

1980

RAINFALL AT

Bath Henrietta Park

Lat. _____

Lon. _____

County of

Somerset

Rain Gauge, by _____

Observer

D. W. H. Symons

L. avon - 1.

| | | | | | | | | | | | |
|------------------|------|------|------|------|----------|------|------|------|------|-------|----------|
| Diameter . . . | | | | | | | | | | 5 | |
| Height | | | | | | | | | | 1 0 | |
| Altitude . . . | | | | | | | | | | 70 ft | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. |
| January | | | | | (173.0) | | | | | 5.03 | (2.232) |
| February | | | | | (147.0) | | | | | 3.76 | (1.846) |
| March | | | | | (170.0) | | | | | .94 | (1.794) |
| April | | | | | (143.0) | | | | | 3.87 | (1.817) |
| May | | | | | (167.0) | | | | | 1.61 | (1.831) |
| June | | | | | (175.0) | | | | | 1.64 | (1.914) |
| July | | | | | (244.0) | | | | | .27 | (2.467) |
| August | | | | | (287.0) | | | | | 1.22 | (2.992) |
| September . . . | | | | | (254.0) | | | | | 3.26 | (2.466) |
| October | | | | | (320.0) | | | | | 2.43 | (3.443) |
| November . . . | | | | | (246.0) | | | | | 3.07 | (2.767) |
| December . . . | | | | | (272.0) | | | | | 2.19 | (2.939) |
| TOTALS . . . | | | | | (2558.0) | | | | | 29.29 | (28.509) |

90-98 = Bath as in House X $\frac{100}{1025}$

RAINFALL AT Bath Henrietta Park

Lat.

Lon.

County of Somerset North

Rain Gauge, by

Observer D. W. H. Symons

L. avon - 1.

| Diameter .. | 5 | | | | | | | | | | |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height | 10 | | | | | | | | | | |
| Altitude .. | 675 | | | | | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January .. | 3.27 | 2.01 | 1.62 | 3.80 | 3.20 | .61 | 4.26 | 1.23 | 1.24 | 1.17 | 2.241 |
| February .. | 5.68 | .85 | .85 | 1.78 | 3.61 | .86 | 2.09 | 1.26 | 1.32 | .66 | 1.896 |
| March | 1.27 | 2.49 | 1.79 | 3.83 | 1.86 | 3.64 | 1.69 | .70 | 2.72 | 3.41 | 2.340 |
| April | 1.24 | 2.83 | 1.36 | 3.14 | 1.80 | 2.47 | 1.24 | 3.57 | 2.99 | 2.13 | 2.277 |
| May | 2.36 | 1.24 | 2.03 | 5.05 | 1.97 | .07 | 1.81 | 2.97 | 1.15 | 1.56 | 2.021 |
| June | 1.92 | 1.90 | 3.17 | 4.38 | 1.46 | 3.48 | 2.64 | 2.39 | .51 | 2.68 | 2.453 |
| July | 1.28 | 2.86 | 1.56 | 3.03 | 2.45 | .56 | 1.03 | 4.80 | 2.53 | 1.95 | 2.205 |
| August | 2.56 | 1.53 | 2.64 | 3.94 | 2.82 | 3.98 | 1.94 | 2.21 | 4.15 | 3.22 | 2.899 |
| September.. | .56 | 2.50 | 1.65 | 2.24 | 1.37 | 1.66 | .76 | .49 | 2.11 | 3.12 | 1.646 |
| October.... | 2.74 | 1.60 | 1.95 | 6.90 | .71 | 1.45 | 4.91 | 5.67 | 1.72 | 4.56 | 3.221 |
| November.. | 2.61 | .66 | 2.58 | 2.12 | 1.81 | 3.08 | 3.00 | 2.23 | .96 | 1.21 | 2.026 |
| December.. | 6.40 | 5.94 | 2.20 | 2.36 | 1.96 | .93 | 1.87 | 4.80 | 2.73 | 4.49 | 3.363 |
| TOTALS .. | 31.89 | 26.41 | 23.40 | 42.57 | 25.02 | 22.79 | 27.24 | 32.32 | 24.13 | 30.16 | 28.503 |

DM 2m 5m 5m 5m 5m

1900 Bath abbey 1/4 mile 55

1907 GWRMR station 3/4 mile

HWS

10.1980

RAINFALL at Bath Hemilton ParkCounty of SomersetObserver D. W. Symons Deed.River Basin Lower Avon 1Bath CorporationSumner Rain Gauge, by Candler
50.5

| Diameter ... | 5 | | | | | | | | | | | |
|--------------|----------|-------|-----------------|-------|-------|-------|-------|-------|-----------------|-------|--------|--------|
| Height | 10 | | | | | | | | | | | |
| Altitude ... | 67 π | | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. | SUMS |
| January ... | 3.27 | .83 | 4.57 | 4.88 | .58 | 4.13 | 1.55 | 1.46 | 3.33 | 4.56 | | 10.90 |
| February ... | 4.21 | 1.98 | 2.05 | 1.03 | 2.84 | 5.47 | 4.65 | .94 | 1.42 | 2.82 | | 9.83 |
| March | .71 | 2.72 | 5.68 | 3.42 | 4.05 | .94 | 4.46 | 3.33 | 1.01 | 4.73 | | 13.93 |
| April | 3.01 | 1.32 | .29 | 3.13 | 1.60 | 1.07 | 1.04 | 2.08 | 2.67 | 2.15 | | 7.94 |
| May | 1.20 | .80 | 1.72 | 2.53 | 1.50 | 2.82 | 2.24 | 2.65 | 1.71 | .69 | | 7.19 |
| June | 5.65 | 1.68 | 3.09 | .68 | 2.04 | 1.61 | 2.21 | 4.13 | 1.02 | 1.02 | | 8.38 |
| July | 1.81 | .00 | 3.63 | .45 | 3.07 | 3.92 | 1.15 | 2.59 | 4.55 | 2.46 | | 10.71 |
| August | 5.17 | 1.08 | 5.88 | 2.01 | 2.09 | 2.65 | 3.89 | 7.59 | 2.37 | 2.66 | | 6.51 |
| September .. | .14 | 1.01 | .80 | 3.16 | 1.23 | 1.84 | 1.12 | 2.37 | 6.80 | 1.30 | | 11.59 |
| October ... | 4.71 | 2.88 | 4.29 | 3.12 | 2.47 | 4.03 | 7.00 | 5.11 | 1.47 | 2.07 | | 15.65 |
| November .. | 4.19 | 3.62 | 2.20 | 2.52 | 4.05 | 2.10 | 3.12 | .77 | 2.17 | 1.94 | | 8.00 |
| December ... | 5.30 | 7.09 | 5.08 | 2.05 | 6.89 | 5.54 | 4.23 | .61 | 3.07 | 5.81 | | 13.42 |
| TOTALS ... | 39.47 | 25.01 | 39.28 | 28.98 | 32.41 | 36.12 | 36.66 | 33.62 | 31.59 | 31.81 | | 133.85 |
| | π | π | π | π | π | π | π | π | π | π | | 44.8 |

1910 - 51 Mangy Church
 1914 - 200 ft high 160 ft N + E
 Sheds 10' . . . 44' . . . N + E

There are here two copper shrouds gg. in excellent condition & exposure (the read M.V. times, figures not sent to B.R.O.) inner cans, bottles etc. complete.

+ Impacted D. 21. Sept. 1912

The sites were said to have been chosen by Mr. Symons.

| Date. | Lat. N. | Long. W. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|----------|------------------|-----------|-------------|----------|-----------|------------|
| 1910 | 51.23.8 | 2.21.14 | GWR + m R | 1/2 mile | SSW + SW | St Mangy | 1/4 mile | N S |

RAINFALL at Bath (Henrietta Park)County of LongepohuObserver Bath Corporation M.O.H.River Basin 1-L. avon.Shawdon Rain Gauge, by Gasella
No. 8125.

| Diameter ... | 5 | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|---------|-------|
| Height | 1.0 | | | | | | | | | | | | |
| Altitude ... | 67 | | | | | 66 | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 MEANS. | Totals. | 20-30 |
| January ... | 4.03 | 3.03 | 3.79 | 1.76 | 3.91 | 3.43 | 3.93 | 3.04 | 4.29 | 1.31 | 4.15 | 36 | 67 |
| February ... | 1.33 | .29 | 3.61 | 6.54 | .23 | 4.54 | 2.20 | 3.89 | 2.56 | 1.02 | 1.01 | 27 | 20 |
| March | 2.34 | 2.09 | 2.96 | 1.28 | 1.32 | .88 | 1.06 | 3.32 | 2.77 | .19 | 1.95 | 20 | 16 |
| April | 4.01 | .86 | 2.96 | 1.97 | 2.88 | 2.56 | 3.38 | 1.56 | 1.37 | .88 | 1.95 | 24 | 38 |
| May | 1.89 | 2.05 | .60 | 1.60 | 4.57 | 4.54 | 2.38 | .97 | 1.44 | 1.68 | 1.54 | 23 | 26 |
| June | 2.90 | .27 | 1.14 | .57 | 2.61 | .00 | 2.49 | 2.93 | 2.43 | 1.21 | .44 | 16 | 99 |
| July | 5.49 | .61 | 3.96 | 1.11 | 3.55 | 3.77 | 2.84 | 3.03 | 3.33 | 1.71 | 2.44 | 31 | 84 |
| August | 1.04 | 1.25 | 3.80 | 2.38 | 3.26 | 2.34 | 1.82 | 6.14 | 3.93 | 2.70 | 4.28 | 32 | 94 |
| September... | 1.23 | 1.94 | 1.81 | 2.79 | 3.09 | 3.16 | 1.19 | 5.48 | 1.23 | .44 | 3.93 | 26 | 59 |
| October | 2.92 | 1.03 | 1.24 | 4.61 | 5.22 | 2.76 | 4.09 | 2.28 | 5.01 | 5.19 | 2.80 | 37 | 15 |
| November... | 1.70 | 1.91 | 1.39 | 2.36 | 2.84 | 2.13 | 7.36 | 3.09 | 3.11 | 6.89 | 4.49 | 37 | 27 |
| December... | 2.73 | 1.96 | 3.81 | 3.20 | 4.23 | 3.94 | .43 | 2.84 | 3.27 | 6.11 | 3.79 | 36 | 31. |
| TOTALS... | 31.61 | 17.29 | 31.07 | 30.17 | 37.71 | 34.35 | 33.17 | 38.57 | 34.74 | 29.33 | 32.77 | 350.78 | |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 426 | |

1920 was 70ft. 160ft. off. N. & E.

For 1920, 10" 4ft. N.W. N.
 1925. Poplar trees 70ft high 25 yds S.
 " Chestnut " 40 " " 50 " NE.

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 |
|-------|------------|------------|------------------|---------------------|-----------|--------------------------------|---------------------|-----------|
| 1920 | 51° 23' 8" | 2° 21' 14" | Bath (S.W.R.) | 3/4 mile | S.W. | St. John Baptist (Bathwick) | 250 yds 1/4 mi | N. |

RAINFALL at Bath (Henrietta Park) M.W.R.

County of Somersetshire

Observer Bath Corporation

River Basin Lower Avon - 1.

M.O.H.

Type of Gauge Snoton

Annual Average 29.2 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. B.N.

660192/26

| Diameter | 5. | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|
| Height | 1.0. | | | | | | | | | | | |
| Altitude | 67. | | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Totals. | Means |
| January | 1.92 | 3.03 | 2.59 | 2.14 | 1.86 | 3.81 | 4.23 | 2.97 | 5.15 | 2.19 | 28.79 | |
| February | 2.43 | 1.03 | 3.90 | 1.2 | 2.52 | 2.72 | 5.00 | 1.95 | 1.51 | 2.87 | 22.10 | |
| March | 1.72 | 2.03 | 3.04 | 2.72 | 1.92 | 2.33 | 4.49 | 1.09 | 1.58 | 2.38 | 20.30 | |
| April | 2.53 | 3.83 | 0.98 | 2.46 | 5.05 | 2.50 | 2.58 | 1.1 | 3.15 | 2.06 | 25.30 | |
| May | 2.97 | 4.62 | 1.97 | 1.08 | 1.74 | 1.04 | 2.28 | 1.94 | 1.91 | 1.96 | 20.11 | |
| June | 2.60 | 1.31 | 1.02 | 1.47 | 4.73 | 1.97 | 1.19 | 1.03 | 2.43 | 1.50 | 18.25 | |
| July | 4.21 | 4.50 | 2.89 | 1.76 | 1.47 | 5.84 | 2.76 | 3.09 | 3.88 | 3.43 | 33.83 | |
| August | 3.57 | 1.74 | 1.02 | 3.05 | 1.57 | 1.30 | 1.94 | 2.99 | 2.14 | 1.07 | 17.19 | |
| September | 1.69 | 4.23 | 2.93 | 2.31 | 5.25 | 3.23 | 2.13 | 3.31 | 1.40 | 1.48 | 28.06 | |
| October | 1.93 | 5.77 | 2.23 | 1.71 | 4.94 | 1.41 | 3.18 | 4.59 | 3.35 | 3.43 | 31.59 | |
| November | 3.90 | 1.92 | 0.63 | 1.26 | 6.70 | 3.26 | 1.69 | 4.16 | 5.34 | 8.17 | 37.03 | |
| December | 1.56 | 1.36 | 1.36 | 6.17 | 3.97 | 2.67 | 2.17 | 3.63 | 1.98 | 1.28 | 26.15 | |
| TOTALS | 29.08 | 33.47 | 24.56 | 26.25 | 39.72 | 30.68 | 32.64 | 28.86 | 33.02 | 29.82 | 308.70 | |

1923 Inspected by M.O. Inspector. G. & site good, may be rather sheltered.
 Inspected 12/11/34 Site not ideal owing to some poplar trees to S
 Inspected 15/7/35 Vertical seam of funnel leaking.
 16/7/35 Vertical seam of rain-gauge repaired.
 Inspected 1937. 2nd 70ft. high, 75ft. to land not able to afford full data to any
 appreciable extent.

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 |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1931 | | | GWR | 3/8 ml | SSW | Bathwick | 1/8 ml | E |

Station No. 1980

RAINFALL at Bath (Henrietta Park) (M. W. R. 271) 41

County of Somersetshire Observer M. D. H.

River Basin Lower Avon - 1

Type of Gauge Snowdon

Annual Average 30.3 in. based on 17 years obs. unweighted. Period of average 1851-1915 Ref B. & N.

File No. 660192/26

| Diameter | 5 | | | | 4 1/2 | 2 1/4 | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height | 10 | | | | | 1 | | | | | | |
| Altitude | 67 | | | | | 41 | | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means | Totals |
| January | 3.73 | 3.28 | 5.42 | 1.65 | 1.66 | 2.27 | 2.26 | 5.97 | 1.10 | .53 | | 27.87 |
| February | 2.79 | .33 | 1.35 | .61 | 2.69 | 3.22 | 1.64 | 1.30 | 1.43 | 5.39 | | 20.75 |
| March | 3.75 | 1.72 | 1.07 | .44 | .87 | .68 | 4.95 | 1.15 | 1.39 | .80 | | 16.82 |
| April | 1.21 | 1.18 | .68 | 1.54 | .87 | 2.50 | 2.28 | 2.15 | 1.57 | 2.11 | | 16.09 |
| May | 1.38 | 4.71 | 2.64 | 1.14 | 2.48 | 3.98 | 3.44 | 4.28 | 3.15 | 2.33 | | 29.53 |
| June | 2.04 | .37 | 1.42 | 1.97 | 3.15 | 3.53 | 1.70 | 2.06 | .24 | 1.84 | | 18.32 |
| July | 1.65 | 2.79 | 1.92 | 2.01 | 1.29 | 1.06 | 2.19 | .81 | 1.22 | 4.40 | | 20.34 |
| August | 4.99 | 4.26 | 3.27 | 2.13 | 2.84 | 4.86 | .86 | 3.22 | 1.44 | 4.52 | | 32.39 |
| September | .47 | 1.70 | 3.13 | 2.32 | 2.26 | 3.92 | 1.46 | 2.14 | 1.32 | 4.28 | | 23.00 |
| October | 1.69 | 3.56 | 3.56 | 4.48 | 3.80 | .89 | .29 | 3.44 | 5.99 | 1.58 | | 29.28 |
| November | 1.73 | 1.33 | 1.94 | 5.71 | .31 | 4.63 | 2.13 | 1.46 | 3.22 | 5.79 | | 28.25 |
| December | 1.97 | 3.69 | 1.56 | 2.36 | 4.27 | 2.58 | 2.78 | 4.36 | 1.16 | 2.02 | | 26.75 |
| TOTALS | 27.40 | 28.92 | 27.96 | 26.36 | 26.49 | 34.12 | 26.68 | 32.34 | 23.23 | 35.59 | | 287.39 |

Installed 17/10/50 D. Deane, unsatisfactory site. Trees 42-48' high 60-160' distant bearing 140° - 210°.

257.82
5 4 4

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. 1980

RAINFALL at Bath (Henrietta Park)

(MWR) (271) 51

County of Somerset

Observer M. O. H.

River Basin Lower Avon - 1

Type of Gauge Snowdon Newco. gage. 5767

(Measure 140 (115.054) 115)

2153

Annual Average 30.3 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. B. of N.

30-93 " " 35 " " 1916-1950

File No. 1916-1950

| Diameter ... | 5" | | | | 4 1/2 | 2 3/4 | | | | | |
|---------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| Height ... | 11' 0" | | | | | 1 | | | | | |
| Altitude ... | 671 | | | | | 51 | | | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January ... | 2.74 | 2.68 | .78 | 2.41 | 3.07 | 4.40 | 2.42 | 2.60 | 3.90 | 3.58 | 28.58 |
| February ... | 4.66 | .75 | 2.13 | 3.29 | 1.74 | .21 | 2.74 | 3.69 | .21 | 2.43 | 21.85 |
| March ... | 3.35 | 2.69 | .68 | 3.81 | 1.15 | .88 | 2.19 | 1.27 | 3.07 | 2.43 | 21.52 |
| April ... | 4.04 | 1.56 | 2.57 | .36 | .97 | 1.31 | .13 | 1.07 | 2.39 | 1.37 | 15.77 |
| May ... | 2.39 | 4.44 | 1.89 | 2.20 | 4.49 | .47 | 2.16 | 2.24 | 2.08 | 1.16 | 23.52 |
| June ... | 1.61 | 2.49 | 1.42 | 4.50 | 3.50 | 1.91 | 1.27 | 5.76 | 1.73 | 2.23 | 26.42 |
| July ... | 1.06 | 1.47 | 2.80 | 2.52 | .83 | 2.98 | 3.27 | 3.51 | 2.92 | 4.13 | 25.49 |
| August ... | 5.40 | 4.83 | 3.23 | 2.94 | 1.21 | 4.31 | 3.76 | 2.41 | 2.16 | 4.66 | 34.91 |
| September ... | 3.27 | 3.50 | 3.70 | 3.50 | 1.70 | 3.08 | 3.48 | 4.81 | .17 | 4.03 | 31.24 |
| October ... | .72 | 4.39 | 2.41 | 2.84 | 1.49 | 2.15 | 2.89 | 2.22 | 2.82 | 7.54 | 29.47 |
| November ... | 7.73 | 4.80 | 1.39 | 6.79 | 3.07 | .64 | 2.64 | 2.33 | 3.77 | 4.15 | 37.31 |
| December ... | 2.56 | 2.74 | .77 | 2.35 | 3.93 | 3.54 | 2.44 | 3.84 | 6.45 | (4.53) | 33.15 |
| TOTALS ... | 39.53 | 36.34 | 23.77 | 37.51 | 27.15 | 26.83 | 29.39 | 35.75 | 31.67 | 22.24 | 329.23 |
| | D | D | D | D | D | D | D | D | D | D | |

Temp (Mgmet) 26.4.54 9.30 and 10.30 min. accepted. S. like satisfactory.

1957. Rather low, but accept.

1957 7.10.57. Station inspected. Satisfactory.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference ST(31) 754.853

| 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 |
|----------------|---------|---------|---------|---------|---------|
| C1899 | ✓ | ✓ | ✓ | ✓ | |