

RAINFALL AT *Sevenoaks Seal Oak Bank Res*

Lat.

Lon.

County of *W Kent**Cape Snowden* Rain Gauge, by *Hicks*Observer *J. W. Heath Esq. &c.**5 - Barent.*

| | | | | | | | | | | | |
|--------------|------|------|------|------|------|------|------|-------|-------|-------|--------|
| Diameter .. | | | | | | | | 8 | | | |
| Height | | | | | | | | 1 0 | | | |
| Altitude .. | | | | | | | | 550 | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January .. | | | | | | | | 1.18 | 1.90 | 1.08 | |
| February .. | | | | | | | | 1.65 | 1.78 | .77 | |
| March | | | | | | | | 1.11 | 3.05 | 4.28 | |
| April | | | | | | | | 2.95 | 3.20 | 1.91 | |
| May | | | | | | | | 2.35 | 2.05 | 1.75 | |
| June | | | | | | | | 2.36 | 1.47 | 3.20 | |
| July | | | | | | | | 1.16 | 3.72 | 3.88 | |
| August | | | | | | | | 2.35 | 3.90 | 2.52 | |
| September .. | | | | | | | | .60 | 1.44 | 4.06 | |
| October | | | | | | | | 4.98 | 2.38 | 6.42 | |
| November .. | | | | | | | | 2.28 | 1.16 | 1.39 | |
| December .. | | | | | | | | 3.06 | 3.00 | 4.50 | |
| TOTALS .. | | | | | | | | 26.03 | 29.05 | 35.76 | |

1907 St. Lawrence Seal Ch 67 chains SE
 2 Peters Seal Ch 75 " NW & W
 Kennisip Station 84 " NNE

Open to N4E 75 ft Nears 100 ft

Gauge in middle of a sunrise Res w/ & head 1st of month

RAINFALL at Sevenoaks Leal Oak Bank ResCounty of KentObserver Mr J.W. Heath affiliatedRiver Basin Thames. Darent 5Claisher (CS. 111.12)Rain Gauge, by Hicks

| | | | | | | | | | | | |
|--------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter ... | 8 | | | | | | | | | | |
| Height | 10 | | | | | | | | | | |
| Altitude ... | 550 ft | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. |
| January ... | 2.63 | 1.59 | 2.96 | 3.91 | .74 | 3.63 | 1.55 | 1.38 | 3.06 | 4.52 | |
| February ... | 4.29 | 1.87 | 2.38 | .88 | 4.23 | 4.81 | 4.68 | .78 | 1.22 | 2.39 | |
| March | 1.55 | 2.77 | 4.76 | 2.88 | 5.78 | .59 | 3.83 | 2.24 | .89 | 3.98 | |
| April | 1.78 | 2.37 | .11 | 3.22 | 1.29 | 1.61 | 1.71 | 2.35 | 3.49 | 3.08 | |
| May | 3.43 | 2.12 | 1.02 | 1.86 | 1.82 | 3.10 | 2.57 | 2.08 | 2.32 | .08 | |
| June | 2.66 | 2.19 | 2.94 | .64 | .88 | .67 | 3.24 | 2.97 | .83 | 1.11 | |
| July | 3.00 | .34 | 1.51 | 2.70 | 1.21 | 3.70 | 1.34 | 4.75 | 5.39 | 2.39 | |
| August | 2.15 | .51 | 5.43 | 1.92 | 2.13 | 1.93 | 2.58 | 5.51 | 1.55 | 2.65 | |
| September .. | 1.09 | 1.60 | 3.72 | 1.66 | 1.11 | 2.86 | 1.54 | 2.19 | 5.18 | 1.50 | |
| October ... | 2.70 | 4.42 | 3.75 | 5.00 | 2.11 | 2.65 | 4.29 | 5.45 | 2.10 | .69 | |
| November .. | 4.16 | 7.11 | 2.46 | 3.57 | 4.26 | 3.56 | 5.57 | 1.67 | 2.25 | 2.69 | |
| December ... | 4.52 | 6.85 | 3.42 | 1.17 | 7.95 | 6.81 | 3.25 | 2.36 | 2.70 | 4.50 | |
| TOTALS ... | 33.96 | 33.24 | 34.46 | 29.35 | 33.51 | 35.92 | 35.75 | 33.73 | 36.98 | 29.58 | |

1910 Open N to E
 Woods down on other side to top of hill 100 ft

+ Inspected { Copper Claisher, excellent condition, on large covered reservoir, surrounded by short
 hedges. Right bank sloping down 20-30 yds. away. Ten trees 50-150 yds. distant all round.
 CS 111.12 } Inner can absolutely small. advised bottle.

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|---|-----------------|----------------|
| 9/10 | | | Kemsing SE TOR | 84 Chms | NNE | St Lawrence ^{Leal} _{Oak} St Peter's Seal | 67 Chms 75 " | SE NW 1/2 E |

RAINFALL at Seal Oak Bank ReservoirCounty of HertObserver A. Grainger EsqRiver Basin Thames - Darent 5F. Naeem (Supt)Glaisher Rain Gauge, by Hicks(Severn-Weir)

| | | | | | | | | | | | |
|--------------|-------|------|------|------|------|------|------|------|------|-------|---------------|
| Diameter ... | 9 | | | | | | | | | | |
| Height | 1 0 | | | | | | | | | | |
| Altitude ... | 550 | | | | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 MEANS |
| January ... | 3.64 | 3.00 | | | | | | | | 1.42 | 3.22 |
| February ... | .64 | 1.20 | | | | | | | | .51 | 1.54 |
| March | 2.33 | 1.73 | | | | | | | | .02 | 1.70 |
| April | 3.88 | 1.57 | | | | | | | | .98 | 1.63 |
| May | .82 | | | | | | | | | 1.82 | 2.62 |
| June | 1.20 | | | | | | | | | .84 | .60 |
| July | 4.53 | | | | | | | | | 1.51 | 2.50 |
| August | 1.83 | | | | | | | | | 2.60 | 3.23 |
| September... | 4.04 | | | | | | | | | .20 | 4.32 |
| October..... | 1.11 | | | | | | | | | 3.48 | 1.64 |
| November... | 1.32 | | | | | | | | | 8.10 | 5.43 |
| December... | 2.70 | | | | | | | | | 6.60 | 2.49 |
| TOTALS... | 28.04 | | | | | | | | | 28.08 | 30.88 |
| | | | | | | | | | | M | M |

1921. May. Gauge stolen - no record.

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 |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1920 | | | Henning | 84 chains | NNE | St. Lawrence | 67 chains | SE. |

RAINFALL at Seal (Oak Bank Res.)

County of Kent Observer F. Vallis, Esq.

River Basin Thames - Darent etc. 5 E. H. Evans, Esq.

Type of Gauge.....

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

859492/28.

| | | | | | | | | | | | |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| Diameter | 8 | | | | | | | | | | |
| Height | 1 0 | | | 1.6' | | | | 1 3 | | | |
| Altitude | 550 | | | 545 | | 548' | | | | 545' | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means |
| January | 2.15 | 2.54 | 1.76 | 2.86 | 2.05 | 5.47 | 5.26 | 3.29 | 5.17 | (1.94) | 32.49 |
| February | 2.26 | .72 | 1.80 | .28 | 4.03 | 1.98 | 5.22 | 1.00 | 1.57 | .94 | 19.80 |
| March | 2.26 | 1.65 | 3.46 | 3.00 | .38 | 1.22 | 4.48 | .49 | 1.36 | 2.17 | 20.47 |
| April | 4.76 | 2.54 | .67 | 3.00 | 2.19 | 2.26 | 2.69 | .31 | 2.05 | .96 | 21.43 |
| May | 2.90 | 3.10 | 1.90 | .72 | 1.78 | .28 | 3.02 | 3.22 | 2.31 | 1.59 | 20.82 |
| June | 1.25 | .80 | 1.65 | 1.97 | 2.38 | 2.89 | 2.70 | .71 | 1.34 | .36 | 16.05 |
| July | 3.26 | 2.33 | 3.90 | 1.66 | .81 | 3.70 | 2.09 | 1.36 | 2.26 | 3.77 | 25.14 |
| August | 4.32 | .40 | .75 | 2.17 | 2.34 | .85 | 1.78 | 1.68 | 1.90 | .12 | 16.31 |
| September | 2.63 | 1.72 | 3.43 | 1.80 | 5.55 | 2.31 | 2.81 | 2.42 | 1.53 | 1.23 | 25.43 |
| October | .73 | 6.81 | 2.18 | 2.22 | 4.19 | 2.23 | 2.19 | 4.31 | 7.27 | 3.11 | 35.29 |
| November | 4.20 | 1.27 | 1.25 | 3.55 | 6.93 | 4.98 | 2.01 | 2.85 | 5.47 | 7.27 | 39.78 |
| December | .58 | .65 | .75 | 6.34 | 4.69 | 2.82 | 5.44 | 3.22 | 1.75 | 1.70 | 27.94 |
| TOTALS | 31.30 | 24.53 | 23.50 | 29.57 | 37.32 | 30.99 | 39.69 | 24.86 | 33.98 | 25.16 | 300.90 |
| | | | | | W | W | W | W | W | | |

1936 Trees 25' high, 110' surrounding.
1939 " 20' " 100' N.W.
1940 Jan. setd.

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 | Direction from gauge |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 37 | | | Kemsing | 1m | NNE | St Lawrence | 7m | SE |

RAINFALL at Seal (Oak Bank Res.)

41

County of KentObserver E. H. Evans, Esq.River Basin Thames Parent P.C. 5.

Type of Gauge.....

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

Ref.....

File No. 889498/28

| | | | | | | | | | | | | |
|-----------|-------------|-------|-------|-------|-------|-------|-------|------------|------------|------------|--------|--|
| Diameter | 8" | | | | 290 | 355 | | | | | | |
| Height | 1' 3" | | | | | 1 | | | | | | |
| Altitude | 550' | | | | | 41 | | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means | |
| January | 2.77 | 2.21 | 4.06 | 1.82 | 2.16 | 1.90 | 2.89 | 4.15 | 1.11 | 1.20 | 2.427 | |
| February | 2.18 | .74 | 2.66 | 1.32 | 2.00 | 3.32 | 2.14 | 2.55 | 1.38 | 5.15 | 2.344 | |
| March | 2.85 | 2.64 | .45 | .09 | 1.35 | 1.47 | 5.84 | .89 | .86 | 1.21 | 1.765 | |
| April | 2.00 | 1.48 | 1.35 | 1.74 | 1.52 | 2.94 | 1.69 | 1.61 | 1.67 | 2.98 | 1.898 | |
| May | 2.27 | 3.49 | 3.44 | .62 | 4.44 | 3.19 | 1.92 | 1.93 | 1.75 | 1.30 | 2.435 | |
| June | 2.06 | .21 | 1.69 | 1.14 | 1.30 | 2.24 | 1.96 | 3.73 | 1.29 | 1.88 | 1.750 | |
| July | 2.27 | 2.25 | 1.94 | 1.53 | 4.14 | 2.06 | 1.53 | 1.64 | .59 | 2.50 | 2.045 | |
| August | 4.78 | 2.62 | 1.68 | 2.89 | 2.32 | 5.36 | .29 | 4.65 | 1.54 | 2.28 | 2.841 | |
| September | .64 | 2.48 | 2.11 | 3.36 | 1.29 | 3.97 | 1.61 | 1.92 | 1.29 | 2.66 | 2.133 | |
| October | 1.39 | 2.89 | 2.88 | 5.19 | 3.48 | 1.14 | .43 | 2.05 | 6.88 | .32 | 2.665 | |
| November | 3.46 | 2.31 | 1.37 | 4.48 | .52 | 5.05 | 1.17 | 1.81 | 2.97 | 6.32 | 2.946 | |
| December | 2.50 | 2.98 | 2.27 | 2.10 | 4.25 | 2.69 | 3.18 | 4.57 | 1.88 | 2.23 | 2.865 | |
| TOTALS | 29.17 W. | 26.30 | 25.90 | 26.28 | 28.71 | 35.33 | 24.65 | 31.50 W | 23.21 W | 30.03 W | 28.114 | |

1941. Trees 20' high 100' NW.

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 | | | Hemling | 1 1/2 miles | N | St. Lawrence | 1 mile | E |

Station No. 382

T.F. 35
51

RAINFALL at SEAL (GOK BANK RES.)

County of KENT

Observer F. H. EVANS, Esq.

River Basin THAMES - DARENT & C. 5

Type of Gauge

Annual Average 29.2 in. based on 14 years obs. un-weighted.

Period of average 1881-1915

Ref. AWS

" " 30.27 " " 32 " latter 1916-56

1916-50

File No. 889492/28

| Diameter ... | 8" | | | | 20 | 355 | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height ... | 1' 3" | | | | | 1 | | | | | |
| Altitude ... | 550' | | 546' | 548' | | 51 | | | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January ... | 3.14 | 2.67 | 1.19 | 1.87 | 3.78 | 4.65 | 2.17 | 3.13 | 2.61 | 3.39 | 2865 |
| February ... | 5.52 | .92 | 1.67 | 2.28 | 2.38 | .75 | 4.36 | 2.56 | .14 | 2.33 | 2291 |
| March ... | 3.97 | 3.19 | .34 | 2.90 | 1.64 | .97 | 1.49 | 1.76 | 1.85 | 1.50 | 1961 |
| April ... | 3.04 | 1.71 | 3.06 | .33 | .22 | 1.52 | .23 | 1.68 | 2.68 | 0.82 | 1529 |
| May ... | 2.13 | 1.04 | 1.77 | 2.12 | 4.47 | .60 | 1.84 | 2.03 | 1.30 | 2.10 | 1940 |
| June ... | 1.63 | 1.36 | 1.99 | 3.31 | 1.84 | 3.09 | 1.55 | 4.11 | 1.18 | 1.80 | 2186 |
| July ... | 2.83 | .70 | 4.06 | 3.13 | .63 | 3.80 | 4.26 | 2.18 | 1.88 | 3.01 | 2648 |
| August ... | 5.72 | +06 | 1.76 | 3.63 | .99 | 3.39 | 2.83 | 3.58 | 1.10 | 4.61 | 3167 |
| September ... | 3.68 | 3.37 | 4.06 | 2.31 | 2.79 | 3.08 | 3.40 | 5.50 | -20 | 3.18 | 3157 |
| October ... | 1.37 | 3.22 | 3.42 | 2.69 | 4.62 | 1.63 | 1.90 | 3.34 | 3.23 | 7.43 | 3285 |
| November ... | 5.20 | +4.6 | 1.55 | 4.92 | 1.27 | 1.13 | 4.01 | 1.71 | 3.54 | 6.05 | 3434 |
| December ... | 2.69 | 2.56 | 1.05 | 1.97 | 2.63 | 4.13 | 2.38 | 3.18 | 5.46 | 3.97 | 3002 |
| TOTALS ... | 40.92 | 29.76 | 25.92 | 31.46 | 27.26 | 28.74 | 30.42 | 34.81 | 25.17 | 40.19 | 31465 |
| | W | W | W | W | W | W | W | W | W | W | |

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference TQ(51) 564561

| Date. | Lat. N. | Long. | Railway Station. | Distance Direction from gauge | Parish Church. | Distance Direction from gauge. |
|-------|---------|-------|------------------|-------------------------------|----------------|--------------------------------|
| | | | | | | |

Summary of Earlier Records from 10-year Sheets :

| Record D, or d | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|----------------|---------|------------------------|---------|---------|---------|
| | ✓ | NP 1000 21 NR 22-28 | ✓ | ✓ | |