

RAINFALL AT *Longton The Meir*

80

Lat. ....

Lon. ....

County of *Stafford*

Rain Gauge, by .....

Observer *J B Percy, Esq**Inst. L-4.*

|               |      |      |        |       |       |       |       |       |       |       |       |
|---------------|------|------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| Diameter .... |      |      | 5      |       |       |       |       |       |       |       |       |
| Height .....  |      |      | 1. -   |       |       |       |       |       |       |       |       |
| Altitude .... |      |      | 618 ft |       |       |       |       |       |       |       |       |
| Year .....    | 1880 | 1881 | 1882   | 1883  | 1884  | 1885  | 1886  | 1887  | 1888  | 1889  | MEANS |
| January ...   |      |      | 2.36   | 3.46  | 3.31  | 1.83  | 4.43  | 2.94  | 1.74  | 1.18  |       |
| February ...  |      |      | 2.75   | 2.28  | 1.99  | 2.30  | .84   | .59   | 1.09  | 2.20  |       |
| March .....   |      |      | 2.09   | 1.13  | 2.82  | 1.66  | 3.20  | 1.74  | 3.02  | 2.97  |       |
| April .....   |      |      | 4.83   | 1.60  | 1.34  | 1.88  | 1.62  | 1.10  | 1.56  | 3.12  |       |
| May .....     |      |      | 2.57   | .89   | 1.51  | 2.32  | 5.82  | 2.09  | 1.15  | 3.44  |       |
| June .....    |      |      | 7.38   | 3.83  | 2.41  | 3.23  | 1.07  | 1.44  | 2.83  | 1.22  |       |
| July .....    |      |      | 4.17   | 3.22  | 2.98  | .82   | 3.42  | 1.39  | 5.29  | 2.96  |       |
| August .....  |      |      | 3.41   | 2.39  | 4.03  | 1.86  | 2.12  | 2.38  | 4.08  | 4.06  |       |
| September ... |      |      | 2.15   | 6.44  | 3.12  | 4.34  | 2.89  | 2.75  | 1.07  | 3.98  |       |
| October ....  |      |      | 5.87   | 3.96  | 1.66  | 5.33  | 4.23  | 2.18  | 1.10  | 2.34  |       |
| November ...  |      |      | 5.32   | 3.53  | 2.14  | 3.70  | 2.60  | 1.32  | 4.86  | 1.39  |       |
| December .... |      |      | 5.44   | 1.99  | 2.92  | 1.37  | 4.39  | 2.54  | 2.76  | 2.17  |       |
| TOTALS ....   |      |      | 47.34  | 34.72 | 30.23 | 30.64 | 36.23 | 22.46 | 30.55 | 31.03 |       |

*Canerswall Church 1 1/2 miles NEE*  
*Pig Sty 2 ft 6 in. 15 ft W*

RAINFALL AT *Longton The Meir*Lat. *52° 27'*Long. *2° 25'*County of *Stafford*

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

Observer *J. B. Percy Esq.*Trent, *Lo 4.**G. D. Harrison Esq. C.R.*

|                |              |              |              |              |              |              |              |              |              |              |               |
|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Diameter ....  | 5            |              |              |              |              |              |              |              |              |              |               |
| Height .....   | 10           |              |              |              |              |              |              |              |              |              |               |
| Altitude ....  | <i>618 A</i> |              |              |              |              |              |              |              |              |              |               |
| Year .....     | 1890         | 1891         | 1892         | 1893         | 1894         | 1895         | 1896         | 1897         | 1898         | 1899         | MEANS.        |
| January ....   | <i>3.68</i>  | <i>2.26</i>  | <i>2.27</i>  | <i>2.37</i>  | <i>2.32</i>  | <i>3.96</i>  | <i>1.89</i>  | <i>1.83</i>  | <i>1.80</i>  | <i>4.52</i>  | <i>2.690</i>  |
| February ....  | <i>.50</i>   | <i>.12</i>   | <i>1.49</i>  | <i>3.31</i>  | <i>2.80</i>  | <i>.24</i>   | <i>2.23</i>  | <i>3.22</i>  | <i>2.09</i>  | <i>1.70</i>  | <i>1.990</i>  |
| March .....    | <i>1.98</i>  | <i>1.81</i>  | <i>1.12</i>  | <i>.73</i>   | <i>1.89</i>  | <i>3.19</i>  | <i>3.82</i>  | <i>2.79</i>  | <i>1.17</i>  | <i>1.53</i>  | <i>2.003</i>  |
| April .....    | <i>.79</i>   | <i>2.49</i>  | <i>1.02</i>  | <i>.73</i>   | <i>1.41</i>  | <i>1.98</i>  | <i>1.45</i>  | <i>3.24</i>  | <i>2.55</i>  | <i>2.94</i>  | <i>1.860</i>  |
| May .....      | <i>1.95</i>  | <i>2.98</i>  | <i>2.56</i>  | <i>2.27</i>  | <i>2.18</i>  | <i>.75</i>   | <i>.39</i>   | <i>1.94</i>  | <i>4.89</i>  | <i>2.41</i>  | <i>2.232</i>  |
| June .....     | <i>2.35</i>  | <i>4.10</i>  | <i>3.90</i>  | <i>1.60</i>  | <i>2.68</i>  | <i>1.04</i>  | <i>2.56</i>  | <i>3.35</i>  | <i>1.98</i>  | <i>2.14</i>  | <i>2.570</i>  |
| July .....     | <i>2.41</i>  | <i>2.44</i>  | <i>3.18</i>  | <i>5.57</i>  | <i>2.36</i>  | <i>4.20</i>  | <i>1.26</i>  | <i>.84</i>   | <i>1.75</i>  | <i>2.25</i>  | <i>2.626</i>  |
| August .....   | <i>3.85</i>  | <i>5.24</i>  | <i>3.17</i>  | <i>2.82</i>  | <i>3.45</i>  | <i>4.19</i>  | <i>2.93</i>  | <i>2.96</i>  | <i>4.74</i>  | <i>1.89</i>  | <i>2.524</i>  |
| September .... | <i>.82</i>   | <i>2.54</i>  | <i>2.66</i>  | <i>2.50</i>  | <i>.17</i>   | <i>.77</i>   | <i>5.12</i>  | <i>4.10</i>  | <i>1.34</i>  | <i>2.93</i>  | <i>2.295</i>  |
| October .....  | <i>2.17</i>  | <i>5.52</i>  | <i>4.35</i>  | <i>1.96</i>  | <i>3.28</i>  | <i>2.39</i>  | <i>2.79</i>  | <i>1.43</i>  | <i>2.65</i>  | <i>3.55</i>  | <i>3.009</i>  |
| November ....  | <i>6.14</i>  | <i>3.27</i>  | <i>2.34</i>  | <i>1.75</i>  | <i>2.12</i>  | <i>3.54</i>  | <i>1.46</i>  | <i>3.26</i>  | <i>2.89</i>  | <i>1.49</i>  | <i>2.826</i>  |
| December ....  | <i>.47</i>   | <i>4.91</i>  | <i>2.93</i>  | <i>3.12</i>  | <i>2.69</i>  | <i>3.03</i>  | <i>4.50</i>  | <i>3.76</i>  | <i>2.43</i>  | <i>3.22</i>  | <i>3.106</i>  |
| TOTALS ....    | <i>27.11</i> | <i>37.68</i> | <i>30.99</i> | <i>28.73</i> | <i>27.35</i> | <i>29.28</i> | <i>30.40</i> | <i>32.72</i> | <i>30.28</i> | <i>30.57</i> | <i>30.511</i> |

RAINFALL AT Longton The MeirLat. 52° 27' NLon. 2° 23' WCounty of Stafford

Rain Gauge, by

Observer G. D. Harrison Esq. Ch.Trent, R. bank - 14.J. B. H. Hume Esq. Ch.

|             |        |       |       |       |       |       |       |       |       |       |                |
|-------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Diameter .. | 5      |       |       |       |       |       |       |       |       |       |                |
| Height .... | 10     |       |       |       |       |       |       |       |       |       |                |
| Altitude .. | 618 ft |       |       |       |       |       |       |       |       |       |                |
| Year ....   | 1900   | 1901  | 1902  | 1903  | 1904  | 1905  | 1906  | 1907  | 1908  | 1909  | MEANS.         |
| January ..  | 4.10   | 1.66  | 1.31  | 2.15  | 2.71  | 1.16  | 4.44  | 1.18  | 1.35  | 1.06  | 2.112          |
| February .. | 3.29   | 1.41  | 1.72  | .98   | 2.92  | 1.00  | 2.80  | 1.56  | 1.61  | .62   | 1.791          |
| March ....  | .85    | 2.37  | 2.09  | 4.13  | 1.68  | 3.32  | 1.92  | 1.08  | 2.25  | 3.33  | 2.302          |
| April ..... | 1.79   | 2.42  | 1.74  | 1.78  | 1.79  | 2.03  | 1.64  | 1.26  | 2.21  | 1.83  | 1.849          |
| May .....   | 1.82   | .98   | 2.32  | 2.13  | 1.80  | .44   | 2.31  | 2.70  | 2.43  | 1.20  | 1.813          |
| June .....  | 3.69   | 1.75  | 1.85  | .80   | .89   | 1.34  | 1.91  | 3.31  | 2.90  | 2.69  | 2.113          |
| July .....  | 2.70   | 3.29  | 1.32  | 2.96  | 2.05  | 2.16  | .32   | 3.24  | 2.25  | 2.82  | 2.311          |
| August .... | 4.07   | 3.59  | 2.84  | 4.19  | 3.93  | 4.29  | 1.97  | 3.09  | 3.40  | 1.71  | 3.308          |
| September.. | 1.17   | 1.38  | 1.25  | 4.60  | 1.83  | 1.24  | 1.35  | .59   | 2.19  | 2.79  | 1.839          |
| October.... | 3.40   | 2.58  | 3.29  | 5.72  | 1.39  | 2.17  | 4.53  | 2.89  | 1.18  | 3.73  | 3.088          |
| November .. | 2.91   | 2.36  | 2.18  | 2.71  | 1.75  | 2.94  | 2.30  | 2.41  | 1.45  | .64   | 2.165          |
| December .. | 3.87   | 4.21  | 2.43  | 1.65  | 1.87  | .47   | 3.44  | 2.31  | 2.42  | 4.04  | 2.671          |
| TOTALS ..   | 33.66  | 28.00 | 24.34 | 33.80 | 24.61 | 22.56 | 28.93 | 25.62 | 25.64 | 26.46 | 27.362<br>5.53 |

1909 Not printed - short

this



RAINFALL at Longton The MoriCounty of Staffordshire Observer G. R. H. Loomes, C.E.River Basin West-Left Bank Tributaries 4 R.C. Frainling, C.E.

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

|              |        |       |       |       |       |       |       |       |       |       |        |        |  |
|--------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--|
| Diameter ... | 5      |       |       |       |       |       |       |       |       |       |        |        |  |
| Height ..... | 10     |       |       |       |       |       |       |       |       |       |        |        |  |
| Altitude ... | 618 ft |       |       |       |       |       |       |       |       |       |        |        |  |
| Year ...     | 1910   | 1911  | 1912  | 1913  | 1914  | 1915  | 1916  | 1917  | 1918  | 1919  | MEANS. | Totals |  |
| January ...  | 1.95   | .89   | 4.06  | 3.83  | 2.01  | 3.71  | 1.30  | 2.23  | 1.97  | 3.94  |        | 16.18  |  |
| February ... | 1.57   | 1.76  | 1.30  | .81   | 1.77  | 3.09  | 3.73  | 1.31  | 2.08  | 1.43  |        | 9.44   |  |
| March .....  | .43    | 1.42  | 4.31  | 4.38  | 3.50  | 1.54  | 2.64  | 2.15  | 1.62  | 4.36  |        | 8.55   |  |
| April .....  | 1.99   | 1.24  | .41   | 3.32  | .98   | .88   | 2.19  | 1.85  | 1.07  | 1.67  |        | 10.77  |  |
| May .....    | 2.17   | .49   | 2.10  | 2.10  | 2.37  | 1.25  | 1.85  | 2.95  | 2.04  | .93   |        | 6.79   |  |
| June .....   | 2.03   | 2.34  | 3.95  | 1.72  | 1.08  | 1.80  | 2.27  | 2.79  | 1.13  | 1.74  |        | 7.77   |  |
| July .....   | 3.59   | .37   | 2.96  | 1.10  | 5.96  | 5.67  | 3.75  | 1.19  | 3.60  | 1.91  |        | 7.93   |  |
| August ..... | 4.96   | 1.86  | 6.46  | 2.29  | 2.60  | 2.51  | 2.86  | 5.39  | 2.47  | 2.51  |        | 10.45  |  |
| September .. | .40    | 2.02  | 1.78  | 1.68  | 1.52  | .44   | 1.43  | 1.83  | 5.78  | 3.06  |        | 13.23  |  |
| October ...  | 2.15   | 2.38  | 3.12  | 3.34  | 1.76  | 2.32  | 3.51  | 5.27  | 1.77  | 3.04  |        | 12.10  |  |
| November ..  | 6.15   | 2.17  | 2.60  | 2.55  | 3.26  | 2.21  | 2.66  | 3.01  | 2.19  | 1.97  |        | 13.59  |  |
| December ... | 4.86   | 5.03  | 1.79  | 1.71  | 6.07  | 5.35  | 2.94  | 1.71  | 4.82  | 5.04  |        | 9.83   |  |
| TOTALS ...   | 32.25  | 21.97 | 34.84 | 28.82 | 32.88 | 30.77 | 31.13 | 31.68 | 30.59 | 31.60 |        | 146.55 |  |
|              | 2      | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |        | 125.00 |  |

| Date. | Lat. N.          | Long.    | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|------------------|----------|------------------|-----------|------------|---------|-----------|------------|
|       | 58°<br>52' 27" N | 2° 28' W | Mari             | 1/4 m     | W          | Mari    | 1/2 m     | W          |

RAINFALL at Loxton (The West)County of Staffs. Observer R. E. Frain, Esq. E. E.River Basin 4 - Trent L.Staffs. Porters Water BoardSnowdon Rain Gauge, by

|               |       |       |       |       |       |       |       |       |       |       |              |                  |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|------------------|
| Diameter ...  | 5     |       |       |       |       |       |       |       |       |       |              |                  |
| Height .....  | 1.0   |       |       |       |       |       |       |       |       |       |              |                  |
| Altitude ...  | 618   |       |       |       |       | 617   |       |       |       |       |              |                  |
| Year .....    | 1920  | 1921  | 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928  | 1929  | 1930<br>Mean |                  |
| January ...   | 2.97  | 3.17  | 4.89  | 2.77  | 2.66  | 2.20  | 3.27  | 3.04  | 6.00  | 2.07  | 3.96         | Totals.<br>37.00 |
| February ...  | 2.83  | 2.9   | 2.68  | 5.51  | 1.67  | 4.12  | 3.09  | 1.87  | 3.02  | 4.9   | 5.1          | 26.08            |
| March .....   | 2.0   | 1.57  | 2.43  | 1.82  | 1.31  | 1.05  | 1.32  | 3.19  | 2.09  | 3.6   | 3.19         | 21.33            |
| April .....   | 5.21  | 1.39  | 1.73  | 2.41  | 2.70  | 1.70  | 1.38  | 2.28  | 1.46  | 8.6   | 2.61         | 23.73            |
| May .....     | 3.83  | 1.47  | .80   | 3.55  | 4.01  | 5.11  | 2.92  | 1.82  | 0.67  | 1.94  | 3.74         | 29.86            |
| June .....    | 3.36  | .71   | 1.13  | .81   | 1.96  | .11   | 2.28  | 5.20  | 4.84  | 1.62  | 1.56         | 23.58            |
| July .....    | 5.30  | .94   | 4.25  | 3.27  | 3.90  | 2.44  | 2.59  | 4.16  | 2.03  | 3.35  | 6.97         | 39.80            |
| August .....  | 1.61  | 4.31  | 4.25  | 3.39  | 4.89  | 3.25  | 3.18  | 4.30  | 3.23  | 4.66  | 3.43         | 40.50            |
| September...  | 2.46  | 1.25  | 3.83  | 3.30  | 3.20  | 3.84  | 1.52  | 3.76  | 1.00  | 1.04  | 3.37         | 27.57            |
| October ..... | 2.38  | 2.37  | .48   | 3.22  | 4.03  | 4.41  | 2.42  | 2.51  | 4.41  | 4.36  | 4.30         | 34.27            |
| November...   | 0.85  | 2.09  | 1.36  | 2.33  | 1.85  | 2.15  | 5.03  | 3.37  | 4.80  | 7.19  | 3.39         | 34.41            |
| December...   | 2.79  | 2.54  | 4.69  | 5.13  | 2.70  | 2.14  | 1.01  | 1.82  | 2.55  | 5.01  | 3.41         | 33.79            |
| TOTALS...     | 27.59 | 22.10 | 32.52 | 38.11 | 34.88 | 32.52 | 30.01 | 37.32 | 36.10 | 32.95 | 40.44        | 374.54           |

1927. Ridge 34 ft. high 9 ft. W.  
 Wall 3 .. .. 16 .. W.  
 Building 15 .. .. 67 .. E.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series

No. of Map

Reference No.

| Date.                 | Lat. N.        | Long. W.     | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge | Direction |
|-----------------------|----------------|--------------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| <u>Loxton</u><br>1912 | <u>52° 58'</u> | <u>2° 6'</u> | <u>West</u>      | <u>1/4 m.</u>       | <u>W.</u> | <u>West</u>    | <u>1/2 m.</u>       | <u>W.</u> |

RAINFALL at Longton (The Meir)County of StaffordshireObserver R. C. Frain, Esq., C.E.River Basin Trent - Left Bank tributariesP. Williamson Esq. C.E.Type of Gauge Snowdon\* Annual Average 31.7 in. based on 25 years obs. un-weighted. Period of average 1881-1915. Ref. S.Revised 11/37 Prof. Bundle 423

820632/28

Rev. Inst.

| Diameter  | 5     |       |       |       |       |       |       |       |       |        |         |       |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|---------|-------|
| Height    | 10    |       |       |       |       |       |       |       |       |        |         |       |
| Altitude  | 617   |       |       |       |       |       |       |       |       |        |         |       |
| Year      | 1931  | 1932  | 1933  | 1934  | 1935  | 1936  | 1937  | 1938  | 1939  | 1940   | Totals. | Means |
| January   | 2.98  | 2.99  | 2.21  | 2.45  | 1.86  | 4.72  | 4.25  | 4.18  | 6.07  | (2.22) | 33.93   |       |
| February  | 3.66  | 2.0   | 5.77  | 3.5   | 3.44  | 2.01  | 5.91  | 1.15  | 1.63  | 3.01   | 27.13   |       |
| March     | 1.5   | 2.09  | 2.51  | 2.62  | .79   | 1.96  | 2.47  | .58   | 2.12  | 2.29   | 17.58   |       |
| April     | 3.99  | 3.10  | 1.13  | 1.79  | 3.31  | 2.23  | 3.56  | .13   | 2.14  | 2.46   | 23.84   |       |
| May       | 3.21  | 4.81  | 1.13  | 1.08  | .72   | .53   | 2.70  | 2.16  | 1.43  | 2.33   | 20.10   |       |
| June      | 5.17  | .78   | 2.34  | 1.03  | 3.95  | 3.54  | 1.12  | 1.89  | 1.66  | 1.09   | 22.57   |       |
| July      | 3.35  | 3.33  | 2.90  | 1.71  | .93   | 7.16  | 3.40  | 3.26  | 6.73  | 2.72   | 35.69   |       |
| August    | 6.51  | 1.84  | 1.25  | 3.33  | 1.58  | 1.98  | 1.08  | 2.90  | 1.36  | .94    | 22.77   |       |
| September | 3.40  | 2.63  | 1.37  | 2.23  | 4.93  | 4.07  | 1.53  | 1.66  | 1.18  | 2.05   | 25.05   |       |
| October   | 1.18  | 5.89  | 5.25  | 3.18  | 5.43  | 2.48  | 2.18  | 3.46  | 3.14  | 4.62   | 36.81   |       |
| November  | 5.25  | 2.68  | 1.40  | 2.17  | 5.80  | 3.65  | 1.20  | 4.09  | 5.35  | 8.13   | 39.72   |       |
| December  | 2.05  | 1.20  | 0.33  | 5.93  | 4.57  | 3.14  | 3.77  | 4.18  | 1.52  | 2.97   | 29.96   |       |
| TOTALS    | 40.90 | 31.74 | 27.59 | 27.87 | 37.31 | 37.47 | 33.17 | 29.64 | 34.63 | 34.83  | 335.15  |       |
|           | D.    | D.    | D.    | D.    | D.    | D.    | D.    | D.    | D.    | D.     | D.      |       |

1931. Hedge 3' high 9' N. Wall 3' high 16' W. Buildings 15' high 6' E.

\* The period 1905-15 has been rejected from the survey, and a new average worked up, using Cheddle as ratio station.

1940 Jan &amp; Feb consid. for snow.

gauge had moved 1.141 ft. into a short distance away, with wall of 1.12 ft. etc.

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 |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1931. |         |       | Meir             | 1/2 m               | W.N.W.               | Meir.          | 3/4 m               | W.N.W.               |



Station No. *T.F. 2364*RAINFALL at *Longton (The main)*

41

County of *Staffordshire*Observer *P. Wilkinson Esq. C.E.*River Basin *Leek - Leds Bank 4**Ratified 1946*  
C.V. BRUNN C.E. M.S.M.E. M.T.W.E. (1946)Type of Gauge *Snowdon*Annual Average *31.7* in. based on *35* years obs. un-weighted. Period of average *1881-1915* Ref *S*File No. *82.0632/28*

| Diameter  | 5"    |       |       | 09.3  | 141   |       |       |       |       |       |       |         |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| Height    | 1'0"  |       |       |       | 1     |       |       |       |       |       |       |         |
| Altitude  | 617'  |       |       |       | 41    |       |       |       |       |       |       |         |
| Year      | 1941  | 1942  | 1943  | 1944  | 1945  | 1946  | 1947  | 1948  | 1949  | 1950  | Means | Totals. |
| January   | 2.42  | 3.47  | 5.19  | 3.73  | 2.78  | 2.73  | 2.02  | 6.45  | 1.78  | 1.19  |       | 31.76   |
| February  | 2.86  | 1.67  | 1.26  | 1.34  | 2.82  | 5.50  | .78   | 1.62  | .97   | 5.90  |       | 24.74   |
| March     | 3.47  | 1.84  | .82   | .49   | 1.15  | .96   | 4.76  | 1.09  | 2.25  | 1.60  |       | 18.43   |
| April     | 1.41  | 1.21  | 1.15  | 2.59  | 1.72  | .94   | 2.39  | 2.49  | 2.79  | 3.81  |       | 20.50   |
| May       | 2.86  | 3.78  | 2.99  | 1.13  | 3.63  | 1.70  | 2.68  | 1.92  | 2.59  | .80   |       | 24.07   |
| June      | 1.04  | .37   | 2.98  | 2.49  | 3.30  | 3.05  | 1.82  | 2.47  | .68   | 1.89  |       | 22.12   |
| July      | 4.30  | 3.02  | 1.79  | 3.10  | 1.48  | 2.55  | 3.86  | 2.27  | 1.43  | 3.01  |       | 26.8    |
| August    | 4.73  | 2.75  | 2.83  | 2.42  | 4.47  | 6.00  | .74   | 5.45  | 2.56  | 5.51  |       | 37.46   |
| September | .46   | 2.17  | 3.81  | 4.17  | 1.52  | 5.12  | 1.58  | 3.21  | .52   | 4.50  |       | 27.06   |
| October   | 3.25  | 2.84  | 2.24  | 4.10  | 5.07  | .70   | .57   | 2.39  | 4.41  | 1.06  |       | 26.63   |
| November  | 3.14  | .77   | 2.69  | 5.13  | .39   | 5.77  | 2.90  | 2.13  | 4.09  | 4.50  |       | 31.54   |
| December  | 1.70  | 2.61  | 1.66  | 2.29  | 2.64  | 4.00  | 2.82  | 3.63  | 2.95  | 3.00  |       | 27.30   |
| TOTALS    | 31.68 | 26.50 | 29.41 | 33.01 | 30.97 | 39.02 | 26.92 | 37.12 | 27.02 | 36.77 |       | 315.12  |
|           | D     | D     | D     | D     | D     | D     | D     | D     | D     | D     |       | 41      |

*1950 Ridge 3 1/2 hgt. 9 ft. n. Wall 2 ft. hgt. 16 ft. n. Buildings 15 ft. hgt. 67 ft. E.**92 1.65  
5 3 2*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. 2364 *TA 16*RAINFALL at Longton (The Min) **51**County of GloucestershireObserver C.V. Brown Esq. C.E. M.I.M.E., M.I.W.E.River Basin Trent - Left Bank - 4Type of Gauge Snowdon (Home-made)Annual Average 31.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. 4.5*delete the props  
now to make 1884/10.*File No. 1916-1950  
820632/28 *P*

|               |   |       |       |            |            |       |       |       |       |       |                 |
|---------------|---|-------|-------|------------|------------|-------|-------|-------|-------|-------|-----------------|
| Diameter ...  | <u>32.95 in based on 35 years 1916-1950</u> |       |       |            |            |       |       |       |       |       |                 |
| Height ...    | <u>5"</u>                                   |       |       | <u>093</u> | <u>141</u> |       |       |       |       |       |                 |
| Altitude ...  | <u>1' 0"</u>                                |       |       | <u>1</u>   |            |       |       |       |       |       |                 |
| Year ...      | <u>617</u>                                  |       |       | <u>51</u>  |            |       |       |       |       |       |                 |
|               | 1951  | 1952  | 1953  | 1954       | 1955       | 1956  | 1957  | 1958  | 1959  | 1960  | Means<br>Totals |
| January ...   | 2.48  | 3.60  | 1.00  | 1.80       | 2.65       | 4.02  | 2.53  | 2.65  | 2.67  | 5.12  | 28.52           |
| February ...  | 3.00  | 1.30  | 1.77  | 2.94       | 1.71       | .56   | 2.79  | 4.22  | .55   | 1.90  | 20.74           |
| March ...     | 4.33  | 2.08  | 1.30  | 2.61       | 3.07       | 1.78  | 2.68  | 1.85  | 2.52  | 1.62  | 23.84           |
| April ...     | 2.58  | 3.58  | 3.13  | .94        | 1.69       | 1.59  | .40   | 1.35  | 3.09  | 1.82  | 20.07           |
| May ...       | 3.01  | 2.33  | 2.38  | 2.70       | 3.27       | 1.02  | 1.28  | 4.18  | .68   | 2.97  | 23.82           |
| June ...      | 2.35  | 2.73  | 3.61  | 4.60       | 3.45       | 2.56  | 2.04  | 5.76  | 1.39  | 3.31  | 31.80           |
| July ...      | 1.98  | 3.01  | 3.69  | 4.14       | 1.00       | 4.45  | 5.83  | 4.34  | 1.63  | 3.38  | 39.45           |
| August ...    | 5.33  | 1.79  | 3.10  | 4.96       | 1.07       | 5.74  | 4.98  | 3.09  | .73   | 5.07  | 35.86           |
| September ... | 2.45  | 1.91  | 2.64  | 3.81       | 3.54       | 2.63  | 6.14  | 4.45  | .28   | 6.64  | 32.49           |
| October ...   | .80   | 4.50  | 2.00  | 6.16       | 1.75       | 1.96  | 2.59  | 3.58  | 2.28  | 5.00  | 30.62           |
| November ...  | 9.51  | 1.77  | 2.18  | 5.57       | 2.02       | 1.68  | 1.72  | 1.90  | 3.81  | 4.81  | 34.97           |
| December ...  | 3.57  | 3.52  | 1.37  | 4.08       | 3.33       | 3.60  | 2.17  | 3.38  | 5.02  | 3.23  | 33.27           |
| TOTALS ...    | 41.39                                       | 32.12 | 28.17 | 44.21      | 28.55      | 31.59 | 35.15 | 40.75 | 24.65 | 42.87 | 349.45          |
|               | D   | D     | D     | D          | D          | D     | D     | D     | D     | D     |                 |

ins. ca. 10.53. Home made gauge - mean diameter .20 in. too big. New gauge to be set up 20' WSW of present site.

1953 NP big unorthodox. q. New gauge produced 10.53.

1954. Print. Hedge 3' @ 9' W. wall 8' @ 16' W Buildings 15' @ 67' E.

1955 - Hedge 4' high 52 yds S. Thorn tree 10' high 23 yds N.W. Building 3' 15' high 27 yds E. Sycamore 20' high 20 yds NE.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 57(33)941418

| Date. | Lat. N. | Long. | Railway Station. | Distance Direction from gauge | Parish Church. | Distance Direction from gauge. |
|-------|---------|-------|------------------|-------------------------------|----------------|--------------------------------|
| 1954  |         |       | Mein             | 1/4 m WNW                     | Mein           | 3/4 m W.N.W.                   |

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

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