

RAINFALL AT *Great Malvern Church Street*

Lat.....

Lon.....

County of *Worcester*.....

Rain Gauge, by.....

Observer *M. S. Andoe Esq.*.....**Seyern. Right Bank--1**

Diameter.....		.5	.5								
Height.....		.7	.7								
Altitude.....		346	346								
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....		2.17	5.63	3.06							
February.....		1.08	3.06	1.29							
March.....		1.44	2.10	2.86							
April.....		3.06	2.59	.94							
May.....		1.26	2.44	2.17							
June.....		4.68	4.3	3.53							
July.....		3.17	3.10	2.03							
August.....		1.93	1.30	3.14							
September.....		7.18	2.42	1.72							
October.....		1.35	4.36	2.06							
November.....		1.10	4.69	1.51							
December.....		1.96	4.93	.91#							
TOTALS.....		30.38	39.45	25.22							

Gauge moved to Wells Road, midway
between Great Malvern & Malvern Wells

RAINFALL AT *Great Malvern (Church St)*

70

Lat.

Lon.

County of *Worcester*

Rain Gauge, by

Observer *J. D. Palmer Esq*

Severn. Right Bank -- 1

Diameter . . .						5					
Height . . .						1					
Altitude . . .						357					
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January . . .						3.51	2.48	4.68	1.59	2.34	
February. . .						1.59	2.42	2.05	1.49	3.50	
March . . . .						.89	2.53	1.97	.88	.90	
April						1.00	3.16	3.05	3.59	2.84	
May						2.99	.60	1.89	6.44	2.69	
June						2.17	1.03	1.43	2.94	5.25	
July						6.38	.86	3.69	.85	3.15	
August						2.17	1.98	6.30	6.51	7.28	
September . .						3.11	5.02	2.18	2.77	3.35	
October						7.57	3.09	1.58	4.19	1.43	
November . . .						4.29	4.42	3.37	3.09	.80	
December . . .						.82	6.97	1.79	2.19	.98	
TOTALS . . .						36.49	34.56	33.98	36.53	34.51	

1879 Wall 3 ft high 10 ft distant

RAINFALL AT *Great Malvern Church St.*

80

Lat. _____

Lon. _____

County of *Worcester*

Rain Gauge, by _____

Observer *J. E. Palmer, Esq.*

Season R-1.

Diameter	<i>5</i>										
Height	<i>1.0</i>										
Altitude	<i>337 ft</i>			<i>361 ft</i>							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.49</i>	<i>.99</i>	<i>2.09</i>	<i>4.01</i>	<i>3.04</i>	<i>1.66</i>	<i>3.88</i>	<i>2.40</i>	<i>.69</i>	<i>.73</i>	<i>1.998</i>
February	<i>3.94</i>	<i>1.63</i>	<i>2.19</i>	<i>3.92</i>	<i>1.96</i>	<i>4.11</i>	<i>1.01</i>	<i>.35</i>	<i>.63</i>	<i>1.28</i>	<i>2.102</i>
March	<i>1.02</i>	<i>2.80</i>	<i>1.13</i>	<i>1.01</i>	<i>2.17</i>	<i>1.31</i>	<i>2.88</i>	<i>1.28</i>	<i>2.77</i>	<i>2.48</i>	<i>1.885</i>
April	<i>2.01</i>	<i>.80</i>	<i>3.62</i>	<i>1.20</i>	<i>1.91</i>	<i>2.64</i>	<i>2.49</i>	<i>.99</i>	<i>1.07</i>	<i>4.53</i>	<i>2.126</i>
May	<i>1.95</i>	<i>2.24</i>	<i>3.28</i>	<i>1.14</i>	<i>.64</i>	<i>2.86</i>	<i>6.27</i>	<i>2.72</i>	<i>1.02</i>	<i>3.53</i>	<i>2.565</i>
June	<i>3.89</i>	<i>2.73</i>	<i>3.04</i>	<i>3.06</i>	<i>3.79</i>	<i>3.52</i>	<i>1.95</i>	<i>1.48</i>	<i>2.46</i>	<i>.36</i>	<i>2.628</i>
July	<i>5.66</i>	<i>1.32</i>	<i>4.69</i>	<i>2.84</i>	<i>2.86</i>	<i>.27</i>	<i>2.35</i>	<i>1.03</i>	<i>5.76</i>	<i>2.58</i>	<i>2.936</i>
August	<i>.41</i>	<i>5.13</i>	<i>2.11</i>	<i>1.22</i>	<i>2.15</i>	<i>3.79</i>	<i>1.51</i>	<i>1.22</i>	<i>2.02</i>	<i>3.00</i>	<i>2.256</i>
September....	<i>4.10</i>	<i>1.62</i>	<i>2.93</i>	<i>3.96</i>	<i>.95</i>	<i>3.70</i>	<i>2.75</i>	<i>1.68</i>	<i>.77</i>	<i>1.56</i>	<i>2.401</i>
October	<i>5.30</i>	<i>2.18</i>	<i>5.39</i>	<i>2.79</i>	<i>.88</i>	<i>3.42</i>	<i>4.38</i>	<i>2.07</i>	<i>.55</i>	<i>2.79</i>	<i>2.975</i>
November....	<i>2.20</i>	<i>3.58</i>	<i>3.59</i>	<i>3.92</i>	<i>1.57</i>	<i>3.37</i>	<i>3.03</i>	<i>2.73</i>	<i>7.27</i>	<i>1.12</i>	<i>3.238</i>
December	<i>3.44</i>	<i>2.30</i>	<i>3.30</i>	<i>.75</i>	<i>2.84</i>	<i>.94</i>	<i>3.60</i>	<i>2.17</i>	<i>2.55</i>	<i>1.90</i>	<i>2.379</i>
TOTALS	<i>34.41</i>	<i>27.32</i>	<i>37.56</i>	<i>29.81</i>	<i>24.76</i>	<i>31.59</i>	<i>36.10</i>	<i>20.12</i>	<i>27.56</i>	<i>25.86</i>	<i>29.489</i>

RAINFALL AT *Great Malvern Church Street*

Lat. _____

Lon. _____

County of _____

Worcester

Seven, R-1.

Rain Gauge, by _____

Observer _____

J. E. Palmer Esq

W. P. Maybury Esq C.E.

Diameter	5											
Height	10											
Altitude	361 π											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	3.19	1.86	1.89	2.03	2.22	3.98	.57	2.25	.62	3.70	2.231	
February ....	.55	.10	1.43	2.84	2.28	.26	.35	2.82	1.32	2.63	1.458	
March	1.11	1.37	.87	.49	1.25	2.15	3.16	3.96	.37	.35	1.505	
April	1.11	1.65	.87	.30	1.62	2.45	.91	1.92	1.68	1.64	1.415	
May	2.06	3.53	1.72	1.61	3.07	.90	.24	.85	3.61	2.13	1.972	
June	2.00	2.46	1.91	1.01	2.14	.51	1.98	2.65	1.74	1.47	1.787	
July	2.15	1.80	2.26	2.04	2.56	3.92	1.71	1.13	1.13	.80	1.950	
August	2.27	5.10	2.49	2.07	3.20	2.36	1.39	4.42	2.36	1.29	2.695	
September ....	.96	1.11	2.69	.97	4.20	.56	5.23	2.42	.56	2.68	2.108	
October	1.03	7.54	1.74	1.92	3.07	2.96	2.10	1.57	3.54	2.29	2.776	
November	2.33	2.74	2.41	1.15	3.54	5.21	.65	2.01	1.94	1.72	2.370	
December	1.10	3.69	1.05	3.19	2.17	2.09	3.45	3.05	2.40	2.73	2.492	
TOTALS	19.86	32.95	21.33	19.62	31.32	27.35	21.74	29.05	21.27	23.43	24.792	

1896 Priory Ch ⁴⁰⁰ 300 yards NW
 1897 Wall 4' 6" high Goff W + S

1880 -

RAINFALL AT *Great Malvern Church Street*

Lat.

Lon.

County of *Worcester*

Symon Rain Gauge, by *Seam, R-1.*

Observer *N.P. Maybury Esq. C.B.*
Worthington Esq. C.B.

Diameter ..	5										
Height	4 0	4 6		1 0							
Altitude ..	353 7			330		350					
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.74	1.55	.71	2.67	2.81	1.21	4.42	1.30	.88	1.10	2.039
February ..	4.35	1.00	1.42	1.91	4.37	1.10	1.93	.98	1.25	.59	1.890
March ....	.92	1.27	1.57	3.34	1.38	4.06	1.27	.86	2.98	3.19	2.084
April	1.15	2.21	2.07	1.89	1.33	3.19	1.36	1.86	3.64	2.44	2.114
May	1.91	.75	1.87	4.48	1.81	.49	2.63	3.05	2.47	1.25	2.071
June	2.29	2.58	2.83	3.67	.63	3.66	3.47	2.70	1.31	4.35	2.749
July	2.14	2.13	1.38	2.92	2.11	.85	1.08	3.43	2.53	3.15	2.172
August	3.00	2.51	3.92	3.63	1.71	6.41	.81	2.44	3.35	2.12	2.990
September ..	1.04	1.61	2.20	3.07	2.53	1.60	.94	.61	2.13	3.51	1.924
October	2.26	1.30	2.49	5.24	.61	1.69	5.61	8.66	1.84	3.69	3.439
November ..	2.02	.72	2.75	1.52	1.35	2.99	3.02	2.31	1.65	.90	1.923
December ..	4.97	3.57	1.71	1.78	1.97	.78	1.78	4.11	2.55	4.00	2.722
TOTALS ..	29.79	21.20	24.92	37.12	22.61	28.03	28.32	32.31	26.58	30.29	28.117

1900 December estimated

1903 May 20th Gauge moved 30 ft N

1904 Jan 4th " " 50 ft N

Prising Church 1/4 mile SW

St. Malvern Station 1/4 " SE 1902

Home 25 ft high 50 yards S

Inspected by C.S. 11.10

Shallow funnel g. in bad condition: poor exposure.

RAINFALL at Malvern Church StreetCounty of WorcestershireObserver W Osborne Thorp Esq C.E.River Basin Severn Right Bank Tributaries 1

Symons Rain Gauge, by _____

Diameter ...	5										
Height	1.0										
Altitude ...	350 ft										
Year ..	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.72	.95	5.19	4.26	.77	3.19	1.27	1.43	2.85	3.91	
February ...	3.64	1.66	2.13	.97	2.09	3.61	4.90	.95	1.23	3.30	
March	1.04	2.28	4.03	4.85	3.23	1.02	4.16	2.78	1.30	4.93	
April	2.37	1.41	.11	3.86	1.54	1.12	1.30	1.17	3.03	2.07	
May	1.76	1.30	2.59	2.92	1.56	3.61	3.33	4.31	1.75	1.34	
June	3.24	2.09	5.19	.78	3.11	1.05	1.77	2.47	1.03	.92	
July	1.92	.31	3.97	.90	4.46	5.60	2.05	2.39	2.84	3.33	
August	6.07	1.50	9.33	2.18	1.68	4.08	3.03	5.84	1.36	2.55	
September ..	.65	1.53	.83	3.57	1.40	.69	1.16	1.88	5.80	2.12	
October ...	3.91	2.13	3.28	4.62	1.87	4.15	4.40	3.40	1.29	2.44	
November ..	4.35	3.02	1.49	3.18	3.13	2.31	2.73	1.00	1.89	1.62	
December ...	5.07	6.66	3.27	1.02	6.03	5.48	2.57	.96	2.59	3.95	
TOTALS ...	36.77	24.84	41.41	33.11	30.87	35.91	32.67	28.58	26.96	32.48	
	D	D	D	D	D	D	D	D	D	D	

1911 New gauge

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52.8. N	2.18. W	Malvern	1/2 m	SE	Prory	1/4 m	W

(Madrasfield Rd) (1927) 20

RAINFALL at Claburn (Chapel Street). General Office

County of WorcesterObserver Edw. Osborne Thorne, CE.River Basin 1 - Severn R.Rain Gauge, by Mo
Symons

Diameter ...	5										
Height	1.0										
Altitude ...	350								202'		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	3.61	3.16	4.20	1.35	3.91	1.94	3.83	3.75	4.52		
February ...	.98	.22	3.31	6.11	.70	3.36	2.36	2.99	2.52		
March	3.37	1.29	2.46	1.95	1.93	.47	.68	2.70	3.06		
April	4.89	1.24	2.61	2.90	3.16	1.95	2.62	1.63	1.25		
May	1.92	1.43	.73	2.16	8.09	3.29	3.97	1.41	1.31		
June	2.91	.63	.91	1.40	2.86	.01	1.51	3.53	2.46		
July	4.84	.55	5.20	3.21	4.68	3.20	2.32	3.22	1.43		
August .....	.79	3.97	2.99	2.17	3.26	2.61	2.88	4.14	2.03		
September...	2.63	1.15	2.66	2.04	5.01	4.12	.55	4.30	0.82		
October	2.66	1.62	.36	5.39	4.72	3.28	2.97	2.08	5.06		
November...	.94	2.10	1.47	1.49	2.83	1.70	6.65	3.45	2.32		
December...	2.74	1.66	4.12	2.85	3.34	2.92	.58	2.55	2.51		
TOTALS...	32.28	19.02	31.02	32.02	44.49	28.84	30.82	35.75	29.11		
	D	D	D	D	D	D	D	D	D		

1920 : Monthly values read to 1/100. Extra 13.10.22

1927 Gauge moved from 1927 Cottage 25' high 100' W

1929 Gauge moved to Barnards Green.

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
from the hall,	52° 8' N.	2° 18' E.	St. Claburn	1/2 m.	S.E.	St. Mary	1/4 m.	W.