

Station No. 775

00

41

RAINFALL at Broadmoor Institution.

County of... Berkshire

Observer Medical Superintendent

River Basin Thames. Loddon C-3

Type of Gauge.....

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

File No.

| Diameter | | | | | 8" | | | | | |
|-----------------|------|------|------|------|--------------|-------|-------|-------|-------|------------|
| Height | | | | | 4'0" | | | | | |
| Altitude | | | | | approx (400) | 1.50" | 1.26" | 1.06" | 1.26" | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 Means |
| January | | | | | | 4.01 | 1.85 | 1.74 | 1.36 | |
| February | | | | | | 1.96 | 1.40 | 1.23 | .38 | |
| March | | | | | | 1.54 | 1.13 | 3.18 | 4.16 | |
| April | | | | | | .59 | 3.00 | 3.55 | 2.16 | |
| May | | | | | | 1.65 | 1.82 | 1.59 | 1.84 | |
| June | | | | | | 2.44 | 2.61 | 1.07 | 4.06 | |
| July | | | | | | .44 | 2.13 | 2.21 | 2.80 | |
| August | | | | | | .82 | 2.37 | 2.52 | 1.98 | |
| September | | | | | # | 2.13 | 1.25 | .73 | 2.62 | 3.63 |
| October | | | | | | 1.42 | 4.43 | 4.96 | 2.69 | 5.68 |
| November | | | | | | 2.92 | 3.23 | 2.41 | .93 | .89 |
| December | | | | | | 1.24 | 1.36 | 3.42 | 1.96 | 2.97 |
| TOTALS | | | | | | 23.72 | 27.83 | 24.69 | 31.90 | |

Back years 1905 - 1923 copied from original notebook of monthly totals lent by Sept. 10/57.
 Heaviest falls of each year noted. Values reasonable though site unorthodox.
 Gauge near building → slope down to S. possibly on 3° wall. 4/S.

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

Station No. 775

10
4

RAINFALL at Broadmoor Institution

County of Berkshire

Observer Medical Superintendent

River Basin Thames & Loddon C.3

Type of Gauge

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

File No.

| Diameter | 8" | | | | | | | | | | |
|-----------|---------------|---------------|---------------|-------------|----------------|---------------|---------------|---------------|---------------|---------------|-------|
| Height | 4'0" | | | | | | | | | | |
| Altitude | 1.26" 10.6 | 1.76" 26.5 | 1.76" 30.9 | .91" 2.9 | 1.86" 10.12 | 1.69" 1.11 | 1.24" 2.92 | 2.10" 31.7 | 1.26" 17.4 | 1.22" 2.12 | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | 2.19 | 1.35 | 4.09 | 3.80 | .68 | 3.67 | 1.48 | 1.23 | 3.20 | 3.12 | |
| February | 3.29 | 1.35 | 2.06 | 1.04 | 3.56 | 4.38 | 3.65 | 1.19 | 1.10 | 3.42 | |
| March | 1.26 | 1.95 | 3.08 | 2.68 | 4.64 | 1.10 | 5.45 | 1.66 | 1.04 | 4.19 | |
| April | 1.94 | 1.69 | .28 | 3.07 | .76 | 1.04 | .64 | 2.00 | 3.72 | 2.32 | |
| May | 2.02 | 3.48 | 1.84 | 1.86 | 1.39 | 3.22 | 2.05 | 1.48 | 1.98 | .48 | |
| June | 4.24 | 1.73 | 4.21 | .49 | 1.48 | 1.31 | 2.21 | 2.17 | .99 | .93 | |
| July | 2.70 | .62 | 1.34 | .81 | 1.99 | 6.06 | .60 | 5.61 | 4.77 | 2.04 | |
| August | 2.63 | .89 | 5.24 | .60 | 1.68 | 2.86 | 4.94 | 5.59 | 1.04 | 2.63 | |
| September | .52 | 1.21 | 2.02 | 2.40 | .83 | 2.50 | 1.84 | 2.30 | 5.39 | 1.82 | |
| October | 3.50 | 2.32 | 3.89 | 3.73 | 1.93 | 1.60 | 3.76 | 3.63 | 1.66 | .82 | |
| November | 2.89 | 3.85 | 2.04 | 2.51 | 2.56 | 3.54 | 4.20 | .87 | 2.80 | 1.44 | |
| December | 6.09 | 6.33 | 3.92 | 1.34 | 9.04 | 5.88 | 3.17 | 1.29 | 2.38 | 5.52 | |
| TOTALS | 32.27 | 26.73 | 34.01 | 24.33 | 30.54 | 36.16 | 33.99 | 29.02 | 30.07 | 28.73 | |

Back years 1905-1923 copied from original note book of monthly totals sent by Sept. 10/57.
 Heaviest fall of year also noted. Record looks reasonable, but site was
 unorthodox - near building, and slope to S., probably on E. wall.

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

RAINFALL at BROADMOOR ASYLUM, CROWTHORNE, BERKS.

County of BERKSHIRE.

Observer Asylum Dispenser.

River Basin THAMES.

Old pattern Rain Gauge, by "D" type.

| Diameter ... | | | 8" | 8" | 8" | 8" | 5" | | | |
|--------------|------|---------|------|-------|-------|-------|-------|------|------|--------|
| Height | | | 4ft. | 4ft. | 4ft. | 4ft | 1ft. | | | |
| Altitude ... | | Approx. | 400' | 400' | 400' | 400' | 400' | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | MEANS. |
| January ... | | | | 1.10 | 2.85 | 2.45 | 3.61 | | | |
| February ... | | | | 3.85 | 2.78 | 3.10 | 2.47 | | | |
| March | | | | 2.96 | 1.63 | 1.01 | .53 | | | |
| April | | | | 2.12 | 3.19 | 1.19 | 3.00 | | | |
| May | | | | 2.12 | 3.39 | 3.24 | 1.82 | | | |
| June | | | | 2.93 | 1.41 | .01 | 3.03 | | | |
| July | | | | 1.01 | 3.44 | 3.17 | 2.63 | | | |
| August | | | | 2.66 | 2.61 | 2.81 | 1.47 | | | |
| September... | | | | 1.61 | 3.16 | 3.45 | 1.69 | | | |
| October.... | | | | 6.11 | 3.56 | 2.68 | 2.65 | | | |
| November... | | | | 1.85 | 2.10 | 2.05 | 5.92 | | | |
| December... | | | | 7.09 | 4.55 | 3.53 | .83 | | | |
| TOTALS... | | | | 29.60 | 33.75 | 29.82 | 29.55 | | | |

See separate return.

H.P. Foulerton
 MEDICAL SUPERINTENDENT,
 BROADMOOR CRIMINAL LUNATIC ASYLUM,
 CROWTHORNE, BERKS.

| 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 from gauge | |
| - | 51.22 | 0.46 APPROX. | Wellington College. (Southern Ry) | 2 mls. W. | Crowthorne | 1 ml. Due W. |

RAINFALL at Broadmoor Asylum, Crowthorne,
 County of Berkshire Observer The Medical Superintendent,
 River Basin Thames - Loddon &c. 3. H. P. Toulston.

Amendments Rain Gauge, by _____

| Diameter ... | | | 8 | | | | | 5 | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| Height | | | 40 | | | | | 10 | | | | |
| Altitude ... | | | 400 | | | | | 400 | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 | M.B.A.S. |
| January ... | 2.77 | 2.52 | 3.06 | 1.41 | 2.47 | 2.47 | 2.33 | 1.78 | 3.14 | 1.18 | 3.16 | |
| February ... | .54 | .31 | 1.79 | 3.85 | .28 | 3.70 | .60 | 2.75 | 4.70 | 1.68 | .53 | .61 |
| March | 1.80 | 1.14 | 2.01 | 2.96 | .63 | 1.01 | .53 | 2.67 | 1.79 | .09 | 1.53 | |
| April..... | 3.84 | .59 | 1.72 | 2.72 | 2.52 | 1.64 | 2.34 | 1.92 | 1.70 | 1.44 | .90 | 2.02 |
| May | .92 | 1.02 | 1.35 | 2.72 | 3.39 | 3.24 | 1.82 | 1.08 | 2.14 | 3.73 | 1.96 | |
| June | 1.46 | .29 | 1.14 | 1.29 | 3.41 | .01 | 3.03 | 2.48 | 2.04 | 1.15 | .31 | |
| July | 5.64 | .26 | 3.87 | 1.01 | 3.44 | 3.12 | 2.53 | 4.48 | 1.32 | 1.80 | 2.53 | |
| August | 1.63 | 1.86 | 2.65 | 2.66 | 2.61 | 2.81 | 1.47 | 3.47 | 2.23 | 1.30 | 3.55 | |
| September... | 1.63 | 1.68 | 2.22 | 1.64 | 3.16 | 3.45 | 1.78 | 5.37 | 1.12 | .15 | 3.35 | |
| October..... | 1.72 | 1.56 | 1.05 | 6.11 | 3.56 | 2.68 | 2.65 | 1.23 | 3.81 | 2.81 | 1.31 | |
| November... | 1.64 | 1.42 | 1.56 | 1.85 | 2.70 | 2.05 | 5.92 | 3.98 | 1.86 | 6.20 | 4.90 | |
| December... | 2.51 | 1.61 | 2.99 | 2.09 | 4.55 | 3.53 | .83 | 3.32 | 2.24 | 5.74 | 2.11 | |
| TOTALS... | 26.10 | 14.26 | 26.41 | 29.99 | 33.75 | 29.46 | 27.58 | 35.36 | 25.08 | 25.49 | 17.34 | |

* Back year 1923-1926 receive 11/28 File 810566/27

Asylum Buildings 40' high 50' N & NE.

Inspected 23/1/30 Gauge too near building and slope 15°.

New site selected by Inspector. See Green File

1930. May 1st moved to site selected by Inspector. Altitude = 300ft.
 - Jan. to April are old site values.

* Earlier record copied from notebook but by Sept 10/57. Figures in red during 1923-27 shown above were taken from this notebook. Subsequent totals are identical. No apparent reason for discrepancy. H. S.

Position of Station on reduced Ordnance Survey } No. of Map. Reference No.
 Map, 2 miles to 1 inch Series }

| Date. | Lat. N. | Long. W. | Railway Station. | Distance from gauge | Direction from gauge | Parish Church. | Distance from gauge | Direction from gauge |
|-------|---------|----------|----------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| - | 51° 22' | 0° 46' | Wellington (Lodging) | 2 m. | W | Crowthorne | 1 m. | Due W |

RAINFALL at Broadmoor Asylum

County of Berkshire

Observer The Medical Superintendent

River Basin Thames Loddon 3

Type of Gauge Standard

Annual Average 27.6 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. S.

S10546/27

| Diameter | 5 | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|----|
| Height | 10 | | | | | | | | | | | |
| Altitude | 300 | | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means | |
| January | 1.31 | 2.56 | 1.96 | 1.43 | 1.60 | 3.93 | 4.64 | 2.39 | 5.12 | 2.33 | 2611 | |
| February | 1.61 | 1.10 | 3.83 | 1.11 | 2.90 | 2.08 | 3.94 | 1.68 | 1.88 | 2.91 | 1904 | |
| March | 1.21 | 2.01 | 3.24 | 2.17 | 1.34 | 2.25 | 3.84 | 1.27 | 1.24 | 2.73 | 1830 | |
| April | 3.65 | 4.27 | 1.25 | 1.57 | 3.01 | 1.80 | 2.13 | 1.13 | 2.63 | 1.55 | 2199 | |
| May | 3.98 | 5.89 | 3.40 | 1.53 | 1.32 | 1.57 | 3.23 | 1.89 | 1.40 | 1.36 | 2457 | |
| June | 1.34 | 97 | 2.48 | 1.26 | 3.29 | 3.39 | 2.19 | 1.56 | 1.22 | .83 | 1753 | |
| July | 4.88 | 2.41 | 1.22 | 1.81 | 1.62 | 4.11 | 1.19 | 1.14 | 2.98 | 2.68 | 2304 | |
| August | 3.74 | 2.23 | 0.45 | 3.41 | 2.72 | 1.52 | 1.95 | 2.89 | 2.15 | .08 | 2114 | |
| September | 2.30 | 3.35 | 2.52 | 1.16 | 3.57 | 2.50 | 2.57 | 1.96 | 1.80 | 1.17 | 2090 | |
| October | 1.68 | 5.66 | 1.92 | 2.11 | 3.07 | 2.02 | 2.54 | 2.41 | 5.16 | 3.21 | 2878 | |
| November | 2.94 | 1.75 | 0.90 | 2.05 | 4.44 | 3.14 | 1.60 | 2.97 | 1.97 | 6.98 | 3174 | |
| December | 1.71 | 1.48 | 0.48 | 5.62 | 2.51 | 2.48 | 3.70 | 3.25 | 1.15 | 1.41 | 2179 | |
| TOTALS | 24.35 | 31.68 | 23.65 | 23.23 | 28.39 | 30.79 | 33.42 | 19.54 | 29.70 | 27.24 | 241699 | KM |
| d. | 1 | 1 | 1 | d. | | |

1931. Boundary walling 14' high 310' N.

1932. Appears too high by about 5" but obs. confirms the accuracy of the readings.

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. | | | Brownhorne | 2m | W. | Brownhorne | 1m. W. |

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

RAINFALL at Broadmoor *Institution* *Station No. 775*
Asylum *1949* 41

County of Berkshire

Observer The Medical Superintendent

River Basin Thames London &c. 3

Type of Gauge Standard

Annual Average 27.6 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. S.

File No. 810546/27

| Diameter | 5" | | 271 | 567 | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height | 1' 0" | | | | 1 | | | | | | |
| Altitude | 300' | | | | 41 | | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | 2.41 | 2.68 | 5.00 | 1.69 | 1.67 | 1.68 | 1.63 | 4.42 | 1.33 | 1.64 | 2.315 |
| February | 2.03 | .66 | 1.13 | .98 | 1.83 | 2.57 | 1.22 | 1.01 | 1.19 | 3.88 | 1.650 |
| March | 3.47 | 1.90 | .39 | .08 | .56 | 1.12 | 4.64 | .75 | 1.35 | 1.69 | 1.495 |
| April | 1.29 | 1.46 | 1.09 | 1.10 | 1.09 | 1.75 | 1.76 | 1.56 | 1.68 | 2.94 | 1.572 |
| May | 1.57 | 2.82 | 2.20 | .21 | 1.49 | 3.19 | 1.88 | 2.77 | 2.18 | 1.61 | 1.992 |
| June | 1.95 | .42 | 1.58 | 1.56 | 2.18 | 3.57 | 1.35 | 1.85 | .45 | 1.39 | 1.630 |
| July | 3.10 | 1.26 | 1.80 | 1.77 | 3.67 | 2.09 | 1.45 | 1.36 | 2.40 | 4.18 | 2.308 |
| August | 4.57 | 2.01 | 1.50 | 1.10 | 1.16 | 4.20 | .43 | 3.87 | 1.99 | 4.03 | 2.495 |
| September | .87 | 1.04 | 1.23 | 2.69 | 2.19 | 3.69 | 1.14 | 1.56 | 1.06 | 3.01 | 1.798 |
| October | 1.26 | 3.19 | 3.14 | 3.47 | 3.01 | .94 | .42 | 2.23 | 6.86 | .29 | 2.481 |
| November | 2.87 | 2.48 | 1.56 | 4.34 | .30 | 4.49 | 1.11 | 1.93 | 2.38 | 4.76 | 2.622 |
| December | 1.10 | 2.72 | 1.44 | 1.75 | 2.82 | 2.64 | 2.40 | 2.90 | 1.65 | 1.56 | 2.098 |
| TOTALS | 25.99 | 22.64 | 22.06 | 20.74 | 21.97 | 32.02 | 19.43 | 26.21 | 24.52 | 28.98 | 24.56 |

1941. Wall 14' high 310' 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. |
|-------|---------|-------|------------------|---------------------|-----------|----------------|----------------------|
| 1941 | | | Crowthorne | 2 m | W | Crowthorne | 1 m. W. |

Station No. 775

51

RAINFALL at Broadmoor Institution

County of Berkshire

Observer The Medical Superintendent

River Basin Thames: London &c 3

Type of Gauge Snowden

Annual Average 27.6 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. S up
 27.25 " " 35 " = 1916-1950 File No. 810546/27

| Diameter | 5" | 6" | 6" | 5" | 271 | 567 | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height | 1' 0" | 1' 0" | 1' 0" | 1' 0" | | | 1 | | | | |
| Altitude | 300' | 300' | 300' | 300' | | 51 | | | | | |
| Year | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January | 3.09 | 1.65 | .80 | 1.06 | 2.72 | 3.53 | 1.35 | 3.64 | 1.97 | 2.09 | 21.90 |
| February | 5.56 | .80 | 1.10 | 2.44 | 1.45 | .16 | 2.55 | 2.47 | .09 | 2.14 | 18.76 |
| March | 3.86 | 2.36 | .30 | 2.01 | .93 | .56 | 1.02 | 1.69 | 2.52 | 1.59 | 16.84 |
| April | 2.68 | 1.32 | 2.42 | .82 | .17 | 1.32 | .31 | 1.27 | 2.10 | .81 | 12.72 |
| May | 2.52 | 2.18 | 1.71 | 2.62 | 3.82 | .33 | 1.22 | 1.95 | .61 | 1.94 | 18.90 |
| June | .97 | 1.14 | 1.38 | 5.10 | 2.21 | 2.17 | .79 | 2.97 | .77 | 1.61 | 19.11 |
| July | 1.54 | .48 | 3.41 | 2.52 | .26 | 4.44 | 3.95 | 1.09 | 3.33 | 3.71 | 24.73 |
| August | 4.16 | 2.85 | 1.85 | 3.66 | .95 | 4.08 | 2.62 | 3.36 | 1.61 | 2.45 | 26.99 |
| September | 2.96 | 3.24 | 1.61 | 2.24 | 1.67 | 3.75 | 3.01 | 3.09 | .16 | 2.94 | 24.67 |
| October | .66 | 3.25 | 2.85 | 2.14 | 3.73 | 2.27 | 1.79 | 2.79 | 2.36 | 9.41 | 31.25 |
| November | 6.13 | 2.90 | 1.01 | 3.52 | 2.44 | .69 | 2.44 | 2.59 | 2.91 | 3.13 | 27.76 |
| December | 1.84 | 2.25 | .60 | 2.39 | 2.60 | 3.06 | 2.54 | 2.76 | 3.76 | 2.88 | 24.68 |
| TOTALS | 35.97 | 24.42 | 19.04 | 30.02 | 22.95 | 26.36 | 22.99 | 29.67 | 22.19 | 34.70 | 26831. |
| | d | d | d | d | d | d | d | d | d | d | |

1951 Boundary walling 14° 31° N:

1952 Sun not observed

1957 Imp. Mr. Howell 11/10. Some snow round. The excited meadow plot in kitchen garden at foot of slope. Large battleaxe buried strapped leather belt carried up to the dispensary where measured in snow.

1960 Del. probably 167 m to big tree to west of church. The tree 3/3

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 50417852638

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|
| 1951 | | | Crowthorne | 2 ml | W | Crowthorne | 1 ml |

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 |
|----------------|--|---------|-------------|------------------|-----------------------|---------|
| | | | C 1923 | ✓ | ✓ | |
| | | | ✓ b.u.r. 27 | ✓ b.u.r.d. 31-35 | ✓ b.u.r.d. 41, 45, 46 | |