

RAINFALL AT Seaham Harbour

70

Lat.

Lon.

County of

Durham

Rain Gauge, by

Observer

G. W. H. Aird

| | | | | | | | | | | | |
|--------------------|------|------|------|------|------|-------|-------|-------|-------|-------|--------|
| Diameter. | | | | | | 8 | | | | | |
| Height. | | | | | | 1.9 | | | | | |
| Altitude. | | | | | | 60 | | | | | |
| Year | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January. | | | | | | 2.54 | .72 | 3.06 | 1.83 | 1.34 | |
| February. | | | | | | 1.16 | 2.14 | 1.82 | 1.02 | 3.10 | |
| March. | | | | | | .59 | 2.29 | 2.82 | 1.16 | .78 | |
| April. | | | | | | .77 | 2.86 | 4.46 | 2.42 | 2.07 | |
| May. | | | | | | .92 | 1.00 | 2.59 | 2.80 | 1.69 | |
| June. | | | | | | 2.42 | 1.89 | 1.42 | 1.86 | 4.13 | |
| July. | | | | | | 4.02 | 2.72 | 3.01 | .42 | 3.74 | |
| August. | | | | | | 3.26 | 2.12 | 5.36 | 4.57 | 2.72 | |
| September. | | | | | | 1.61 | 3.42 | 1.97 | 1.88 | 1.04 | |
| October. | | | | | | 3.56 | 1.79 | 2.40 | 1.68 | .83 | |
| November. | | | | | | 6.67 | 2.88 | 1.51 | 5.75 | 3.44 | |
| December. | | | | | | 1.64 | 6.25 | 1.67 | 4.24 | .69 | |
| TOTALS. | | | | | | 29.16 | 30.08 | 32.09 | 29.63 | 25.57 | |

RAINFALL AT Seaham

80

Lat.

Lon.

County of Durham

Rain Gauge, by

Observer The Meteorological Committee

Site 1.

G. W. A. Bird, Esq

| | | | | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|-------|------|------|------|------|--------|--|
| Diameter | 8 | | | | | | | | | | | |
| Height | 1. 9 | | | | | | | | | | | |
| Altitude | 60 | | | | | | | | | | | |
| Year | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | 1888 | 1889 | MEANS, | |
| January | 55 | 1.08 | 68 | 1.47 | 3.21 | 1.50 | 3.47 | | | | | |
| February | 1.74 | 3.53 | 63 | 1.95 | 1.26 | 1.10 | .92 | | | | | |
| March | 1.63 | 3.22 | 99 | 1.94 | 2.67 | 2.01 | 2.56 | | | | | |
| April | 2.03 | 1.23 | 4.42 | 1.33 | 1.85 | 2.07 | 1.99 | | | | | |
| May | 1.40 | 1.56 | 3.22 | 1.85 | 1.02 | 3.43 | 2.64 | | | | | |
| June | 1.09 | 1.69 | 2.71 | 2.89 | .65 | 2.06 | | | | | | |
| July | 3.75 | 4.14 | 2.99 | 4.21 | 3.02 | 1.46 | | | | | | |
| August | 1.98 | 5.13 | 2.60 | 2.08 | .79 | 3.39 | | | | | | |
| September | 3.59 | 3.90 | 1.25 | 4.60 | 1.27 | 2.21 | | | | | | |
| October | 4.49 | 3.08 | 3.73 | 2.19 | 1.95 | 4.05 | | | | | | |
| November | 1.95 | 1.16 | 3.06 | 1.12 | 1.74 | 1.99 | | | | | | |
| December | 3.60 | 1.67 | 4.21 | 2.33 | 1.36 | .89 | | | | | | |
| TOTALS | 27.80 | 31.39 | 30.49 | 27.96 | 20.79 | 26.16 | | | | | | |

St Johns Church 600 yards S.S.W.

1886 June 1 G. moved 800 or 900 yards to SE corner of Cemetery. A most desirable change

RAINFALL AT *Seaham Cemetery*

80

Lat.

Lon.

County of *Durham*

Rain Gauge, by

Observer *R. Leith*

Yes 1 Rivet

| | | | | | | | | | | | |
|----------------|------|------|------|------|------|------|-------|-------|-------|-------|--------|
| Diameter | | | | | | | 8 | | | | |
| Height | | | | | | | 1.9 | 1.6 | | | |
| Altitude | | | | | | | 150 | | | | |
| Year | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | 1888 | 1889 | MEANS. |
| January | | | | | | | | 1.77 | .96 | 1.38 | |
| February | | | | | | | | .64 | 1.02 | 1.37 | |
| March | | | | | | | | 1.86 | 4.93 | 2.77 | |
| April | | | | | | | | .78 | 1.84 | 2.26 | |
| May | | | | | | | | 1.70 | .63 | 2.58 | |
| June | | | | | | | # .65 | .37 | 2.20 | .37 | |
| July | | | | | | | 4.97 | 1.26 | 6.95 | 3.61 | |
| August | | | | | | | 1.39 | 1.94 | 2.32 | 3.31 | |
| September | | | | | | | 1.49 | 5.45 | 1.53 | 1.24 | |
| October | | | | | | | 3.06 | 3.36 | .69 | 3.48 | |
| November | | | | | | | 2.56 | 2.70 | 3.94 | .98 | |
| December | | | | | | | 3.90 | 3.30 | .95 | 1.47 | |
| TOTALS | | | | | | | | 25.13 | 27.96 | 24.82 | |

St John's Church 500 yards NNE
House 25 ft high 50 ft N

RAINFALL AT

Seaham Cemetery

Lat. _____

Lon. _____

County of _____

Durham

Rain Gauge, by _____

Observer _____

Mr R. E. L. E. L.

Mr G. H. Aird

Series 1

| | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Diameter | 8 | | | | | | | 8 | | | | |
| Height | 17 | | | | | | | 16 | | | | |
| Altitude | 150 | | | | | | | 141 | | | | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. | |
| January | 1.83 | 1.50 | 1.57 | 1.32 | 1.50 | 4.01 | .98 | 1.84 | 1.10 | 2.81 | 1.846 | |
| February | 1.42 | .14 | 1.68 | 1.99 | 2.67 | 1.07 | .58 | 1.72 | 1.00 | 1.21 | 1.848 | |
| March | 1.77 | 2.49 | .93 | .64 | 1.00 | 2.14 | 2.09 | 2.61 | 1.34 | 1.99 | 1.700 | |
| April | .76 | 1.69 | 1.16 | .59 | 1.12 | 1.57 | .64 | 1.38 | 2.36 | 2.19 | 1.346 | |
| May | 2.55 | 1.95 | 1.71 | 1.47 | 2.51 | .89 | .99 | 1.09 | 2.12 | 3.96 | 1.924 | |
| June | 3.06 | .31 | 3.03 | 1.15 | 3.51 | 1.69 | 2.64 | 2.89 | 2.51 | 1.82 | 2.261 | |
| July | 1.96 | 4.81 | 1.64 | 3.13 | 2.55 | 5.90 | 2.33 | 1.35 | .47 | 2.45 | 2.657 | |
| August | 6.64 | 3.69 | 3.60 | 2.05 | 2.51 | 3.23 | 1.79 | 2.66 | 1.95 | .88 | 2.900 | |
| September.... | 1.91 | 1.91 | 2.67 | 1.52 | .94 | .61 | 2.86 | 2.49 | .55 | 2.68 | 1.814 | |
| October | 2.44 | 2.06 | 5.53 | .80 | 4.27 | 4.53 | 6.54 | 1.36 | 3.71 | 2.77 | 3.401 | |
| November.... | 3.69 | 1.56 | 1.34 | 2.93 | .61 | 2.35 | 1.33 | 2.23 | 2.93 | 1.56 | 2.052 | |
| December | 1.54 | 2.81 | 1.23 | 1.62 | 1.88 | 2.08 | 3.81 | 1.38 | 1.25 | 3.02 | 2.062 | |
| TOTALS . . . | 29.57 | 24.92 | 26.09 | 19.21 | 25.07 | 30.07 | 26.58 | 23.00 | 21.29 | 27.34 | 25.314 | |

1891 Gauge moved 1st January 7 yards E

1892 St. Johns Church 500 yards N.N.E.

House 25 to 30 ft high 90 ft N.N.W.

1897 Gauge moved 1/2 mile N. Nov 9th E.
 Yard of the Laundry Store

RAINFALL AT Seaham Harbour

Lat. 50° 51' N
54 50

Lon. 1° 19' W

County of Durham

Rain Gauge, by

Observer M. E. H. and

See 4c-1.

| | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter .. | 8 | | | | | | | | | | |
| Height | 16 | | | | | | | | | | |
| Altitude .. | 141 | | | | | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January .. | 2.95 | 1.54 | .86 | 2.21 | 2.01 | .24 | 2.41 | .42 | 1.09 | .77 | 1.450 |
| February .. | 4.46 | 1.93 | 1.30 | .76 | 2.14 | .68 | 1.29 | 1.05 | 1.14 | 1.34 | 1.609 |
| March | 1.79 | 1.76 | .48 | 1.29 | 1.15 | 1.28 | 1.02 | .90 | 2.65 | 3.92 | 1.624 |
| April | .72 | 1.06 | 1.57 | 1.47 | 1.00 | 2.63 | 1.14 | 1.90 | 2.44 | 2.49 | 1.642 |
| May | 1.25 | 2.13 | 2.17 | 2.49 | 2.85 | .64 | 4.97 | 4.12 | 1.27 | 1.59 | 2.348 |
| June | 3.30 | 1.36 | 2.19 | 2.53 | 1.33 | .73 | .92 | 2.73 | .50 | 1.87 | 1.746 |
| July | 2.02 | 1.72 | 2.31 | 4.42 | 1.45 | 1.26 | .87 | 1.32 | 2.75 | 2.70 | 2.082 |
| August | 4.87 | 1.71 | 1.48 | 2.46 | 3.39 | 2.63 | 2.22 | 1.67 | 1.34 | 3.11 | 2.488 |
| September .. | .56 | 1.26 | .81 | 2.61 | .82 | 2.12 | .42 | .36 | 1.64 | 1.94 | 1.254 |
| October | 7.10 | 2.01 | 1.93 | 7.79 | .53 | 2.45 | 4.56 | 3.28 | .94 | 2.01 | 3.260 |
| November .. | 2.66 | 5.00 | 1.25 | 2.40 | 2.52 | 4.67 | 3.05 | 1.37 | 1.67 | 1.11 | 2.570 |
| December .. | 2.16 | 3.43 | 2.61 | 1.96 | 2.05 | .41 | 2.42 | 3.06 | 1.06 | 3.58 | 2.274 |
| TOTALS .. | 33.84 | 24.91 | 18.96 | 32.39 | 21.24 | 19.74 | 25.29 | 22.18 | 18.49 | 26.43 | 24.34 |

Seaham Harbour Station

Hub

RAINFALL at

Seaburn Harbour

County of

Durham

Observer

Mr G. H. Aird

River Basin

Tees + C

1

Rain Gauge, by

| | | | | | | | | | | | | |
|--------------|-------|-------|------|------|------|------|------|------|------|------|--------|--|
| Diameter ... | 8 | | | | | | | | | | | |
| Height | 1 0 | | | | | | | | | | | |
| Altitude ... | 141 | | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. | |
| January ... | 2.37 | 1.55 | | | | | | | | | | |
| February ... | 2.20 | 1.16 | | | | | | | | | | |
| March | .49 | 2.02 | | | | | | | | | | |
| April | 2.22 | 1.29 | | | | | | | | | | |
| May | 2.13 | .95 | | | | | | | | | | |
| June | 1.83 | 3.84 | | | | | | | | | | |
| July | 2.20 | .90 | | | | | | | | | | |
| August | 2.96 | 2.27 | | | | | | | | | | |
| September .. | .60 | 2.04 | | | | | | | | | | |
| October ... | 2.41 | 2.39 | | | | | | | | | | |
| November ... | 2.54 | 4.17 | | | | | | | | | | |
| December ... | 1.99 | 3.19 | | | | | | | | | | |
| TOTALS ... | 23.94 | 25.77 | | | | | | | | | | |

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|---------|-----------|------------|
| 1911 | | | N.E.R. | 600 yds | N. | | | |