

266

RAINFALL AT Folkstone Lower Standen Capel

Lat.

London

County of Kent

1 - Potters

Rain Gauge, by

Observer H Turner Esq

RAINFALL AT Folkestone Lower Staden Capel

Lat.

Lon.

County of Kent East

Smynn Rain Gauge, by

Observer H. Turner Esq.

1-Rothsac.

| Diameter .. | 5 | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height .. | 2 11 | | | | | | | | | | |
| Altitude .. | 250 | | | | | | | | | | |
| Year .. | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January .. | 3.58 | .74 | 1.64 | 2.36 | 2.67 | 1.21 | 3.25 | 1.05 | 2.28 | 1.03 | 1971 |
| February .. | 5.15 | 1.60 | 1.34 | 1.25 | 2.49 | .89 | 2.17 | 2.05 | 1.62 | .86 | 1942 |
| March .. | 1.13 | 2.20 | 1.28 | 2.07 | 1.48 | 2.97 | 2.05 | 1.06 | 2.47 | 3.92 | 2063 |
| April .. | .98 | 1.81 | .77 | 1.88 | .99 | 2.12 | 1.19 | 2.24 | 2.34 | 1.98 | 1629 |
| May .. | .65 | .73 | 2.02 | 3.30 | 1.19 | 1.64 | 1.64 | 2.66 | 1.23 | .85 | 1591 |
| June .. | 4.29 | .99 | 2.04 | 3.66 | 1.42 | 5.80 | 1.87 | 2.19 | 1.24 | 2.90 | 2640 |
| July .. | 1.14 | 1.09 | 1.79 | 4.38 | 2.01 | .97 | .97 | 1.91 | 4.06 | 3.47 | 2179 |
| August .. | 2.04 | 1.45 | 3.56 | 4.67 | 1.31 | 2.34 | .63 | 2.15 | 3.56 | 3.10 | 2480 |
| September .. | .96 | 1.05 | 1.56 | 1.84 | 1.91 | 2.96 | 2.05 | .46 | 1.95 | 3.29 | 1803 |
| October .. | 2.06 | 1.78 | 2.07 | 4.70 | 2.40 | 3.09 | 3.90 | 6.55 | 1.86 | 9.17 | 3758 |
| November .. | 4.71 | .91 | 1.91 | 2.50 | 1.40 | 4.45 | 7.22 | 2.75 | 1.70 | 1.05 | 2860 |
| December .. | 3.24 | 4.12 | 3.14 | 3.36 | 2.75 | .79 | 3.03 | 2.81 | 3.78 | 5.83 | 3285 |
| TOTALS .. | 29.93 | 18.47 | 23.01 | 35.97 | 22.02 | 29.23 | 29.96 | 27.88 | 28.09 | 37.45 | 28201 |

D P D D D =

H. S.

1903 Alkham Church 2 miles NE

Kearsney Station 4 " NE

Engine House 25 ft high 150 ft - NE

"wrong day" previous to 1-1-08

RAINFALL at Folkestone Lower Standen Capel

County of Kent

Observer H.J. Turner Esq.

River Basin Rother & C.

H.J. Turner Esq. (iss)

Rain Gauge, by No 3

| Diameter ... | 5 | | | | | | | | | | | |
|--------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------------------------|
| Height | 2 11 | | | | | | | | | | | 1 0 |
| Altitude ... | 250 ft | | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. | |
| January ... | 3.99 | 2.33 | 3.44 | 3.59 | 1.03 | 3.62 | 1.08 | 3.39 | 3.11 | 4.01 | 29.59 | Total 16.19 11.59 |
| February ... | 3.10 | .97 | 2.44 | 1.03 | 2.16 | 2.84 | 3.64 | .64 | .84 | 2.56 | 20.22 | 7.68 |
| March | 1.73 | 2.84 | 3.85 | 2.14 | 5.17 | 1.15 | 4.54 | 1.91 | 1.21 | 3.80 | 28.34 | 11.46 |
| April | 2.63 | 1.51 | .22 | 3.25 | 1.37 | 1.85 | 2.14 | 1.44 | 1.29 | 2.92 | 18.62 | 7.79 |
| May | 3.84 | .77 | .67 | .93 | 1.01 | 2.96 | 2.03 | 1.19 | 2.33 | .38 | 16.11 | 5.93 |
| June..... | 2.92 | 2.67 | 4.16 | .69 | 1.57 | .73 | 2.79 | 2.16 | 1.41 | .83 | 19.93 | 7.19 |
| July | 2.75 | .37 | 1.71 | 2.03 | 1.56 | 4.07 | 1.61 | 3.78 | 3.79 | 2.20 | 23.87 | 11.38 |
| August..... | 2.52 | 1.13 | 6.67 | 2.98 | 1.19 | 2.37 | 2.90 | 6.42 | 1.02 | 2.15 | 29.35 | 12.49 |
| September .. | .86 | 1.80 | 3.41 | 1.95 | 1.08 | 4.26 | .94 | .97 | 5.71 | 1.36 | 22.34 | 8.98 |
| October ... | 5.60 | 7.10 | 3.65 | 4.32 | 3.85 | 4.31 | 4.92 | 3.71 | 3.07 | 1.42 | 41.95 | 13.12 |
| November .. | 6.78 | 5.53 | 2.15 | 4.65 | 3.20 | 4.94 | 4.68 | 1.89 | 2.31 | 4.56 | 40.69 | 13.44 |
| December... | 3.81 | 5.94 | 3.20 | 1.92 | 6.57 | 5.02 | 4.12 | 2.29 | 2.04 | 4.20 | 42.11 | 12.65 |
| TOTALS ... | 40.53 | 32.96 | 35.57 | 29.48 | 29.76 | 41.12 | 35.39 | 29.79 | 28.13 | 30.39 | 333.12 | 123.70 |

1910 Enginehouse 25 ft high 50 yds NE

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|---------|-----------|------------|
| 1910 | | | Kearney | 4 mi | NE | Ashham | 2 miles | NE |

RAINFALL at Capel, Lower Standon

County of Kent

Observer A. J. Turner Esq., ^{CE} (Water Engineer).

River Basin Rother &c.

Rain Gauge, by N.Y.Z.

| Diameter ... | 5" | | | | | | | | | | |
|--------------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height | 1.0 | 2.11 | | | | | | | | | |
| Altitude ... | 250 | | | | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | MEANS. |
| 31.48 | January ... | 3.38 | 2.74 | 4.52 | 2.01 | 2.57 | 2.50 | 3.25 | 2.07 | 4.61 | 2.76 |
| 22.32 | February ... | .61 | .63 | 2.23 | 3.79 | .56 | 3.66 | 2.74 | 4.04 | 1.58 | 1.50 |
| 16.34 | March | 1.04 | 1.86 | 2.18 | 1.86 | 1.27 | 1.43 | .38 | 2.89 | 1.56 | 2.18 |
| 26.45 | April | 2.47 | 1.59 | 2.86 | 1.77 | 3.16 | 3.31 | 3.66 | 1.72 | 2.64 | 2.04 |
| 22.94 | May | 1.50 | 1.18 | .53 | 4.11 | 2.60 | 2.27 | 1.81 | .78 | 3.64 | 1.17 |
| 21.19 | June | 1.62 | .18 | 2.05 | .68 | 1.24 | .53 | 4.39 | 4.65 | 2.66 | 2.12 |
| 26.67 | July | 3.30 | .24 | 2.26 | .74 | 3.27 | 3.26 | 1.54 | 5.84 | 1.22 | 3.56 |
| 28.84 | August | 2.22 | 2.40 | 3.16 | 1.61 | 3.47 | 1.49 | 1.50 | 5.04 | 1.31 | 2.62 |
| 26.63 | September... | 2.97 | .85 | 4.90 | 2.23 | 2.93 | 2.40 | .58 | 3.63 | .64 | 1.65 |
| 37.07 | October | 1.16 | .30 | 2.76 | 6.53 | 4.48 | 3.60 | 4.50 | 1.43 | 4.04 | 3.70 |
| 40.98 | November... | 1.51 | 2.16 | 1.69 | 2.01 | 2.71 | 4.26 | 6.12 | 3.54 | 5.96 | 5.28 |
| 35.66 | December... | 3.60 | 2.12 | 3.05 | 3.27 | 2.10 | 4.64 | .93 | 4.20 | 3.41 | 5.35 |
| 336.57 | TOTALS... | 25.38 | 15.75 | 32.24 | 30.61 | 30.35 | 33.35 | 31.40 | 39.83 | 36.63 | 27.04 |
| | | | | | | d | d | d | d | d | d |
| | | | | | | | | | | | |

Means

Position of Station on reduced Ordnance Survey } 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 |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1920 | | | Kearney | 4 mi | N.E. | Alkham | 2 mi | N.E. |

** Alkham*
RAINFALL at ~~Cape~~ (Lower Standen)

County of Kent

Observer H. T. Tucker, Esq., C.E.

River Basin Rother &c. 1

The Engineer, Folkestone W.W. 60

Type of Gauge

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

Ref. 675926/26

| Diameter | 5 | | | | | | | | | | |
|-----------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|
| Height | 2 | 11 | | | | | | | | | |
| Altitude | 250 | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means |
| January | (300) | 1.20 | 2.33 | 2.62 | 2.22 | 3.98 | 4.47 | 3.72 | 4.94 | 3.09 | Totals 31.58 |
| February | (250) | 1.62 | 1.73 | 2.23 | 2.72 | 2.35 | 4.33 | 1.00 | 1.92 | 2.34 | 18.74 |
| March | (60) | 1.27 | 1.84 | 2.89 | 2.26 | 1.97 | 5.87 | 1.62 | 2.38 | 2.44 | 19.14 |
| April | (310) | 3.61 | 1.05 | 2.22 | 3.42 | 2.01 | 2.81 | 1.96 | 3.38 | 1.38 | 23.94 |
| May | (190) | 3.16 | 1.94 | 1.11 | 2.05 | 1.34 | 3.33 | 2.86 | 1.63 | .99 | 19.31 |
| June | (190) | 1.52 | 2.20 | 1.05 | 2.76 | 3.00 | 1.77 | 1.52 | 1.64 | .92 | 17.28 |
| July | (320) | 4.57 | 1.65 | 1.02 | 1.34 | 4.98 | 1.64 | 3.50 | 1.59 | 3.31 | 25.80 |
| August | (390) | 1.73 | .75 | 2.15 | 3.86 | 1.09 | 1.03 | 2.14 | 1.83 | .04 | 17.53 |
| September | (130) | 2.28 | 5.98 | 1.76 | 3.12 | 3.91 | 3.01 | 2.42 | 2.45 | 1.47 | 23.00 |
| October | (100) | 8.20 | 2.16 | 2.04 | 2.76 | 2.87 | 2.77 | 2.74 | 1.504 | 3.34 | 42.92 |
| November | (450) | 1.22 | 2.23 | 2.31 | 5.76 | 4.40 | 1.38 | 2.14 | 5.29 | 5.53 | 34.76 |
| December | (70) | .53 | .63 | 5.89 | 3.37 | 1.38 | 7.13 | 3.65 | 1.09 | 1.94 | 26.31 |
| TOTALS | 56.60 | No. | 28.91 | 24.49 | 25.29 | 32.64 | 31.28 | 39.56 | 27.27 | 42.18 | 27.09 |
| | | | D | D | D | D | D | D | D | D | 30531 |

1923. March adjusted by near stations

*1927. Name of station changed to Alkham (Lower Standen) for G.R. 1926. (see correspondence).

estimated total of 264.

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

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

Station No. 266

41

RAINFALL at Alblham (Lower Standen)

County of Kent

Observer Folkestone W.W.C.

River Basin Rother &c -1

Type of Gauge Standard

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

File No. 675926/26

| Diameter | 5" | | | 304 | 819 | * | | | | | |
|-----------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------|
| Height | 2' 11" | | t 1.0 | | 1 | 1.0 | | | | | |
| Altitude | 250' | | | | 41 | 248 | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | 3.24 | 2.18 | 4.40 | 1.41 | 2.66 | 2.20 | 2.75 | 4.26 | 1.44 | 1.79 | Totals 26.33 |
| February | 1.58 | 1.44 | .97 | 1.64 | 2.00 | 4.19 | 1.99 | 1.43 | 1.26 | 4.45 | 20.95 |
| March | 1.91 | 2.38 | .42 | .16 | 1.07 | 3.41 | 6.35 | .80 | .99 | 1.21 | 18.70 |
| April | .90 | .52 | 1.04 | 2.74 | 1.78 | 1.63 | 2.03 | 1.62 | 2.10 | 2.93 | 17.27 |
| May | 1.39 | 2.60 | 1.33 | 1.50 | 2.49 | 3.79 | 1.11 | 1.80 | 2.33 | 1.45 | 19.79 |
| June | .75 | .20 | 1.42 | 1.39 | 1.19 | 2.77 | 3.01 | 1.64 | .61 | .97 | 13.95 |
| July | 4.60 | 3.30 | 2.18 | 2.61 | 2.12 | 3.78 | 2.31 | 2.81 | .88 | 3.26 | 27.85 |
| August | 4.91 | 2.26 | 1.98 | 1.68 | 3.52 | 6.05 | .00 | 4.13 | 1.00 | 2.82 | 28.35 |
| September | .24 | 3.73 | 2.09 | 3.89 | 1.49 | 2.76 | 1.47 | 2.46 | 4.73 | 3.23 | 26.09 |
| October | 1.82 | 3.45 | 1.88 | 6.08 | 1.86 | 1.47 | 1.44 | 1.39 | 7.99 | 1.38 | 27.76 |
| November | 3.33 | 2.83 | 2.82 | 6.14 | 1.70 | 5.26 | 2.33 | 2.54 | 4.36 | 8.35 | 37.66 |
| December | 1.06 | 3.19 | 2.11 | 2.19 | 4.38 | 3.26 | 3.54 | 2.37 | 2.43 | 3.30 | 27.23 |
| TOTALS | 25.73 | 28.08 | 22.64 | 31.43 | 26.26 | 40.57 | 27.33 | 27.25 | 30.12 | 35.14 | 294.55 294.55 |

1942 No objects near to gauge. * In July 1944 gauge placed in pine open ground at 1 ft

* Encl. 58A of File 675926/26, dated 11-11-49

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 | Parish Church. | Distance from gauge |
|-------|---------|-------|--------------------|---------------------|-----------|----------------|---------------------|
| 1941 | | | Folkestone Central | 4 miles | SSW | Hawkinge | 1 mile WSW |

VALLEY 1952

Station No. 266

RAINFALL at ALKHAM (LOWER STANDEN)

County of KENT

and District

River Basin ROTHER &c/

Observer FOLKESTONE / HAWKINGE CO.

Type of Gauge SNOWDON

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

" 32.82 " " 11 " - 1944-54

(1916-50)

File No. 675926/26

51

| Diameter | 5" | | | | 304 | 819 | | | | | |
|-----------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height | 1' 0" | | | | | | 1 | | | | |
| Altitude | 248' | | 280' | | | 51 | | | | | |
| Year | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January | 3.77 | 3.10 | 1.34 | 2.18 | 4.94 | 4.87 | 1.78 | 3.37 | 2.32 | 3.35 | 31.02 |
| February | 5.94 | 2.55 | 2.63 | 3.10 | 2.25 | 2.67 | 3.90 | 3.39 | .05 | 1.44 | 27.92 |
| March | 3.85 | 4.31 | .27 | 3.52 | 2.89 | .51 | 1.06 | 1.93 | 1.52 | 0.91 | 20.17 |
| April | 2.03 | 1.25 | 1.92 | 0.41 | .21 | .74 | .58 | 1.42 | 2.07 | 0.90 | 11.33 |
| May | 2.40 | 1.20 | 1.91 | 2.04 | 4.60 | .50 | 1.41 | 1.72 | 1.01 | 1.03 | 17.67 |
| June | 1.62 | 1.03 | 2.46 | 2.16 | 1.74 | 2.54 | .29 | 3.54 | .92 | 1.14 | 17.44 |
| July | 1.32 | 1.19 | 3.46 | 5.01 | .59 | 2.64 | 4.48 | 2.57 | 1.63 | 3.11 | 26.00 |
| August | 4.78 | 4.02 | 2.89 | 4.20 | 2.30 | 3.18 | 2.69 | 3.84 | 1.18 | 3.60 | 32.68 |
| September | 6.27 | 6.02 | 4.23 | 2.01 | .95 | 2.14 | 4.19 | 2.60 | .11 | 2.70 | 31.22 |
| October | 3.15 | 3.42 | 3.46 | 2.26 | 5.32 | 2.05 | 1.14 | 4.59 | 3.29 | 7.63 | 36.31 |
| November | 5.67 | 4.67 | 2.05 | 5.64 | 1.70 | .71 | 3.83 | 2.36 | 4.75 | 4.74 | 36.12 |
| December | 2.33 | 4.24 | 1.45 | 1.71 | 2.53 | 2.90 | 1.69 | 3.87 | 5.54 | 3.17 | 29.43 |
| TOTALS | 43.13 | 37.00 | 2467 | 34.24 | 29.42 | 25.45 | 27.04 | 35.20 | 24.39 | 33.72 | 31726 |
| | D | D | D | D | D | D | D | D | n.p. | n.p. | |

1955 No objects near gauge.

July 1957. 1.60". Slightly encroaching by trees SSW-SSE growing.

1959 n.p. low.

1960 n.p. low.

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference T.R.(61).2H.0404

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge |
|-------|---------|-------|--------------------|---------------------|-----------|----------------|---------------------|
| 1955 | | | Folkestone Central | 4m | SSW | Hawkinge | 1m |

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

| Record D, or d | | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|----------------|--|---------|---------|-----------|---------|---------|
| | | ✓ | ✓ | ✓ NR 1931 | ✓ | |