

50

Worthing

6-4-75

W. G. Barker Esqr. M. B.

Mps. Recd. No 14

Div. Windy Pt. Ground,

+ See Level 12 ft.

| YEAR - - | 1850 | 1851 | 1852 | 1853 | 1854 | 1855 | 1856 | 1857 | 1858 | 1859 | MEANS. |
|--------------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|--------|
| January - - | | 4.1 | 3.89 | 2.71 | .16 | 2.56 | 1.78 | .03 | .81 | | |
| February - - | | 1.1 | .65 | .92 | .97 | 1.41 | .22 | 1.44 | 2.45 | | |
| March - - - | | .0 | 1.48 | .07 | 1.74 | 1.18 | 1.50 | .59 | 1.54 | | |
| April - - - | | .5 | 3.18 | .19 | .15 | 3.54 | 1.45 | 2.52 | 2.27 | | |
| May - - - - | | 1.7 | 1.66 | 3.07 | 2.80 | 3.65 | .97 | .86 | 2.31 | | |
| June - - - - | | 5.4 | 2.17 | 1.96 | 1.30 | 2.29 | 2.05 | .64 | 2.02 | | |
| July - - - - | | 4 | 2.95 | .82 | 2.60 | 1.76 | .95 | 2.14 | 1.60 | | |
| August - - - | | 4.0 | 2.74 | 1.43 | .00 | 3.12 | 4.43 | 1.67 | .54 | | |
| September - | | 4.1 | 2.09 | 1.28 | 1.06 | 2.75 | 2.88 | 1.42 | 3.24 | | |
| October - - | | 6.7 | 7.62 | 4.15 | 5.65 | 2.36 | 4.39 | 1.63 | 4.04 | | |
| November - | | 6.7 | 1.24 | 1.57 | 1.99 | .78 | 2.66 | 1.62 | 4.83 | | |
| December - | | 4.9 | .45 | 1.83 | 1.44 | 3.14 | .58 | 3.56 | 3.79 | | |
| TOTALS - | | 39.60 | 30.12 | 20.00 | 20.66 | 28.52 | 23.86 | 18.92 | 29.44 | | |

1852 R.G.R. 1856 Sept. 4.5 + 820. 1.4 in R.G.R.

Worthing

Walter G. Barker

F ground 0.0 + Sea Level 10 ft.

| YEAR - - | 1860 | 1861 | 1862 | 1863 | 1864 | | | | | MEANS. |
|---------------|-------|-------|------|------|------|--|--|--|--|--------|
| January - - | 4.66 | .62 | | | | | | | | |
| February - - | .65 | 2.01 | | | | | | | | |
| March - - - | 1.70 | 2.42 | | | | | | | | |
| April - - - | 1.82 | .49 | | | | | | | | |
| May - - - - | 3.41 | 1.60 | | | | | | | | |
| June - - - - | 4.98 | 1.97 | | | | | | | | |
| July - - - - | 1.84 | 3.23 | | | | | | | | |
| August - - - | 3.70 | 1.04 | | | | | | | | |
| September - - | 3.02 | 3.98 | | | | | | | | |
| October - - - | 2.45 | 1.05 | | | | | | | | |
| November - - | 2.76 | 7.63 | | | | | | | | |
| December - - | 3.33 | 2.24 | | | | | | | | |
| TOTALS - - | 34.32 | 29.08 | | | | | | | | |

E C

RAINFALL AT *Welling (Bottom Row)**WJ Harris*

Rain { By
 Gauge } Diameter in.

Height above Ground, ft.

Above Mean Sea Level, ft.

| YEAR..... | 1866 | 1867 | 1868 | 1869 | MEANS. |
|-----------------|-------|-------|-------|------|--------|
| January | 3.29 | 3.41 | 2.01 | | |
| February | 1.41 | 1.06 | 2.40 | | |
| March | 3.00 | 1.18 | 1.44 | | |
| April | 1.32 | 2.14 | 1.06 | | |
| May | 2.49 | .89 | 4.29 | | |
| June | 2.45 | .64 | 1.38 | | |
| July | 2.77 | 1.02 | .18 | | |
| August | 1.96 | 3.62 | .97 | | |
| September | 2.33 | 1.44 | 4.31 | | |
| October | 1.11 | 3.20 | 2.19 | 1.75 | |
| November | 1.57 | 1.37 | 1.04 | 2.34 | |
| December | 1.74 | 1.24 | 6.12 | 3.17 | |
| TOTALS | 26.83 | 24.75 | 25.30 | | |
| | C | C | C | C | |

RAINFALL AT WorthingBedford RowObserver W. J. Harris

No 2

Rain { By.....

Gauge { Diameter..... 9 in.

Height above Ground..... ft. 6 in.

Above Mean Sea Level 17 ft.

| YEAR..... | 1869 | MEANS. |
|----------------|------|--------|
| January..... | 4 | 2.11 |
| February | | 2.54 |
| March | | 1.54 |
| April | | 1.09 |
| May | | 4.28 |
| June | | 1.42 |
| July | | .18 |
| August..... | | 1.00 |
| September..... | | 4.39 |
| October | | 1.79 |
| November..... | | 2.35 |
| December..... | | 3.24 |
| TOTALS | | 25.93 |

RAINFALL AT Worthing

No 3

W WorksObserver W J Harris

Rain { By

Gauge { Diameter

8 in.

Height above Ground, ft. 6 in.

Monthly

Above Mean Sea Level 75 ft.

| YEAR..... | | | | | | | 1868 | 1869 | MEANS. |
|----------------|--|--|--|--|--|--|------|------|--------|
| January | | | | | | | | | |
| February | | | | | | | | | |
| March | | | | | | | | | |
| April | | | | | | | | | |
| May | | | | | | | 4.93 | | |
| June | | | | | | | .66 | | |
| July | | | | | | | 1.02 | | |
| August | | | | | | | 3.72 | | |
| September..... | | | | | | | 1.68 | | |
| October | | | | | | | 2.47 | | |
| November..... | | | | | | | .97 | | |
| December..... | | | | | | | 7.02 | | |
| TOTALS | | | | | | | | | |

More exposed than No 1 being with my other Meteorological Instruments and is the one from which I send to Roy Gal-

RAINFALL AT Wetherby

Nov 2

W Works

Observer K. J. Harris

Rain { By.....
Gauge { Diameter..... 5 in.

Monthly

Height above Ground,..... ft. 11 in.

Above Mean Sea Level, 25 ft.

| YEAR..... | | | | | | | 1868 | 1869 | MEANS. |
|----------------|--|--|--|--|--|--|-------|-------|--------|
| January..... | | | | | | | 3.39 | 2.80 | |
| February | | | | | | | 1.04 | 2.64 | |
| March | | | | | | | 1.16 | 1.71 | |
| April..... | | | | | | | 2.40 | 1.17 | |
| May | | | | | | | .98 | 4.27 | |
| June..... | | | | | | | .39 | 1.47 | |
| July | | | | | | | 1.10 | .14 | |
| August..... | | | | | | | 3.79 | 1.06 | |
| September.... | | | | | | | 1.89 | 4.41 | |
| October | | | | | | | 2.75 | 2.09 | |
| November..... | | | | | | | 1.05 | 2.45 | |
| December..... | | | | | | | 7.18 | 3.53 | |
| TOTALS | | | | | | | 27.12 | 27.74 | |

First three months was in just position with No 1 but a better position being obtained it was removed from doubtful query whether the gauge had not been tampered with.

RAINFALL AT Worthing Bedford Row

Lat.....

Lon.....

County of Kent, Sussex.....

..... Rain Gauge, by.....

Observer... W. J. Stannus Esq.

| | | | | | | | | | | |
|----------------|-------|-------|------|------|-------|-------|-------|-------|-------|--------|
| Diameter..... | 5 | | | | | | | | | |
| Height | 1 | | | | | | | | | |
| Altitude..... | 17 | | | | | | | | | |
| Year | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 |
| | | | | | | | | | | MEANS. |
| January..... | 2.11 | 3.40 | | | 2.06 | 3.80 | 6.2 | 6.75 | 1.80 | 2.90 |
| February..... | 1.58 | 1.62 | | | 1.10 | 2.19 | 3.21 | 1.66 | 2.17 | 3.92 |
| March..... | 1.92 | 1.10 | | | 6.4 | 7.3 | 2.86 | 2.27 | 1.24 | .68 |
| April..... | 1.17 | 3.98 | | | 1.43 | 1.32 | 1.96 | 2.03 | 2.47 | 2.98 |
| May | .76 | -45 | | | .51 | .95 | 6.3 | 2.00 | 2.89 | 2.78 |
| June..... | 1.8 | 2.80 | | | 1.92 | 2.64 | 1.35 | .72 | 2.68 | 4.57 |
| July | 1.09 | 2.88 | | | .65 | 2.32 | 3.2 | 2.04 | .68 | 3.21 |
| August..... | 2.42 | 1.62 | | | 1.49 | 1.89 | 4.25 | 2.67 | 4.38 | 5.07 |
| September..... | 2.01 | 3.04 | | | 3.60 | 1.91 | 3.81 | 1.18 | 1.90 | 3.46 |
| October..... | 4.87 | 1.44 | | | 3.65 | 5.95 | .68 | 3.42 | 3.40 | .87 |
| November..... | 1.31 | .74 | | | 2.16 | 5.87 | 3.58 | 8.13 | 3.30 | .77 |
| December..... | 2.85 | 1.38 | | | 2.22 | .78 | 6.20 | 2.05 | 2.10 | .97 |
| TOTALS..... | 21.27 | 24.45 | | | 21.43 | 30.35 | 29.47 | 34.92 | 29.01 | 32.18 |

RAINFALL AT *Northing Bedford Row*.

Lat..... Lon..... County of Hampshire
..... Rain Gauge, by..... Observer W. J. Harris Esq.

| | | | | | | | | | | | |
|----------------|----------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter | .8 | | | | | | | | | | |
| Height | .6 | | | | | | | | | | |
| Altitude | 17. m | | | | | | | | | | |
| YEAR | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 2.15 | 3.36 | 5.05 | 2.81 | 2.04 | 3.83 | .64 | 6.73 | 1.89 | 2.89 | 3.139 |
| February | 1.78 | 1.58 | 2.07 | 2.69 | 1.07 | 2.17 | 3.18 | 1.66 | 2.11 | 3.83 | 2.214 |
| March | 2.30 | .84 | 2.19 | 1.77 | .64 | .72 | 2.92 | 2.21 | 1.29 | .68 | 1.556 |
| April | - .18 | + 3.96 | .51 | 1.02 | 1.45 | 1.37 | 1.97 | 2.07 | 2.48 | 3.02 | 1.803 |
| May | .85 | .46 | 2.86 | 1.04 | .54 | .96 | .68 | 1.97 | 2.88 | 2.75 | 1.499 |
| June | 2.2 | 2.62 | 2.15 | 1.58 | 1.99 | 2.67 | 1.46 | .82 | 2.73 | 4.52 | 2.076 |
| July | 1.11 | 2.89 | 1.82 | 1.56 | .66 | 2.50 | .41 | 2.04 | .78 | 3.16 | 1.693 |
| August..... | 2.46 | 1.54 | 1.64 | 1.92 | 1.56 | 1.90 | 4.45 | 2.62 | 4.49 | 5.18 | 2.776 |
| September..... | 2.06 | 3.07 | 1.66 | 2.43 | 3.63 | 1.90 | 3.86 | 1.18 | 1.98 | 0.52 | 2.529 |
| October..... | + 4.52 | 1.36 | 4.84 | 3.94 | 3.63 | 6.25 | .68 | 3.85 | 3.55 | .87 | 3.349 |
| November..... | 1.31 | .62 | 5.88 | 1.75 | 2.07 | 5.55 | 3.57 | 8.19 | 3.13 | .76 | 3.283 |
| December..... | 3.09 | 1.38 | 4.27 | .66 | 2.36 | .75 | 6.32 | 2.05 | 2.11 | .95 | 2.394 |
| TOTALS | 22.03 | 23.68 | 34.94 | 23.17 | 21.64 | 30.57 | 30.14 | 35.39 | 29.42 | 32.13 | 28.311 |

RAINFALL AT Worthing Water Works.

Lat..... Lon..... County of..... *Kent, Sussex*
 Rain Gauge, by..... Observer *W. J. Harris, Esq.*

| Diameter | 5 | | | | | | | | | |
|----------------|-------|-------|-------|-------|------|------|------|------|------|--------|
| Height | 7 | 1.3 | .11 | | | | | | | |
| Altitude | 25 | | | | | | | | | |
| YEAR | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | MEANS. |
| January..... | 2.14 | 3.36 | 5.40 | 2.45 | | | | | | |
| February | 2.20 | 2.09 | 2.17 | 2.66 | | | | | | |
| March | 1.80 | .92 | 2.06 | 1.75 | | | | | | |
| April | -1.12 | 3.78 | .58 | 1.06 | | | | | | |
| May | .93 | .45 | 1.93 | 1.08 | | | | | | |
| June..... | .22 | 3.03 | .90 | 1.58 | | | | | | |
| July | 1.09 | 2.95 | 1.68 | 1.96 | | | | | | |
| August..... | 2.05 | 1.84 | 1.54 | 2.12 | | | | | | |
| September..... | 1.86 | 3.24 | 1.89 | 2.43 | | | | | | |
| October..... | +4.09 | 1.39 | 4.90 | 3.90 | | | | | | |
| November..... | 1.28 | .72 | 5.59 | 1.62 | | | | | | |
| December..... | 3.46 | 1.36 | 4.36 | 7.8# | | | | | | |
| TOTALS..... | 21.24 | 25.13 | 33.00 | 23.39 | | | | | | |
| | C | C | C | | | | | | | |

RAINFALL AT *Bedford Row, Worthing*

Lat.

Lon.

County of *W. Sussex*

3

Rain Gauge, by

Observer *M. J. Harris, Esq.*

| Diameter | 8 | | | | | | | | | | |
|-----------------|----------|-------|-------|-------|-------|-------|-------|------|------|------|--------|
| Height | 1.0 | | | | | | | | | | |
| Altitude | 187 | | | | | | | | | | |
| Year | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | 1888 | 1889 | MEANS. |
| January | 54 | 1.83 | 1.51 | 2.42 | 3.06 | 1.66 | 5.33 | | | | |
| February | 2.83 | 3.51 | 1.43 | 3.16 | 1.23 | 3.59 | 5.3 | | | | |
| March | 1.09 | 2.68 | 1.01 | .67 | 1.58 | 2.15 | 2.45 | | | | |
| April | 1.88 | .66 | 2.24 | 1.48 | 1.29 | .84 | 1.60 | | | | |
| May | .45 | 1.18 | 1.19 | 2.36 | .50 | 3.12 | 4.17 | | | | |
| June | 1.44 | 2.76 | 2.53 | .93 | 1.62 | 1.41 | .62 | | | | |
| July | 3.31 | 1.55 | 2.57 | 2.42 | 2.31 | .77 | 2.73 | | | | |
| August | 2.22 | 4.18 | 2.03 | .87 | 1.33 | .74 | 1.42 | | | | |
| September | 4.71 | 2.43 | 2.69 | 3.73 | 3.74 | 5.40 | 1.15 | | | | |
| October | 6.60 | 2.33 | 8.46 | 2.64 | 1.72 | 3.79 | 3.56 | | | | |
| November | 3.62 | 3.65 | 3.81 | 4.27 | 1.07 | 3.27 | 3.57 | | | | |
| December | 4.22 | 2.84 | 2.88 | 1.10 | 4.07 | 1.35 | 4.76 | | | | |
| TOTALS | 32.91 | 29.60 | 32.35 | 26.05 | 23.51 | 28.09 | 31.89 | | | | |

Broadwater Church 1½ mile N.

Annual Average 27.0 ins based on 6 years obs. weighted. Period of average 1881-1915. Ref. 3.

RAINFALL AT Bedford Row, Worthing

Lat. _____

Lo. _____ County of 77. Sussex

Monthly Rain Gauge, by _____

Observer M. J. Harris, Esq.

| Diameter | <u>5</u> | | | | | | | | | | |
|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------|------|------|--------|
| Height | <u>1.0</u> | | | | | | | | | | |
| Altitude | <u>187</u> | | | | | | | | | | |
| Year | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | 1888 | 1889 | MEANS. |
| January | <u>53</u> | <u>153</u> | <u>153</u> | <u>252</u> | <u>318</u> | <u>177</u> | <u>530</u> | | | | |
| February | <u>290</u> | <u>357</u> | <u>154</u> | <u>335</u> | <u>133</u> | <u>377</u> | <u>54</u> | | | | |
| March | <u>110</u> | <u>275</u> | <u>106</u> | <u>.73</u> | <u>165</u> | <u>213</u> | <u>252</u> | | | | |
| April | <u>195</u> | <u>.73</u> | <u>234</u> | <u>145</u> | <u>128</u> | <u>.87</u> | <u>162</u> | | | | |
| May | <u>.44</u> | <u>123</u> | <u>127</u> | <u>240</u> | <u>.63</u> | <u>325</u> | <u>418</u> | | | | |
| June | <u>155</u> | <u>276</u> | <u>263</u> | <u>.97</u> | <u>151</u> | <u>143</u> | <u>.63</u> | | | | |
| July | <u>341</u> | <u>165</u> | <u>268</u> | <u>246</u> | <u>237</u> | <u>.78</u> | <u>272</u> | | | | |
| August | <u>219</u> | <u>425</u> | <u>210</u> | <u>.94</u> | <u>135</u> | <u>.75</u> | <u>145</u> | | | | |
| September | <u>475</u> | <u>267</u> | <u>276</u> | <u>386</u> | <u>369</u> | <u>527</u> | <u>118</u> | | | | |
| October | <u>676</u> | <u>235</u> | <u>860</u> | <u>275</u> | <u>177</u> | <u>390</u> | <u>359</u> | | | | |
| November | <u>366</u> | <u>377</u> | <u>384</u> | <u>440</u> | <u>113</u> | <u>332</u> | <u>361</u> | | | | |
| December | <u>427</u> | <u>295</u> | <u>295</u> | <u>113</u> | <u>472</u> | <u>140</u> | <u>485</u> | <u>44</u> | | | |
| TOTALS | <u>3354</u> | <u>3051</u> | <u>3330</u> | <u>2698</u> | <u>2451</u> | <u>2864</u> | <u>3219</u> | | | | |

Broadwater Church $1\frac{1}{4}$ mile N

Annual average 27.7 ins based on 6 years obs. weighted. Period of average 1881-1915. Ref. 5.