

RAINFALL AT Bishops Castle (Welsh Street) **70**

Lat.....

Lon.....

County of Salop

.....

.....

.....

Rain Gauge, by.....

Observer.....

E. Griffiths Esq.

Seven - 3.

Diameter.....					.5		.5			
Height.....					1·3		1·3			
Altitude.....					740	700				
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	MEANS.
January.....					2·43	4·15	1·51	5·79		
February.....					2·92	2·36	3·24	3·00		
March.....					# 7 ¹ 3·45	1·84	1·19	3·89	2·54	
April.....					1·40	1·20	1·67	2·77	2·21	
May.....					1·72	2·16	2·69	·55	3·03	
June.....					1·48	·33	3·14	1·37	1·87	
July.....					2·89	1·14	5·24	1·75	3·29	
August.....					3·76	3·64	3·04	2·83	4·44	
September.....					1·97	4·99	3·28	5·03	3·06	
October.....					3·98	3·40	6·89	3·74	3·64	
November.....					2·60	3·48	4·51	4·19	4·44	
December.....					1·26	3·64	1·82	6·70	2·20	
TOTALS.....					30·67	39·48	37·57	39·51		

#

1878 Gauge moved to Castle street

RAINFALL AT *Bishops Castle Castle*

Lat.

Long.

County of *Shropshire*

Rain Gauge, by

Observer *E. Griffiths Esq*

Severn 3.

Diameter										5
Height										4 4.6
Altitude										750
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	MEANS.
January										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 ± mile S.

2274

RAINFALL AT *Bishops Castle, Castle Street*

80

Lat. _____ Lon. _____ County of *Shropshire*
 Rain Gauge, by _____ Observer *E. Griffiths, Esq.*

Season - 3.

Diameter	5"										
Height	4.0 2.10										
Altitude	750 ft 720.8										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January02	.76	2.95	4.48	3.75	2.47	4.91	1.99	.91	.87	2.361
February	3.19	4.64	2.89	5.26	4.31	3.72	1.21	.50	1.01	1.76	2.849
March	1.78	2.52	2.43	1.19	3.05	1.08	2.87	1.57	3.00	2.52	2.201
April	1.86	1.20	3.19	1.49	1.08	3.17	1.44	1.37	1.78	6.42	2.300
May	2.84	1.71	2.45	2.00	.98	2.68	8.27	1.59	.90	4.08	2.750
June	4.20	2.95	4.69	2.89	2.06	3.41	1.80	1.64	3.44	.40	2.748
July	5.13	1.30	3.89	2.48	3.18	4.42	2.24	1.43	6.24	5.14	3.145
August	1.12	5.09	2.53	1.06	2.30	4.50	1.36	2.40	4.15	3.16	2.767
September	2.74	2.01	2.12	5.09	1.42	3.01	3.00	2.99	.32	1.84	2.454
October	5.86	3.62	5.24	3.27	2.04	5.30	5.30	2.83	1.56	3.48	3.800
November	2.99	3.55	5.82	5.09	1.72	3.68	2.59	2.67	7.15	1.31	3.607
December	4.86	3.78	3.69	1.32	3.29	1.04	4.83	2.90	3.16	2.13	3.100
TOTALS	36.59	33.13	41.39	35.62	29.18	34.48	39.82	23.88	33.62	33.11	34.082

1880 St John's, Bishops Castle, $\frac{1}{2}$ 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 Bishop's Castle Castle Head

Lat.

Len.

County of Shropshire

Rain Gauge, by

Observer

E Griffiths Esq

Seven - 3.

Diameter	5										
Height	20										
Altitude	7203										
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
February79	.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	2.341
June	1.28	2.83	2.13	1.46	1.94	1.24	2.12	2.29	1.81	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
September90	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	3.513
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	2.138
TOTALS	27.03	37.07	22.72	26.44	32.80	27.55	26.84	28.02	26.26	29.88	28.461

1890 St John's Bishop's Castle 1/2 a mile S

In 20 ft high 24 ft W.N.W.

1890-

RAINFALL AT Bishop's Castle Castle Street

Lat.

Lon.

County of Shropshire

Snowdon Rain Gauge, by

Observer E Griffiths Esq

Seven - 3.

Diameter ..	5											
Height ..	20											
Altitude ..	720	5										
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	2185	1
February ..	3.96	.87	.92	2.31	4.28	1.19	2.27	1.54	1.48	.82	1964	
March ..	1.15	4.19	1.46	3.89	1.39	4.07	1.42	1.15	3.72	2.97	2541	
April ..	1.19	2.52	2.37	1.68	1.19	2.57	.95	2.63	2.95	2.27	2032	
May ..	2.80	1.26	3.38	3.32	2.64	.81	2.00	2.55	1.89	.81	2146	
June ..	3.15	2.67	2.69	1.98	1.05	2.17	1.95	3.39	1.58	3.23	2395	1
July ..	2.66	4.46	3.63	3.07	3.10	1.56	.52	3.79	2.77	2.29	2775	1
August ..	3.82	1.49	4.11	4.10	3.84	4.36	2.08	3.15	3.58	1.67	3220	
September ..	.77	1.57	1.93	3.53	1.62	1.13	.58	.58	2.16	2.68	1655	
October ..	3.31	2.42	2.63	7.26	.66	2.08	4.91	6.00	2.01	4.28	3556	
November ..	3.06	1.94	2.80	1.72	1.50	2.87	3.64	2.93	1.85	1.04	2335	1
December ..	4.25	4.89	2.41	2.22	2.49	.47	2.28	3.49	2.65	4.47	2962	
TOTALS ..	33.80	30.71	29.60	37.57	26.77	24.00	26.80	32.60	27.60	27.81	29.756	

1903 Bishop's Castle Church 1/4 mile S.E.

Station 570 yards S.E.

RAINFALL at Bishops Castle Castle StreetCounty of ShropshireObserver E Griffiths EsqRiver Basin Severn - Right Bank 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	2.80	2.43	
March99	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 ...	3567	2456	3369	3547	33.22	26.33	31.77	27.27	30.35	30.32	31865
	D	D	D	D	D	D	D	D	D	D	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52°29' N. 52.30.0	3.0.0 W	Bishops Castle	600 jds ⁵⁰⁰	SE	Bishops Castle	700 jds	S

RAINFALL at Bishop's Castle (Castle Street).

County of Shropshire

Observer E. Griffiths, Esq.

River Basin S - 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	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	2.29	3.70	2.06	3.2	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	1.17	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	2.99	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	6.81	3.92	3.53	2.82	2.59	4.80	4.09	4.08
November...	1.15	2.97	1.35	2.08	2.30	2.23	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
	0	0	0	0	0	0	0	0	0	0	0

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 } No. of Map _____

Reference No. _____

Date.	Lat. N.	Longer	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920.	52° 40' N	3° 0' E	Bishop's Castle	5 m.	S.	Bishop's Castle	5 m.	S.E.

M 2874

31

RAINFALL at Bishop's Castle (Castle Street)

County of Shropshire Observer E. Griffiths Esq.

River Basin Severn: Right Bank 3 F. Laverdon Esq.

Type of Gauge Standard 7.0

Annual Average 31.0 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. B.G.N.

6657426 46885035

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	2.24	3.96		2.49	2.52	4.14	4.61	4.90	2.38		
March	5.8	3.12			7.2	2.25	2.22	2.29	1.82	1.59		
April	3.29	3.76			3.81	2.08	1.68	1.11	2.07	2.63		
May	5.22	4.81			6.6	1.12	1.20	2.05	.92	2.02		
June	3.94	7.1			2.90	3.35	6.4	2.22	1.20	.62		
July	2.95	3.59			5.2	4.19	2.31	2.49	6.07	2.86		
August	5.93	1.70			1.06	1.49	.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	8.0	5.35			2.09	3.67	1.77	3.29	3.93	2.67	3.25	
November	5.95	2.21			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	28.30	
	D	D				n/p	3	2	2	D	D	

83 Measurable to continue owing to age & failing sight.

1930 Mr. F. Laverdon (Town Clerk) offered to continue Mr. Griffiths record gauge at The Mount without 200 yds of Mr. Griffiths Back Valves to Sept 1934 rec'd.

Letter in file 463850/35 d/c 4.12.35 says f. has now been moved 10 ft. 6 more open situation & height of rim at new about 1 ft. above ground.

1935 Small stone kiln 2' 6" high, 2' away to N.E.

1936 House 30 high 35' N.

Trees 40' - 50' E.W.

Trees 60' - 70' S.

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	Parish Church.	Distance from gauge	Direction
1931.			Bishop's Castle	4 m	S.E.	Bishop's Castle	2 m	E.
1935			" station do."	1/2 m	S	"	1/2 m	S
1936			Crown Arms	10 1/2 m	S.E.			

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No.

2274

RAINFALL at Bishop's Castle (The Mount) //

41

County of Shropshire

Observer

J. Lavender Esq.River Basin Severn Right Bank - 3Type of Gauge M. S.Annual Average 310 in. based on 35 years obs. un-weighted. Period of average 1881 - 1915 Ref. B of N

As. for Castle St not appropriate to the mount.

File No. 463850/35

Diameter	<u>5"</u>				<u>441</u>	<u>397</u>				
Height	<u>1' 0"</u>					<u>1</u>				
Altitude	<u>735'</u>					<u>41</u>				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
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	1.62	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	2.41	1.75	4.39
October	2.37	1.55	4.39	4.19	3.95	1.01	.38	2.16	4.00	1.52
November	2.96	.91	2.11	3.89	.41	4.83	2.45	1.79	3.30	4.01
December	1.60	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	38.75	23.94	29.69

90 72 91 73 92 74 101 89 105

1950. n.p. loco.

||(Print with footnote "gauge overshelved")

Position of Station on reduced Ordnance Survey Map, | No. of Map Reference No.

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

Station No. 2274

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RAINFALL at Bishop's Castle (The Mount)

County of Shropshire Observer F. Lavender Esq.

River Basin Severn - Right Bank - 3

Type of Gauge M.O.

Annual Average..... in. based on..... years obs. un-weighted. Period of average..... Ref.....

File No. 463850/35

Diameter	5"			441	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	.64	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	3.82	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	29.46	25.56	33.66	25.90	25.09	30.96	32.34	26.64	41.31	
	NP	D	D	D	d	D	D	D	NP	d	

1951 n.Plow + D rainfall in unit of 50.

1952 Print

1956. Oversheltered, but print.

1957 Print with footnote - Gauge oversheltered.

1958 "

1959 np low

Print will footnote gauge oversheltered

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 5932324892

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance 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, 35-46, p. 35 ✓ last - 22	✓ r.p. 50	