

RAINFALL at Stone (City of London Mental Hospital.)County of London.

Observer \_\_\_\_\_

River Basin Thames - Darent &c

Type of Gauge \_\_\_\_\_

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

| Diameter  | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909  | 1910  | Means |
|-----------|------|------|------|------|------|------|------|------|------|-------|-------|-------|
| Height    | 1001 | 1002 | 1003 | 1004 | 1005 | 1006 | 1007 | 1008 | 1009 | 1010  | 1011  |       |
| Altitude  | 1000 | 1001 | 1002 | 1003 | 1004 | 1005 | 1006 | 1007 | 1008 | 1009  | 1010  |       |
| January   |      |      |      |      |      |      |      |      |      | 1.12  | 1.88  | 1.95  |
| February  |      |      |      |      |      |      |      |      |      | 1.18  | 1.94  | 1.73  |
| March     |      |      |      |      |      |      |      |      |      | 1.65  | 1.93  | 2.82  |
| April     |      |      |      |      |      |      |      |      |      | 2.35  | 2.02  | 1.21  |
| May       |      |      |      |      |      |      |      |      |      | 2.06  | 1.34  | 1.13  |
| June      |      |      |      |      |      |      |      |      |      | 2.48  | 1.14  | 2.61  |
| July      |      |      |      |      |      |      |      |      |      | 1.84  | 3.20  | 3.90  |
| August    |      |      |      |      |      |      |      |      |      | 1.80  | 2.62  | 1.90  |
| September |      |      |      |      |      |      |      |      |      | 1.20  | 1.17  | 2.54  |
| October   |      |      |      |      |      |      |      |      |      | 2.81  | 1.21  | 3.66  |
| November  |      |      |      |      |      |      |      |      |      | 1.97  | 1.63  | 1.71  |
| December  |      |      |      |      |      |      |      |      |      | 2.29  | 1.77  | 2.80  |
| TOTALS    |      |      |      |      |      |      |      |      |      | 20.75 | 18.87 | 24.94 |

Back years 1907-1925 received <sup>1925</sup> Jan. 1937Position 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 | Parish Church. | Distance from gauge |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|
|       |         |       |                  |                     |           |                |                     |

## RAINFALL at Stone (City of London, Mental Metropolitan)

County of Kent

*Observer* .....

### River Basin Thames - Danube + c.

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Type of Gauge.....

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

| Diameter  | 1910<br>1981 | 1911<br>1982 | 1912<br>1983 | 1913<br>1984 | 1914<br>1985 | 1915<br>1986 | 1916<br>1987 | 1917<br>1988 | 1918<br>1989 | 1919<br>1990 | TOTAL<br>Means<br>1946-19 |
|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------------------|
| Height    |              |              |              |              |              |              |              |              |              |              |                           |
| Altitude  |              |              |              |              |              |              |              |              |              |              |                           |
| Year      |              |              |              |              |              |              |              |              |              |              |                           |
| January   | 1.78         | 1.80         | 2.09         | 2.22         | 1.40         |              | 1.94         | 1.92         | 2.63         | 2.78         | 7.19                      |
| February  | 2.75         | 1.93         | 1.12         | 1.73         | 2.12         |              | 3.86         | 1.78         | 1.68         | 2.11         | 7.42                      |
| March     | 1.95         | 1.58         | 2.38         | 2.03         | 3.56         |              | 3.70         | 1.41         | 1.84         | 2.82         | 8.77                      |
| April     | 1.44         | 1.97         | 1.05         | 1.94         | 1.68         |              | 1.07         | 1.55         | 2.67         | 2.66         | 7.95                      |
| May       | 2.07         | 1.60         | 1.72         | 1.88         | 1.34         |              | 1.28         | 2.41         | 1.60         | 1.12         | 5.41                      |
| June      | 1.89         | 1.69         | 2.95         | 1.31         | 1.83         |              | 1.34         | 1.70         | 1.78         | 1.25         | 5.07                      |
| July      | 3.04         | 1.20         | 1.00         | 1.88         | 1.75         |              | 1.21         | 5.74         | 4.70         | 1.92         | 13.59                     |
| August    | 1.19         | 1.48         | 3.21         | 2.21         | 1.85         |              | 2.81         | 4.41         | 1.84         | 2.15         | 10.93                     |
| September | 1.77         | 1.68         | 2.66         | 1.67         | 1.55         |              | 1.91         | 1.83         | 4.19         | 1.86         | 6.79                      |
| October   | 1.98         | 2.39         | 1.95         | 3.81         | 1.46         |              | 2.25         | 2.62         | 1.57         | 1.44         | 6.88                      |
| November  | 3.21         | 3.78         | 1.43         | 2.41         | 2.81         |              | 5.06         | 1.46         | 1.96         | 1.32         | 9.79                      |
| December  | 3.24         | 3.68         | 2.03         | 1.75         | 6.29         |              | 2.62         | 1.47         | 1.68         | 3.00         | 8.77                      |
| TOTALS    | 24.33        | 19.71        | 22.08        | 20.84        | 21.63        |              | 29.06        | 25.31        | 24.76        | 21.43        | 98.56                     |

Back years 1907-1920, <sup>1923</sup> received Jan. 1937

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

## RAINFALL at Dartford, Stone, City of London Mental Hospital

County of Kent

Observer D3 P.H. Sleath J. Gower (1924)

River Basin Thames - Dartford

M.O. Rain Gauge, by N &amp; Z

| Diameter ... |       | 5      | 4     | 6     |       |       |       |       |       |       |        |        |
|--------------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| Height ..... |       | 0 - 10 | 1 - 0 |       |       |       |       |       |       |       |        |        |
| Altitude ... |       | 124    | 200   |       |       |       |       |       |       |       |        |        |
| Year .....   | 1920  | 1921   | 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928  | 1929  | MEANS. | TOTAL  |
| January ...  | 2.27  | 1.38   | 2.30  | 1.01  | 2.28  | 1.51  | 1.69  | 1.71  | 2.36  | .88   | 1.88   | 19.27  |
| February ... | .33   | .18    | 1.44  | 2.66  | .87   | 3.10  | 2.62  | 3.52  | 1.04  | .81   | 1.05   | 17.12  |
| March .....  | .66   | 1.05   | 1.14  | 2.06  | 1.02  | .76   | .17   | 2.01  | 1.63  | .01   | 1.15   | 11.66  |
| April.....   | 2.52  | 1.42   | 2.22  | 1.38  | 3.24  | 1.46  | 4.51  | 1.50  | 1.50  | 1.20  | 1.34   | 22.29  |
| May .....    | .32   | 1.31   | .57   | 1.57  | 1.84  | 1.49  | .88   | .67   | 2.15  | .97   | 3.34   | 15.11  |
| June .....   | 1.30  | .16    | 1.04  | 0.68  | 2.83  | .16   | 2.98  | 2.12  | 2.20  | .77   | .54    | 14.78  |
| July .....   | 2.97  | .17    | 2.94  | 1.09  | 2.44  | 3.19  | 1.90  | 3.01  | 1.94  | 1.64  | 1.19   | 22.51  |
| August ..... | 1.45  | 1.69   | 2.07  | 2.20  | 2.06  | 1.98  | 1.14  | 3.18  | 2.68  | 2.25  | 2.40   | 23.00  |
| September... | 4.60  | 1.59   | 1.90  | 1.13  | 3.73  | 1.99  | 1.09  | 3.53  | .50   | .06   | 2.77   | 22.89  |
| October..... | .72   | .70    | 1.04  | 4.44  | 2.86  | 2.74  | 2.39  | .83   | 3.07  | 2.46  | .92    | 22.17  |
| November...  | .61   | 1.85   | 1.04  | 1.80  | 3.53  | 1.79  | 3.90  | 2.09  | 1.64  | 4.64  | 3.70   | 26.59  |
| December...  | 2.02  | .93    | 3.09  | 1.87  | 2.52  | 2.85  | .51   | 3.33  | 3.04  | 4.26  | 1.49   | 25.94  |
| TOTALS...    | 19.77 | 12.43  | 20.79 | 21.89 | 29.22 | 13.02 | 23.78 | 27.50 | 23.41 | 19.45 | 21.77  | 243.33 |

1922 Apple tree 10' hgt 8 yds S.

1925 Apple tree 8' .. 15 ft S.

1926 - - 10 .. 15 .. SW -

Inspected 20/12/28 by Dr G. see green file.

1928 G moves 3yds N 8/9/28. wire fence 3½' high 6' W.

1930. Horse chestnut tree (small) 8 ft. high, 8 yds. South.

Each year 1923, and 1907 to 1914, x 1916 to 1920 received £1/2/-.

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 from gauge | Parish Church. | Distance from gauge | Direction from gauge |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1922  |         |       | Dartford         | 2 mi.               | W                    | Stone          | 1 mi.               | E                    |

## RAINFALL at Stone (City of London Met. Dist.)

County of Kent

Observer J. G. Esq.

River Basin Thames - District 5

R. W. Fletcher, Esq., (1939)

Type of Gauge Standard

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

Ref.

749134/27.

| Diameter  | 5     |       |       |       |       |       |       |       |       |       |       |  |  |  | TOTAL<br>Means |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|--|----------------|
| Height    | 10    |       |       |       |       |       | 12    |       |       |       |       |  |  |  |                |
| Altitude  | 200   |       | 115   |       |       |       |       |       |       |       |       |  |  |  |                |
| Year      | 1931  | 1932  | 1933  | 1934  | 1935  | 1936  | 1937  | 1938  | 1939  | 1940  |       |  |  |  |                |
| January   | 1.16  | 1.43  | 1.17  | 1.37  | 1.09  | 3.94  | 3.49  | 2.32  | 3.67  | 2.39  | 2203  |  |  |  |                |
| February  | 1.19  | 1.12  | 1.30  | 1.43  | 2.53  | 1.27  | 3.74  | 1.63  | 1.10  | 1.43  | 1374  |  |  |  |                |
| March     | 1.14  | 1.14  | 1.83  | 2.07  | 1.36  | 1.97  | 2.51  | 1.36  | 1.36  | 3.39  | 1413  |  |  |  |                |
| April     | 3.74  | 1.35  | 1.46  | 1.75  | 2.58  | 1.48  | 2.29  | 1.31  | 2.22  | 1.47  | 1765  |  |  |  |                |
| May       | 2.67  | 3.03  | 1.72  | 1.65  | 1.36  | 1.32  | 2.84  | 1.64  | 1.83  | 1.75  | 1781  |  |  |  |                |
| June      | 1.38  | 1.93  | 2.54  | 1.22  | 2.60  | 2.57  | 2.91  | 1.37  | 1.34  | 1.64  | 1650  |  |  |  |                |
| July      | 2.47  | 1.30  | 1.58  | 1.98  | 1.88  | 2.35  | 1.51  | 1.97  | 2.38  | 5.45  | 1957  |  |  |  |                |
| August    | 2.94  | 1.13  | 1.54  | 1.69  | 1.97  | 1.36  | 1.61  | 1.25  | 2.37  | 1.7   | 1309  |  |  |  |                |
| September | 1.35  | 1.39  | 2.93  | 1.87  | 2.62  | 2.26  | 2.04  | 2.18  | 1.18  | 1.16  | 1799  |  |  |  |                |
| October   | 1.44  | 5.26  | 1.30  | 1.40  | 2.06  | 1.60  | 1.72  | 2.39  | 1.62  | 2.45  | 2524  |  |  |  |                |
| November  | 2.26  | 1.66  | 1.68  | 1.72  | 4.31  | 3.10  | 1.63  | 2.10  | 3.74  | 6.35  | 2655  |  |  |  |                |
| December  | 1.42  | 1.36  | 1.54  | 4.00  | 2.05  | 1.82  | 4.23  | 2.25  | 1.11  | 1.14  | 1792  |  |  |  |                |
| TOTALS    | 20.16 | 18.10 | 16.59 | 18.15 | 24.12 | 22.04 | 29.52 | 16.77 | 28.92 | 27.79 | 22216 |  |  |  |                |
|           | D     | D     | D     | D     | D     | D     | D     | D     | D     | D     |       |  |  |  |                |

1931. Horse chestnut tree 8' high 21'S.

1932. apple tree 8' high 39' S.

1934. Horse 30' high 15yds. N.

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 | Parish Church. | Distance from gauge |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|
| 1931. |         |       | Dartford         | 12m                 | W.        | Stone          | 1m E.               |

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

Station No. H.11

## RAINFALL at Stone (Stone Scouse &amp; Mount Head)

41

County of Kent

Observer A. W. Fletcher Esq.

River Basin Thames, Dartford S.E. 5.

T. J. Phillips, Esq.

Type of Gauge Springfield M.A.

G. Jones Esq (1950)

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

Ref.

c. 1921

File No. H.13.1.1.1/27

| Diameter  | 5"    |       |       |       | 291   | 642   |       |       |       |       |                |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Height    | 1' 2" |       |       |       |       |       | 1     |       |       |       |                |
| Altitude  | 115'  |       |       |       |       |       | 41    |       |       |       |                |
| Year      | 1941  | 1942  | 1943  | 1944  | 1945  | 1946  | 1947  | 1948  | 1949  | 1950  | TOTAL<br>Means |
| January   | 2.45  | 1.59  | 4.61  | 1.50  | 1.88  | 1.18  | 1.93  | 2.65  | 1.09  | 1.01  | 19.89          |
| February  | 1.38  | .87   | 1.26  | .99   | 1.07  | 2.03  | 1.39  | 1.42  | .77   | 3.36  | 14.54          |
| March     | 2.45  | 2.20  | .26   | .08   | 1.35  | 1.20  | 4.51  | .78   | .57   | .73   | 14.13          |
| April     | 1.78  | .88   | 1.04  | 1.40  | 1.03  | 1.92  | 1.21  | 1.70  | 1.24  | 2.52  | 14.72          |
| May       | 1.36  | 2.89  | 1.94  | .40   | 2.97  | 3.58  | .79   | 1.99  | 1.59  | 1.26  | 18.77          |
| June      | 1.44  | .28   | 1.32  | 1.82  | 1.45  | 2.25  | 1.98  | 1.65  | 1.05  | 1.50  | 14.79          |
| July      | 1.39  | 2.19  | 1.50  | 1.44  | 3.69  | 1.64  | 2.96  | 1.05  | .63   | 2.24  | 18.73          |
| August    | 3.05  | 2.10  | .99   | 3.44  | 1.35  | 4.07  | .39   | 4.59  | 1.08  | 1.36  | 22.42          |
| September | .48   | 2.66  | 1.64  | 2.69  | .83   | 2.25  | 1.21  | 1.07  | .50   | 2.05  | 15.38          |
| October   | .86   | 3.33  | 1.91  | 3.26  | 2.09  | 1.21  | .13   | 1.39  | 4.80  | 1.35  | 19.33          |
| November  | 2.75  | 2.08  | 1.15  | 3.65  | .29   | 2.83  | 1.07  | 1.55  | 2.51  | 4.97  | 22.85          |
| December  | 1.38  | 1.81  | 1.65  | 1.67  | 2.45  | 1.84  | 2.23  | 2.56  | .70   | 1.46  | 17.75          |
| TOTALS    | 20.77 | 22.88 | 19.27 | 22.34 | 20.45 | 26.00 | 19.80 | 22.40 | 16.53 | 22.81 | 213.25         |

1941. House 30' high 15yds N.

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

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction from gauge | Parish Church. | Distance from gauge | Direction from gauge. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|-----------------------|
| 1941  |         |       | Dartford         | 1/2 miles           | W                    | Stone          | 1 mile              | E                     |
| 1949  |         |       | "                | 1 3/4 mi.           | W.                   | Dartford       | 3/4 mi.             | W.                    |

BRITISH RAINFALL ORGANIZATION

Station No. 411

## RAINFALL at STONE (STONE HOUSE HOSPITAL)

County of KENT

Observer F. J. FLETCHER, Esq.,  
T. Jones

River Basin THAMES - DARENT &amp; C. S.

Type of Gauge M.O.

Annual Average..... in. based on..... years obs. un-weighted. Period of average..... Ref.  
 22.21 " " 35 " 1916-1950 1916-1959 P  
 File No. 749134 / 27

| Diameter  | 5"    |        |       |       | 2011  | 642   |       |         |       |       |        |
|-----------|-------|--------|-------|-------|-------|-------|-------|---------|-------|-------|--------|
| Height    | 1' 2" |        |       |       |       | 1     |       |         | 1' 0" |       |        |
| Altitude  | 115'  |        |       |       |       | 51    |       |         |       |       |        |
| Year      | 1951  | 1952   | 1953  | 1954  | 1955  | 1956  | 1957  | 1958    | 1959  | 1960  | Means  |
| January   | 2.43  | 1.41   | 1.00  | 0.45  | 2.50  | 2.67  | 1.15  | 1.65    | 2.15  | 1.95  | 17.36  |
| February  | 5.42  | (1.00) | .99   | 1.90  | 1.92  | .20   | 1.85  | 2.25    | .06   | 1.69  | 17.28  |
| March     | 2.30  | 2.28   | 4.2   | 1.06  | .91   | 1.08  | .81   | (1.00)  | 1.60  | 1.28  | 12.72  |
| April     | 2.01  | .75    | 1.97  | .24   | .27   | 1.33  | .11   | (1.80)  | 1.66  | 0.39  | 10.53  |
| May       | 1.71  | .99    | 1.45  | 1.73  | 4.10  | .51   | .86   | (1.60)  | 1.75  | 2.11  | 16.81  |
| June      | .78   | 1.06   | 1.60  | 3.16  | 1.54  | 1.98  | .77   | (5.00)  | .34   | 1.52  | 17.83  |
| July      | 3.01  | 1.20   | 3.17  | 2.62  | .07   | 5.02  | 4.09  | 2.10    | 1.52  | 2.98  | 25.78  |
| August    | 2.81  | 1.99   | 1.17  | 4.96  | 1.07  | 2.90  | 2.65  | 4.15    | .75   | 4.26  | 26.71  |
| September | 2.50  | 3.06   | 2.90  | 1.80  | 3.01  | 1.93  | 2.46  | 5.67    | .07   | 4.26  | 27.66  |
| October   | 1.04  | 1.95   | 2.66  | 1.85  | 3.43  | 1.73  | 1.32  | (2.60)  | 1.61  | 5.57  | 23.20  |
| November  | 4.17  | 4.22   | 1.15  | 3.57  | .55   | .25   | 2.76  | (1.80)  | 3.26  | 3.66  | 25.39  |
| December  | 1.65  | 1.95   | .67   | 1.13  | 1.59  | 2.27  | 1.58  | 2.72    | 3.29  | 2.81  | 19.66  |
| TOTALS    | 29.83 | 21.86  | 19.23 | 23.97 | 20.96 | 21.87 | 20.41 | (32.34) | 18.52 | 31.92 | 240.95 |

1952 326 est. Mo3b.

17064

.954 + 10 30' 15" N.  
Prof. 1959, 100% OK. True 50, 90 ESE. Apple tree WSW-SW just borders on overhelt but of more growth.

1958 n.p. too much est.

1959 n.p. too much est.

Position of Station on Ordnance One-Inch map : No. of Map 171 National Grid Reference 559743

| Date. | Lat. N. | Leng. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|
|       |         |       | Dartford         | 1 3/4 m             | W         | St Albans      | 3/4 m 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 |
|----------------|--|---------|---------|---------|---------|---------|
|                |  | ✓ NR 15 | ✓       | ✓       | ✓       | ✓       |