

RAINFALL AT

Rugby Bilton Gauge

Lat.

Lon.

County of

Warwick

Symond Broomden Rain Gauge, by

Observer

F. L. Sutton Esq.
W. H. G. Southcomb Esq.

Upper Avon - 1.

Diameter ..		5									
Height		10									
Altitude ..		490		400							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.12	.56	.79	1.67	2.13	.83	3.81	.87	.74	1.10	1562
February ..	3.88	.98	1.06	1.00	2.94	.51	2.19	1.10	.82	.51	1499
March ....	.40	1.58	1.20	3.02	1.50	2.31	1.25	1.00	2.58	2.39	1723
April .....	.61	2.18	1.09	1.56	.74	1.22	.33	2.06	4.03	1.21	1503
May	1.56	1.03	1.91	2.70	1.63	.23	1.94	4.23	1.84	1.49	1856
June	3.79	2.97	2.60	2.21	.59	2.87	3.51	1.83	1.05	3.15	2457
July .....	.72	4.14	1.40	3.57	2.95	.50	.66	2.35	1.95	2.54	2078
August	2.87	1.51	3.21	3.34	2.33	3.30	.93	3.23	3.42	1.69	2583
September..	.56	1.20	.93	1.79	1.79	1.59	1.34	.75	1.98	2.50	1443
October....	1.99	.85	1.58	5.15	.64	.98	4.49	4.63	1.18	2.40	2389
November..	2.12	.59	1.25	1.48	1.11	1.96	2.75	1.66	.87	.51	1430
December..	4.10	3.75	1.11	.85	1.34	.96	1.94	2.95	1.45	3.13	2158
TOTALS ..	25.72	21.34	18.13	28.34	19.69	17.26	25.14	26.66	21.91	22.62	22.681

1900 Dunchurch Church 800 yards S.S.W.
Rugby Station 3/4 miles N.N.E.
apple trees 25 yards S + S.W.
1909 ? short

H. B. annual values rejected from Survey, 1929.

RAINFALL at Rugby Bilton GrangeCounty of WarwickshireObserver W. H. L. Southcomb EsqRiver Basin Sepren - Upper Avon 1Synonims Swinden Rain Gauge, by

Diameter ...	5										
Height	1	0									
Altitude ...	400										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.00	.85	3.11	3.67	1.10	2.35	1.15	1.73		2.79	
February ...	2.04	1.37	1.46	.80	1.37	2.55	3.19	1.19		2.31	
March .....	.63	1.84	2.89	3.31	2.59	.88	3.60	1.05		3.34	
April	1.41	.83	.15	2.58	.90	.81	.79	1.42		1.43	
May	1.86	1.16	2.34	1.00	1.22	1.65	1.39	1.90		.96	
June	1.88	1.44	3.75	.72	2.35	2.16	1.61	2.70		.63	
July	2.21	.41	3.40	.72	2.05	3.67	1.21	1.37		2.96	
August	2.96	1.78	5.87	.45	1.37	2.29	2.99	3.10		1.92	
September ..	.44	1.20	.93	1.46	.64	1.50	.75	1.41		2.03	
October ...	2.80	1.73	2.15	3.17	2.10	1.60	2.20	2.80		2.02	
November ...	3.63	2.23	1.57	2.45	2.25	2.07	2.87	.89		1.37	
December ...	4.19	3.33	2.82	.90	5.14	3.78	2.18	.86		3.20	
TOTALS ...	26.05	18.17	30.44	21.21	23.08	25.31	23.93	20.42	11.11 20.46	24.96	
	2	2	2	2	2	2	2	2	2	2	

1912 April) moved 120 yds S.W.
 from base 6 ft high 7-12-12 yds W. S.W. S.

1918 recd. ~~copy~~ File 1122
 1920

N.B. annual values rejected from Survey, 1929.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Rugby	3/4 m	N	Dunchurch	1/2 m	S.W.

RAINFALL at Rugby, Bilton LoughCounty of Warwick Observer H. J. S. BuckleyRiver Basin Severn Upper Area - 1 for Rev. G. T. Clark

Rain Gauge, by

(New Gauge)

Diameter												5
Height												10
Altitude												400
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January												2.52
February .....												.47
March												1.76
April												1.36
May												3.08
June												1.35
July												4.21
August												1.91
September												3.80
October												1.87
November												2.88
December												2.63
TOTALS												27.84

New Gauge fixed Jan. 1930.
 1930. Laurel Trees 25' high, 40' h.E. & 40'.

Position of Station on reduced Ordnance Survey
 Map, 2 miles 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
1930.			Rugby (S.M.S.)	4 m.	N.	Dunchurch	3 1/4 m.	S.W.

RAINFALL at *Rugby (Bilton Grange)*County of *Warwick*Observer *W. G. Southcomb, Esq.*River Basin *1 - Upper Avon**J. S. Buckley*
for Rev G. Earle*Symon Bowden* Rain Gauge, by(1929) *Glaisner*

(Old Gauge)

Diameter ...	5										
Height	1.0										
Altitude ...	400										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	1.87	1.87	2.54	1.39	2.15	1.36	2.73	2.01	3.27	1.10	
February ...	.76	.19	2.19	3.04	.42	2.06	2.49	2.63	1.61	.34	
March	1.93	.97	1.27	1.31	.54	.52	.44	1.45	1.76	.11	
April	4.02	1.12	1.83	1.69	3.07	1.60	2.18	1.44	1.18	1.17	
May	1.74	1.74	.76	1.06	3.91	2.25	2.68	.70	.86	1.49	
June	3.31	.29	.69	.32	1.46	.02	1.36	3.08	2.47	1.09	
July	3.00	.34	4.29	2.64	2.47	3.01	1.78	2.43	1.43	2.06	
August	1.81	2.75	4.03	1.83	2.02	2.10	1.73	3.07	2.09	1.45	
September...	2.52	.87	1.89	2.61	2.83	3.00	1.84	4.11	.60	1.17	
October	1.56	1.20	.49	3.25	3.15	2.95	1.89	1.45	3.43	2.50	
November...	.85	1.77	1.22	1.88	2.18	1.20	3.83	2.34	2.59	5.64	
December...	1.83	1.60	3.07	2.30	1.95	2.01	.49	2.15	2.02	4.17	
TOTALS...	24.72	14.71	24.29	23.32	26.15	22.08	23.14	26.86	23.31	22.29	26.33.
	0	0	0	0	0	0	0	0	0	0	

1920. 3 ^{inches} 9 ^{inches} 16 ^{inches} 4 ^{inches} 8 ^{inches}
 9 ^{inches} 9 ^{inches} 5 ^{inches} 5 ^{inches} 5 ^{inches}

1929 Prospected 21 Nov. by J.S. Gauge overexposed
 New sets selected. See Green File.

1930. Monthly totals asked for. (J. 946016/29)

Gave 77. As then was gauge in 1931 and therefore had not
 requiring. 1931 return in file

N.B. Annual values rejected from Survey, 1929.

Position of Station on reduced Ordnance Survey
 Map, 2 miles 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
1920.			Rugby	2 1/2 m.	N.	Dunchurch.	3 m.	S.W.
1929			Dunchurch	2 mi	S.W.			

RAINFALL at Rugby (Bilton Grange) newly (1930)County of WarwickshireObserver M. J. S. BuckleyRiver Basin Severn - Upper OuseMr. L. W. BassType of Gauge Standard

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

946016/29

Diameter	5		5						5"		
Height	1 0		2 0	1 0.					1' 0"		
Altitude	400										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Total
January	1.57	1.34	1.42	1.85	.79	2.29	2.75	2.83	4.84	3.24	22.94
February	2.58	.30	3.51	.59	2.10	2.22	3.02	.77	.94	2.31	18.36
March .....	.08	1.32	2.62	1.35	.35	2.27	2.75	.28	1.47	2.08	14.57
April	3.75	3.73	1.11	2.08	3.29	1.99	3.44	.04	1.69	1.95	23.07
May	3.15	5.59	1.54	.81	1.39	.97	3.25	1.47	1.34	2.34	21.85
June	2.63	.61	2.55	.98	4.27	3.87	1.36	1.19	1.94	.45	19.85
July	2.95	2.88	1.71	4.76	.65	3.74	2.61	2.52	4.48	2.86	31.16
August	3.88	2.06	0.67	1.77	1.16	.51	1.37	3.97	4.79	.09	20.27
September	2.80	3.39	1.64	1.96	3.67	2.30	1.47	2.07	.54	.85	20.69
October .....	.59	3.16	2.49	1.50	3.48	1.46	2.87	2.72	5.63	3.11	27.01
November	2.49	1.97	1.14	1.68	4.72	2.33	1.53	2.32	3.44	5.63	27.25
December .....	.93	.52	0.28	4.31	3.04	2.15	2.11	3.09	1.22	1.44	19.09
TOTALS	27.40	26.87	20.68	23.64	28.91	28.10	23.53	23.27	32.24	26.36	266.11
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

1934. Fruit trees 4' high 16' S. S.W.

Gauge moved May 20. 150 yds. S.W.

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.			Blenchworth	1 1/2 m	S. W.	Blenchworth	3/4 m	S.
1937				2 m	SW		1/2 m	S.

Station No. 2461RAINFALL at Rugby (Bilton Grange)

41

County of Warwickshire Observer Mr L.S. BassRiver Basin Severn Upper Avon 1Type of Gauge Snowdon

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

File No. 946016/29

Diameter	5"						4.50	4.25			
Height	1' 0"	2' 6"		1' 0"		2' 6"		1'		1' 0"	
Altitude	400'							41			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals
January	3.15	2.33	3.90	1.86	1.74	1.75	1.74	4.34	.87	.49	22.17
February	2.16	.81	1.30	1.29	2.00	1.86	1.43	1.06	.69	4.05	16.65
March	2.53	1.63	.80	.32	.77	.98	5.04	.67	1.51	1.22	15.47
April	1.26	.91	.76	1.76	.87	2.03	1.77	1.39	2.25	1.64	14.64
May	1.82	3.01	3.03	.94	3.02	2.00	1.23	3.49	2.60	2.10	23.24
June	2.06	.25	3.48	2.29	2.95	2.39	1.17	2.00	.26	2.42	19.26
July	4.06	1.70	.92	2.16	2.09	1.83	2.29	1.84	.91	2.50	20.29
August	4.02	2.28	1.60	2.55	2.83	4.22	.24	4.28	1.04	2.00	25.06
September	.31	.97	1.48	3.12	1.45	3.36	1.48	3.44	2.37	3.75	21.73
October	2.56	2.80	2.19	2.61	3.83	.88	.22	2.42	6.54	.51	24.58
November	2.46	2.26	1.41	3.76	.24	5.05	1.57	1.52	2.58	3.67	24.91
December	1.29	2.11	.79	1.11	2.70	2.40	1.98	1.99	1.38	1.30	17.05
TOTALS	28.07	21.06	21.66	23.77	24.49	28.75	20.16	28.44	23.00	25.65	245.05

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.
1941			Dunchurch	2 m.	S.W.	Dunchurch	1/2 m.	S.

Station No. 2461

RAINFALL at RUGBY (BUTON GRANGE)

51

County of WARWICKSHIRE

Observer MR. L. W. BASS,

River Basin SEVERN - UPPER AON-1

Type of Gauge SNOWDON

Annual Average 24.35 in. based on 20 years obs. un-weighted. Period of average 1881 - 1915 Ref. 1. W. S.
 " " 25.64 " - 21 " (within) 1935-56 1916 - 1950 File No. 946016/29 S

Diameter ...	5"				450	425						
Height ...	11.6"					1						
Altitude ...	400'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals	
January ...	2.48	1.79	1.18	1.01	1.93	3.38	1.21	3.15	4.13	3.85	24.11	
February ...	2.96	.69	1.23	2.53	1.51	.84	3.20	3.26	.07	1.84	18.19	
March ...	3.56	2.32	.95	2.14	2.18	.98	2.01	1.63	2.37	1.27	19.41	
April ...	2.81	1.75	1.66	.44	1.02	.59	.19	1.00	2.47	0.51	12.44	
May ...	2.99	2.36	1.39	2.16	4.71	.46	1.38	2.03	.43	1.45	19.42	
June ...	1.51	2.17	1.72	2.33	2.35	2.80	1.49	4.99	.72	4.06	24.14	
July ...	.93	.38	2.88	3.22	.16	2.51	2.91	3.57	.88	3.12	20.56
August ...	6.29	2.44	2.94	3.52	.88	4.39	2.36	2.75	1.47	4.01	31.09	
September ...	1.53	1.47	1.57	2.21	1.58	1.99	4.70	2.63	12	4.22	22.02	
October ...	.82	3.08	2.52	2.95	1.48	1.86	1.28	2.47	2.18	4.61	23.25
November ...	4.66	2.26	1.24	4.74	1.07	.83	1.76	2.00	2.04	3.08	23.68	
December ...	1.60	2.53	.94	1.77	1.82	2.65	2.13	2.44	3.26	2.87	22.61	
TOTALS ...	32.14 D	23.24 D	20.22 D	29.02 D	20.81 D	23.28 D	24.62 D	31.96 D	20.74 D	34.89 D	260.92	

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference ^{SP} 42/493744

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1951			Bunchurch	2m	S. W.	Bunchurch	1/2 m.	S.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		c1930	✓	✓	✓
		✓	✓	✓	