

(Meters Row.)

RAINFALL at Northampton Cheyne Walk
 County of Northamptonshire Observer (Major G.A. Northam)
 River Basin Nene R.H. Primavesi

Howard Rain Gauge, by _____

| Diameter ... | 5" | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|
| Height | 8 6 | | | | | | | | | 12 0 | |
| Altitude ... | 240 | | | | | | | | | 250 | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | <u>1930</u> |
| January ... | 2.45 | 2.11 | 3.31 | 1.07 | 2.33 | 1.06 | 2.81 | 2.09 | 3.12 | 1.19 | 2.63 |
| February ... | .69 | .34 | 1.96 | 3.77 | .45 | 2.84 | 2.91 | 2.88 | 1.86 | .62 | 0.51 |
| March | 2.14 | .75 | 1.63 | 1.92 | .89 | .47 | .58 | 1.85 | 1.64 | .03 | 1.62 |
| April..... | 0.00 | 1.04 | 3.33 | 1.89 | 2.91 | 1.56 | 3.33 | 1.35 | 1.17 | 1.52 | 2.01 |
| May | 1.22 | 1.53 | 1.22 | 1.07 | 3.91 | 2.47 | 2.74 | .74 | .86 | 1.36 | 2.72 |
| June | 2.08 | .35 | 1.39 | .63 | 1.92 | .03 | 2.27 | 3.05 | 2.35 | 1.06 | 1.38 |
| July | 2.69 | .44 | 3.54 | 2.47 | 2.93 | 2.41 | 1.44 | 2.71 | 3.06 | 1.90 | 2.42 |
| August | .79 | 1.75 | 4.79 | 1.54 | 2.04 | 1.57 | 1.31 | 3.43 | 1.58 | .84 | 2.02 |
| September... | 1.77 | 1.07 | 2.04 | 2.48 | 2.85 | 2.26 | 1.40 | 4.52 | 1.07 | .48 | 2.90 |
| October..... | 1.08 | 1.10 | .85 | 3.41 | 3.56 | 2.96 | 2.09 | 1.55 | 3.67 | 2.67 | 0.98 |
| November... | 1.50 | 1.74 | 1.12 | 1.68 | 2.45 | 1.49 | 3.19 | 2.53 | 2.64 | 5.27 | 2.74 |
| December... | 2.21 | 1.22 | 2.60 | 2.63 | 3.43 | 2.28 | 4.4 | 2.84 | 2.13 | 4.44 | 2.04 |
| TOTALS... | 23.62 | 13.24 | 27.78 | 24.56 | 29.67 | 22.40 | 24.51 | 29.54 | 25.17 | 31.38 | 23.97 |
| | D | D | D | D | D | D | D | D | D | D | D |

19/12/29 Height of gauge cannot be altered owing to surrounding objects
 see Enc 12 f 679 229/26.

1929 Building 32' high 6' N
 " 32 " 20' S

25/1/30 Impacts 2 feet less pattern new gauge base made 5 2400
 same place as on roof. no better site available, reagent

1930. G. read in winter 9 am.

Summer 10.

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

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge | Direction |
|-------|---------|-------|--------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1930. | | | Northampton Castle | 1/2m | W. | All Saints | 60yds. | S. |

RAINFALL at Northampton (Mercers Row).

County of Northamptonshire

Observer R. H. Primavesi, Esq.

River Basin Nene - 4

Type of Gauge Standard

Annual Average 23.6 in. based on 20 years obs. unweighted. Period of average 1881-1915

Computed X/36.

Ref. Survey
679229 16

| Diameter | 5' | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|------|
| Height | 12.0 | | | | | | | | | | | |
| Altitude | 150 | | | | | | | | | | | 250' |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means | |
| January | 1.09 | 1.44 | 1.26 | 1.66 | 1.03 | 4.42 | 3.85 | 2.94 | 5.66 | 2.74 | 26.15 | |
| February | 1.98 | 2.23 | 2.31 | 1.47 | 2.63 | 1.98 | 3.81 | 1.92 | 1.98 | 2.38 | 17.69 | |
| March | 1.11 | 1.33 | 2.52 | 1.79 | 0.37 | 1.55 | 3.33 | 1.19 | 1.65 | 1.99 | 14.73 | |
| April | 3.35 | 2.53 | 1.72 | 1.96 | 4.54 | 1.88 | 2.46 | 1.08 | 2.35 | 2.55 | 22.92 | |
| May | 2.26 | 4.86 | 1.44 | 1.90 | 1.13 | 1.14 | 4.50 | 1.64 | 1.32 | 1.98 | 21.57 | |
| June | 1.48 | 1.69 | 2.46 | 1.80 | 5.78 | 3.11 | 1.46 | 1.56 | 1.84 | 1.11 | 20.29 | |
| July | 3.18 | 3.25 | 1.50 | 1.97 | 0.62 | 4.99 | 1.46 | 1.88 | 3.12 | 4.46 | 26.43 | |
| August | 3.53 | 2.18 | 1.90 | 1.89 | 2.13 | 1.38 | 1.81 | 4.09 | 4.30 | 2.20 | 20.41 | |
| September | 2.50 | 2.74 | 1.41 | 2.10 | 4.70 | 3.09 | 1.78 | 2.00 | 1.70 | 1.18 | 22.20 | |
| October | 1.37 | 2.83 | 1.89 | 1.29 | 4.04 | 1.93 | 3.09 | 3.53 | 6.14 | 2.73 | 27.89 | |
| November | 2.01 | 1.73 | 1.62 | 1.86 | 4.26 | 2.94 | 1.53 | 2.67 | 3.17 | 6.11 | 27.90 | |
| December | 1.82 | 1.51 | 1.50 | 4.49 | 2.92 | 3.37 | 2.21 | 3.08 | 1.89 | 1.45 | 20.74 | |
| TOTALS | 22.68 | 24.32 | 18.53 | 21.18 | 39.21 | 30.78 | 30.79 | 24.58 | 32.57 | 28.88 | 268.52 | |

1931 February 25 ft. high 20 ft. S. E. by N. over 100 ft. E. & W.

* Printed with fortissimo "Reporting to Northamptonshire N.H.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 | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1931. | | | Mercers Row | 1/2 min. w. | | All Saints | 6070 | S. |

Station No. 1110

41

RAINFALL at *Northampton (Mercia Row)

County of Northamptonshire

Observer R. H. P. ~~Leaves~~ Eng.

River Basin River N.

to W. Boddington Eng. (1944).

Type of Gauge Howard

Annual Average 22.6 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 619229/26

| Diameter | 5" | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | 3.87 | 2.58 | 3.60 | 1.41 | 1.78 | 1.63 | 2.12 | 3.54 | .82 | 1.72 | |
| February | 2.18 | 1.03 | 1.08 | 1.15 | 1.50 | 2.14 | (1.52) | 1.03 | 1.05 | 3.76 | |
| March | 2.94 | 1.56 | .90 | .22 | .95 | 1.51 | 5.01 | .97 | 1.78 | .94 | |
| April | 1.60 | .71 | .82 | 1.63 | 1.01 | 1.50 | 1.96 | 1.49 | 1.66 | 2.12 | |
| May | 2.30 | 2.91 | 1.88 | 1.01 | 1.94 | 2.36 | 1.29 | 3.23 | 3.00 | 2.70 | |
| June | 1.25 | .87 | 1.81 | 2.49 | 2.46 | 2.71 | 1.39 | 2.10 | .32 | 2.10 | |
| July | 2.55 | 2.35 | .81 | 2.10 | 2.06 | 1.09 | 2.49 | 1.13 | .98 | 2.98 | |
| August | 4.85 | 2.05 | 1.70 | 2.18 | 1.79 | 3.94 | .10 | 3.42 | .74 | 1.89 | |
| September | .35 | 1.07 | 1.67 | 2.41 | 2.62 | 3.18 | 1.45 | 2.68 | 1.76 | 4.13 | |
| October | 2.31 | 2.68 | 2.03 | 3.49 | 3.49 | 1.37 | .36 | 3.68 | 5.01 | .91 | |
| November | 2.70 | 2.45 | 1.19 | 2.87 | 1.44 | 5.07 | 1.72 | 1.79 | 2.57 | 3.95 | |
| December | .99 | 2.08 | .99 | 1.21 | 2.81 | 1.98 | 2.57 | 2.82 | 1.51 | 1.55 | |
| TOTALS | 27.89 | 22.34 | 18.48 | 22.14 | 22.85 | 28.48 | 21.98 | 27.88 | 21.20 | 27.75 | |

Buildings 25' above gauge 6°N. 20°S. 60°E. 45°W.

Roof g see back of 51-60 sheet

2/22
2/72

+ Printed with footnote "Reporting to Northamptonshire N.H.S."

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series No. of Map Reference No. 160 194

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge. |
|-------|---------|-------|--------------------|---------------------|-----------|----------------|----------------------|
| 1941 | | | Northampton Castle | ½ ml | W. | All Saints | 60 yds S. |

BRITISH RAINFALL ORGANIZATION

Station No. 1110

RAINFALL at || NORTHAMPTON (MERCERS Row)

5

County of NORTHAMPTON

Observer C. W. REDDINGTON, Esq., *

River Basin NENE - 4

Type of Gauge HOWARD

Annual Average 23.6 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. 5

No average collected from gauge

File No. 679229/26

| | | | | | | | | | | |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter in. | 5 | | | | | | | | | 5" |
| Height ft. in. | 110 | | | | | | | | | 12' 0" |
| Altitude ft. | 250 | | | | | | | | | 250' |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 |
| January ... | 2.38 | 1.81 | 1.17 | 1.06 | 2.11 | 3.85 | 1.26 | 2.78 | 3.30 | |
| February ... | 3.29 | 0.69 | 1.80 | 2.23 | 1.84 | 1.31 | 2.22 | 3.21 | 1.03 | |
| March ... | 3.61 | 2.79 | 1.04 | 2.64 | 2.16 | .96 | 1.89 | 2.19 | 2.87 | |
| April ... | 3.04 | 2.09 | 2.03 | .40 | .78 | 1.29 | .43 | .81 | 2.23 | |
| May ... | 2.63 | 2.57 | 1.35 | 3.15 | 4.92 | .36 | 1.63 | 2.29 | .40 | |
| June ... | .81 | 1.04 | 1.96 | 2.79 | 3.74 | 3.34 | 1.66 | 4.22 | 1.10 | |
| July ... | 1.05 | 0.83 | 2.61 | 2.79 | .20 | 4.88 | 2.75 | 2.58 | 2.11 | |
| August ... | 3.84 | 4.00 | 2.56 | 3.60 | .35 | 4.43 | 2.37 | 2.83 | .87 | |
| September ... | 1.81 | 2.59 | 1.41 | 2.37 | 1.57 | 1.98 | 4.39 | 2.38 | .04 | |
| October ... | .79 | 3.29 | 2.21 | 2.33 | 1.81 | 1.43 | 1.76 | 2.34 | 1.69 | |
| November ... | 5.15 | 3.44 | 1.28 | 4.91 | 1.57 | .72 | 1.43 | 1.96 | 2.06 | |
| December ... | 1.86 | 2.63 | .77 | 1.78 | 2.02 | 3.42 | 2.11 | 2.40 | 4.10 | |
| TOTALS ... | 30.26 | 27.27 | 20.19 | 29.85 | 23.07 | 27.97 | 23.90 | 29.99 | 20.80 | |
| | D | D | D | D | D | NP | NP | NP | NP | |

Rain gauge station

1951. Building 25 ft. above gauge, 6 ft. N., 20 ft. S., 60 ft. E. and 45 ft. W.

1953 gauge has always been on flat roof but no other site available. See over.

1957 Site unorthodox - np

Infested 10-11-60 by Helleborus. Unorthodox site and unlikely to give true record. Many splash from surrounding roofs and sheltered by building. Station shortly to be closed.

1959. D.P. site unorthodox.

1953 Record see direct

1959 Reporting to NNHS.

|| Site unorthodox

160 194

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 42/754605

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|
| 1951 | | | Northampton | 1/2 mi. | W. | All Saints | 60 yds. S. |

Summary of Earlier Records from 10-year Sheets :

| Record D. or d | | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|-------------------|--|-------------|---------|---------|----------|----------|
| | | Gimp 3 NR18 | ✓ | ✓ | ✓ bnd 39 | ✓ bnd 41 |