

# RAINFALL AT *Newport Water Works* 70

Lat.

Lon.

County of

*Monmouth*

Rain Gauge, by

Observer

*G. B. Gething Esq.*
*ink-3.*

|               |       |       |       |       |       |       |       |       |       |       |        |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter....  |       |       |       |       |       | 5     |       |       |       |       |        |
| Height ....   |       |       |       |       |       | 1     |       |       |       |       |        |
| Altitude .... |       |       |       |       |       | 110   |       |       |       |       |        |
| Year ....     | 1870  | 1871  | 1872  | 1873  | 1874  | 1875  | 1876  | 1877  | 1878  | 1879  | MEANS. |
| January ....  | 4.57  | 3.09  | 8.52  | 5.90  | 6.13  | 6.88  | 2.62  | 7.34  | 2.36  | 3.99  |        |
| February ...  | 2.76  | 8.37  | 5.25  | 1.61  | 3.36  | 1.73  | 7.50  | 3.54  | 4.15  | 7.37  |        |
| March .....   | 2.46  | 2.37  | 4.08  | 5.04  | 2.42  | 1.96  | 4.93  | 2.91  | 1.76  | 1.05  |        |
| April .....   | 14    | 5.18  | 1.95  | 00    | 2.30  | 2.83  | 3.32  | 3.92  | 3.65  | 3.46  |        |
| May .....     | 2.41  | 90    | 2.06  | 2.95  | 28    | 3.43  | 20    | 3.94  | 6.45  | 3.11  |        |
| June .....    | 14    | 1.74  | 4.49  | 3.44  | 1.43  | 5.70  | 2.09  | 2.23  | 4.64  | 7.04  |        |
| July .....    | 1.66  | 5.37  | 3.00  | 4.33  | 1.40  | 8.20  | 1.22  | 4.48  | 2.35  | 3.97  |        |
| August ....   | 2.29  | 3.90  | 3.63  | 4.32  | 4.80  | 2.04  | 4.96  | 5.58  | 8.05  | 9.76  |        |
| September ..  | 2.48  | 7.21  | 4.01  | 2.88  | 5.71  | 4.39  | 7.63  | 8.54  | 3.65  | 5.45  |        |
| October ....  | 6.80  | 4.21  | 5.77  | 4.26  | 5.54  | 7.60  | 4.36  | 5.11  | 4.51  | 1.21  |        |
| November ..   | 4.24  | 1.03  | 6.79  | 1.52  | 3.15  | 7.76  | 5.86  | 7.61  | 3.58  | 68    |        |
| December ..   | 2.32  | 3.70  | 6.33  | 1.30  | 4.12  | 2.78  | 9.31  | 3.49  | 3.02  | 2.02  |        |
| TOTALS .....  | 32.27 | 42.07 | 55.88 | 37.53 | 40.64 | 55.30 | 54.00 | 53.69 | 48.17 | 49.11 |        |
|               | D     | D     | D     | D     | D     | D     | D     | D     | D     | D     |        |

*1876 N.R. 1870-4, 1876-9 late/np.*
*Daily values in bound volume, shelf C3, R 14.*

# RAINFALL AT Newfort W. W. Ynis-y-Bro.

Lat.

Lon.

County of

Monmouth

Rain Gauge, by

Observer

J. B. Gelling, Esq.

Wsk - 3.

|                    |       |       |       |       |       |       |       |       |       |       |        |  |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Diameter. . . . .  | 5.    |       |       |       |       |       |       |       |       |       |        |  |
| Height. . . . .    | 1. 0. |       |       |       |       |       |       |       |       |       |        |  |
| Altitude. . . . .  | 110.  |       |       |       |       |       |       |       |       |       |        |  |
| Year. . . . .      | 1870  | 1871  | 1872  | 1873  | 1874  | 1875  | 1876  | 1877  | 1878  | 1879  | MEANS. |  |
| January. . . . .   | .75   | 1.23  | 3.96  | 6.49  | 6.44  | 3.70  | 6.47  | 2.34  | 1.62  | 1.94  |        |  |
| February. . . . .  | 3.50  | 6.57  | 3.42  | 4.29  | 4.53  | 4.55  | .86   | 1.65  | 1.04  | 1.16  |        |  |
| March. . . . .     | 2.81  | 3.77  | 3.41  | .93   | 3.48  | 1.77  | 4.23  | 1.51  | 4.89  | 3.58  |        |  |
| April. . . . .     | 2.38  | .81   | 5.91  | .80   | 1.19  | 2.38  | 2.71  | 2.30  | 1.33  | 4.14  |        |  |
| May. . . . .       | 1.63  | 3.27  | 2.62  | 2.26  | 1.73  | 4.25  | 7.48  | 2.21  | 2.28  | 3.31  |        |  |
| June. . . . .      | 3.27  | 3.23  | 5.62  | 2.61  | 1.76  | 1.78  | .56   | 1.03  | 4.46  | .79   |        |  |
| July. . . . .      | 6.98  | 2.80  | 6.44  | 4.01  | 4.16  | .95   | 4.31  | 1.65  | 7.02  | 4.94  |        |  |
| August. . . . .    | .30   | 6.37  | 4.86  | 2.35  | 2.46  | 1.30  | 1.97  | 1.88  | 3.61  | 4.51  |        |  |
| September. . . . . | 4.18  | 2.07  | 3.72  | 6.08  | 2.45  | 7.08  | 4.23  | 4.74  | 1.10  | 2.92  |        |  |
| October. . . . .   | 5.22  | 3.46  | 7.97  | 3.75  | 1.15  | 5.37  | 5.90  | 2.42  | 1.21  | 3.05  |        |  |
| November. . . . .  | 5.33  | 5.60  | 6.11  | 5.94  | 2.14  | 5.92  | 4.34  | 3.85  | 8.57  | 1.96  |        |  |
| December. . . . .  | 6.04  | 2.10  | 4.97  | 1.36  | 6.26  | 1.89  | 6.18  | 2.86  | 4.85  | 2.11  |        |  |
| TOTALS. . . . .    | 42.39 | 41.28 | 59.01 | 40.87 | 37.75 | 40.94 | 49.26 | 28.44 | 41.98 | 34.41 |        |  |
|                    | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     |        |  |

1880-9 late prep. Daily values in bound volume, shelf C. O. R. 14.

# RAINFALL AT

Newport *Yps. y. p.*

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

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

County of *Monmouth*

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

Observer *The Nat Council*

*use to - 3.*

|               |       |       |       |       |      |       |       |       |       |       |        |  |
|---------------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|--------|--|
| Diameter .... |       |       |       |       |      | 5     |       |       |       |       |        |  |
| Height .....  |       |       |       |       |      | 1     | 0     |       |       |       |        |  |
| Altitude .... |       |       |       |       |      | 115   |       |       |       |       |        |  |
| Year .....    | 1890  | 1891  | 1892  | 1893  | 1894 | 1895  | 1896  | 1897  | 1898  | 1899  | MEANS. |  |
| January ....  | 6.72  | 5.56  | 2.15  | 2.17  | 3.76 | 4.27  | 1.06  | 2.03  | .52   | 4.47  |        |  |
| February .... | .53   | .40   | 2.24  | 5.94  | 5.30 | .09   | .66   | 3.11  | 1.14  | 3.09  |        |  |
| March .....   | 1.42  | 1.43  | 1.25  | .88   | 4.06 | 4.22  | 4.26  | 3.73  | .86   | 1.07  |        |  |
| April .....   | 1.39  | 2.72  | 1.18  | .25   | 2.12 | 3.08  | .73   | 4.76  | 1.63  | 2.87  |        |  |
| May .....     | 2.02  | 5.26  | 1.72  | 2.98  |      | .39   | .10   | 1.26  | 2.88  | 2.08  |        |  |
| June .....    | 1.93  | 2.11  | 2.19  | .66   |      | 1.14  | 2.40  | 2.74  | 1.54  | 1.70  |        |  |
| July .....    | 3.12  | 3.19  | 3.71  | 3.17  |      | 4.40  | 1.63  | 1.45  | 1.41  | .14   |        |  |
| August .....  | 4.47  | 8.60  | 4.24  | 2.57  |      | 4.15  | 1.28  | 7.15  | 3.01  | 1.32  |        |  |
| September.... | 1.35  | 3.07  | 3.95  | 2.13  |      | 1.70  | 6.84  | 4.34  | 2.23  | 2.11  |        |  |
| October ..... | 1.45  | 8.41  | 3.53  | 4.17  |      | 3.40  | 3.54  | 1.64  | 6.82  | 3.02  |        |  |
| November....  | 3.96  | 3.84  | 3.87  | 1.73  |      | 5.78  | .84   | 2.68  | 4.09  | 3.51  |        |  |
| December .... | 1.46  | 6.67  | 1.93  | 4.90  |      | 4.14  | 5.41  | 4.85  | 3.57  | 2.30  |        |  |
| TOTALS ....   | 29.82 | 48.86 | 31.96 | 31.55 |      | 36.76 | 28.75 | 39.74 | 29.70 | 27.68 |        |  |
|               | 3     | 11    | 3     | 3     | 3    | 11    | 3     | 11    | 11    | 11    |        |  |

*2 Daily values in bound volume, chaff C3, R 14.*



# RAINFALL AT *Newport Ynis-y-fro*

Lat. ....

Lon. ....

County of *Monmouth*

*Symms's Standard* Rain Gauge, by *unk* *tc.-3*

Observer *The Meteor Council*  
*C Cullum Day*

|              |       |       |       |       |       |       |       |       |       |       |        |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter ..  | 5     |       |       |       |       |       |       |       |       |       |        |
| Height ....  | 1.0   |       |       |       |       |       |       |       |       |       |        |
| Altitude ..  | 115   |       |       |       |       |       |       |       | 130   |       |        |
| Year ....    | 1900  | 1901  | 1902  | 1903  | 1904  | 1905  | 1906  | 1907  | 1908  | 1909  | MEANS. |
| January ..   | 4.76  | 1.60  | 1.92  | 5.28  | 4.46  | .97   | 6.45  | 2.50  | 1.44  | 1.12  | 3.050  |
| February ..  | 7.24  | .82   | 2.04  | 1.91  | 5.83  | .78   | 3.55  | 1.42  | 1.24  | .63   | 2.546  |
| March ....   | 1.24  | 2.00  | 2.09  | 4.75  | 1.66  | 4.63  | 1.99  | 1.58  | 2.33  | 4.99  | 2.726  |
| April .....  | 1.19  | 4.63  | 2.09  | 2.11  | 1.83  | 2.78  | 1.10  | 3.07  | 2.20  | 1.81  | 2.2191 |
| May .....    | 2.10  | .96   | 1.75  | 3.59  | 2.80  | .15   | 3.25  | 3.23  | 2.08  | 1.24  | 2.115  |
| June .....   | 1.96  | 2.52  | 3.02  | 2.07  | 1.27  | 3.48  | 2.88  | 3.52  | .74   | 2.04  | 2.350  |
| July .....   | 1.33  | 2.73  | 1.40  | 2.86  | 4.58  | .51   | .62   | 3.17  | 2.68  | 1.80  | 2.168  |
| August ....  | 3.89  | 3.20  | 4.49  | 4.92  | 2.71  | 4.60  | 2.27  | 2.55  | 6.57  | 2.20  | 3.640  |
| September .. | 1.04  | 2.37  | 2.12  | 3.70  | 3.06  | 1.95  | 1.00  | .71   | 2.03  | 3.66  | 2.164  |
| October .... | 4.97  | 1.77  | 3.66  | 8.90  | 1.08  | 2.16  | 6.57  | 4.70  | 1.47  | 5.33  | 4.061  |
| November ..  | 3.88  | .81   | 4.50  | 1.52  | 2.12  | 3.32  | 3.14  | 3.06  | 1.42  | 1.92  | 2.569  |
| December ..  | 6.58  | 6.24  | 4.03  | 3.20  | 3.17  | 1.22  | 1.74  | 4.55  | 3.38  | 5.92  | 4.000  |
| TOTALS ..    | 40.15 | 29.65 | 33.11 | 44.81 | 34.57 | 26.55 | 34.56 | 34.06 | 26.68 | 32.66 | 33.680 |

1908 *Bettws Church* 1 mile N.W.  
*Angerstone Station* 1½ " S.W.  
*Home* 25ft high 50 yards W

*Daily values in found volume, shelf c 3, R. 114*

*H. 114*

RAINFALL at Newport Gwent old gaugeCounty of Monmouth Observer Newport CorporationRiver Basin Uk + C 3<sup>Copper</sup>  
Smiden Rain Gauge, by

An. A. 1916-27 37.85" 6" Low. (1916-50)

| Diameter ... | 5     |       |       |       |       |       |       |       |       |       |        |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height ..... | 10    |       |       |       |       |       |       |       |       |       |        |
| Altitude ... | 130 T |       |       |       |       |       |       |       | 136   |       |        |
| Year ...     | 1910  | 1911  | 1912  | 1913  | 1914  | 1915  | 1916  | 1917  | 1918  | 1919  | MEANS. |
| January ...  | 3.55  | 1.30  | 4.45  | 6.42  | 1.76  | 3.46  | 3.47  | 1.33  | 4.40  | 5.34  |        |
| February ... | 3.96  | 3.56  | 2.66  | 1.68  | 4.51  | 5.69  | 5.47  | 1.54  | 2.75  | 4.84  |        |
| March .....  | .99   | 1.82  | 5.88  | 5.06  | 4.38  | 1.63  | 4.20  | 3.59  | 2.83  | 5.39  |        |
| April .....  | 1.88  | 2.41  | .25   | 5.15  | 2.89  | 1.25  | 1.60  | 1.63  | 2.69  | 1.54  |        |
| May .....    | 1.85  | 1.49  | 1.95  | 2.45  | 1.91  | 2.89  | 4.61  | 3.81  | 1.91  | .41   |        |
| June .....   | 3.68  | 1.85  | 5.65  | 1.47  | 2.83  | .79   | 3.36  | 2.90  | 1.09  | .97   |        |
| July .....   | 1.90  | .29   | 3.42  | .21   | 5.62  | 5.28  | 1.84  | 2.02  | 4.61  | 2.46  |        |
| August ..... | 4.61  | 2.68  | 6.97  | 1.09  | 2.82  | 1.94  | 4.16  | 7.84  | 2.83  | 5.59  |        |
| September .. | .16   | 1.55  | .72   | 3.41  | 1.88  | 1.22  | 1.68  | 2.99  | 9.60  | 1.87  |        |
| October ...  | 3.46  | 3.66  | 4.73  | 4.59  | 2.45  | 4.90  | 8.75  | 5.84  | 2.69  | 2.65  |        |
| November ..  | 5.33  | 5.39  | 2.17  | 4.51  | 4.99  | 2.57  | 3.73  | 1.87  | 2.68  | 2.17  |        |
| December ... | 4.60  | 7.64  | 5.59  | 1.67  | 7.97  | 10.09 | 3.68  | 1.02  | 5.68  | 5.94  |        |
| TOTALS ...   | 35.97 | 33.64 | 44.44 | 37.71 | 44.01 | 41.11 | 46.57 | 36.38 | 43.76 | 36.97 |        |

1911 not printed - short  
 1912 - - Bad  
 1913 - - Small  
 1914 - - Bad

1910-15 Daily values in bound volume, shelf C5, R.14.  
 see New gauge

Inspected } Copperhead in perfect condition, on edge of steep bank above 15 ft above water  
 H.M. 5.11.17 } on N. side of Res., about 1/4 distance from W. end.

N.G.R. 285893

| Date. | Lat. N. | Long.    | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|----------|------------------|-----------|------------|---------|-----------|------------|
| 1911  | 51° 35' | 3° 20' W | Bassaleny        | 1 1/4     | S          | Bettws  | 3/4       | N E        |

RAINFALL at Newport Gravel Res New GaugeCounty of Monmouth Observer Newport CorporationRiver Basin Uk + C 3Inspector Supton Rain Gauge, by \_\_\_\_\_An. An. 43.68" 1916-55 ex '41'49'51' & '55 (1916-50)

| Diameter ... | 5     |       |       |       |       |       |       |       |       |       |        |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height ..... | 1     | 0     |       |       |       |       |       |       |       |       |        |
| Altitude ... | 180   |       |       |       |       |       |       |       |       |       |        |
| Year ...     | 1910  | 1911  | 1912  | 1913  | 1914  | 1915  | 1916  | 1917  | 1918  | 1919  | MEANS. |
| January ...  | 5.11  | 1.66  | 5.55  | 7.96  | 2.01  | 3.46  | 3.73  | 1.42  | 4.82  | 6.33  |        |
| February ... | 5.76  | 4.35  | 3.45  | 2.28  | 4.86  | 5.39  | 5.87  | 1.61  | 3.22  | 5.52  |        |
| March .....  | 1.47  | 2.30  | 7.05  | 6.54  | 5.00  | 1.33  | 4.47  | 3.77  | 3.11  | 6.26  |        |
| April .....  | 2.51  | 3.07  | .37   | 6.26  | 3.17  | 1.25  | 1.77  | 1.80  | 2.97  | 2.07  |        |
| May .....    | 2.28  | 1.86  | 2.48  | 3.21  | 2.23  | 2.89  | 4.90  | 4.00  | 2.13  | .52   |        |
| June .....   | 4.39  | 2.43  | 6.76  | 1.86  | 2.94  | .79   | 3.51  | 3.12  | 1.16  | 1.14  |        |
| July .....   | 2.46  | .29   | 4.14  | .33   | 5.98  | 5.28  | 1.90  | 2.22  | 5.03  | 2.71  |        |
| August ..... | 5.78  | 3.22  | 4.33  | 1.50  | 3.15  | 1.94  | 4.35  | 8.40  | 3.13  | 3.77  |        |
| September .. | .25   | 1.97  | .89   | 3.99  | 2.17  | 1.22  | 1.80  | 3.26  | 10.45 | 2.25  |        |
| October ...  | 4.48  | 4.53  | 5.64  | 5.49  | 2.74  | 4.90  | 9.27  | 6.48  | 3.37  | 2.87  |        |
| November ... | 6.43  | 6.68  | 2.76  | 5.45  | 5.54  | 2.57  | 4.03  | 2.18  | 3.06  | 2.30  |        |
| December ... | 5.50  | 9.26  | 7.65  | 1.95  | 8.68  | 10.09 | 3.87  | 1.19  | 6.44  | 6.88  |        |
| TOTALS ...   | 46.52 | 41.62 | 55.07 | 46.82 | 48.47 | 41.11 | 47.47 | 39.45 | 48.89 | 42.62 | 46.004 |
|              | 3     | 2     |       |       |       | 7     | 40    |       | 3     | 0     |        |

Gauge other end of Reservoir from O.B.  
 1912 House 25 ft high 400 ft 45 ft NW

N.G.R. 285889

Inspected } On bank at S. of Res. about 4 ft. above top water level. This is a shallow  
 when S.W. } river gauge and was formerly the "old gauge" but moved here, and the new  
 below is a more gentle slope and should give better results with an equally good gauge. The bank

| Date. | Lat. N. | Long.    | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|----------|------------------|-----------|------------|---------|-----------|------------|
| 1911  | 51° 30' | 3° 20' W | Bassaleys        | 1 1/4 m   | S          | Battus  | 1/2 m     | NW         |



RAINFALL at Newport W. W. J. nio y. po (Old Gauge) <sup>20</sup>County of MonmouthObserver Newport CorporationRiver Basin Usk & C.Coppasdon Rain Gauge, by \_\_\_\_\_

An. Av. 1916-27 37.85" 6" Low (1916-50)

|               |       |       |       |       |       |       |       |       |      |           |        |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|--------|
| Diameter ...  | 5     |       |       |       |       |       |       |       |      |           |        |
| Height .....  | 1     | 0     |       |       |       |       |       |       |      |           |        |
| Altitude ...  | 136   |       |       |       |       |       |       |       |      |           |        |
| Year .....    | 1920  | 1921  | 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928 | 1929      | MEANS. |
| January ...   | 5.44  | 3.80  | 3.53  | 1.77  | 4.43  | 3.69  | 6.91  | 4.01  | 8.56 |           |        |
| February ...  | 1.16  | .09   | 4.33  | 6.88  | .46   | 5.03  | 2.54  | 3.23  | 3.87 |           |        |
| March .....   | 3.70  | 1.97  | 4.08  | 1.67  | 1.86  | .20   | .34   | 3.43  | 4.56 |           |        |
| April .....   | 4.97  | .52   | 2.65  | 2.72  | 3.26  | 2.11  | 2.18  | 1.46  | 1.28 |           |        |
| May .....     | 3.63  | 1.83  | 1.19  | 1.85  | 5.35  | 4.64  | 1.71  | .97   | 1.09 |           |        |
| June .....    | 3.31  | .21   | .81   | .69   | 2.11  | .01   | 2.05  | 3.67  | 2.46 |           |        |
| July .....    | 5.36  | 1.16  | 4.03  | 1.91  | 5.90  | 3.83  | 2.19  | 5.17  | #    |           |        |
| August .....  | 1.95  | 3.15  | 3.15  | 3.43  | 5.61  | 4.40  | 3.70  | 4.59  |      |           |        |
| September...  | 3.14  | 2.61  | 1.89  | 2.63  | 6.53  | 4.61  | .90   | 6.08  |      |           |        |
| October ..... | 3.15  | 1.83  | 1.09  | 5.19  | 5.73  | 4.62  | 3.30  | 4.17  |      |           |        |
| November...   | 2.33  | 3.04  | 1.93  | 3.34  | 3.07  | 1.97  | 7.54  | 4.43  |      |           |        |
| December...   | 5.07  | 2.76  | 5.76  | 3.20  | 6.83  | 3.18  | .29   | 2.81  |      |           |        |
| TOTALS...     | 43.21 | 22.97 | 34.44 | 35.28 | 51.14 | 38.38 | 33.65 | 44.02 | #    | f660606ps |        |

1920. Hedge, below level of gauge. 10 ft. away.

1921 " " " "

1922 " " " "

1923 not printed, Check Gauge.

1924 not printed, check 5.

1925 " " " "

1926 " " " "

1927 " " " "

Data not required unless suitable rule obtained 10 ft. f 660606ps.

Inspected '17

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

No. of Map \_\_\_\_\_

Reference No. 285893

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1920  | 51°35'  | 3°    | Bristolleg.      | 1 1/4 in            | S.        | Rallies        | 3/4 in              | N.W.      |

4014 20

*Newport*  
RAINFALL at *Ynis-y-fro (New gauge)*

County of *Monmouth*Observer *Newport Corporation*River Basin *Uk & 3**Inwoodon* Rain Gauge, by \_\_\_\_\_An. Av. *43.68* " *36 m. within*  
*1916-55* (1916-50)

|               |       |       |       |       |       |       |       |       |       |       |                 |  |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|--|
| Diameter ...  | 5     |       |       |       |       |       |       |       |       |       |                 |  |
| Height .....  | 1.0   |       |       |       |       |       |       |       |       |       |                 |  |
| Altitude ...  | 130   | 136   | 130   |       |       |       |       |       |       |       |                 |  |
| Year .....    | 1920  | 1921  | 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928  | 1929  | Means.<br>1930. |  |
| January ...   | 6.41  | 5.32  | 4.49  | 2.34  | 5.28  | 4.73  | 8.18  | 4.81  | 9.93  | 1.66  | 7.45            |  |
| February ...  | 1.48  | 1.2   | 5.50  | 8.77  | 6.1   | 6.22  | 3.11  | 3.99  | 4.72  | 1.44  | 5.7             |  |
| March .....   | 4.43  | 2.95  | 5.01  | 2.05  | 2.28  | 3.4   | 4.5   | 4.06  | 5.26  | .68   | 3.26            |  |
| April .....   | 5.57  | 6.5   | 3.35  | 3.34  | 4.02  | 2.50  | 2.70  | 1.77  | 1.52  | .82   | 3.76            |  |
| May .....     | 4.14  | 2.23  | 1.56  | 2.24  | 6.13  | 5.36  | 2.20  | 1.10  | 1.25  | 3.48  | 2.07            |  |
| June .....    | 3.57  | 1.4   | 9.8   | .86   | 2.60  | .01   | 2.50  | 4.09  | 2.91  | 2.59  | 1.12            |  |
| July .....    | 6.10  | 1.17  | 5.28  | 2.29  | 6.66  | 4.54  | 2.45  | 5.76  | 2.91  | 2.42  | 3.93            |  |
| August .....  | 2.16  | 3.80  | 4.10  | 3.95  | 6.34  | 5.17  | 4.33  | 5.27  | 3.98  | 3.65  | 6.15            |  |
| September...  | 3.51  | 3.10  | 2.84  | 3.17  | 7.64  | 5.51  | 1.10  | 6.90  | .99   | .63   | 5.16            |  |
| October ..... | 3.68  | 2.13  | 1.57  | 6.26  | 6.74  | 5.62  | 3.91  | 4.73  | 8.88  | 6.72  | 5.42            |  |
| November...   | 2.78  | 3.78  | 2.84  | 3.97  | 3.77  | 2.49  | 8.95  | 5.09  | 6.29  | 13.16 | 4.51            |  |
| December...   | 6.34  | 3.32  | 7.27  | 3.77  | 8.13  | 4.06  | .38   | 3.40  | 5.25  | 9.97  | 5.58            |  |
| TOTALS...     | 50.17 | 28.71 | 44.55 | 43.01 | 60.20 | 46.55 | 40.26 | 50.97 | 53.89 | 47.22 | 48.98           |  |

Gauge at end of reservoir from o.s.

1912, house 25 ft. high 400 ft. N.W. to N.W.

Inspected 17

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

No. of Map \_\_\_\_\_

Reference No. *285889*

| Date.       | Lat. N.      | Long.       | Railway Station. | Distance from gauge | Direction from gauge | Parish Church. | Distance from gauge | Direction from gauge |
|-------------|--------------|-------------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| <i>1920</i> | <i>51.35</i> | <i>3.14</i> | <i>Bassally</i>  | <i>1 1/4 m.</i>     | <i>S</i>             | <i>Beltus</i>  | <i>2 1/4 m.</i>     | <i>N.W.</i>          |



RAINFALL at Newport W.W. (Ynis-y-fro Reservoir.) No. 1County of Monmouth.Observer Newport Corporation.River Basin 2-644 & C.

Type of Gauge.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

660606/26

| Diameter .....  | 5.    |       |       |       |       |       |       |       |       |       |        |   |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|---|
| Height .....    | 1.0.  |       |       |       |       |       |       |       |       |       |        |   |
| Altitude .....  | 130   |       |       |       |       |       |       |       |       |       |        |   |
| Year .....      | 1931  | 1932  | 1933  | 1934  | 1935  | 1936  | 1937  | 1938  | 1939  | 1940  | Means  |   |
| January .....   | 3.04  | 6.56  | 2.88  | 4.72  | 7.4   | 5.11  | 4.69  | 6.12  | 7.75  | 3.78  | 4.539  |   |
| February .....  | 3.05  | 10    | 4.48  | .66   | 4.07  | 2.45  | 6.76  | 1.39  | 2.59  | 4.15  | 2.970  |   |
| March .....     | 1.24  | 2.60  | 4.37  | 2.33  | 1.01  | 3.94  | 4.14  | .37   | 1.70  | 3.30  | 2500   |   |
| April .....     | 3.36  | 4.41  | 1.86  | 3.10  | 6.86  | 3.29  | 3.90  | .12   | 3.95  | 2.89  | 3.374  |   |
| May .....       | 7.22  | 6.70  | 3.15  | 1.54  | .88   | 1.44  | 2.62  | 3.71  | 1.19  | 2.76  | 3121   |   |
| June .....      | 4.15  | 1.77  | 1.41  | 1.75  | 5.55  | 3.99  | 1.66  | 2.22  | 2.01  | 1.01  | 2552   |   |
| July .....      | 4.02  | 3.51  | 2.66  | .87   | .82   | 9.12  | 4.43  | 4.47  | 7.54  | 5.39  | 4.283  |   |
| August .....    | 4.74  | 2.36  | 1.57  | 4.07  | 1.92  | 1.01  | 2.48  | 4.14  | 2.39  | .16   | 2.482  |   |
| September ..... | 1.67  | 5.13  | 2.31  | 3.43  | 8.97  | 3.12  | 1.99  | 2.02  | 1.28  | 1.19  | 3.11   |   |
| October .....   | .79   | 7.45  | 4.70  | 3.27  | 6.73  | 1.67  | 4.00  | 7.68  | 3.38  | 6.91  | 4.658  |   |
| November .....  | 8.05  | 2.38  | 0.92  | 1.90  | 6.70  | 4.68  | 3.02  | 6.43  | 8.38  | 8.70  | 5106   |   |
| December .....  | 2.45  | 2.80  | 2.20  | 11.28 | 4.14  | 5.90  | 3.12  | 4.41  | 2.44  | 1.99  | 4.073  |   |
| TOTALS .....    | 43.78 | 45.77 | 32.61 | 38.92 | 48.39 | 45.62 | 42.81 | 43.08 | 44.60 | 42.23 | 42.771 | ✓ |

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, EXHIBITION ROAD, LONDON, S.W.7.

Station No.

4014

Tr

RAINFALL at Newport W.W. (Ynys-y-fro-Reservoir) No. 1.

41

County of Monmouth

Observer Newport Corporation

River Basin 3-46k + c.

Type of Gauge

Annual Average (42) in, based on 36 years obs. un-weighted. Period of average 1916-50 Ref.

43.68

File No. 6606.06/26

|           |            |            |            |            |            |            |            |            |            |            |       |  |
|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------|--|
| Diameter  | 5          |            |            |            | 486        | 601        |            |            |            |            |       |  |
| Height    | 10         |            |            |            |            | 1          |            |            |            |            |       |  |
| Altitude  | 130        |            |            |            |            | 41         |            |            |            |            |       |  |
| Year      | 1941       | 1942       | 1943       | 1944       | 1945       | 1946       | 1947       | 1948       | 1949       | 1950       | Means |  |
| January   | 4.54       | 4.62       | 8.17       | 4.35       | 3.48       | 5.61       | 3.58       | 8.79       | 1.28       | 1.25       |       |  |
| February  | 3.96       | 2.7        | 1.86       | 4.8        | 5.18       | 2.74       | 1.11       | 2.01       | 1.96       | 7.18       |       |  |
| March     | 2.62       | 2.91       | 1.59       | 1.6        | 2.04       | 1.39       | 3.38       | 1.71       | 1.97       | 2.64       |       |  |
| April     | 1.10       | 1.99       | 1.15       | 2.61       | 2.22       | 2.12       | 3.44       | 2.96       | 2.97       | 2.22       |       |  |
| May       | 2.10       | 5.63       | 4.39       | 1.01       | 3.53       | 4.10       | 2.72       | 3.68       | 3.28       | 2.40       |       |  |
| June      | 2.19       | 1.0        | 1.98       | 2.97       | 4.24       | 4.22       | 2.24       | 2.98       | 57         | 1.46       |       |  |
| July      | 3.11       | 2.20       | 2.66       | 2.97       | 3.26       | 2.02       | 2.30       | 1.55       | 1.40       | 5.26       |       |  |
| August    | 5.43       | 5.25       | 4.31       | 2.77       | 4.97       | 7.09       | 1.14       | 4.10       | 2.73       | 6.90       |       |  |
| September | 4.1        | 3.73       | 4.11       | 5.84       | 3.24       | 5.89       | 1.94       | 3.66       | 2.40       | 5.87       |       |  |
| October   | 2.40       | 2.52       | 2.53       | 5.20       | 5.01       | 1.35       | 1.12       | 4.97       | 8.19       | 1.71       |       |  |
| November  | 2.19       | 1.08       | 2.66       | 8.03       | 1.96       | 6.51       | 4.24       | 2.25       | 4.02       | 5.82       |       |  |
| December  | 3.26       | 4.26       | 2.63       | 2.64       | 6.70       | 5.08       | 2.52       | 5.49       | 2.84       | 2.68       |       |  |
| TOTALS    | 33.31<br>D | 34.56<br>D | 38.66<br>D | 33.03<br>D | 44.83<br>D | 48.12<br>D | 34.73<br>D | 44.15<br>D | 33.61<br>D | 45.39<br>D |       |  |

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

No. of Map

Reference No. 32.28889

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

RAINFALL at NEWPORT W.W. (YNY5 - Y - FRO - RESERVOIR) No. 1 Station No. 4014 T.F. 53
County of MONMOUTHSHIRE Observer NEWPORT CORPORATIONRiver Basin 3 - Usk + C

Type of Gauge

Annual Average 43.68 in. based on 36 years obs. ~~wt~~-weighted. Period of average 1916-50 Ref.File No. 660606/26

|               |            |                 |            |            |                 |      |      |      |      |      |       |  |
|---------------|------------|-----------------|------------|------------|-----------------|------|------|------|------|------|-------|--|
| Diameter ...  | 5"         |                 |            |            | 486             | 601  |      |      |      |      |       |  |
| Height ...    | 1' 0"      |                 |            |            |                 |      | 1    |      |      |      |       |  |
| Altitude ...  | 130'       |                 |            |            | 90              | 51   |      |      |      |      |       |  |
| Year ...      | 1951       | 1952            | 1953       | 1954       | 1955            | 1956 | 1957 | 1958 | 1959 | 1960 | Means |  |
| January ...   | 4.92       | 3.66            | 1.22       | 3.03       | 4.18            | 4.68 |      |      |      |      |       |  |
| February ...  | 4.16       | .56             | 1.75       | 5.22       | 2.12            | .22  |      |      |      |      |       |  |
| March ...     | 3.80       | 2.48            | 1.71       | 4.74       | 1.99            | .93  |      |      |      |      |       |  |
| April ...     | 3.26       | 2.95            | 4.71       | .58        | 1.70            | 1.00 |      |      |      |      |       |  |
| May ...       | 2.64       | 4.21            | 3.58       | 2.56       | 4.98            |      |      |      |      |      |       |  |
| June ...      | 1.04       | 1.97            | 2.37       | 5.81       | 3.27            |      |      |      |      |      |       |  |
| July ...      | .92        | 2.84            | 5.08       | 2.95       | .24             |      |      |      |      |      |       |  |
| August ...    | 5.07       | 6.47            | 5.59       | 5.28       | .78             |      |      |      |      |      |       |  |
| September ... | 4.13       | 3.69            | 5.22       | 5.47       | 1.71            |      |      |      |      |      |       |  |
| October ...   | 1.56       | 5.77            | 3.79       | 7.06       | 2.01            |      |      |      |      |      |       |  |
| November ...  | 8.37       | 4.44            | 3.23       | 9.14       | 3.67            |      |      |      |      |      |       |  |
| December ...  | 3.52       | 3.34            | 1.43       | 4.03       | 5.46            | 1.00 |      |      |      |      |       |  |
| TOTALS ...    | 43.39<br>D | 42.38<br>n.p. D | 39.68<br>D | 55.87<br>D | 32.11<br>D n.p. | 1.00 |      |      |      |      |       |  |

1952 gauge, installed in April 1952, was on reservoir embankment - exposed and affected by strong in strong weather.  
 1.752. New site adopted (see over for plan) for new gauge. Old gauge moved to 4014/1.  
 31.3.56. Gauge discontinued 1955 record looks low :: n.p. (Engr. dissatisfied with this record).

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 31-285889

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

Summary of Earlier Records from 10-year Sheets :

| Record D, or d | 1910-19  | 1920-30 | 1931-40    | 1941-50 | 1951-60 |
|----------------|--|---------|------------|---------|---------|
|                | 1910-11 D<br>1912-14 -<br>1915 D<br>1916 n.p.<br>1917 D<br>1918 1919 D | D       | D<br>-1932 | D       |         |