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RAINFALL AT Southchurch & Southend

Essex

Observer C. Parson

Y469

Rain { By
 Gauge { Diameter.....in. Height above Ground.....ft.....in. Above Mean Sea Levelft.

Couch - 3.

| YEAR..... | | | | | 1835 | 1836 | 1837 | 1838 | 1839 | MEANS. |
|----------------|--|--|--|--|-------|-------|-------|-------|-------|--------|
| January..... | | | | | .85 | 1.44 | 1.83 | .95 | 1.16 | |
| February..... | | | | | 2.20 | 1.98 | 1.87 | 1.13 | 2.30 | |
| March..... | | | | | 2.21 | 2.88 | .98 | 1.36 | 1.92 | |
| April..... | | | | | 1.33 | 2.25 | 1.29 | .82 | 1.56 | |
| May..... | | | | | 2.79 | 1.91 | 1.44 | 1.19 | .68 | |
| June..... | | | | | 2.78 | 1.90 | 2.05 | 3.06 | 2.16 | |
| July..... | | | | | .33 | 1.78 | 1.25 | 1.34 | 2.41 | |
| August..... | | | | | 1.15 | 2.44 | 5.40 | 1.18 | 1.52 | |
| September..... | | | | | 2.88 | 5.06 | 1.63 | 1.97 | 2.79 | |
| October..... | | | | | 3.05 | 3.96 | 2.67 | 2.08 | 1.52 | |
| November..... | | | | | 1.09 | 2.59 | 2.01 | 4.01 | 3.01 | |
| December..... | | | | | .36 | 1.72 | 1.37 | 1.48 | 2.86 | |
| TOTALS..... | | | | | 21.02 | 29.91 | 23.79 | 20.57 | 23.89 | |

Supplied by Rev. J. A. Preston; from daily values
 1836 a very wet Autumn this year

RAINFALL AT *South church w. Southend**Essex*Observer *C Parson*

Rain { By.....

Gauge {
Diameter.....in. Height above Ground,ft.....in. Above Mean Sea Level.....ft.*Couch - 3*

| YEAR..... | 1840 | 1841 | 1842 | 1843 | 1844 | 1845 | 1846 | 1847 | 1848 | 1849 | MEANS. |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| January..... | | 3.00 | 1.46 | 1.48 | 2.35 | 1.60 | 2.51 | 1.54 | 1.55 | 1.80 | |
| February..... | | 1.16 | 1.00 | 3.14 | 2.34 | 1.21 | 1.02 | 1.56 | 3.00 | 2.43 | |
| March..... | | 1.12 | 1.97 | .54 | 2.67 | 2.02 | .79 | .97 | 2.90 | .60 | |
| April..... | | 1.42 | .47 | 1.65 | .53 | 1.50 | 3.31 | .91 | 4.42 | 2.45 | |
| May..... | | 2.08 | 1.85 | 3.32 | .36 | 3.25 | 1.68 | 1.59 | .94 | 3.01 | |
| June..... | | 2.89 | 1.44 | 1.69 | 2.45 | 1.48 | 1.01 | 1.49 | 2.92 | .70 | |
| July..... | | 3.03 | 2.72 | 2.13 | 2.73 | 1.81 | .94 | .28 | 1.30 | 1.92 | |
| August..... | | 2.84 | 1.44 | 5.02 | 2.49 | 2.53 | 1.86 | 2.53 | 4.74 | .77 | |
| September..... | | 3.67 | 3.62 | .35 | 1.34 | 1.48 | 2.25 | 1.79 | 3.08 | 5.89 | |
| October..... | | 6.72 | 1.84 | 4.13 | 4.83 | 1.26 | 3.79 | 2.15 | 4.14 | 4.28 | |
| November..... | | 3.17 | 4.23 | 2.14 | 3.72 | 1.99 | 1.43 | 2.02 | 1.20 | 1.98 | |
| December..... | | 2.27 | .79 | .67 | 1.06 | 2.34 | 1.98 | 1.73 | 2.33 | 3.20 | |
| TOTALS | 17.92 | 33.37 | 22.83 | 26.26 | 26.87 | 23.47 | 22.57 | 18.56 | 32.52 | 29.03 | 25.340 |

From daily values supplied by *Rev. J. A. Preston*1841 October An extraordinary wet month - never remember such a time before. the 18th highest tide since 2nd Feb'y 17911843 August Remarkable for two heavy falls of Rain one on the 10th & one on 24th my bottle ran over in the morning I measured 2½ inches how much I lost I could not tell. ^{It all} that fell in about 10 hours1844 From Lady Day to Midsummer Day only 1 inch & eight parts of Rain wonderful dry quarter of a year ^{Memory of man}1845 December The highest tide on Thursday 11th at 27 minutes past 10 at night in the

1846 August This year was remarkable for a very hot dry summer & found dry harvest

1848 April Remarkable heat at home in London first four days after hot on 7th began to Rain & continued all the month never remember anything like it May ^{an extreme} ~~uncommon~~ hot month

RAINFALL AT Southchurch n. Southend

Essex

Observer C. Parsons

Rain By

Gauge Diameter

Diameter.....in.

Height above Ground,ft.in.

Above Mean Sea Levelft.

Couch - 3.

| YEAR..... | 1850 | 1851 | 1852 | 1853 | 1854 | 1855 | 1856 | 1857 | 1858 | 1859 | MEANS. |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| January..... | 1.58 | 2.22 | 2.70 | 2.12 | 2.43 | 1.55 | 2.12 | 3.33 | .74 | .98 | 1.977 |
| February..... | .67 | .90 | 1.22 | 1.96 | 1.40 | 1.18 | 1.06 | .15 | 1.66 | .79 | 1.099 |
| March..... | .32 | 4.01 | .25 | 1.23 | .22 | 1.20 | .67 | 1.17 | 1.24 | 1.47 | 1.178 |
| April..... | 1.64 | 2.35 | .53 | 3.33 | .24 | .16 | 1.59 | 1.70 | 1.45 | 2.46 | 1.545 |
| May..... | 3.18 | 1.03 | 2.67 | 1.70 | 3.32 | 2.32 | 3.03 | 1.43 | 2.94 | 1.50 | 2.312 |
| June..... | .24 | .87 | 5.03 | 1.87 | 1.45 | 1.47 | 1.13 | 1.92 | .65 | 1.73 | 1.636 |
| July..... | 2.20 | 2.64 | .34 | 5.20 | 1.04 | 4.33 | 2.79 | 2.85 | 3.59 | 4.00 | 2.898 |
| August..... | 1.72 | 1.65 | 3.25 | 3.08 | 2.34 | 1.18 | 2.30 | 2.70 | 3.20 | 1.73 | 2.315 |
| September..... | 1.07 | .55 | 3.07 | 3.73 | 1.01 | .73 | 2.94 | 5.25 | .46 | 2.86 | 2.167 |
| October..... | 1.43 | 3.02 | 4.63 | 4.16 | 3.30 | 4.98 | 2.35 | 3.32 | 1.52 | 4.45 | 3.316 |
| November..... | 2.06 | 1.22 | 4.37 | 1.54 | 2.03 | 1.65 | 1.30 | 1.41 | .65 | 2.43 | 1.868 |
| December..... | 1.42 | .74 | 1.89 | .86 | 1.04 | 1.30 | 1.42 | .37 | 1.92 | 3.28 | 1.424 |
| TOTALS | 17.53 | 21.20 | 29.95 | 30.78 | 19.82 | 22.06 | 22.70 | 25.60 | 20.03 | 27.68 | 23.735 |

From daily values supplied by Rev. T.A. Preston

1850 The driest year since 1834

1851 July 17 Remarkable hail storm in New England - some of the stones laid until the 20th. Year remarkable for a wet March and a particular cold Nov^r the coldest for more than 50 years

1855 Jan^y a great deal of snow fell but the amount of "Rain" appears very small T.A.P.

Feb^y a great deal of snow I think the largest drifts seen since

1857 Feb^y The driest month since April 1840

RAINFALL AT Southchurch nr. Southend Essex

Observer C. Sanson

Rain { By

Gauge { Diameter.....in. Height above Ground,ft.....in. Above Mean Sea Levelft.

Couch 3.

| YEAR..... | 1860 | 1861 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | MEANS. |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|--------|
| January..... | 2.22 | .80 | 1.54 | 2.34 | .87 | 4.16 | 3.87 | 2.35 | 3.65 | 2.54 | |
| February..... | 1.63 | 1.50 | .80 | 1.05 | 1.40 | 2.05 | 4.20 | 1.30 | .70 | 3.60 | |
| March..... | 2.05 | 2.30 | 4.41 | .79 | 2.68 | 1.98 | 2.27 | 3.14 | 1.70 | 2.35 | |
| April..... | 1.89 | .65 | 1.97 | .76 | .64 | .31 | 3.07 | 1.84 | 1.86 | 1.65 | |
| May..... | 4.62 | 1.34 | 2.69 | 1.82 | 2.36 | 2.15 | 1.25 | 3.85 | 1.00 | | |
| June..... | 4.79 | 1.14 | 2.32 | 3.85 | 2.02 | 1.35 | 2.21 | 2.00 | .41 | | |
| July..... | 3.32 | 1.80 | 1.51 | .85 | .50 | 3.95 | 2.68 | 5.15 | .40 | | |
| August..... | 3.77 | .73 | 1.83 | 1.26 | 1.77 | 2.71 | 3.37 | 1.70 | 1.91 | | |
| September..... | 2.28 | 1.45 | 2.53 | 3.27 | 2.70 | .10 | 4.22 | 1.54 | 1.80 | | |
| October..... | 1.90 | .65 | 3.69 | 2.27 | 1.37 | 6.85 | .77 | 2.20 | 2.55 | | |
| November..... | 2.57 | 5.44 | 1.30 | 1.70 | 2.81 | 2.44 | 1.89 | .50 | 1.29 | | |
| December..... | 1.65 | 1.75 | 2.03 | 1.01 | .94 | 1.50 | 2.13 | 2.63 | 4.50 | | |
| TOTALS | 32.69 | 19.55 | 26.62 | 20.67 | 20.06 | 29.55 | 31.93 | 28.20 | 21.77 | (27.00) | |

From daily values supplied by Rev. J. A. Preston
 1865 - February I cannot measure the snow so I guessed at it
 September Hottest September ever known
 October The wettest month for the last 50 years (Yearly total in Book 28.05 error in addition)
 1866 Yearly total in Book 35.91 error in addition
 1867 January I cannot tell what snow falls