

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	(.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 4½ + 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	1.08	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

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

Diameter ..	5										
Height	0 6										
Altitude ..	266 264										
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	2.421
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	2.354
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. Gen. Homan 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 28.11.33
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.

RAINFALL at Bluegrove House (Lynn)Station No. 440

41

County of EssexObserver C. W. Diamond bagRiver Basin Essex ch 1(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 monthly totals to fit old read which is some 4% lower than the read seen in P.B 534

* *90 values P.B. 584*

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

Daily Records 1941-47 in this will be included +50 1/2 1/4 1/8

Station No. 440/1

RAINFALL at Chilgrove House (Retham garden)

41

County of Swansea Observer G. H. S. Diamond Esq.

River Basin Swansea W. L. Carpenter

Type of Gauge M.O. (Standard 1949) (W. L. Short (1949/50)

As not applicable to gauge in Retham garden.

Annual Average 5.24 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. Obs. Mt. Sheet

440/1

File No. 381487/35

Diameter	5			321	019						
Height	1 0		1' 6"		1	1 6	1' 6"	1 0			
Altitude	266		253	41	26	253					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.52	4.63	7.56	3.02	2.63	3.93	4.77	7.81	1.73		
February	4.00	1.14	1.98	.85	3.19	3.56	2.46	1.97	1.65		
March	4.05	3.79	.94	.35	1.77	1.55	8.98	1.11	1.88		
April	2.06	1.91	1.37	2.30	1.27	2.80	2.87	2.47	2.04		
May	2.78	3.41	3.60	1.28	2.51	4.22	1.63	3.44	3.08		
June	1.86	.35	1.43	2.64	2.86	5.24	2.63	3.37	.75		
July	2.81	1.94	3.05	3.33	5.15	1.77	2.01	1.90	.35		
August	5.45	5.35	1.88	2.26	2.67	7.65	.66	5.99	1.62		
September	.03	2.96	2.04	3.20	3.11	4.89	2.11	3.27	2.72		
October	1.58	4.04	5.36	5.10	4.32	1.09	1.35	2.30	9.43		
November	4.73	2.12	3.40	7.63	.29	6.48	2.33	2.27	4.68		
December	3.15	5.04	2.64	3.59	4.93	5.17	3.41	6.12	2.94	#	
TOTALS	36.02	36.68	35.25	35.61	34.70	48.35	35.21	42.02	32.87		
	d.	d.	d.	d.	d.	D.M.B.	D.	D.	D.		

x 1941. Ilex tree 40' high 60' S Glass house against stable 20' high 30' W. Vinery 15' high 20' N.

Gauge moved 200' E on 1-7-41.

1942 Wall 8' high 10' N.

1946 n.p. late.

1949 Trees 100' high 20' S., 12' W. and 14' NW.

Discontinued see encl. 468.

Gauge moved to Retham garden 1-7-41 when military occupied house. Insurance of cable said to be due to wind falling at times of strong winds.

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series

No. of Map.....

Reference No. 5 U835 143

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941 1943			Chichester Savant	7 miles 4.5 m.	S S.E.	W. Dean W. Dean	2 miles 3 m.	SE S.

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(4) 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	✓		