

## RAINFALL AT

Birmingham W. W. Abernethy

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

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

County of

Radnor

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

Observer

E. Anthony Esq

Wye - 1 -

|              |      |      |      |      |      |      |      |      |       |       |        |
|--------------|------|------|------|------|------|------|------|------|-------|-------|--------|
| Diameter ... |      |      |      |      |      |      |      |      | 5     |       |        |
| Height ..... |      |      |      |      |      |      |      |      | 10    |       |        |
| Altitude ... |      |      |      |      |      |      |      |      | 1250  |       |        |
| Year ...     | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908  | 1909  | MEANS. |
| January ...  |      |      |      |      |      |      |      |      | 4.40  | 4.60  |        |
| February ... |      |      |      |      |      |      |      |      | 4.10  | 1.70  |        |
| March .....  |      |      |      |      |      |      |      |      | 5.60  | 4.20  |        |
| April .....  |      |      |      |      |      |      |      |      | 3.25  | 4.80  |        |
| May .....    |      |      |      |      |      |      |      |      | 4.10  | 2.25  |        |
| June .....   |      |      |      |      |      |      |      |      | 2.60  | 2.60  |        |
| July .....   |      |      |      |      |      |      |      |      | 5.50  | 5.50  |        |
| August ..... |      |      |      |      |      |      |      |      | 6.15  | 2.40  |        |
| September .. |      |      |      |      |      |      |      |      | 4.90  | 4.50  |        |
| October ...  |      |      |      |      |      |      |      |      | 2.80  | 8.80  |        |
| November ..  |      |      |      |      |      |      |      |      | 5.05  | 2.50  |        |
| December ... |      |      |      |      |      |      |      |      | 5.45  | 8.40  |        |
| TOTALS ...   |      |      |      |      |      |      |      |      | 53.90 | 52.35 |        |

W. W.

RAINFALL at Birmingham W. A. AbernethyCounty of RadnorObserver E. Antony/lesRiver Basin Wye 1

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

| Diameter ... | 5     |       |       |         |       |        |         |         |       |        |                             |
|--------------|-------|-------|-------|---------|-------|--------|---------|---------|-------|--------|-----------------------------|
| Height ..... | 1.0   |       |       |         |       |        |         |         |       |        |                             |
| Altitude ... | 1250  |       |       |         |       |        |         |         |       |        |                             |
| Year ...     | 1910  | 1911  | 1912  | 1913    | 1914  | 1915   | 1916    | 1917    | 1918  | 1919   | 1916-19<br>Means.<br>Totals |
| January ...  | 5.65  | 2.15  | 5.80  | 8.50    | 6.70  | (8.60) | 4.90    | 2.90    | 4.90  | (6.35) | 19.05                       |
| February ... | 6.95  | 4.40  | 2.80  | 2.55    | 5.90  | 7.95   | (4.80)  | 1.65    | 5.50  | (2.80) | 17.75                       |
| March .....  | 1.73  | 3.35  | 8.60  | 7.75    | 9.15  | 1.95   | 3.05    | 3.00    | 3.70  | 7.25   | 17.00                       |
| April .....  | 6.45  | 2.70  | .80   | (7.33)  | 2.30  | 3.05   | 6.55    | (3.35)  | 1.80  | 4.55   | 16.25                       |
| May .....    | 3.70  | 1.30  | 2.25  | 3.30    | 3.90  | 3.65   | 4.45    | 3.90    | 5.00  | .81    | 14.16                       |
| June .....   | 7.20  | 4.35  | 5.70  | 3.70    | 2.70  | 1.85   | 2.88    | 3.25    | 2.74  | 4.16   | 13.03                       |
| July .....   | 7.00  | .83   | 4.10  | 1.35    | 4.95  | 5.25   | 2.55    | 2.60    | 5.85  | 1.40   | 12.40                       |
| August ..... | 5.50  | 4.00  | 11.10 | 2.25    | 4.35  | 7.05   | 4.45    | 12.30   | 3.24  | 4.40   | 24.39                       |
| September .. | .72   | 4.80  | 1.50  | 3.40    | 3.80  | 1.25   | 4.00    | 3.90    | 13.65 | 8.10   | 24.65                       |
| October ...  | 6.05  | 5.10  | 6.30  | 6.30    | 2.70  | 3.35   | 9.85    | 8.00    | 4.70  | 2.95   | 25.50                       |
| November ..  | 8.20  | 6.50  | 6.30  | 8.40    | 8.00  | 4.75   | 4.30    | 7.10    | 6.10  | 4.85   | 22.35                       |
| December ... | 10.70 | 11.20 | 8.90  | 4.65    | 10.75 | 11.30  | 4.30    | 2.15    | 11.20 | 11.50  | 29.15                       |
| TOTALS ...   | 48.85 | 50.68 | 64.15 | (59.48) | 65.20 | 60.00  | (59.08) | (54.10) | 68.38 | 54.12  | 235.68                      |

1916 Feb. and for 3

1924

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

RAINFALL at Birmingham, N.W. (Aberdeen)County of RadnorObserver J. W. Wilkinson, Esq. C.E.River Basin Wye - /J. W. Wilkinson C EGauge Standard Rain Gauge, by 1.1  
No. 19295.00  
5.00  
5.00  
4.99  
7.21

|               |       |         |       |         |       |        |       |       |       |       |                |                   |
|---------------|-------|---------|-------|---------|-------|--------|-------|-------|-------|-------|----------------|-------------------|
| Diameter ...  | 5     |         |       |         |       |        |       |       |       |       |                |                   |
| Height .....  | 1.0   |         |       |         |       |        |       |       |       |       |                |                   |
| Altitude ...  | 128   | 1070    |       |         |       |        |       |       |       |       |                |                   |
| Year .....    | 1920  | 1921    | 1922  | 1923    | 1924  | 1925   | 1926  | 1927  | 1928  | 1929  | 1930<br>MEANS. | 1920-30<br>TOTALS |
| January ...   | 6.5   | 8.45    | 9.53  | (9.20)  | 6.17  | (7.79) | 8.18  | 9.70  | 15.10 | 2.70  | 10.00          | 93.57             |
| February ...  | 5.20  | .38     | 9.95  | (14.60) | 2.10  | 12.75  | 5.43  | 5.60  | 9.60  | 1.90  | (.82)          | 68.33             |
| March .....   | 6.90  | 6.00    | 5.38  | (3.32)  | 2.40  | 2.83   | 4.30  | 7.02  | 4.20  | .45   | 4.15           | 46.95             |
| April .....   | 8.85  | 1.94    | 5.40  | 4.12    | 4.86  | 6.28   | 2.68  | 4.75  | 2.85  | 1.15  | 3.80           | 46.68             |
| May .....     | 5.00  | 2.37    | 2.00  | 6.80    | 7.20  | 5.78   | 4.65  | 2.25  | 1.15  | 4.00  | 4.10           | 45.30             |
| June .....    | 3.50  | .67     | 3.41  | (1.35)  | 3.21  | .15    | 3.08  | 7.90  | 8.10  | 4.25  | 1.90           | 37.52             |
| July .....    | 6.48  | 3.46    | 6.20  | (5.80)  | 6.20  | 3.55   | 5.88  | 4.88  | 4.20  | 4.35  | 6.75           | 57.75             |
| August .....  | 1.05  | 7.20    | 4.14  | 6.64    | 10.22 | (5.24) | 6.08  | 11.00 | 8.10  | 3.55  | 6.95           | 70.17             |
| September...  | 4.90  | 3.02    | 6.40  | 7.40    | 8.62  | 5.65   | 4.77  | 7.45  | 2.10  | 2.15  | 9.10           | 61.56             |
| October ..... | 5.20  | 3.30    | 1.85  | 13.20   | 8.65  | 9.06   | 7.52  | 6.20  | 8.00  | 9.35  | (11.44)        | 83.76             |
| November...   | 2.20  | 4.82    | 2.96  | 6.42    | 4.43  | 5.25   | 9.85  | 6.50  | 13.70 | 15.15 | (10.31)        | 81.59             |
| December...   | 4.85  | 10.38   | 7.73  | 9.04    | 10.20 | 8.25   | 2.60  | 3.35  | 6.55  | 17.80 | 9.45           | 90.20             |
| TOTALS...     | 66.88 | (51.99) | 64.95 | (87.89) | 74.26 | 72.57  | 65.02 | 76.60 | 83.65 | 66.80 | (78.77)        | 783.38            |

Deposited 13.7.21 J. on top of standard at junction of 2 valleys. This height is  
 N.W. the falls on all other sides. From north long. Suggest moving 300 yds.  
 to other side of stream on flat meadow with a picture in all sides except  
 East where river runs. Excellent position.  
 1921. G. moved September 21st.  
 1923. Jan., Feb., March, June & July covered by surrounding stations.

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

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



RAINFALL at *Birmingham W.W. (Aberkanean.)*

County of Radnor

Observer J.W. Wierman, B.E.

River Basin.....I- Way

A. A. Barnes, Ec. C. E. 1940

Type of Gauge...Bradford

Gauge Bradford  
6+8 Feb 1900 Birmingham Water Bill

Annual Average 5.97 in. based on 18 years obs. un-weighted. Period of average 1881-1915 Ref. # AW. Sic

660552126

| Diameter  |            |             |         |       |            |            |            |            |            |            |      |       |
|-----------|------------|-------------|---------|-------|------------|------------|------------|------------|------------|------------|------|-------|
| Height    |            |             |         |       |            |            |            |            |            |            |      |       |
| Altitude  |            |             |         |       |            |            |            |            |            |            |      |       |
| Year      | 1931       | 1932        | 1933    | 1934  | 1935       | 1936       | 1937       | 1938       | 1939       | 1940       | Memo | Total |
| January   | 8.65       | 10.10       | 6.30    | 7.90  | 4.65       | 8.35       | 12.80      | 13.10      | 11.00      | 4.20       | 8725 |       |
| February  | 9.25       | .15 (8.15)  | .65     | 9.85  | +25        | 10.75      | 4.35       | 8.45       | 4.90       | 6075       |      |       |
| March     | 1.60       | 5.45        | 4.10    | 6.85  | 2.90       | 3.85       | 4.15       | 1.90       | 4.30       | 4.95       | 4005 |       |
| April     | 6.15       | 7.15        | .85     | 5.00  | 7.25       | +30        | 5.75       | .75        | 4.85       | 3.75       | A580 |       |
| May       | 5.65       | 5.25 (2.15) | 3.90    | 1.75  | 2.50       | 2.30       | 3.60       | 1.15       | 2.10       | 3085       |      |       |
| June      | 3.75       | 2.35        | 5.85    | 2.30  | 6.10       | 7.50       | 2.45       | 5.65       | 2.90       | .85        | 3570 |       |
| July      | 4.95       | 6.40        | 4.90    | 3.70  | 1.40       | 7.95       | (3.20)     | 7.55       | 9.80       | 9.85       | 5970 |       |
| August    | 5.30       | 1.65        | 1.85    | 7.55  | 2.30       | 1.30       | .95        | 4.10       | 3.45       | 2.20       | 3085 |       |
| September | 3.10       | 6.45        | 1.30    | 4.65  | 11.75      | 5.75       | 3.10       | 2.50       | 1.10       | 4.35       | 4405 |       |
| October   | 3.20       | 12.00       | 8.20    | 7.50  | 11.75      | 7.10       | 3.75       | 11.90      | 3.60       | 8.70       | 7770 |       |
| November  | 10.30      | 6.55        | 1.60    | 2.50  | 8.85       | 8.25       | 3.00       | 10.65      | 18.00      | 14.85      | 8455 |       |
| December  | 5.35       | 4.55        | 1.90    | 17.65 | 6.75       | 10.55      | 5.60       | 3.00       | 6.60       | 7.40       | 6835 |       |
| TOTALS    | 67.25<br>M | 68.05       | (47.15) | 64.15 | 75.40<br>M | 71.85<br>M | 57.80<br>M | 74.05<br>M | 75.30<br>M | 68.10<br>M | 6630 |       |

1933. Feb. - May cond. by Gbsr. 110 111 89 114 116 105 194  
+ Inspected 9.8.37. Gauge in excellent site near valley bottom  
surrounded by hills NE & W. ~~Rain~~  
9.37. Rim of gauge lowered to 1'  
1937 July adjusted by observer.

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series. No. of Map. Reference No.

[illegible]

Station No. T.F. 4243

RAINFALL at Birmingham W.W. (Abercrombie)

41

County of. Radnor

Observer A. B. Baynes Esq. C.E.

River Basin 1- Wye

C. A. Richardson Esq. C.E.

Type of Gauge Bradford

Annual Average 4.8 in. based on Feb 1940 Birmingham Water Bill 1881-1915 Ref. P.B. 292

File No. E3170/65 66552/76

| Diameter  | 5     |       |       |       | 464     | 822   |         |       |        |         |        |        |
|-----------|-------|-------|-------|-------|---------|-------|---------|-------|--------|---------|--------|--------|
| Height    | 10    |       |       |       |         | 1     |         |       |        |         |        |        |
| Altitude  | 1070  |       |       |       |         | 41    |         |       |        |         |        |        |
| Year      | 1941  | 1942  | 1943  | 1944  | 1945    | 1946  | 1947    | 1948  | 1949   | 1950    | Means  | Totals |
| January   | 4.60  | 8.80  | 9.40  | 9.60  | 5.20    | 8.55  | (5.60)  | 15.20 | (4.30) | (3.70)  | 74.95  |        |
| February  | 6.70  | 2.05  | 6.25  | 3.90  | (8.80)  | 13.65 | (3.40)  | 5.90  | 3.30   | (11.10) | 65.05  |        |
| March     | 4.90  | 4.35  | 2.40  | 0.95  | 3.27    | 1.65  | (12.90) | 4.55  | 4.30   | 3.65    | 42.92  |        |
| April     | 2.80  | 4.60  | 2.60  | 2.85  | 2.90    | 2.15  | 4.75    | 4.10  | 5.70   | 6.40    | 38.85  |        |
| May       | 4.65  | 6.60  | 6.70  | 3.95  | 4.55    | 3.20  | 4.00    | 4.00  | 5.10   | 1.46    | 44.21  |        |
| June      | 1.45  | 0.90  | 4.85  | 3.40  | (6.80)  | 5.10  | 2.50    | 6.90  | 0.73   | 2.30    | 34.93  |        |
| July      | 3.30  | 5.90  | 5.10  | 4.60  | 3.10    | 4.15  | 4.15    | 3.45  | 3.30   | 4.50    | 41.55  |        |
| August    | 8.65  | 4.90  | 6.40  | 4.05  | 4.20    | 10.60 | 0.60    | 5.50  | 3.75   | 8.65    | 57.30  |        |
| September | 1.35  | 4.90  | 6.45  | 6.90  | 4.00    | 10.10 | 3.20    | 5.40  | 3.10   | 12.00   | 57.40  |        |
| October   | 7.95  | 8.95  | 5.75  | 12.10 | (6.15)  | 3.25  | 1.30    | 4.95  | 9.40   | (4.80)  | 64.60  |        |
| November  | 5.80  | 1.25  | 8.00  | 10.90 | 1.05    | 11.50 | 8.75    | 4.45  | 10.40  | 8.90    | 71.00  |        |
| December  | 6.75  | 9.90  | 3.70  | 7.15  | (7.60)  | 7.85  | 8.50    | 10.80 | 13.30  | 5.55    | 81.10  |        |
| TOTALS    | 58.90 | 63.10 | 67.60 | 70.35 | (57.62) | 81.75 | 59.65   | 75.20 | 66.8   | 73.01   | 673.86 |        |

1945 Feb. June October & Dec. amended by observer. S/P. Dep. Insp. Long. Station Journal.  
 8.9.46 Gauge & site overhauled.  
 1947 Jan. Feb. March & Apr. for snow by observer  
 Station overhauled 10.5.48.  
 1950 Jan. Feb. appraised. but col. then overhauled Aug.

21054

70004

1940-1949

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. 4243 TF19

RAINFALL at Birmingham NW (Abercrombie)

51

County of Radnorshire Observer C. A. Ribbidge Esq. E.

River Basin 1-12 yr

Type of Gauge Bradford

Annual Average 64.8 in. based on 67.49 years obs. un-weighted. Period of average 1881-1915 Ref. PB 444  
1916-1952  
File No. E 317045

| Diameter ...  | 5"    |                  |         |         | 464   | 822     |        |         |         |         |        |    |
|---------------|-------|------------------|---------|---------|-------|---------|--------|---------|---------|---------|--------|----|
| Height ...    | 1' 0" |                  |         |         |       | 1       |        |         | 1' 1"   |         |        |    |
| Altitude ...  | 1070' |                  |         |         |       | 51      |        |         |         |         |        |    |
| Year ...      | 1951  | 1952             | 1953    | 1954    | 1955  | 1956    | 1957   | 1958    | 1959    | 1960    | Means  |    |
| January ...   | 7.40  | (9.15)<br>8.80   | (8.25)  | (7.05)  | 4.30  | 11.00   | 6.50   | 6.75    | (9.50)  | 11.65   | 76.55  |    |
| February ...  | 8.40  | (4.25)<br>(3.82) | (3.75)  | (6.30)  | 4.80  | 1.30    | (6.40) | (11.00) | (1.50)  | (9.00)  | 56.70  |    |
| March ...     | 8.72  | 2.69<br>(3.25)   | (7.00)  | 6.20    | 4.30  | 5.65    | 5.80   | 2.00    | 4.10    | (4.20)  | 51.00  |    |
| April ...     | 6.70  | (2.80)<br>(3.75) | (5.35)  | 1.90    | 4.60  | 3.10    | 0.45   | 2.60    | (7.65)  | 6.90    | 42.50  |    |
| May ...       | 3.35  | 3.40             | 3.10    | 3.50    | 8.60  | 1.30    | 3.60   | 4.70    | (2.60)  | 2.30    | 36.20  |    |
| June ...      | 1.21  | 3.85             | 1.15    | (6.40)  | 6.40  | 3.65    | 2.83   | 5.20    | 4.10    | (3.30)  | 38.39  |    |
| July ...      | 2.50  | (2.80)           | (8.30)  | (8.10)  | 0.70  | (4.90)  | 7.90   | 5.00    | (5.50)  | (7.80)  | 53.50  |    |
| August ...    | 6.29  | 5.80             | 5.80    | 7.30    | 2.00  | 7.55    | 10.70  | 4.15    | 0.80    | 5.10    | 55.49  |    |
| September ... | 5.10  | 5.80             | 5.80    | 8.35    | 5.05  | 7.20    | (4.00) | 9.35    | 0.55    | 5.70    | 66.90  |    |
| October ...   | 2.05  | 6.75             | (3.60)  | (10.55) | 5.24  | (4.90)  | 7.00   | 8.40    | 11.55   | 6.30    | 66.34  |    |
| November ...  | 13.40 | (5.65)           | 6.80    | 12.05   | 3.90  | 4.75    | 4.43   | 3.85    | 7.40    | (12.30) | 74.53  |    |
| December ...  | 10.00 | (7.75)           | 2.65    | (11.10) | 7.75  | (8.20)  | 8.45   | 6.88    | (14.20) | 12.80   | 89.78  |    |
| TOTALS ...    | 75.72 | (61.93)<br>60.33 | (56.85) | 88.80   | 56.94 | (63.50) | 78.06  | 69.88   | 69.45   | (87.35) | 707.88 | 10 |
|               |       | M                | M       | M       | M     | M       | M      | M       | M       | M       |        |    |

24/3/53 Gauge inspected and found sound. 4.9.53 Station overhauled.

23.8.55 Station overhauled.

Ref. J.B.O.K. 1959. Satisfactory

1952 up too much est.

1960 Feb+March part est. June/July app. part est. Nov small est.

|       |        |       |       |       |
|-------|--------|-------|-------|-------|
| 60854 | 120104 | 20004 | 66414 | 31424 |
|-------|--------|-------|-------|-------|

|       |       |       |
|-------|-------|-------|
| 76434 | 74444 | 61454 |
|-------|-------|-------|

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference SN 892.717

| 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, P-accepted

| Record D, or d | 1910-19 | 1920-30 | 1931-40                          | 1941-50 | 1951-60 |
|----------------|---------|---------|----------------------------------|---------|---------|
|                | —       | —       | 1931 M<br>1932-34 —<br>1935-40 M | M       |         |