

RAINFALL at

Bitterley Rectory

County of

Shropshire

Rev. Paul
Observer

J. R. Burton

River Basin

Severn: Right Bank Tributaries 3

Rain Gauge, by

N 43

Diameter ...		5									
Height		1 3									
Altitude ...		509									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...			4.03	3.53	1.02	2.95	1.04	1.90	2.11	3.01	
February ...			1.60	1.51	2.72	4.28	5.04	1.10	1.56	2.63	
March			4.67	5.34	2.76	.56	4.04	2.40	1.75	5.01	
April11	3.74	1.00	1.50	.97	1.61	2.61	1.79	
May			2.33	2.29	1.26	3.31	2.91	3.67	2.38	1.00	
June			4.39	.97	2.24	.82	1.24	3.29	1.28	.96	
July			3.06	.86	3.18	5.89	2.41	2.50	3.08	2.33	
August			6.78	1.94	2.61	3.51	2.81	6.94	1.47	2.87	
September ..			.88	2.05	.94	1.24	1.16	1.64	6.07	1.84	
October ...			2.87	5.35	2.69	3.58	3.89	2.93	1.23	2.29	
November ...		2.98	2.09	2.91	4.01	2.67	2.66	1.13	1.57	.79	
December ...		6.52	3.75	1.11	7.37	5.72	2.39	1.23	2.89	3.16	
TOTALS ...			36.56	31.60	31.80	36.03	30.56	30.34	29.30	27.68	

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52 23 40	2 38 00	Ludlow	4 m	S W	Bitterley	1000 yds	N E

RAINFALL at Bitterley RectoryCounty of ShropshireObserver Ras: Prob: J. R. BurtonRiver Basin 3 - Severn.Snowdon Rain Gauge, by N.A.G.

Diameter ...	5										
Height	16										
Altitude ...	589										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 March.
January ...	3.07	2.57	3.12	1.22	2.60	3.00	3.21	3.67	4.25	.97	3.96
February97	.37	3.29	4.66	.33	3.87	2.36	2.80	2.06	.27	.67
March	2.49	1.64	3.38	1.30	1.01	.87	.41	3.18	2.03	.08	2.47
April	4.17	1.45	2.32	2.36	2.90	1.84	2.29	1.74	1.25	1.06	2.86
May	2.11	.97	.74	1.12	6.48	3.43	3.09	1.32	1.22	2.19	2.00
June	2.70	.37	.88	.38	2.40	.11	1.73	4.41	5.58	2.69	1.16
July	4.31	.53	3.51	3.04	4.31	2.47	2.27	2.36	1.20	2.09	3.02
August	1.26	4.01	2.13	2.05	3.06	1.93	1.85	4.79	3.17	1.47	2.43
September...	2.16	.86	2.01	1.31	4.59	3.78	1.14	4.56	1.21	.76	2.80
October	2.45	2.01	.69	3.77	4.28	3.90	3.07	2.44	5.00	4.19	2.19
November...	0.80	2.21	1.40	1.29	2.11	2.12	6.84	3.97	5.84	5.25	2.11
December...	2.48	1.75	2.77	2.89	4.64	3.22	.71	2.09	2.25	5.11	2.44
TOTALS	28.97	18.74	26.24	23.39	38.71	30.54	28.97	37.33	30.86	26.13	28.11

1927. Holly Tree & Summer House 10 ft. high 12 ft. E.

1930. N.E. Low. 8-10 ins. on year.

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
from gauge: stat. 522' 40" 2380"			Ludlow	4 m.	S.W.	Bitterley	1000 yds.	N.E.

RAINFALL at Bitterley Rectory 1932. Bitterley Grammar SchoolCounty of Salop.Observer 1931 Rev. Rev. J. P. BuxtonRiver Basin 3-Severn-Right Bank.1932 The Headmaster.Type of Gauge SnowdonAnnual Average 28.1 in. based on 12 years obs. ~~un~~-weighted. Period of average 1851-1915 Ref. S.

926443/29.

Diameter	5"	5"									
Height	1' 6"	1' 0"									
Altitude	509'	509'									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.15	1.70	2.06	3.42	1.13	4.53	4.20	3.10	5.91	3.78	
February	1.79	.18	3.45	.41	2.56	2.67	5.49	.71	1.20	3.08	
March	.26	2.05	2.63	2.35	.91	2.73	3.00	.27	1.38	1.71	
April	2.94	3.99	1.13	4.57	5.02	2.50	2.23	1.26	1.56	3.23	
May	4.27	5.78	1.19	1.63	.93	1.03	2.40	2.35	1.66	2.94	
June	3.37	.99	2.74	1.09	3.10	3.74	.65	1.70	1.68	.91	
July	3.83	3.06	2.12	1.23	.59	4.86	1.84	3.09	5.24	2.66	
August	4.65	2.74	1.67	4.41	1.40	.57	.53	4.49	1.84	.16	
September	1.89	2.73	1.41	2.11	4.74	3.20	3.99	1.82	1.14	1.09	
October	.66	4.37	5.88	2.38	3.32	1.92	1.47	3.45	3.45	3.77	
November	3.65	1.72	.98	2.56	6.01	3.32	1.68	4.33	5.47	6.71	
December	.65	1.74	.57	5.68	3.27	4.26	2.59	3.38	2.38	1.38	
TOTALS	29.11	31.05	26.13	31.84	32.98	35.33	30.07	29.95	32.91	31.30	

1932. Gauge taken over by Grammar School. from 1/1/32. Continuation Record 60 yards NW.
 altitude remains the same.

1931 Holly tree (green) 20' high 30' N.E. N/p. low.
 1934 Apple tree 7' high 25' N. House & school 36' high 100' N
 1940. Apple tree 6' high 35' N.

1937 Set 100V robin across with head 36.

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
1931.			Ludlow	4 1/2 m.	S.	Bitterley	100 yds.	E.

Station No.

2264/5

RAINFALL at Bitterley Grammar School

41

County of Salop

Observer

The HeadmasterRiver Basin 3 - Severn Right BankType of Gauge SnowdonAnnual Average 28.1 in. based on years obs. un-weighted. Period of average

Ref

File No.

926443/29

Diameter	5'										
Height	1'0"										
Altitude	509'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.24	3.45									
February	3.15	.81									
March	2.95	1.91									
April	1.72	1.93									
May	2.94	4.36									
June	2.05	.47									
July	3.46	1.38									
August	2.77	1.91									
September	1.14	1.68									
October	2.03	1.74									
November	2.74	.69									
December	1.61	3.92									
TOTALS	29.80 d	24.25 d	NR	NR							

1941. Small tree 6' high 35' N. 1943 No RECORD

Jan. 23 Feb. adj. for snow.

1942 Apple tree 6' high 25' S. Station terminated gauge worn out.

1910-19	1920-30	1931-40	1941-50
Comp 1911	✓	✓	41, 42
✓	✓	✓ Ltd 3940	✓

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

No. of Map 31

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Tudlow	4 m.	S.W.	Bitterley	1000 y.	N.E.

BRITISH RAINFALL ORGANIZATION