

Chilgrove.
6 m N of Chichester.

1489

Diam 4 1/2 in + ground bio + Sea level 284 ft

| YEAR - - | 1830 | 1831 | 1832 | 1833 | 1834 | 1835 | 1836 | 1837 | 1838 | 1839 | MEANS. |
|--------------|------|------|------|------|-------|-------|-------|-------|-------|-------|--------|
| January - - | | | | | 3.42 | 1.20 | 3.06 | 4.62 | .53 | 1.20 | |
| February - - | | | | | 3.31 | 4.15 | 2.20 | 3.93 | 1.75 | 3.50 | |
| March - - - | | | | | 1.70 | 2.80 | 5.25 | .55 | 2.83 | 1.93 | |
| April - - - | | | | | 1.08 | .76 | 5.10 | 1.42 | 1.00 | 1.79 | |
| May - - - - | | | | | 1.18 | 1.58 | .40 | .70 | 1.33 | .70 | |
| June - - - - | | | | | 2.97 | 2.11 | 1.43 | 1.05 | 3.85 | 1.25 | |
| July - - - - | | | | | 8.55 | .30 | 2.10 | 1.25 | 1.29 | 5.98 | |
| August - - - | | | | | 2.35 | .80 | 5.36 | 2.34 | 1.93 | 2.68 | |
| September - | | | | | 3.10 | 6.01 | 3.90 | 2.40 | 2.80 | 6.70 | |
| October - - | | | | | 1.75 | 5.68 | 5.85 | 3.54 | 2.25 | 3.50 | |
| November - | | | | | 3.79 | 5.16 | 6.55 | 2.05 | 6.74 | 3.92 | |
| December - | | | | | 2.00 | .42 | 1.90 | 3.16 | 4.30 | 7.35 | |
| TOTALS - | | | | | 32.85 | 30.97 | 41.00 | 27.01 | 30.60 | 40.50 | |

Chilgrove
6 m. N. of Colchester.

W. Leyland Woods.

Mss. no. 249

4½ Diam. + Ground bin + Sea Level. 284 ft.

| YEAR - - | 1840 | 1841 | 1842 | 1843 | 1844 | 1845 | 1846 | 1847 | 1848 | 1849 | MEANS. |
|--------------|-------|---------|-------|---------|-------|-------|-------|-------|-------|-------|--------|
| January - - | 3.66 | (4.02) | 1.97 | 2.60 | 3.89 | 3.36 | 5.36 | 1.50 | 2.39 | 3.00 | 3.182 |
| February - - | 2.46 | 2.97 | 3.08 | 2.37 | 3.05 | 1.87 | 2.15 | 2.15 | 5.68 | 2.10 | 2.788 |
| March - - - | .00 | 22.2 | 1.50 | 1.53 | 3.20 | 1.12 | 2.15 | 1.07 | 4.84 | 1.33 | 1.896 |
| April - - - | .40 | 1.50 | .85 | 2.90 | .50 | 1.85 | 1.55 | 1.39 | 3.60 | 3.40 | 1.794 |
| May - - - | 1.75 | 2.96 | 1.55 | 6.17 | .44 | 2.34 | 2.43 | 1.70 | .45 | 3.01 | 2.380 |
| June - - - | 1.80 | 2.50 | .51 | 2.62 | 1.32 | 2.07 | 1.03 | 2.01 | 4.41 | .90 | 1.917 |
| July - - - | 3.39 | 2.10 | 1.23 | 2.31 | 2.08 | 2.43 | 2.36 | 1.05 | 4.27 | 2.37 | 2.359 |
| August - - - | 2.15 | 4.40 | 2.21 | 3.85 | 2.98 | 2.59 | 5.23 | 1.72 | 5.51 | .97 | 3.161 |
| September - | 4.67 | 4.85 | 5.90 | .67 | .96 | 2.89 | 1.72 | 1.80 | 2.88 | 5.16 | 3.150 |
| October - - | 1.88 | 7.03 | 1.53 | 4.98 | 5.05 | 2.72 | 6.36 | 2.88 | 4.07 | 4.67 | 4.139 |
| November - | 6.09 | 5.51 | 7.10 | 3.68 | 4.12 | 3.97 | 2.34 | 2.70 | 2.59 | 2.23 | 4.033 |
| December - | .65 | 3.22 | 2.35 | (1.93) | .67 | 3.47 | 1.67 | 6.06 | 4.35 | 3.76 | 2.713 |
| TOTALS - | 28.90 | (43.35) | 29.80 | (34.61) | 28.26 | 30.68 | 34.55 | 26.03 | 45.04 | 32.90 | 33.412 |

1840 March 28 - Well has fallen 67 ft. since Feb. 11th.
and we have had no r.

1841 - Deep snow in January, amount not measured,
computed value entered in parenthesis

1843 Decr - no rain entered in book, mild, damp fogs

Chilgrove
6 m N of Chilchester

Diam $4\frac{1}{2}$ + Ground bin + Sea Level 284 ft

| YEAR - - | 1850 | 1851 | 1852 | 1853 | 1854 | 1855 | 1856 | 1857 | 1858 | 1859 | MEANS. |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| January - - | 2.15 | 4.89 | 5.09 | 5.00 | 3.17 | .70 | 4.05 | 2.98 | 1.65 | 2.44 | 3.212 |
| February - - | 2.00 | .94 | 2.60 | 1.10 | .80 | 1.50 | 1.35 | .43 | 1.03 | 2.21 | 1.376 |
| March - - - | .43 | 4.40 | .54 | 2.07 | .42 | 2.95 | 1.25 | 2.20 | 1.66 | 1.88 | 1.780 |
| April - - - | 4.24 | 1.82 | .50 | 3.45 | .16 | .45 | 3.86 | 2.11 | 2.67 | 3.27 | 2.253 |
| May - - - | 2.72 | 1.50 | 2.20 | 2.25 | 3.92 | 2.95 | 3.83 | 1.35 | 2.40 | 1.23 | 2.435 |
| June - - - | 2.50 | 2.12 | 6.60 | 2.49 | 1.90 | 1.30 | 2.21 | 2.30 | .99 | 1.30 | 2.371 |
| July - - - | 4.17 | 2.38 | 1.65 | 6.47 | .85 | 4.50 | .79 | 1.57 | 2.95 | 3.08 | 2.835 |
| August - - - | 3.01 | 1.52 | 5.20 | 3.46 | 1.35 | 1.32 | 4.29 | 2.42 | 2.57 | 1.74 | 2.688 |
| September - | 2.90 | None | 5.90 | 3.61 | 1.20 | 2.70 | 4.20 | 4.72 | 2.56 | 4.36 | 3.214 |
| October - - | 2.35 | 4.47 | 6.49 | 5.97 | 4.07 | 7.20 | 3.22 | 7.83 | 2.20 | 4.15 | 4.790 |
| November - | 3.40 | .95 | 8.62 | 1.60 | 1.85 | 1.70 | 1.04 | 2.08 | 1.75 | 5.04 | 2.803 |
| December - | 2.39 | 1.01 | 5.48 | .65 | 2.17 | 1.69 | 2.88 | 1.31 | 3.43 | 3.57 | 2.457 |
| TOTALS - | 32.26 | 25.99 | 50.87 | 38.12 | 21.81 | 28.96 | 32.97 | 31.24 | 25.86 | 34.26 | 32.234 |

Sept 1851 certainly had no rain

Chilgrove
Chichester

Weyland Woods Esq

266 030'68

Knight 5 in + ground 6 in? + Sea Level 284 feet 62

| YEAR -- | 1860 | 1861 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | MEANS. |
|-------------|------|-------|-------|-------|-------|------|-------|-------|-------|-------|---------|
| January -- | 4.34 | .70 | 3.21 | 3.95 | 2.06 | 4.35 | 4.70 | 3.65 | 4.34 | 3.51 | 3.497 |
| February -- | 1.50 | 2.08 | .75 | .94 | 1.48 | 2.60 | 4.49 | 2.66 | 1.53 | 2.91 | 2.094 |
| March -- | 2.40 | 2.96 | 3.99 | 1.21 | 3.39 | 1.26 | 1.79 | 2.05 | 2.06 | 1.80 | 2.269 |
| April -- | 1.75 | .76 | 1.13 | .57 | 1.48 | .43 | 1.58 | 2.06 | 2.61 | 1.10 | 1.347 - |
| May --- | 3.85 | 1.53 | 3.55 | 2.35 | 1.60 | 2.89 | 1.43 | 1.40 | 1.20 | 4.42 | 2.424 |
| June --- | 6.72 | 2.34 | 2.60 | 4.52 | 1.33 | 2.27 | 2.94 | 1.85 | .41 | 1.95 | 2.713 |
| July --- | 2.88 | 4.81 | 2.74 | .89 | .38 | 2.44 | 1.99 | 4.76 | .93 | 1.15 | 2.297 |
| August -- | 5.05 | .73 | 2.39 | 1.99 | 1.04 | 5.49 | 3.24 | 3.41 | 4.81 | 1.55 | 2.970 |
| September - | 3.86 | 3.94 | 2.24 | 4.20 | 4.26 | .30 | 8.08 | 2.24 | 3.43 | 6.00 | 3.855 + |
| October -- | 2.86 | 1.81 | 5.17 | 4.33 | 1.88 | 9.95 | 1.50 | 2.82 | 4.01 | 2.31 | 3.664 |
| November - | 3.60 | 4.99 | 1.45 | 2.24 | 4.35 | 3.50 | 2.10 | 1.03 | 1.64 | 2.47 | 2.737 |
| December - | 3.41 | 1.92 | 3.13 | 3.26 | 1.42 | 2.97 | 2.74 | 1.55 | 0.96 | 4.21 | 3.357 |
| TOTALS - | 4200 | 28.67 | 32.35 | 30.45 | 24.67 | 3845 | 36.66 | 29.48 | 36.13 | 33.38 | 33.224 |

+ 0 8 9 0 - 2 0 0 0 0 0 0 0

1860 If snow included should be 1.50 more = 43.50

1863 October is again nearly the wettest month in the year, for a series of years October has been the wettest month & July the most dry one.

1864 Aug 28th the first good rain for 60 days

RAINFALL AT Chichester Childgrove

Lat.....

Lon.....

County of...

Sussex

Rain Gauge, by.....

Observer

J. W. Wicks Esq.

| | | | | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Diameter | .5 | | | | | | | | | | | |
| Height | .6 | | | | | | | | | | | |
| Altitude | 284. | | | | | | | | | | | |
| YEAR | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. | |
| January..... | 2.40 | 3.53 | 7.42 | 4.91 | 2.56 | 4.75 | 1.15 | 8.28 | 2.11 | 2.48 | 3.959 | |
| February | 3.38 | 1.94 | 2.83 | 3.20 | 2.33 | 2.41 | 3.70 | 2.06 | 2.93 | 4.30 | 2.908 | |
| March | 2.08 | 1.47 | 2.77 | 2.44 | .61 | 1.50 | 3.05 | 2.80 | 1.67 | .67 | 1.906 | |
| April..... | .21 | 4.78 | .96 | .74 | 2.80 | 1.39 | 2.15 | 3.01 | 3.03 | 3.72 | 2.279 | |
| May | 1.44 | .61 | 2.82 | 1.46 | .40 | 1.22 | .55 | 3.36 | 2.26 | 2.75 | 1.687 | |
| June | .44 | 3.84 | 2.03 | 2.52 | 3.09 | 3.23 | 1.59 | .61 | 1.98 | 4.65 | 2.398 | |
| July | 1.62 | 3.31 | 3.02 | 2.60 | 1.43 | 4.39 | .90 | 3.51 | 1.14 | 4.60 | 2.852 | |
| August..... | 3.65 | 7.76 | 1.60 | 2.03 | 2.51 | 1.66 | 3.10 | 4.83 | 5.56 | 6.38 | 3.226 | |
| September..... | 5.66 | 5.08 | 2.54 | 3.16 | 2.74 | 2.61 | 5.13 | 1.93 | 2.04 | 4.67 | 3.273 | |
| October..... | 4.81 | 1.76 | 5.97 | 4.49 | 4.93 | 5.59 | 2.26 | 3.72 | 3.73 | 1.31 | 3.857 | |
| November..... | 1.96 | .85 | 5.39 | 2.90 | 2.82 | 5.28 | 4.29 | 7.99 | 5.01 | .69 | 3.718 | |
| December..... | 3.57 | 2.26 | 5.86 | .72 | 2.79 | 1.35 | 7.44 | 3.01 | 1.88 | .76 | 2.964 | |
| TOTALS | 27.57 | 33.19 | 43.21 | 31.17 | 29.01 | 35.38 | 35.31 | 45.11 | 33.34 | 36.98 | 35.027 | |

C C C

RAINFALL AT *Chilgrove, Chichester*

80

Lat. _____

Lon. _____

County of *W. Sussex*

Rain Gauge, by _____

Observer *J. W. Woods, Esq.*

| | | | | | | | | | | | |
|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Diameter | <i>5</i> | | | | | | | | | | |
| Height | <i>0.6</i> | | | | | | | <i>1. -</i> | <i>6</i> | | |
| Altitude | <i>284 T</i> | | | | | | | | | | |
| Year | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | 1888 | 1889 | MEANS. |
| January | <i>32</i> | <i>1.53</i> | <i>1.87</i> | <i>2.96</i> | <i>3.06</i> | <i>2.15</i> | <i>4.36</i> | <i>2.96</i> | <i>1.49</i> | <i>.95</i> | <i>2.167</i> |
| February | <i>3.14</i> | <i>3.34</i> | <i>2.00</i> | <i>4.95</i> | <i>2.61</i> | <i>4.28</i> | <i>1.03</i> | <i>.82</i> | <i>.83</i> | <i>1.47</i> | <i>2.447</i> |
| March | <i>1.06</i> | <i>2.10</i> | <i>.92</i> | <i>.82</i> | <i>2.88</i> | <i>2.30</i> | <i>2.23</i> | <i>1.13</i> | <i>4.24</i> | <i>2.13</i> | <i>1.981</i> |
| April | <i>1.94</i> | <i>.53</i> | <i>3.84</i> | <i>1.28</i> | <i>1.56</i> | <i>1.19</i> | <i>1.77</i> | <i>1.51</i> | <i>1.68</i> | <i>2.12</i> | <i>1.742</i> |
| May | <i>.21</i> | <i>1.53</i> | <i>1.40</i> | <i>2.09</i> | <i>.91</i> | <i>4.85</i> | <i>4.67</i> | <i>1.03</i> | <i>1.88</i> | <i>4.82</i> | <i>2.339</i> |
| June | <i>2.33</i> | <i>2.34</i> | <i>3.54</i> | <i>2.42</i> | <i>1.42</i> | <i>2.54</i> | <i>.65</i> | <i>1.09</i> | <i>3.64</i> | <i>.77</i> | <i>2.074</i> |
| July | <i>5.57</i> | <i>3.53</i> | <i>3.46</i> | <i>3.44</i> | <i>2.56</i> | <i>.57</i> | <i>3.86</i> | <i>1.00</i> | <i>7.74</i> | <i>2.45</i> | <i>3.418</i> |
| August | <i>1.02</i> | <i>5.56</i> | <i>2.31</i> | <i>1.16</i> | <i>1.32</i> | <i>1.13</i> | <i>2.27</i> | <i>2.50</i> | <i>2.87</i> | <i>2.45</i> | <i>2.259</i> |
| September | <i>5.01</i> | <i>3.09</i> | <i>2.39</i> | <i>4.08</i> | <i>3.32</i> | <i>5.27</i> | <i>1.75</i> | <i>4.19</i> | <i>1.15</i> | <i>.83</i> | <i>3.108</i> |
| October | <i>8.78</i> | <i>2.24</i> | <i>9.34</i> | <i>2.81</i> | <i>1.39</i> | <i>4.19</i> | <i>5.59</i> | <i>1.38</i> | <i>2.01</i> | <i>7.80</i> | <i>4.553</i> |
| November | <i>3.86</i> | <i>4.77</i> | <i>1.81</i> | <i>5.41</i> | <i>1.33</i> | <i>3.56</i> | <i>3.89</i> | <i>5.22</i> | <i>5.53</i> | <i>1.52</i> | <i>3.690</i> |
| December | <i>4.28</i> | <i>3.46</i> | <i>2.83</i> | <i>1.32</i> | <i>4.06</i> | <i>1.44</i> | <i>5.98</i> | <i>2.48</i> | <i>2.27</i> | <i>2.39</i> | <i>3.051</i> |
| TOTALS | <i>27.52</i> | <i>34.02</i> | <i>25.71</i> | <i>32.77</i> | <i>26.42</i> | <i>33.47</i> | <i>38.04</i> | <i>25.31</i> | <i>35.33</i> | <i>29.70</i> | <i>32.829</i> |

1880. Westdean Ch. 2 miles. E.

RAINFALL AT

Chichester Guildgrove

Lat.

Lon.

County of W Sussex

Rain Gauge, by

Observer J. W. Woods Esq

No. 1

| | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Diameter | 5 | | | | | | | | | | | |
| Height | 0 6 | | | | | | | | | | | |
| Altitude | 284 T | | | | | | | | | | | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. | |
| January | 3.86 | 3.39 | 1.25 | 1.96 | 6.84 | 3.12 | 1.95 | 3.31 | .96 | 3.53 | 2.017 | |
| February | 1.14 | .05 | .85 | 3.57 | 2.65 | .14 | .58 | 4.24 | 1.73 | 2.70 | 1.765 | |
| March | 1.69 | 4.17 | .97 | .24 | 1.90 | 2.80 | 4.69 | 6.03 | .88 | .81 | 2.118 | |
| April | 2.83 | 1.02 | .91 | .05 | 2.58 | 3.16 | .67 | 2.85 | 1.31 | 2.97 | 1.835 | |
| May | 1.80 | 2.35 | .95 | .87 | 1.33 | .25 | .55 | 1.38 | 4.28 | .90 | 1.166 | |
| June | 3.49 | 2.00 | 2.20 | 1.67 | 2.23 | .75 | 4.24 | 2.68 | 2.84 | 1.89 | 2.299 | |
| July | 4.10 | 3.10 | 2.65 | 4.10 | 5.67 | 5.33 | 1.11 | .74 | .38 | 1.84 | 2.902 | |
| August | 3.60 | 7.58 | 3.29 | .82 | 1.85 | 4.08 | 1.35 | 6.04 | 1.96 | .76 | 3.123 | |
| September.... | 1.70 | 1.33 | 3.37 | 2.01 | 2.83 | .66 | 9.50 | 3.23 | 2.20 | 3.46 | 2.029 | |
| October | 1.15 | 7.16 | 4.57 | 5.19 | 5.39 | 4.16 | 3.86 | .49 | 4.14 | 2.86 | 3.897 | |
| November.... | 3.35 | 4.73 | 3.95 | 2.83 | 6.72 | 6.91 | 1.13 | 1.66 | 4.92 | 5.81 | 4.201 | |
| December | .62 | 4.71 | 2.66 | 3.63 | 3.28 | 3.83 | 6.41 | 4.83 | 3.03 | 2.39 | 3.529 | |
| TOTALS . . . | 29.33 | 41.59 | 27.62 | 26.94 | 43.27 | 35.19 | 36.04 | 37.48 | 28.63 | 29.92 | 33.601 | |

1893 Westdean Church 2 miles

RAINFALL AT Chichester Chilgrove

Lat. Lon. County of West Sussex

Rain Gauge, by Observer J. W. Woods Esq

Fig 1

| | | | | | | | | | | | |
|--------------|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter .. | 5 | | | | | | | | | | |
| Height | 0 6 | | | | | | | | | | |
| Altitude .. | 266 254 J | | | | | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January .. | 4.91 | 1.40 | 1.46 | 3.45 | 6.82 | 1.45 | 9.77 | 1.44 | 1.63 | 1.13 | 3.346 |
| February .. | 7.42 | 1.86 | 2.73 | 1.98 | 4.88 | .84 | 4.52 | 1.90 | 1.88 | .46 | 2.847 |
| March | 1.01 | 2.80 | 2.35 | 4.24 | 1.49 | 5.91 | 1.50 | 1.19 | 3.47 | 5.15 | 2.914 |
| April | 1.88 | 3.08 | 1.11 | 2.74 | 2.03 | 1.95 | .99 | 5.20 | 2.40 | 1.56 | 2.294 |
| May | 1.13 | 1.25 | 2.32 | 3.60 | 4.60 | .60 | 3.62 | 2.97 | 2.64 | 1.79 | 2.4212 |
| June | 3.80 | 3.62 | 3.82 | 2.74 | 1.28 | 4.38 | 1.82 | 3.24 | .74 | 3.34 | 2.828 |
| July | 1.25 | 2.86 | 1.34 | 3.55 | 1.57 | .35 | .46 | 1.80 | 3.71 | 3.47 | 2.036 |
| August | 3.81 | 1.86 | 7.04 | 5.96 | 2.58 | 3.73 | 1.13 | 2.26 | 4.46 | 2.33 | 3.516 |
| September .. | 1.35 | 2.51 | 1.18 | 4.75 | 3.05 | 2.43 | 1.66 | .65 | 1.96 | 4.00 | 2.3511 |
| October | 2.77 | 3.07 | 3.09 | 10.53 | 2.82 | 2.03 | 5.76 | 7.35 | 3.24 | 9.34 | 5.000 |
| November .. | 4.50 | .61 | 4.84 | 2.63 | 1.46 | 5.53 | 5.74 | 3.44 | 1.49 | .74 | 3.098 |
| December .. | 5.07 | 5.80 | 2.53 | 3.36 | 4.39 | 1.41 | 2.77 | 4.71 | 4.34 | 5.56 | 3.994 |
| TOTALS .. | 38.90 | 30.72 | 33.81 | 49.53 | 36.87 | 30.51 | 39.24 | 36.15 | 31.86 | 38.90 | 36.640 |

1908 Westdown Church 2 Miles SE

Chichester Station 7 S

D. H. Thomson, in letter of 12.2.20, says correct altitude is 266 ft

RAINFALL at Chichester ChilgroveCounty of SussexObserver J.W. WoodcockRiver Basin Lewant & C 1Min L.K. Woods (17)Rain Gauge, by N43

| Diameter ... | 5 | | | | | | | | | | | |
|--------------|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|----------------|
| Height | 0 6 | | | | | | | | | | | |
| Altitude ... | 245 264.7 | | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. | |
| January ... | 3.43 | 1.59 | 4.04 | 5.93 | 1.00 | 4.42 | 1.60 | 1.70 | 4.40 | 7.59 | | Total 16.17 |
| February ... | 4.57 | 2.36 | 3.21 | 1.57 | 4.95 | 5.44 | 3.79 | 1.31 | 1.80 | 3.25 | | 15.29 |
| March | 1.65 | 2.15 | 4.94 | 3.48 | 5.14 | .93 | 3.44 | 2.33 | 1.60 | 6.63 | | 10.15 |
| April | 2.64 | 1.56 | .00 | 3.57 | 1.78 | 1.46 | 1.16 | 2.09 | 2.10 | 2.51 | | 11.53 |
| May | 1.15 | 2.95 | 1.17 | 3.26 | 1.55 | 3.85 | 1.92 | 2.16 | 1.77 | .22 | | 7.80 |
| June | 1.98 | 2.39 | 3.72 | .52 | 1.39 | 1.94 | 2.30 | 3.93 | .95 | .58 | | 6.07 |
| July | 2.24 | .79 | 2.12 | 2.00 | 3.35 | 4.39 | 1.04 | 2.60 | 4.45 | 1.91 | | 7.76 |
| August | 3.54 | .54 | 8.04 | 2.00 | 1.84 | 1.56 | 3.71 | 6.03 | 2.03 | 4.01 | | 10.00 |
| September .. | .12 | 1.29 | 3.33 | 1.74 | 1.80 | 2.57 | 2.75 | 1.83 | 6.91 | 1.55 | | 15.92 |
| October ... | 5.18 | 6.19 | 3.55 | 5.88 | 3.16 | 4.03 | 5.74 | 4.57 | 1.45 | .36 | | 13.04 |
| November .. | 4.45 | 5.61 | 2.04 | 3.66 | 3.81 | 3.72 | 4.96 | 1.38 | 2.50 | 2.78 | | 12.11 |
| December ... | 5.15 | 9.00 | 4.77 | 1.92 | 9.66 | 10.44 | 3.97 | 1.81 | 3.46 | 6.98 | | 11.62 |
| TOTALS ... | 36.10 | 36.42 | 40.93 | 35.53 | 39.46 | 44.75 | 36.38 | 31.74 | 33.42 | 38.36 | | 16.22 |

In letter of 12.2.20 Dist. Stationer says the correct height of pond is 265 ft. above m.s.l.

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|----------------------|--------------|------------|-----------|-----------|------------|
| 1910 | | | Chichester Lewant | 7 m 1/2 m | S S | West Dean | 2 1/2 m | S |

RAINFALL at Chilgrove HouseCounty of SussexObserver Lt. Miss Woods
E. L. Woods (1921)River Basin Lavant & c.Snoddon Rain Gauge, by N 2

| | | | | | | | | | | | | |
|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|---------------|------------------|
| Diameter ... | 5- | | | | | | | | 5 | | | |
| Height | 0.6 | 1.0 | | | | | | | 1.6. | | | |
| Altitude ... | 265 | | 266 | | | | | | | | 268 | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 MEAN. | |
| January ... | 4.53 | 4.47 | 4.72 | 1.63 | 3.44 | 5.42 | 6.48 | 2.94 | 7.52 | 1.68 | 5.63 | Totals. 48.76 |
| February ... | 7.5 | 4.1 | 3.46 | 6.04 | 4.6 | 5.58 | 2.47 | 5.58 | 2.64 | 1.54 | 1.33 | 30.26 |
| March | 2.59 | 1.92 | 2.20 | 2.95 | 2.19 | 5.4 | 1.67 | 3.92 | 2.66 | 1.09 | 1.54 | 21.27 |
| April..... | 3.33 | 1.05 | 4.27 | 3.75 | 3.50 | 3.53 | 3.38 | 2.68 | 2.47 | 1.77 | 2.59 | 31.32 |
| May | 1.39 | 1.97 | 1.22 | 3.39 | 4.33 | 5.16 | 3.28 | 1.99 | 2.41 | 3.37 | 2.39 | 30.90 |
| June | 1.88 | 1.03 | 1.53 | 3.8 | 2.74 | 1.05 | 2.89 | 4.10 | 2.76 | 1.88 | 1.50 | 18.74 |
| July | 6.03 | 4.8 | 4.32 | 1.25 | 4.79 | 3.84 | 2.17 | 3.71 | 2.14 | 1.91 | 3.03 | 33.67 |
| August | 1.37 | 2.45 | 3.09 | 3.01 | 3.52 | 4.17 | 1.80 | 4.52 | 3.50 | 2.49 | 4.21 | 34.13 |
| September... | 2.54 | 1.90 | 2.16 | 2.57 | 6.90 | 3.25 | 1.51 | 7.81 | 1.11 | 1.25 | 3.06 | 32.06 |
| October..... | 3.55 | 1.54 | 1.10 | 7.18 | 5.35 | 4.63 | 2.83 | 3.51 | 8.37 | 4.92 | 2.32 | 44.30 |
| November... | 1.87 | 2.69 | 2.38 | 1.39 | 2.64 | 4.36 | 7.87 | 3.96 | 3.86 | 9.48 | 6.43 | 46.93 |
| December... | 3.53 | 2.38 | 4.45 | 3.79 | 5.40 | 4.07 | 1.35 | 5.03 | 4.52 | 8.03 | 3.98 | 45.53 |
| TOTALS... | 33.36 2 | 19.29 2 | 34.90 3 | 37.33 3 | 45.26 3 | 44.60 3 | 34.70 3 | 49.75 3 | 44.26 3 | 37.41 3 | 37.01 3 | 417.87 12 |

1921. House 40 ft high 45 ft W.
1922

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

| Date. | Lat. N. | Long. W. | Railway Station. | Distance from gauge | Direction from gauge | Parish Church. | Distance from gauge | Direction from gauge |
|-------|-------------|------------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1920 | | | Lavant | 4 1/2 mi | S | West-Dean | 2 1/2 mi | S |
| 1921 | 50° 55' 16" | 0° 49' 58" | Singleton | 2 1/4 mi | ESE | | 2 | SE |

RAINFALL at Chilgrove House

County of Sussex

Observer E. L. Woods Esq *dec 30/7/40*

River Basin Lavant & C.I.

C. F. W. Dymond Esq.

Type of Gauge.....

Annual Average 35.04 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Av. W. Sheet
Supplied by F. L. Woods on 28.12.1933
copy transferred to C. 381487/35 381487/35

| | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|
| Diameter | 5 | | | | | | | | | | |
| Height | 10 | | | | | | | | | | |
| Altitude | 266 | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Totals Means |
| January | 3.00 | 3.52 | 2.58 | 2.53 | .92 | 5.85 | 7.39 | 4.79 | 6.52 | 3.25 | 40.35 |
| February | 2.65 | .34 | 4.20 | .05 | 4.37 | 3.07 | 6.15 | .62 | 1.41 | 4.18 | 27.24 |
| March | .98 | 1.67 | 3.70 | 3.06 | .99 | 2.47 | 4.02 | .72 | 1.59 | 3.77 | 22.97 |
| April | 3.34 | 3.60 | 1.42 | 2.37 | 4.36 | 2.48 | 3.64 | .11 | 3.13 | 1.00 | 25.45 |
| May | 2.68 | 4.96 | 3.28 | .59 | 1.06 | .50 | 2.30 | 2.62 | 1.79 | 1.02 | 20.80 |
| June | 1.74 | 2.42 | 1.45 | 1.63 | 3.33 | 3.50 | 1.06 | .82 | 1.68 | .24 | 17.87 |
| July | 3.90 | 5.13 | 2.82 | .98 | 1.18 | 5.16 | 1.83 | 2.80 | 3.34 | 4.63 | 31.77 |
| August | 4.78 | 1.43 | 1.15 | 3.10 | 3.35 | .71 | 2.04 | 1.70 | 2.22 | .06 | 20.54 |
| September | 2.89 | 3.15 | 3.10 | 3.18 | 4.85 | 2.71 | 2.69 | 2.56 | 1.00 | 1.57 | 27.70 |
| October | .78 | 8.96 | 2.31 | 2.02 | 5.16 | 1.58 | 3.35 | 5.19 | 6.78 | 5.09 | 41.22 |
| November | 5.19 | 2.39 | .97 | 4.44 | 9.03 | 6.06 | 1.65 | 5.15 | 7.83 | 9.73 | 52.44 |
| December | .84 | 1.15 | .90 | 11.90 | 5.22 | 2.62 | 4.60 | 3.84 | 2.56 | 3.13 | 36.76 |
| TOTALS | 32.77 | 38.72 | 27.88 | 35.85 | 43.82 | 36.71 | 40.72 | 30.92 | 40.05 | 37.67 | 365.11 |

1932 House 45' high 40'E.

93 110 80 102 125 105 116 88 114 107
✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

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 |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1932. | | | Lavant | 4m | S. | West Dean | 2m | S.E. |

Station No. 440RAINFALL at Bluegrove House (Lynn)

41

County of EssexObserver C. W. Diamond bagRiver Basin Lynn(obs. W. G. Shute x 50)Type of Gauge HO. Snowdon 1950Annual Average 35.2 in. based on 35 years obs. un-weighted. Period of average 1821-1915 Ref. A.W.S.File No. 38.14.87.135

| Diameter | 5 | | | 320 | 994 | | 5 | | | | | |
|-----------|------|------|------|------|------|------|------|-------|-------|-------|-------|--------|
| Height | 1.0 | | | | 1 | | 1.6 | | | | | |
| Altitude | 266 | | | | 41 | | 266 | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means | |
| January | 3.52 | | | | | | | 7.30 | 1.66 | 1.54 | | 38.60 |
| February | 4.00 | | | | | | | 1.81 | 1.61 | 6.65 | | 26.26 |
| March | 4.05 | | | | | | | 1.03 | 1.78 | 2.46 | | 24.84 |
| April | 2.06 | | | | | | | 2.28 | 1.98 | 2.46 | | 20.14 |
| May | 2.78 | | | | | | | 3.23 | 2.96 | 1.38 | | 25.74 |
| June | 1.86 | | | | | | | 3.22 | .70 | 1.88 | | 20.88 |
| July | | | | | | | | 1.89 | .35 | 4.53 | | 26.58 |
| August | | | | | | | | 5.69 | 1.59 | 3.37 | | 34.06 |
| September | | | | | | | | 3.18 | 2.67 | 4.56 | | 27.53 |
| October | | | | | | | | 2.12 | 9.31 | .79 | | 33.40 |
| November | | | | | | | | 2.22 | 4.36 | 8.01 | | 38.57 |
| December | | | | | | | | 5.71 | 2.67 | 2.45 | | 36.42 |
| TOTALS | me | | | | | | | 39.68 | 31.64 | 40.08 | | 352.82 |

with another gauge see 440/1

Read record on old site 440/1 shows mean of about 4% - at present unexplained
 1950 True 150 ft. Hgt. 407 ft. distance, S.E. w. N.W. House 70 ft. Hgt. 307 ft. distance, East.

Calculated multiply totals to fit old read which is some 4% lower than the read seen in P.B 534

* 90 values P.B. 534

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. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|----------------------|-----------------------|
| 1950 | | | Singleton | 2 1/2 miles | N.E. | West Dean | 2 miles | E |

BRITISH RAINFALL ORGANIZATION

RAINFALL at CHILGROVE HOUSE (LAWN)

Station No. 446

51° 57' E.

County of SUSSEX

Col.

Observer

C.F.W. DIXON

OBSERVER

W. CARPENTER

River Basin LANTANT & C 1

H.D. Kenwick Esq. per
Portsmouth & Gosport Water Co.

Type of Gauge M.O.

Annual Average 35.04 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S.

36.45 " " 35 " " 1916-1950

1916-1950 38.1487/35

File No.

| Diameter ... | 5" | | | 320 | 994 | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| Height ... | 1' 0" | | | | | | | | | | |
| Altitude ... | 253' | | | | 51 | | | | | 265' | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January ... | 4.79 | 3.30 | 1.37 | 1.97 | 3.21 | 5.25 | 3.40 | 5.44 | | 4.22 | |
| February ... | 6.73 | .99 | 1.89 | 4.25 | 2.65 | 10.0 | 5.97 | 3.26 | | 3.22 | |
| March ... | 5.77 | 3.26 | .59 | 4.43 | 1.56 | .59 | 2.72 | 2.22 | | 2.58 | |
| April ... | 3.49 | 2.53 | 2.25 | .36 | .51 | 1.24 | .29 | .93 | | 0.85 | |
| May ... | 2.67 | 3.38 | 2.83 | 3.28 | 4.41 | .25 | 1.49 | 2.74 | | 1.01 | |
| June ... | 2.98 | 2.26 | 2.09 | 3.95 | 3.07 | 2.75 | 2.15 | 3.50 | | 2.49 | |
| July ... | 3.16 | .67 | 4.63 | 4.55 | 1.14 | 3.25 | 4.86 | 2.54 | | 5.04 | |
| August ... | 7.09 | 2.39 | 2.73 | 3.90 | 1.45 | 4.18 | 3.58 | 4.55 | | 4.78 | |
| September ... | 4.15 | 3.39 | 4.00 | 3.56 | 2.44 | 4.88 | 4.04 | 6.74 | | 5.16 | |
| October ... | 1.74 | 4.51 | 3.61 | 4.64 | 3.96 | 1.99 | 2.65 | 3.34 | | 9.99 | |
| November ... | 9.87 | 5.16 | 2.55 | 6.33 | 2.96 | 1.04 | 3.10 | 2.84 | | 7.98 | |
| December ... | 4.15 | 3.51 | 1.03 | 3.69 | 5.10 | 6.88 | 3.83 | 4.52 | | 5.27 | |
| TOTALS ... | 56.59 | 35.35 | 29.57 | 44.91 | 32.56 | 31.70 | 38.08 | 42.62 | | 52.59 | |
| | D | D | D | D | D | D | D | D | | D | |

1951 House 75', 15 yds ENE; Trees 120', 20 yds SE; Trees 100' 10 yds WNW.

See file for 1951 act. to gauge old gauge. 1952 1st avg.

- 1.1.60 Terminated on death of observer.
 12.5.60 Re-installed, taken over by Mr. Kenwick & added to T.F.4 by Portsmouth & Gosport Water Co. Act. of gauge 265' - old act (253') is that of well head.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SU(41) 82144

| Date. | Lat. N. | Long. | Railway Station. | Distance Direction from gauge | Parish Church. | Distance Direction from gauge. |
|-------|---------|-------|------------------|-------------------------------|----------------|--------------------------------|
| 1951 | | | Simpleton | 2 1/2 mi E | East Morden | 1 1/2 mi SW. |

Summary of Earlier Records from 10-year Sheets :

42-47 5th 5th 4th 11

1916-1950, P - accepted

| Record D, or d | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|----------------|---------|---------------|---------|-----------------------|---------|
| C1834 | ✓ | ✓ | ✓ | NP imp 44 NR 42-47 | ✓ |
| | ✓ | ✓ but d 20 yd | ✓ | | |