1935  | 1936  | 1937  | 1938  | 1939  | 1940  | 1931-40<br>Mean<br>104.1 |  |
| January   | 3.80  | 3.48  | 2.66  | 4.05  | 2.00  | 4.27  | 6.37  | 4.12  | 6.29  | 3.40  | 4044                     |  |
| February  | 4.53  | .46   | 5.49  | .37   | 5.11  | 3.44  | 6.67  | 1.64  | 2.88  | 2.64  | 3320                     |  |
| March     | .30   | 2.58  | 3.20  | 4.10  | 1.68  | 2.89  | 4.00  | .63   | 2.97  | 2.86  | 2521                     |  |
| April     | 4.63  | 4.39  | 1.16  | 2.97  | 3.52  | 2.02  | 2.21  | .29   | 2.58  | 3.39  | 2716                     |  |
| May       | 2.97  | 6.32  | 2.45  | 2.00  | .54   | 1.76  | 3.45  | 2.91  | 1.97  | .95   | 2532                     |  |
| June      | 4.83  | .95   | 1.71  | 1.67  | 3.64  | 3.75  | .95   | 2.61  | 2.22  | .73   | 2306                     |  |
| July      | 4.52  | 5.15  | 2.42  | 2.38  | .98   | 3.91  | 2.84  | 3.73  | 6.60  | 2.96  | 3549                     |  |
| August    | 6.68  | 2.64  | 0.50  | 1.53  | 1.97  | 1.49  | .78   | 2.52  | 2.78  | .56   | 2135                     |  |
| September | 4.56  | 2.29  | 1.53  | 2.15  | 5.01  | 3.73  | 1.47  | 3.05  | 1.84  | 2.09  | 2772                     |  |
| October   | 1.09  | 5.65  | 5.77  | 3.80  | 6.84  | 4.00  | 3.48  | 6.02  | 4.63  | 4.63  | 4591                     |  |
| November  | 5.32  | 3.14  | 2.39  | 2.43  | 7.09  | 4.50  | 2.75  | 4.92  | 6.39  | 8.14  | 4707                     |  |
| December  | 1.82  | 1.46  | 0.70  | 6.15  | 5.11  | 3.51  | 4.14  | 4.03  | 2.40  | 3.71  | 3303                     |  |
| TOTALS    | 45.05 | 38.41 | 29.98 | 33.60 | 43.49 | 39.27 | 39.11 | 36.47 | 43.52 | 36.06 | 38496                    |  |

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

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

Station No. 3116 T.E.

RAINFALL at Sheffield W.W. (Riverside) ft.

41

County of West Riding YorkshireObserver Sheffield W.W.River Basin DonType of Gauge StandardAnnual Average 35.2 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. S.File No. bbobog/al

| Diameter  | 8"         |            |            |            |            |            |            |            |            |            |                 |
|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------------|
| Height    | 1' 6"      |            |            |            |            |            |            |            |            |            |                 |
| Altitude  | 564'       |            |            |            |            |            |            |            |            |            |                 |
| Year      | 1911       | 1912       | 1913       | 1914       | 1915       | 1916       | 1917       | 1918       | 1919       | 1920       | Means<br>Totals |
| January   | 4.82       | 3.33       | 4.90       | 4.52       | 3.76       | 4.76       | (3.68)     | 7.95       | 1.73       | 1.44       | 40.89           |
| February  | (4.52)     | 1.38       | 2.56       | 2.57       | 3.46       | 5.26       | (3.39)     | 3.07       | 2.11       | 6.53       | 34.85           |
| March     | 6.04       | 2.14       | 1.47       | .51        | .72        | 1.59       | (5.55)     | 1.50       | 1.48       | 1.25       | 22.25           |
| April     | 2.24       | 1.90       | 2.49       | 2.58       | 2.09       | 1.51       | 4.23       | 2.16       | 3.32       | 4.29       | 26.81           |
| May       | 3.22       | 4.65       | 3.47       | 3.46       | 3.28       | 2.74       | 3.10       | 1.86       | 1.87       | 1.92       | 29.57           |
| June      | .49        | 1.05       | 2.15       | 2.64       | 3.63       | 4.85       | 2.90       | 4.13       | .85        | 1.37       | 24.06           |
| July      | 3.49       | 2.60       | 1.13       | 2.96       | 1.89       | 2.78       | 2.33       | 1.26       | 4.29       | 2.07       | 24.80           |
| August    | 3.60       | 4.44       | 3.05       | 2.94       | 3.09       | 5.04       | .49        | 5.07       | 1.74       | 3.39       | 32.82           |
| September | .33        | 1.86       | 3.79       | 5.03       | 1.52       | 5.70       | 1.81       | 1.87       | 1.35       | 4.25       | 27.51           |
| October   | 4.67       | 3.21       | 2.30       | 3.96       | 6.18       | 1.73       | .68        | 1.70       | 3.63       | 1.61       | 29.57           |
| November  | 4.02       | 1.65       | 3.22       | 6.54       | .49        | 8.12       | 4.40       | 1.50       | 5.66       | 8.43       | 41.03           |
| December  | 1.34       | 2.77       | 1.91       | 3.51       | 2.40       | 3.86       | 4.83       | 4.26       | 5.83       | 2.08       | 32.79           |
| TOTALS    | 38.68<br>D | 30.98<br>D | 32.44<br>D | 41.22<br>D | 32.45<br>D | 47.94<br>D | 37.39<br>D | 36.33<br>D | 33.89<br>D | 25.63<br>D | 366.95          |

1941 Feb. est'd. by observer.

1947 Jan, Feb 2 mar. ex'd for snow by observer

20004

70004

331.32

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. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|----------------------|-----------------------|
|       |         |       |                  |                     |                      |                |                      |                       |

BRITISH RAINFALL ORGANIZATION



Station No. 3116 71

RAINFALL at Sheffield W.W. (Riviera) + A

51

County of West Riding - Yorks.

Observer

Sheffield Corp. W.W.

River Basin Ouse - Don - 7

Type of Gauge

Snowdon (+A)

Annual Average 35.2 in. based on 35 years obs. un-weighted.

Period of average

1881-1915

Ref. S

37.28. " " " 1916-1950

1916-1959

File No.

60609/26 P

| Diameter ...  | 8"    |       |       | 0.82  | 5.27  |       |       |        |        |       |        |  |
|---------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|--------|--|
| Height ...    | 1' 6" | 1' 0" |       |       |       |       |       | 1' 3"  |        |       |        |  |
| Altitude ...  | 564'  |       |       |       | 51    |       |       |        |        |       |        |  |
| Year ...      | 1951  | 1952  | 1953  | 1954  | 1955  | 1956  | 1957  | 1958   | 1959   | 1960  | Means  |  |
| January ...   | 3.39  | 4.79  | .87   | 3.19  | 2.67  | 6.37  | 2.36  | 3.81   | (3.77) | 6.15  | 37.37  |  |
| February ...  | 4.57  | 1.14  | 2.23  | 2.82  | 2.57  | 1.22  | 3.64  | (5.34) | .09    | 3.02  | 26.64  |  |
| March ...     | 4.86  | 2.31  | 2.20  | 2.62  | 3.75  | 1.48  | 2.74  | 2.79   | 1.81   | 2.68  | 27.24  |  |
| April ...     | 1.53  | 1.96  | 3.18  | .59   | 1.02  | 2.48  | .09   | .99    | 4.09   | 2.08  | 18.01  |  |
| May ...       | 4.05  | 3.02  | 2.50  | 5.74  | 4.25  | .62   | 1.36  | 3.64   | 1.21   | 1.96  | 28.35  |  |
| June ...      | 1.00  | 1.66  | 2.32  | 2.67  | 3.42  | 3.56  | 1.36  | 4.53   | 1.39   | 1.91  | 23.82  |  |
| July ...      | 1.27  | 1.52  | 3.10  | 2.41  | 1.34  | 6.31  | 3.74  | 5.49   | 2.23   | 3.78  | 31.19  |  |
| August ...    | 4.97  | 2.18  | 2.94  | 7.01  | 1.12  | 6.47  | 5.92  | 2.09   | 1.01   | 4.11  | 37.82  |  |
| September ... | 1.83  | 3.64  | 1.67  | 3.38  | 1.35  | 4.27  | 4.97  | 3.56   | .08    | 4.29  | 29.09  |  |
| October ...   | 1.21  | 5.80  | 2.05  | 4.25  | 2.55  | 1.91  | 2.03  | 2.78   | 2.63   | 8.20  | 33.41  |  |
| November ...  | 9.53  | 2.50  | 2.11  | 7.23  | 2.75  | 1.12  | 2.39  | .91    | 4.95   | 5.36  | 38.85  |  |
| December ...  | 4.60  | 3.10  | 1.51  | 5.09  | 4.92  | 4.89  | 4.26  | 5.45   | 5.92   | 4.19  | 43.93  |  |
| TOTALS ...    | 42.86 | 33.62 | 26.68 | 47.00 | 31.71 | 40.70 | 34.86 | 41.38  | 29.18  | 47.73 | 375.72 |  |
|               | D     | D     | D     | D     | D     | D     | D     | D      | D      | D     | D      |  |

Inst. II 1915 J.B.K. of record. Slightly over-shoots NW-NNE 2 to W. No alternative data

2000440004

(43)

Position of Station on Ordnance One-Inch map :

No. of Map 111

National Grid Reference SK 287 869

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, Pn accepted

| Record D, or d | 1910-19 | 1920-30      | 1931-40 | 1941-50    | 1951-60 |
|----------------|---------|--------------|---------|------------|---------|
|                | ✓       | ✓            | ✓       | ✓          |         |
|                |         | 1000 - 20.28 | ✓       | ✓ but d 47 |         |