

RAINFALL at Farlington (Tiller Works)County of Hampshire Observer The Borough of PortsmouthRiver Basin Itchen & Spithead (11/5) Waterworks Co.

8" Rain Gauge, by

26-28 Commercial Road,
Portsmouth.

| Diameter ... | 8" | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|---------|
| Height | 1 ft. | | | | | | | | | | | |
| Altitude ... | 157' | | | | | | | | | | | |
| Year | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. | Totals. |
| | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | | |
| January ... | | .90 | 3.39 | 4.26 | .57 | 4.64 | 1.01 | 1.31 | 3.15 | 5.36 | | 16.78 |
| February ... | | 1.68 | 2.05 | 1.37 | 3.76 | 4.67 | 3.65 | 1.07 | 1.14 | 2.50 | | 10.83 |
| March | | 1.60 | 3.73 | 2.65 | 4.15 | .86 | 2.97 | 2.38 | .82 | 4.52 | | 8.36 |
| April | | 1.03 | .07 | 2.60 | 1.29 | 1.13 | .78 | 1.45 | 1.96 | 1.66 | | 10.69 |
| May | | 2.96 | 1.24 | 2.89 | .98 | 3.65 | 1.56 | 2.29 | 1.20 | .51 | | 5.85 |
| June | | 1.66 | 3.22 | .38 | 1.61 | 1.15 | 1.86 | 3.04 | .81 | .66 | | 5.56 |
| July | | .85 | 1.93 | 1.60 | 3.34 | 2.60 | .80 | 2.54 | 2.74 | 1.07 | | 6.37 |
| August | | 1.04 | 7.59 | 2.09 | 1.49 | 1.29 | 2.04 | 4.83 | 2.25 | 2.59 | | 7.15 |
| September... | .15 | 1.25 | 2.55 | 2.93 | 1.31 | 2.55 | 2.80 | 1.27 | 5.31 | 1.70 | | 11.71 |
| October | 4.59 | 4.90 | 3.33 | 4.75 | 2.01 | 3.77 | 4.36 | 3.70 | 1.28 | .65 | | 10.58 |
| November... | 3.65 | 4.44 | 1.85 | 3.21 | 3.24 | 2.52 | 3.82 | 1.09 | 1.85 | 2.36 | | 9.99 |
| December... | 4.28 | 7.29 | 3.43 | 1.97 | 7.95 | 7.96 | 3.47 | .87 | 2.67 | 5.65 | | 9.12 |
| TOTALS... | | 29.60 | 34.38 | 30.70 | 31.70 | 36.79 | 28.62 | 25.84 | 25.18 | 29.23 | | 12.66 |
| | | | | | | | | | | | | 108.87 |

1929. Back year 1910 imp. - 1929

read Jan

See No. 778716/27

PER PRO THE BOROUGH OF

PORTSMOUTH WATER WORKS COMPANY.

J. Holton Thomas
ENGINEER.

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 | Parish Church. | Distance from gauge | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| | | | | | | | | |

RAINFALL at Farlington (Filtration Works)County of Hampshire Observer The Boro' of PortsmouthRiver Basin Itchen & Spithead Waterworks Co.
(H 3)Spithead Rain Gauge, by 26 Commercial Road.
D. Halton Thomson Portsmouth.

| Diameter ... | 8" | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|---------|
| Height | 1 ft | | | | | | | | | | | |
| Altitude ... | 157' | | | | | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 MEANS. | Totals. |
| January ... | 3.53 | 3.35 | 4.61 | 1.55 | 2.85 | 3.71 | 3.82 | 2.20 | 4.72 | 1.31 | 3.80 | 35.45 |
| February ... | .57 | .41 | 2.83 | 4.81 | .39 | 4.53 | 1.84 | 3.90 | 1.82 | 1.17 | 1.40 | 23.67 |
| March | 2.29 | 1.04 | 1.80 | 1.69 | 1.31 | .40 | .51 | 2.55 | 1.95 | .13 | 1.35 | 15.02 |
| April | 2.41 | .93 | 3.21 | 3.06 | 2.63 | 2.70 | 2.51 | 1.80 | 1.62 | .80 | 2.41 | 24.08 |
| May | 1.26 | 1.25 | .74 | 2.53 | 3.02 | 3.61 | 1.91 | .88 | 1.47 | 2.06 | 1.53 | 20.26 |
| June | 2.22 | .06 | 1.62 | .41 | 3.29 | nil | 2.41 | 2.63 | 2.13 | 1.49 | .59 | 16.85 |
| July | 5.34 | .29 | 3.19 | .72 | 2.67 | 3.20 | 1.46 | 2.63 | 1.58 | 1.94 | 2.22 | 23.24 |
| August | 1.43 | 2.15 | 3.13 | 1.98 | 2.62 | 4.57 | 1.33 | 2.77 | 2.33 | 1.70 | 3.18 | 27.17 |
| September... | 1.78 | .74 | 1.42 | 2.03 | 5.02 | 2.50 | .71 | 5.30 | 1.09 | .88 | 2.38 | 23.35 |
| October | 3.14 | .70 | 1.05 | 6.17 | 4.59 | 3.21 | 2.36 | 1.77 | 6.49 | 3.55 | 2.80 | 35.83 |
| November... | 1.57 | 2.04 | 1.62 | 1.11 | 2.26 | 3.39 | 6.62 | 2.92 | 2.83 | 7.29 | 4.71 | 36.36 |
| December... | 2.18 | 1.68 | 3.97 | 3.21 | 3.51 | 3.61 | .37 | 4.46 | 3.08 | 5.64 | 2.85 | 34.56 |
| TOTALS... | 27.72 | 14.64 | 29.19 | 29.27 | 34.16 | 35.43 | 25.85 | 33.81 | 31.11 | 27.46 | 29.22 | 317.86 |

Note: This is believed to be properly exposed. A check gauge has been used for a short period in the near vicinity and gave practically the same results.

The available record extends back to 1910.
3/7/29 Inspected see green file

FOR THE BOROUGH OF
PORTSMOUTH WATER WORKS COMPANY.

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

Reference No. D. Halton Thomson
ENGINEER

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction from gauge | Parish Church. | Distance from gauge | Direction from gauge |
|-------|---------|----------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1928. | 50° 51' | 1° 2' W. | Cosham | 1 1/2 ml. | W.S.W. | Farlington | 1/2 ml. | E.S.E. |

M.O. 7
16 JAN 1929

RAINFALL at Farlington, Fitter works new gaugeCounty of Hampshire Observer D. Halton Thomson Esq. B.E.River Basin Itchen & Spithead - S. Engineer Portsmouth W. W.

known as Rain Gauge, by.....

(New Gauge)

| Diameter | | | | | | | | | | | | 5 |
|-----------|------|------|------|------|------|------|------|------|------|------|------|-------|
| Height | | | | | | | | | | | | 10 |
| Altitude | | | | | | | | | | | | 157 |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 | |
| January | | | | | | | | | | | | 4.06 |
| February | | | | | | | | | | | | 1.45 |
| March | | | | | | | | | | | | 1.40 |
| April | | | | | | | | | | | | 2.51 |
| May | | | | | | | | | | | | 1.58 |
| June | | | | | | | | | | | | .61 |
| July | | | | | | | | | | | | 2.35 |
| August | | | | | | | | | | | | 3.43 |
| September | | | | | | | | | | | | 2.49 |
| October | | | | | | | | | | | | 2.91 |
| November | | | | | | | | | | | | 4.92 |
| December | | | | | | | | | | | | 2.99 |
| TOTALS | | | | | | | | | | | | 30.70 |

N.B. This is a new gauge on a site a few yards away from original Flaisher site, not on site selected by inspector (7.774716/27 - Ins. 286)

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 |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1930 | | | Cocham | 1 1/2 m. | W. & S.W. | Farlington | 1/2 m. | E. & S.E. |

RAINFALL at Farlington (Filter Works) new/gCounty of HampshireObserver D. Halton Thompson, Esq., C.E.River Basin Itchen & Spithead 5 Portsmouth Water Co. (1937)Type of Gauge London

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

778716/27

| Diameter | 5 | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------|
| Height | 10 | | | | | | | | | | | |
| Altitude | 157 | | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Totals | Means |
| January | 2.15 | 2.66 | 1.84 | 1.95 | .72 | 4.97 | 5.79 | 3.47 | 5.13 | 3.04 | 31.72 | |
| February | 1.75 | .28 | 3.24 | .02 | 3.32 | 2.52 | 4.96 | .44 | 1.52 | 3.57 | 21.62 | |
| March | 1.07 | 1.44 | 2.59 | 2.84 | .81 | 1.85 | 3.38 | .51 | 1.19 | 3.04 | 18.72 | |
| April | 3.07 | 2.46 | 1.26 | 1.86 | 2.80 | 1.77 | 2.29 | .02 | 2.38 | .73 | 18.64 | |
| May | 2.47 | 4.70 | 2.39 | 1.13 | .89 | .14 | 1.97 | 1.31 | 1.04 | .71 | 16.75 | |
| June | 1.63 | 1.55 | 1.57 | 1.24 | 2.48 | 2.60 | 1.02 | .51 | 1.27 | .18 | 14.05 | |
| July | 3.68 | 3.01 | 1.63 | .96 | 1.32 | 3.87 | 1.45 | 1.43 | 3.30 | 3.60 | 26.25 | |
| August | 3.55 | 1.28 | 0.79 | 2.79 | 3.23 | 1.64 | 1.73 | 1.99 | 1.50 | .06 | 17.56 | |
| September | 2.03 | 2.80 | 3.43 | 2.13 | 4.82 | 4.10 | 2.13 | 1.67 | .81 | 1.53 | 25.43 | |
| October | .65 | 6.05 | 1.79 | 1.74 | 5.07 | .89 | 2.81 | 3.49 | 5.52 | 3.96 | 31.94 | |
| November | 4.00 | 1.25 | 0.56 | 3.33 | 7.32 | 5.00 | 1.92 | 4.06 | 5.81 | 7.67 | 40.92 | |
| December | .70 | .84 | 0.76 | 8.27 | 5.52 | 2.47 | 4.24 | 2.66 | 1.87 | 2.27 | 27.60 | |
| TOTALS | 26.75 | 28.32 | 22.18 | 28.26 | 36.27 | 30.82 | 33.69 | 21.56 | 31.34 | 30.36 | 289.22 | 778716/27 |

Gauge on top of a reservoir 27 ft high, worked on plan as filtration gauge.
Record will not be printed after 1940

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 | | | Lascham | 1½ m. | W.S.W. | Farlington | ½ m. | E.S.E. |

Station No. 682 T.S.RAINFALL at Farlington (Ficken Water)

41

County of HampshireObserver Portsmouth Water Co.River Basin Gichen & Spithead S.Type of Gauge Snowdon

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

" " 27.9 in computed by Mr. Cornish (1936) File No. 778716 27
ref. 53249/36

| Diameter | 5" | | | | 322 | 420 | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|
| Height | 1' 0" | | | | | 1 | | | | | | |
| Altitude | 157' | | | | | 41 | | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means | |
| January | 3.45 | 3.43 | 5.81 | 1.88 | 1.90 | 2.23 | 3.01 | 5.02 | .77 | .84 | | Totals 28.34 |
| February | 2.75 | .44 | 1.41 | .77 | 1.69 | 2.71 | 2.10 | 1.25 | 1.03 | 4.93 | | 19.08 |
| March | 3.52 | 2.80 | .63 | .18 | .64 | 1.03 | 6.21 | .65 | 1.59 | 1.37 | | 18.62 |
| April | 1.45 | 1.40 | .84 | 1.33 | 1.07 | 1.92 | 1.66 | 1.56 | 1.33 | 1.94 | | 14.50 |
| May | 1.92 | 2.71 | 2.30 | .66 | 2.19 | 3.97 | 1.18 | 2.23 | 1.54 | 1.41 | | 20.11 |
| June | 1.22 | .36 | 1.12 | 1.68 | 2.15 | 3.17 | 1.60 | 2.08 | .98 | 1.37 | | 15.73 |
| July | 2.51 | 1.61 | 2.02 | 2.86 | 3.52 | 1.91 | 2.09 | 1.22 | .21 | 3.31 | | 21.26 |
| August | 4.12 | 2.74 | 1.10 | 1.66 | 1.77 | 4.72 | .80 | 3.73 | .95 | 2.83 | | 24.42 |
| September | .69 | 2.15 | 1.68 | 1.66 | 1.88 | 3.46 | 1.47 | 1.84 | 2.51 | 3.11 | | 20.45 |
| October | 1.33 | 3.17 | 3.04 | 3.99 | 3.14 | .59 | 1.45 | 1.91 | 7.76 | .46 | | 26.84 |
| November | 3.31 | 1.35 | 1.76 | 4.99 | .67 | 4.21 | 1.46 | 1.60 | 3.47 | 5.40 | | 28.22 |
| December | 1.60 | 3.73 | 2.31 | 2.33 | 3.89 | 3.10 | 3.01 | 3.82 | 2.13 | 2.07 | | 27.99 |
| TOTALS | 27.87 | 25.89 | 24.02 | 23.99 | 24.51 | 33.02 | 26.04 | 26.91 | 24.27 | 29.04 | | 265.56 |

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 | | | Cosham | 1 1/2 m. | WSW | Farlington | 1/2 m. | ESE |

BRITISH RAINFALL ORGANIZATION

Station No. 682 T.F.H.

RAINFALL at Farlington (Filter Works) (1956)

51

County of Hampshire Observer Portsmouth Water Co.

River Basin Itchen and Spithead S

Type of Gauge Snowden

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

27.9 in computed by Mr Cornish (1936) 1916-1950
Ref No. 72.871.6/27 P
rel 561245/36

| Diameter ... | 28.04 | in based on 35 yrs 1916-1950 | | | | | | | | | |
|---------------|-------|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|------------------|
| 5" | | | | | 322 | 420 | 5" | | | | |
| Height ... | 1'0" | | | | | 1 | 1'1" | | | | |
| Altitude ... | 157' | | | | | 51 | 157' | | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means- Totals |
| January ... | 3.21 | 2.27 | 1.06 | 2.21 | 3.20 | 4.43 | 2.17 | 4.34 | 3.41 | 4.11 | 30.41 |
| February ... | 5.70 | .62 | 1.27 | 2.98 | 1.66 | .07 | 4.16 | 2.59 | .18 | 3.29 | 22.52 |
| March ... | 4.50 | 2.88 | .47 | 3.16 | 1.25 | .33 | 1.89 | 1.24 | 2.62 | 1.74 | 20.08 |
| April ... | 2.57 | 1.55 | 1.46 | .20 | .43 | 1.96 | .18 | .65 | 2.13 | .87 | 12.00 |
| May ... | 2.36 | 2.42 | 2.36 | 2.54 | 3.88 | .27 | .94 | 2.47 | .40 | 1.18 | 18.82 |
| June ... | 1.65 | 1.26 | 2.99 | 2.99 | 2.70 | 2.20 | 1.48 | 2.96 | .80 | 2.27 | 21.30 |
| July ... | 2.05 | .32 | 3.78 | 3.82 | 1.78 | 2.51 | 3.66 | 2.96 | 2.75 | 3.95 | 27.58 |
| August ... | 4.72 | 2.23 | 1.64 | 3.33 | 1.33 | 3.32 | 2.13 | 5.00 | 4.01 | 5.64 | 33.35 |
| September ... | 3.02 | 3.70 | 2.71 | 2.71 | 1.96 | 2.94 | 3.18 | 4.58 | .18 | 5.11 | 30.09 |
| October ... | 1.39 | 4.02 | 3.77 | 2.37 | 2.48 | 1.58 | 1.85 | 2.42 | 3.01 | 7.35 | 30.24 |
| November ... | 8.09 | 4.32 | 1.58 | 5.61 | 1.85 | .62 | 2.64 | 2.64 | 3.64 | 5.77 | 36.76 |
| December ... | 2.77 | 2.89 | .63 | 3.15 | 3.95 | 4.52 | 2.05 | 3.87 | 7.18 | 4.41 | 35.42 |
| TOTALS ... | 42.03 | 28.48 | 23.72 | 35.07 | 26.47 | 24.75 | 26.33 | 35.72 | 30.31 | 45.69 | 318.57 |
| | D | D | D | D | D | D | D | D | D | D | D |

INSF. FEB 1959 160% checked SE-SW

Position of Station on Ordnance One-Inch map: No. of Map 181 National Grid Reference SU 679061

| Date. | Lat. N. | Long. | Railway Station. | Distance Direction from gauge | Parish Church. | Distance Direction from gauge. |
|-------|---------|-------|------------------|----------------------------------|----------------|-----------------------------------|
| 1951 | | | Coalham | 1/2 m W.S.W. | Farlington | 1/2 m. E.S.E. |

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 imp 10 | ✓ N 4.30 | ✓ | ✓ | |
| | ✓ | ✓ | ✓ | ✓ | |