

RAINFALL AT Bridgwater Blake Gardens

Lat.

Lon.

County of S. Somerset

Rain Gauge, by N & J

Observer T. Parry Esq C.E.

Parrett - 3.

Diameter ...										5
Height										3 1
Altitude ...										27 1/2
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEANS.
January ...										1.34
February45
March										2.85
April										1.81
May88
June.....										2.41
July										1.48
August										2.03
September ..										2.26
October ...										3.50
November ..										.94
December...										4.30
TOTALS ...										24.25

Bridgwater Station
Greenhouse 12 ft high 30 ft 2 N

RAINFALL at Bridgwater Blake Gardens

County of Somerset

Observer 7 Para Sq c.l.

River Basin Garrett 3

Rain Gauge, by Ht 3

Diameter ...	5										MEANS.	Totals
Height	3 1											16-19
Altitude ...	27 ft											11-40
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		12-34
January ...	3.63	.75	3.95	5.52	.64	2.70	1.24	.62	4.06	5.48		11-11
February ...	3.97	1.80	2.50	.78	2.67	4.05	5.48	1.06	1.23	3.34		12-34
March39	1.98	4.11	3.60	4.47	.94	3.63	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		11-60
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	4.15	3.67	2.96	4.57	4.77	3.70	1.95	3.02		13-64
November ..	3.15	3.02	2.41	3.06	2.79	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	3.90	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		130.77
	D	D	D	D	D	D	D	D	D	D		446

1910 X garden says tree shade the site on SW 4m 9' 11"
 1914 Engine Tower 30 ft high 53 yards S
 1919 Tool Houses 10 ft high 6 yds N.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Bridgwater	5.9m 72 m	E	Bridgwater Trinity	evening	S

RAINFALL at Bridgwater (Blake Gardens)

County of Somersetshire

Observer F. Parry, M. E.

River Basin Parrott - 3

(1936) H. S. Bishop 8

(1926) H.S. Bishop Eng. C.E.

Borough Engineer, Bridgwater

9.24 { Snowdon Rain Gauge, by N. G. J.
correct & sound
Glass N + Z Camden correct

Diameter ...	5'											
Height	5.1											
Altitude ...	27											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		
										MEANS.		
January	3.96	2.88	3.97	1.60	3.73	2.54	3.75	3.54	4.10	.96	4.45	Totals, 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	.87	.82	17.87
July	4.35	.30	2.80	1.31	3.69	2.33	2.69	5.44	2.19	1.03	2.35	28.48
August	1.28	1.51	3.85	2.12	5.75	3.12	1.26	2.92	2.08	2.89	2.66	29.04
September...	1.32	1.22	1.77	2.96	4.87	3.06	2.09	6.88	1.35	.55	3.65	29.72
October.....	2.29	.88	1.18	4.73	5.25	2.70	4.70	2.43	4.62	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	37.89	29.88	32.19	34.28	336.77 74.45

1920, Tool house 10' 5' gds off. N.

Inspected 9/16/9-24 G. in private portion of public park.

8. then sheltered to W by trees which overshelters ($\angle 60^\circ$)

Recommended moving further from tree into enclosure where nothing subtends angle $> 45^\circ$.

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		
1920.			Bridgwater	6 mi. E.	Holy Trinity Ganton Rd.	1000 yds.	S.W.

RAINFALL at Bridgwater (Blake Gardens)

County of Somersetshire

Observer Borough Engineer

River Basin Parrett - 3

P.A. Watson Esq.

Type of Gauge Standard

Annual Average 22.5 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. 814579/27

Diameter	S.									T	
Height	3.1									1' 0	3' 1"
Altitude	27										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Total Means
January	2.10	3.09	1.85	2.54	1.71	3.65	4.92	3.44	5.93	2.31	30.54
February	2.33	.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	1.10	1.06	2.15	19.94
April	2.28	2.55	1.08	2.53	4.62	2.31	2.50	.12	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	.54	1.39	3.20	.62	20.86
July	4.32	2.85	1.59	.26	.51	6.12	6.43	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	3.82	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	7.74	4.64	2.21	2.34	3.11	1.74	2.94	29.19
TOTALS	32.03	81.11	28.30	30.94	35.52	34.95	41.45	28.22	32.67	30.66	320.85

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June

+ Inspected 26.7.38. Very good exposure.

Autographic gauge installed 31.12.38

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			Bridgwater C.W.			St. Trinity	100 yds	SW.

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 S. manchon (+A)

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

File No. 814579/27

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	1.57	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	18.52
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	1.36	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	2.25	1.84	4.17	1.19	4.15	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	23.73
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	4.15	1.62	2.04	22.17
TOTALS	28.18	26.20	29.25	28.18	28.21	34.32	26.15	31.93	26.10	35.11	293.63

2. There is an autographic rain gauge at this station, 1943 ref. 1943 Autographic gauge
 1944 Ref. 1944 moved to Gold Corner (6/12/2011)

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

BRITISH RAINFALL ORGANIZATION

Station No. 2081

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RAINFALL at Bridgwater (B-lake Gardens)

County of Somerset

Observer R. A. Watson, Esq.

River Basin Parrett - 3

Type of Gauge Standard

Annual Average 28.5 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref S
 " " 30.84 " 16 " (with) 1916-50 " File No. 814579/27

Diameter ...	5"				403	926						
Height ...	3' 1"						1					
Altitude ...	27'						51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	MoCoCo
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	3.54	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	2.54	.78	3.72	2.38	2.52	1.10	3.70		29.33
September	2.50	3.18	2.84	3.48	.67	4.22	3.12	4.07	.13	3.22		27.33
October	1.21	4.08	3.14	2.54	1.06	1.91	1.97	2.44	3.31	7.99		29.67
November	7.23	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	23.87	27.11	30.76	29.85	40.63		311.90
D	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) 200368

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance 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
	✓ Butt - 18	✓	✓	✓	✓ Butt - 45.46