

# RAINFALL AT Bridgewater Blake Gardens

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of S. SomersetRain Gauge, by Nt3Observer F. Parrett Esq. C.E.Parrett - 3.

Diameter ...										5	
Height .....										3 1	
Altitude ...										27 <sup>ft</sup>	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...										1.34	
February ...										.45	
March .....										2.85	
April .....										1.81	
May .....										.88	
June .....										2.41	
July .....										1.48	
August .....										2.03	
September ..										2.26	
October ...										3.50	
November ..										.94	
December ...										4.30	
TOTALS ...										24.25	

Bridgewater Station  
Greenhome 12 ft high 30 ft N

RAINFALL at Bridgewater Blake GardensCounty of SomersetObserver F. Pann Esq. C.E.River Basin Parrett 3Rain Gauge, by N<sup>o</sup> 3

Diameter ...	5											
Height .....	3 1											
Altitude ...	27 $\pi$											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS
January ...	3.63	.75	3.95	5.52	.64	2.70	1.24	.62	4.06	5.48		18.19
February ...	3.97	1.80	2.50	.78	2.67	4.05	5.48	1.06	1.23	3.34		11.11
March .....	.39	1.98	4.11	3.60	4.47	.94	8.63	3.36	.95	4.40		12.34
April .....	2.57	1.68	.27	2.46	1.29	.75	.81	1.51	2.07	1.77		6.16
May .....	2.03	1.56	3.02	2.53	1.05	2.71	3.59	2.30	1.63	.43		7.95
June .....	3.13	1.80	4.11	.78	2.33	1.61	2.06	6.00	1.13	1.12		10.31
July .....	2.51	.58	2.80	.41	4.00	2.80	.96	2.73	4.80	2.91		11.40
August .....	4.79	1.31	6.22	1.95	2.41	1.67	3.71	5.63	2.49	3.27		15.10
September ..	.27	1.16	.94	2.51	2.09	1.24	2.35	1.75	5.56	1.35		11.01
October ...	5.88	2.96	4.13	3.67	2.96	4.57	4.77	3.70	1.95	3.02		13.44
November ..	3.15	3.02	2.41	3.06	3.79	2.01	3.76	.85	2.07	1.74		8.42
December ...	5.32	6.73	4.17	2.64	6.56	6.08	3.46	.41	3.30	5.06		12.23
TOTALS ...	37.64	25.33	38.18	29.91	34.26	31.16	35.82	29.92	31.24	33.89		130.87

1910 4 fenders say trees shade the site on S.W. 4.9.11  
 1916 Engine House 30 ft high 53 gals 5  
 1919 Tool House 10 ft high 5 yds N.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Bridgewater	59m 12m	E	Bridgewater Parrett	100 yds	S

RAINFALL at Bridgewater (Blake Gardens)County of SomersetshireObserver F. Part, Esq. C.E.River Basin Parrett - 3(1926) H.R. Bishop Esq. C.E.Borough Engineer, Bridgewater

9.24 { Snowdon Rain Gauge, by K.R.J.  
corrected  
class N+Z. Camden correct

Diameter ...	5											
Height .....	3.1											
Altitude ...	27											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920 MEANS.	Totals.
January ...	3.26	2.88	3.97	1.60	3.73	2.54	3.75	3.54	4.10	.96	4.45	34.88
February ...	.73	.29	2.74	6.56	.36	3.41	1.87	2.74	2.47	1.20	.68	23.05
March .....	2.48	1.35	2.55	1.35	1.03	.39	.82	2.94	2.93	.17	2.48	18.49
April .....	4.24	.83	2.76	2.35	2.81	2.38	2.21	1.24	1.37	1.16	3.14	24.49
May .....	1.51	1.89	.60	1.25	3.85	3.44	1.16	1.42	.54	2.14	1.45	19.25
June .....	2.10	.79	.87	.43	3.29	.08	3.00	2.23	2.39	1.87	.82	17.87
July .....	4.35	.30	2.80	1.31	3.69	1.33	2.69	5.44	2.19	1.03	2.35	28.46
August .....	1.28	1.51	3.85	2.12	5.75	3.12	1.26	2.92	2.08	2.89	2.66	29.44
September...	1.32	1.22	1.77	2.96	4.87	3.06	2.09	6.88	1.35	.55	3.65	27.72
October .....	2.29	.88	1.18	4.73	5.25	2.70	4.70	2.43	4.16	4.52	3.86	37.16
November...	1.15	1.62	1.50	2.05	2.79	2.58	6.45	2.90	2.97	8.30	4.54	36.85
December...	2.61	1.91	4.59	2.69	4.12	3.66	.33	2.71	2.87	7.40	4.20	37.09
TOTALS...	27.42	15.47	29.18	29.40	41.54	29.69	30.33	37.39	29.88	32.19	34.28	336.77
	0	0	0	0	0	0	0	0	0	0	0	446

1920, Tool house 10' 5 1/2 ft. off. N.

Inspected 16.9.24 8. mi. private position of public park.

Rather sheltered to W by trees which over-shelters (260°)

Recommended moving further from tree into enclosure where nothing

shelters angle 745°.

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.			Bridgewater	4 mi.	E.	Holy Trinity Bridgewater R.R.	100 yds.	S.W.

RAINFALL at Bridgwater (Blake Gardens)County of SomersetshireObserver Borough EngineerRiver Basin Parrett - 3.R.A. Watson Esq.Type of Gauge SirodonAnnual Average 28.5 in. based on 17 years obs. un-weighted. Period of average 1885-1915 Ref. S

812579/27.

Diameter	S.										f		
Height	3.1.										1' 0	3' 1"	
Altitude	27												
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals Means		
January	2.10	3.09	1.86	2.54	2.71	3.65	4.92	3.44	5.93	2.31	30.54		
February	2.33	1.05	4.90	2.9	2.89	2.20	5.46	1.05	1.27	2.19	22.63		
March	1.17	1.78	2.78	2.22	1.43	2.91	4.34	1.0	1.06	2.15	19.94		
April	2.28	2.66	1.08	2.63	4.62	2.31	2.80	1.2	2.94	2.20	23.13		
May	3.91	3.75	2.03	1.15	1.29	1.43	2.24	2.29	.83	2.40	21.32		
June	2.97	1.08	1.74	2.30	2.64	4.38	5.4	1.39	3.20	.62	20.86		
July	4.32	2.85	1.59	2.6	.51	6.12	6.23	2.98	4.31	3.81	32.68		
August	4.86	1.21	1.02	4.57	2.03	.32	.96	4.41	2.00	.05	21.43		
September	1.52	4.15	2.20	2.44	3.36	4.35	5.35	2.74	.88	1.62	28.61		
October	.52	6.04	2.22	2.98	4.62	1.82	3.92	2.60	3.22	4.16	32.00		
November	4.68	2.91	0.97	1.89	6.78	3.25	2.55	3.99	5.29	6.21	38.52		
December	1.37	2.15	0.92	7.77	4.64	2.21	2.34	3.11	1.74	2.94	29.19		
TOTALS	32.03	31.11	28.30	30.94	35.52	34.95	41.45	28.22	32.67	30.66	320.85		
	D	D	D	D	D	D	D	D	D	D			

+ Inspected 26.7.38. Very good exposure.

Autographic gauge installed 31.12.38

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			Bridgwater G.W.			Trinity	100 yds	S.W.

Station No. 2081

RAINFALL at Bridgewater (Blake Gardens)

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County of Somersetshire Observer R.A. Watson Esq.

River Basin Parrett - 3

Type of Gauge Standard (A)

Annual Average 28.5 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. S.

File No. 814.579/27

Diameter	5"				403	426						
Height	3' 1"					1						
Altitude	27'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.63	3.10	5.80	1.48	2.93	2.11	2.68	5.34	.80	.57		Totals 28.44
February	2.73	.40	1.20	.78	2.03	1.90	1.39	.98	1.23	4.74		17.38
March	3.03	1.96	1.24	.25	.52	.89	6.00	1.11	1.43	.70		17.13
April	2.88	.98	.83	1.96	.48	3.55	2.45	1.47	1.47	2.45		12.52
May	1.57	5.24	2.57	2.65	4.37	5.11	2.69	3.67	2.27	2.01		32.15
June	1.60	.71	1.45	2.18	2.63	2.27	1.57	2.05	.46	1.26		16.28
July	2.23	1.83	2.36	1.57	2.61	1.48	1.77	2.86	1.70	4.13		22.54
August	3.31	3.71	3.74	2.23	1.84	4.17	1.19	2.15	1.29	5.20		30.85
September	1.05	1.82	3.01	2.40	1.89	3.19	1.28	1.38	3.71	3.60		23.33
October	1.36	2.29	2.80	3.79	3.64	.99	.74	5.33	5.49	2.11		26.54
November	2.66	1.16	2.17	5.56	.77	5.57	2.04	1.44	4.73	6.20		32.30
December	2.13	3.00	2.08	3.31	4.50	3.09	2.35	2.15	1.52	2.04		28.17
TOTALS	28.18 D	26.20 D	29.25 D	28.18 D	28.21	34.32	26.15 D	31.93 D	26.10 D	35.11 D		293.63 408

2. This is an autographic rain gauge at this station, 1092 rec. 1943. Autographic gauge moved to Gold Corner (6/12/1947)  
 1944 ~~See mid W. station~~

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.

Station No. 2081

RAINFALL at Bridgwater (B-lake Gardens)

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County of SomersetObserver R. A. Watson, Esq.River Basin Pennett - 3Type of Gauge SnowdonAnnual Average 28.5 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. S" " 30.84 " " 16 " " (Wilkin) 1941-57 " " 1916-50 File No. 814579/27

Diameter ...	5"				403	426						
Height ...	3' 1"					1						
Altitude ...	27'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	To Calc
January ...	2.88	2.56	.52	2.51	5.05	3.38	3.04	2.16	3.63	3.35		29.08
February ...	3.43	1.18	1.61	2.80	2.64	.21	3.30	2.99	.27	2.99		21.42
March ...	3.71	2.38	.61	3.88	1.14	.64	1.86	.79	3.78	2.12		20.91
April ...	3.57	2.32	3.21	.23	1.10	1.42	.03	.54	2.76	1.47		17.62
May ...	2.26	3.92	1.89	2.05	4.04	.38	1.27	3.01	.81	1.08		20.71
June ...	.65	2.53	2.43	2.85	2.63	1.32	2.69	3.28	.77	1.30		20.45
July ...	2.46	.42	2.36	3.14	1.72	1.99	2.94	2.22	1.85	6.10		25.20
August ...	4.86	4.87	2.89	2.57	.72	3.72	2.38	2.52	1.10	3.70		29.33
September ...	2.50	3.18	2.24	3.48	.57	4.22	3.12	4.07	.13	3.22		29.33
October ...	1.21	4.08	3.14	2.57	1.06	1.91	1.97	2.44	3.21	7.99		29.67
November ...	7.25	3.79	2.04	6.05	3.79	.67	2.23	2.34	5.09	2.91		36.14
December ...	2.59	2.29	.85	3.21	4.71	3.96	2.28	4.40	6.35	3.40		34.04
TOTALS ...	37.32	33.52	24.39	35.34	29.16	23.84	27.11	30.76	29.85	40.63		311.90
	D	D	D	D	D	D	D	D	D	D		

1956: Jan, Oct; Dec; amended, also agreed.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference ST(31)300268

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ 18	✓ ✓	✓ ✓	✓ ✓	✓ 15, 46