

RAINFALL AT *Bishops Castle Castle Street*

Lat.

Lon.

County of

Shropshire

Rain Gauge, by

Observer

*E. Griffiths Esq*Season - *3.*

Diameter....												
Height												
Altitude												
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January									<i>#</i> 2.19	1.60		
February. ...									1.30	2.85		
March.....									1.66	1.55		
April									1.33	2.16		
May									4.93	2.11		
June									3.65	6.26		
July.....									1.10	3.58		
August									6.26	5.38		
September ..									2.15	3.25		
October									4.89	1.19		
November ..									4.28	1.02		
December ..									2.40	1.52		
TOTALS ..									36.14	32.47		

1878 Tree 10ft high 18ft to W of gauge

1879 Tree 25" " 20" " N.E. " "

Tree 12" " 12" " E. " "

Hedge 4" " 12" " E. " "

Bishops Castle church $\frac{1}{2}$ mile S.

RAINFALL AT *Bishop's Castle, Castle Street*

2274
80

Lat. _____

Lon. _____

County of *Shropshire*

Rain Gauge, by _____

Observer *E. Griffiths, Esq.*

Season 3.

Diameter	<i>5"</i>										
Height	<i>4.0</i>		<i>2.10</i>					<i>2.0</i>			
Altitude	<i>750 T</i>				<i>720 B</i>						
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>.52</i>	<i>.76</i>	<i>2.95</i>	<i>4.48</i>	<i>3.75</i>	<i>2.47</i>	<i>4.91</i>	<i>1.99</i>	<i>.91</i>	<i>.87</i>	<i>2.361</i>
February	<i>3.19</i>	<i>4.64</i>	<i>2.89</i>	<i>5.26</i>	<i>4.31</i>	<i>3.72</i>	<i>1.21</i>	<i>.50</i>	<i>1.01</i>	<i>1.76</i>	<i>2.849</i>
March	<i>1.78</i>	<i>2.52</i>	<i>2.43</i>	<i>1.19</i>	<i>3.05</i>	<i>1.08</i>	<i>2.87</i>	<i>1.57</i>	<i>3.00</i>	<i>2.52</i>	<i>2.201</i>
April	<i>1.86</i>	<i>1.20</i>	<i>3.19</i>	<i>1.49</i>	<i>1.08</i>	<i>3.17</i>	<i>1.44</i>	<i>1.37</i>	<i>1.78</i>	<i>6.42</i>	<i>2.300</i>
May	<i>2.84</i>	<i>1.71</i>	<i>2.45</i>	<i>2.00</i>	<i>.98</i>	<i>2.68</i>	<i>8.27</i>	<i>1.59</i>	<i>.90</i>	<i>4.08</i>	<i>2.750</i>
June	<i>4.20</i>	<i>2.95</i>	<i>4.69</i>	<i>2.89</i>	<i>2.06</i>	<i>3.41</i>	<i>1.80</i>	<i>1.64</i>	<i>3.44</i>	<i>.40</i>	<i>2.748</i>
July	<i>5.13</i>	<i>1.30</i>	<i>3.89</i>	<i>2.48</i>	<i>3.18</i>	<i>.42</i>	<i>2.24</i>	<i>1.43</i>	<i>6.24</i>	<i>5.14</i>	<i>3.145</i>
August	<i>1.12</i>	<i>5.09</i>	<i>2.53</i>	<i>1.06</i>	<i>2.30</i>	<i>4.50</i>	<i>1.36</i>	<i>2.40</i>	<i>4.15</i>	<i>3.16</i>	<i>2.767</i>
September	<i>2.74</i>	<i>2.01</i>	<i>2.12</i>	<i>5.09</i>	<i>1.42</i>	<i>3.01</i>	<i>3.00</i>	<i>2.99</i>	<i>.32</i>	<i>1.84</i>	<i>2.454</i>
October	<i>5.36</i>	<i>3.62</i>	<i>5.24</i>	<i>3.27</i>	<i>2.04</i>	<i>5.30</i>	<i>5.30</i>	<i>2.83</i>	<i>1.56</i>	<i>3.48</i>	<i>3.800</i>
November	<i>2.99</i>	<i>3.55</i>	<i>5.32</i>	<i>5.09</i>	<i>1.72</i>	<i>3.68</i>	<i>2.59</i>	<i>2.67</i>	<i>7.15</i>	<i>1.31</i>	<i>3.607</i>
December	<i>4.86</i>	<i>3.78</i>	<i>3.69</i>	<i>1.32</i>	<i>3.29</i>	<i>1.04</i>	<i>4.83</i>	<i>2.90</i>	<i>3.16</i>	<i>2.13</i>	<i>3.100</i>
TOTALS	<i>36.59</i>	<i>33.13</i>	<i>41.39</i>	<i>35.62</i>	<i>29.78</i>	<i>34.48</i>	<i>39.82</i>	<i>23.88</i>	<i>33.62</i>	<i>33.11</i>	<i>34.082</i>

1880 St John's, Bishop's Castle, ½ mile S.

Elder tree 25ft high 20ft NE

" 12ft " 12ft E

1882 G. lowered 14 inches

1889 Gauge moved 1 Decr. 10 yards S

apple tree 20ft high 24ft WNW

Pear tree 25 " 18 " N

RAINFALL AT *Bishops Castle Castle Hill*

Lat. _____

Lon. _____

County of *Shropshire*

Rain Gauge, by _____

Observer *E. Griffiths Esq**Season - 3.*

Diameter	5											
Height	2 0											
Altitude	720 3											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	4.90	2.57	2.25	2.21	2.70	4.79	.78	2.04	.69	4.77	2.770	
February ....	.79	.04	1.48	3.90	2.64	.11	.51	2.17	2.25	3.70	1.759	
March	1.94	1.29	1.06	.62	1.90	1.78	2.79	3.58	.99	1.17	1.712	
April	1.10	2.59	.94	.27	1.86	2.28	1.02	2.39	1.73	2.72	1.690	
May	2.74	3.82	2.26	2.22	3.83	.53	.43	1.14	4.57	1.93	2.347	
June	1.28	2.83	2.13	1.46	1.94	1.24	2.12	2.29	1.31	2.62	1.922	
July	1.74	1.97	1.20	2.62	2.87	2.82	2.17	1.13	1.02	1.18	1.872	
August	3.85	4.97	2.42	1.82	3.47	2.75	1.49	3.34	2.20	1.28	2.769	
September...	.90	2.77	2.89	1.51	1.83	.94	5.12	2.09	.78	2.68	2.151	
October	1.77	6.21	2.34	3.23	3.80	3.35	4.26	1.68	5.81	2.68	2.513	
November...	4.81	3.39	2.17	2.20	3.55	4.44	.98	1.88	2.48	2.38	2.828	
December ...	1.21	4.62	1.58	4.38	2.41	2.52	5.17	4.29	2.43	2.77	3.138	
TOTALS	27.03	37.07	22.72	26.44	32.80	27.55	26.84	28.02	26.26	29.88	28.461	

1890 *P. Johns' Bishops Castle 1/2 a mile S*
In 20 ft high 24 ft W.K.W.

1880 -

RAINFALL AT *Bishop's Castle Castle Street*

Lat.

Lon.

County of *Shropshire**Gnowden* Rain Gauge, byObserver *E. Griffiths Esq**Severn 3.*

Diameter ..	5											
Height	2 0											
Altitude ..	720 B											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	3.68	2.43	1.37	2.79	3.01	.72	4.20	1.41	.96	1.28	2.185	/
February ..	3.96	.87	.92	2.31	4.28	1.19	2.27	1.54	1.48	.82	1.964	
March	1.15	4.19	1.46	3.89	1.39	4.07	1.42	1.15	3.72	2.97	2.541	
April	1.19	2.52	2.37	1.68	1.19	2.57	.95	2.63	2.95	2.27	2.032	
May	2.80	1.26	3.38	3.32	2.64	.81	2.00	2.55	1.89	.81	2.146	
June	3.15	2.67	2.69	1.98	1.05	2.17	1.95	3.39	1.58	3.23	2.385	
July	2.66	4.46	3.53	3.07	3.10	1.56	.52	3.79	2.77	2.29	2.775	/
August	3.82	1.49	4.11	4.10	3.84	4.36	2.08	3.15	3.58	1.67	3.220	
September ..	.77	1.57	1.93	3.53	1.62	1.13	.58	.58	2.16	2.68	1.655	
October	3.31	2.42	2.63	7.26	.66	2.08	4.91	6.00	2.01	4.28	3.556	
November ..	3.06	1.94	2.80	1.72	1.50	2.87	3.64	2.93	1.85	1.04	2.335	/
December ..	4.25	4.89	2.41	2.22	2.49	.47	2.28	3.49	2.65	4.47	2.962	
TOTALS ..	33.80	30.71	29.60	37.87	26.77	24.00	26.80	32.60	27.60	27.81	29.756	/

1903 Bishop's Castle Church $\frac{1}{4}$ mile S.E.

Station 570 yards S.E.

H. G.

RAINFALL at Bishops Cleeve Castle StreetCounty of ShropshireObserver E Griffiths EsqRiver Basin Swan-Rightbank Tributaries 3

Rain Gauge, by _____

Diameter ...	5										
Height	2.0										
Altitude ...	720 B										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.33	.58	3.07	4.15	1.11	3.87	1.37	1.53	2.79	3.42	
February ...	3.13	1.55	1.38	1.57	3.49	5.39	4.44	.99	2.30	2.43	
March .....	.99	1.82	4.27	5.20	2.75	.53	3.73	2.45	1.52	5.12	
April	2.03	1.16	.23	4.74	1.06	1.45	1.46	1.62	1.77	1.89	
May	1.84	.91	1.60	3.69	.99	2.64	3.60	4.00	2.67	.56	
June	2.53	2.49	4.80	1.37	2.20	.87	1.66	2.12	.88	1.03	
July	2.63	1.08	2.47	.68	4.81	4.90	1.20	1.41	3.19	2.69	
August	3.85	1.37	6.24	1.55	3.01	3.31	2.22	5.05	1.35	2.49	
September ..	.50	2.24	.70	2.64	.79	.72	1.74	1.50	5.98	1.82	
October ...	3.90	2.76	3.37	5.80	2.11	3.42	5.73	3.64	1.72	2.63	
November ..	4.95	3.13	1.92	2.66	3.72	2.68	2.68	1.23	2.28	1.70	
December ...	6.99	5.47	3.64	1.42	7.18	6.55	1.94	1.73	3.90	4.54	
TOTALS ...	356.7	245.6	336.9	35.47	33.22	36.33	31.77	27.27	36.35	30.32	318.5
	D	D	D	D	D	D	D	D	D	D	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52.39 40 52.30.0	3.0.0 W	Bishops Cleeve	600 yds	SE	Bishops Cleeve	700 yds	S

RAINFALL at *Bishop's Cleeve (Bottle Street)*.County of *Shropshire*Observer *E. Griffiths, Esq.*River Basin *3 - Severn.**Snowdon* Rain Gauge, by

Diameter ...	5										
Height	2.0									1.0	
Altitude ...	720										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.
January ...	2.80	2.92	4.27	1.43	2.79	2.72	3.86	3.49	5.33	1.50	5.62
February ...	1.78	.29	3.70	7.06	.32	3.93	2.13	2.62	2.44	.93	.83
March	4.05	2.22	2.66	1.42	1.43	1.09	.63	2.95	2.61	.29	3.34
April	5.46	1.19	3.07	1.97	4.03	1.93	2.74	1.96	1.51	.96	3.76
May	2.88	1.54	1.13	2.06	4.55	4.13	2.27	1.13	1.07	2.57	2.17
June	2.40	.58	1.04	.60	2.34	.01	1.65	4.38	3.97	2.28	1.39
July	4.57	1.04	3.75	2.70	5.33	1.89	2.59	2.40	1.41	2.76	4.39
August	1.08	3.16	2.63	2.89	3.21	3.08	2.36	5.40	3.00	1.77	2.88
September...	1.98	.95	2.06	2.17	3.54	3.09	1.43	3.71	1.17	1.89	4.04
October	3.95	1.69	1.24	5.81	3.92	3.53	2.82	2.59	4.60	4.09	4.08
November...	1.15	2.97	1.35	2.08	2.30	3.23	5.92	3.80	4.56	7.94	4.05
December...	3.05	2.53	4.14	2.51	4.24	3.75	.64	2.60	2.70	9.15	4.32
TOTALS.	36.09	21.08	31.04	32.70	38.00	31.36	29.04	37.03	34.37	36.13	40.87
	D	D	D	D	D	D	D	D	D	D	D

1925 Apple tree 30 ft. high 12 yds. W.
 " Plum tree 15 " 6 " E.
 " Wall 8 " 3 " N.

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

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920.	52° 29' 40"	3° 00'	Bishop's Cleeve	1/2 m.	S.	Bishop's Cleeve	1/2 m.	S.E.

RAINFALL at Bishop's Castle (Castle Street) ^{The Mount (Sept 1935)}County of Shropshire Observer E. Griffiths Esq.River Basin Sewern Right Bank - 3 F. Havender Esq.Type of Gauge London 170Annual Average 31.0 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. B.M.N.661574/26 46385 of 35

Diameter	5				5"						
Height	10				2' 6"	1	0				
Altitude	720				735						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.44	4.32	2.49		1.03	3.83	3.95	4.41	4.99	2.84	
February	3.39	2.4	3.96		2.49	2.52	4.44	6.1	1.90	2.38	
March	5.8	3.12			.72	2.25	2.22	.29	1.82	1.59	
April	3.29	3.76			3.81	2.08	1.58	.11	2.07	2.63	
May	5.22	4.81			66	1.12	1.20	2.05	.92	2.02	
June	3.94	.71			2.90	3.35	.64	2.22	1.20	.62	
July	2.95	3.59			.52	4.19	2.31	2.49	6.07	2.86	
August	5.93	1.70			1.06	.49	.89	2.43	1.40	.27	
September	2.74	2.60		#	1.28	3.98	3.50	1.80	1.01	.86	1.39
October	.80	5.55			2.09	3.67	1.77	3.29	3.93	2.67	3.25
November	5.95	2.27			1.65	4.42	4.16	1.36	4.66	5.52	7.32
December	1.18	1.79			4.87	3.30	3.26	2.86	3.43	1.87	1.19
TOTALS	38.41	34.46	#		28.56	32.52	26.24	27.64	31.29	28.36	

33 Unable to continue owing to fog & falling sight.

1931 Mr. F. Havender (Town Clerk) offered to continue Mr. Griffiths record gauge at The Mount within 200 yds of Mr. Griffiths. Back Values

to Sept 1934 rec'd

* Letter in file 46385 of 35 dt. 14.12.35 exp. g. has been moved 10 ft. to more open situation & height of rain is now about 1 ft above ground.

1935. Small stone hills 2' 6" high, 2' away to N.S. & E.

1936 House 30' high 35' W.

Trees 40' - 50' E & N.

Trees 60' - 70' S.

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
1931.			Bishop's castle	1/4 m	S.E.	Bishop's castle	1/2 m.	E.
1935			" station close	1/2 m	S	"	1/2 m	S
1936			Crofton Arms	10 1/2 m	S.E.			

Station No. 2274

RAINFALL at Bishop's Castle (The Mount) 11

41

County of ShropshireObserver J. Lavender Esq.River Basin Severn Right Bank - 3Type of Gauge M.O.Annual Average 34.0 in. based on 35 years obs. un-weighted. Period of average 1881 - 1915 Ref. B. of N

Avg. fr. Castle St not appropriate to the Mount.

File No. 463850/35

Diameter	5"				441	397						
Height	1' 0"					1						
Altitude	735'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	4.16	3.32	5.41	2.20	2.26	2.95	2.28	5.70	1.43	.70		
February	2.67	.56	1.79	1.15	2.03	2.93	2.12	1.64	1.17	4.71		
March	2.33	2.25	.75	.49	.79	.77	6.46	1.40	1.56	.84		
April	1.14	1.66	1.28	1.10	1.41	1.49	2.32	2.19	2.28	2.42		
May	2.45	4.07	3.04	1.46	2.86	1.95	2.64	2.14	2.34	1.09		
June	1.72	.72	1.69	1.35	2.57	2.26	1.38	2.66	.72	1.28		
July	2.06	2.02	1.37	1.17	2.89	1.68	2.89	1.42	1.48	2.82		
August	3.76	2.30	1.92	1.88	3.80	4.84	.38	3.21	1.14	3.93		
September	1.08	1.80	2.94	3.15	2.24	3.90	1.47	2.71	1.75	4.39		
October	2.37	1.55	4.39	4.19	3.95	1.01	.38	2.15	4.00	1.52		
November	2.96	.91	2.11	3.89	.41	4.83	2.45	1.79	3.30	4.01		
December	1.50	3.16	1.44	2.14	3.61	2.78	2.94	5.74	2.77	1.98		
TOTALS	28.12	24.32	28.13	24.17	28.82	31.39	27.71	32.75	23.94	29.69		

1950. n.p. low.

16 Print with footnote "gauge overshaken"

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.

BRITISH RAINFALL ORGANIZATION

Station No. *2274*RAINFALL at *Bishop's Castle (216 Mount)*

51

County of *Shropshire* Observer *F. Lavender Esq.*River Basin *Loeven - Right Bank - 3*Type of Gauge *M.O.*Annual Average *in.* based on *years obs.* un-weighted. Period of average *Ref.*File No. *4.6.28.50/35*

Diameter ...	5"				44	397					
Height ...	1' 0"					1					
Altitude ...	435'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.50	2.47	65	2.50	2.09	3.88	1.52	1.96	3.69	3.65	
February ...	3.12	.93	1.57	2.58	1.43	.28	2.18	3.86	.17	3.41	
March ...	4.05	1.11	1.75	1.79	3.21	1.23	1.69	.98	1.83	1.78	
April ...	2.08	1.88	2.51	.44	1.20	2.10	.12	.43	3.04	1.49	
May ...	2.72	2.17	1.87	2.73	3.88	.54	1.59	2.14	1.55	1.46	
June ...	.81	2.11	2.15	3.15	3.77	1.68	2.22	4.02	1.65	1.96	
July ...	1.17	1.13	2.86	2.05	.79	3.13	3.64	3.61	2.27	2.70	
August ...	3.35	4.63	3.34	3.96	1.09	3.25	6.45	1.73	1.35	3.82	
September ...	2.13	2.51	2.90	2.12	1.06	3.32	5.02	5.48	.01	3.90	
October ...	.90	4.23	2.89	3.19	1.88	1.74	1.69	2.87	3.33	8.36	
November ...	6.34	3.15	2.05	6.93	2.51	1.34	2.67	2.19	3.20	5.02	
December ...	2.29	3.14	1.02	2.22	2.99	2.60	2.17	2.62	4.55	3.76	
TOTALS ...	31.46	27.46	25.86	33.66	25.90	25.09	30.96	32.34	26.64	41.31	
	<i>np</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>np</i>	<i>D</i>	

1951 n.p. low

1952 Print

1956 Overshattered, but print.

1957 Print with footnote - Gauge overshattered.

1958 "

1959 "

1959 1p low

W. P. M. L. for the Gauge overshattered

Position of Station on Ordnance One-Inch map : No. of Map *50(32) 324892* National Grid Reference

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	31, 32, 35-40, p. 35	✓ n.p. 50	