

St. Bristol
Barrow Gurney Reservoir

C. W. Briggs

1992

50
Somerset

Diam 1 1/2" + Ground 5 ft + Sea Level 310 ft
L. arm - 1.

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -						.48	3.77	2.59	1.30	2.38	
February - -						1.55	2.03	1.20	1.16	2.08	
March - - -						2.13	1.55	1.05	.70	4.20	
April - - - -						.57	4.20	3.40	3.30	2.85	
May - - - - -						2.48	3.32	2.05	3.53	1.54	
June - - - - -						3.71	2.07	1.59	1.88	2.86	
July - - - - -						3.27	2.33	2.34	2.15	2.96	
August - - - -						2.70	4.33	3.34	2.08	5.01	
September - -						.47	4.90	1.99	2.96	4.34	
October - - - -						6.73	2.29	3.56	3.39	2.62	
November - - -						.70	.71	1.37	.98	2.98	
December - - -						1.41	2.56	1.27	3.13		
TOTALS - - - -						26.20	34.06	25.75	26.56		

C C C C C

n. Bristol

Barrow Gurney Reservoir

Somerset.

C. W. Brazier

5 in + Ground 5 ft.

+ Sea Level 310 ft.

L. av. - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	5.36	1.31	1.17	^{3.50} x 1.70	1.70	3.62	5.10	4.64	6.17	5.91	
February - -	1.28	2.94	.62	.93	2.45	3.06	4.85	3.34	1.62	5.02	
March - - -	2.88	4.14	4.46	^{1.20} x 2.72	2.72	1.24	2.17	4.26	2.78	1.25	
April - - -	2.28	.41	3.23	2.05	1.55	.80	2.08	4.33	2.93	1.37	
May - - -	2.85	1.31	3.26	2.50	.56	2.84	1.08	2.68	1.72	5.98	
June - - -	6.94	3.10	2.76	4.47	1.66	1.85	3.16	1.87	.95	1.19	
July - - -	2.12	6.23	2.25	.37	1.22	4.60	3.38	3.54	.93	1.14	
August - -	5.93	2.86	1.68	4.57	.96	8.45	3.65	2.41	6.76	1.76	
September -	3.06	5.46	2.61	4.20	3.81	.09	9.19	2.28	3.85	6.60	
October - -	3.51	2.99	5.56	5.54	2.07	5.94	2.20	4.24	4.28	2.60	
November -	3.28	4.76	1.46	4.05	2.67	4.15	2.35	1.39	2.01	3.50	
December -	4.53	1.64	2.01	2.63	2.93	2.69	5.19	2.82	6.88	4.54	3.586
TOTALS -	44.02	37.15	31.07	36.21	24.30	39.30	44.63	37.80	40.68	40.86	37.60

x Gauge out of order

RAINFALL AT *Barrow Gurney Res* [Bristol]

Lat.....

Lon.....

County of *Torrence*

Rain Gauge, by.....

Observer *Bruce W W**L. am - 1.*

Diameter .....	.5										
Height	1										
Altitude	320										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.43	2.67	6.92	5.01	4.63	5.15	2.67	5.78	2.14	4.04	4.144
February.....	2.03	1.23	4.58	1.50	2.80	2.06	5.86	2.77	2.14	4.23	2.920
March.....	1.90	1.73	3.08	4.61	2.17	1.77	3.85	2.89	2.35	1.46	2.581
April.....	.82	4.24	2.67	.92	2.82	2.27	3.31	3.02	3.47	2.96	2.650
May.....	2.02	.91	2.59	2.93	.70	3.29	.36	3.01	6.70	4.06	2.657
June.....	.63	1.65	3.77	1.93	1.10	3.35	1.28	1.65	2.44	6.30	2.400
July.....	1.36	6.01	3.64	4.08	1.03	6.82	1.88	4.40	2.11	3.97	3.530
August.....	2.29	2.90	2.31	4.15	5.11	1.79	5.52	5.60	4.28	8.71	4.266
September.....	2.29	5.92	3.62	3.24	6.00	3.93	6.67	3.07	3.30	5.00	4.304
October.....	7.31	2.50	5.00	3.74	5.46	7.68	3.21	3.78	6.53	1.39	4.690
November.....	3.10	.70	5.38	3.10	2.41	5.85	5.17	7.63	3.82	.78	3.802
December.....	1.07	2.53	4.36	.88	3.17	1.69	7.51	2.80	2.71	1.51	2.903
TOTALS.....	28.05	33.07	48.22	35.99	37.40	45.65	47.29	46.40	41.99	44.44	40.847

RAINFALL AT *Barnor Lurney Reservoir*

80

Lat. _____

Lon. _____

County of *Somerset*

Rain Gauge, by _____

Observer *Bristol Water Works**L. avon - 1.*

Diameter	5										
Height	1.0										
Altitude	320 T										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	.67	1.49	2.77	3.95	5.16	3.28	5.43	2.87	1.24	1.00	2.786
February	4.34	4.32	2.51	4.27	2.44	4.17	.88	.78	1.66	1.43	2.680
March	2.76	2.08	2.51	1.19	3.27	1.21	2.85	2.42	3.84	4.44	2.657
April	1.97	.88	4.75	.85	1.58	2.71	2.90	2.65	2.39	3.93	2.461
May	1.22	1.58	1.99	1.54	2.66	3.44	4.97	2.32	1.98	3.83	2.558
June	2.58	3.41	4.35	2.78	3.08	1.64	1.41	.78	3.88	.53	2.444
July	5.09	3.17	5.98	4.19	4.00	1.00	4.73	1.58	6.02	3.55	3.931
August .....	.42	6.40	6.42	2.66	3.21	2.48	2.68	2.55	3.33	3.13	3.328
September....	4.98	2.37	3.35	4.56	2.12	5.05	3.24	4.35	1.57	1.64	3.323
October	5.82	2.21	5.61	4.02	1.28	5.28	5.81	3.40	1.47	3.04	3.894
November....	3.00	4.47	6.38	5.32	1.92	6.04	4.80	3.32	7.35	1.22	4.382
December	5.42	4.43	5.14	1.64	5.88	1.58	6.35	2.99	4.25	2.62	4.030
TOTALS	38.27	36.81	52.76	37.02	36.60	37.88	46.05	30.01	38.98	30.26	38.474

Hydro No 417634

1992

RAINFALL AT Barrow Curney Reservoir

Lat. _____

Lon. _____

County of Somerset

Rain Gauge, by _____

Observer Bristol Water WorksL. avon - 1.

Diameter	5											
Height	1 0											
Altitude	320 T	*										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	4.37	3.57	1.60	2.32	3.39	3.84	.55	1.77	1.03	5.10	2.754	
February ....	.72	.06	1.98	5.21	3.94	.17	.55	3.45	1.74	4.41	2.222	
March	1.42	2.69	.68	.48	2.66	3.02	3.42	4.10	.83	1.10	2.040	
April	1.68	1.34	1.36	.08	2.75	3.11	.71	3.45	1.84	3.83	2.015	
May	1.91	4.60	1.47	1.14	2.37	1.31	.34	1.65	3.20	2.86	2.085	
June	4.84	1.98	2.42	1.33	2.63	.57	2.12	2.62	1.53	1.04	2.108	
July	4.39	3.00	4.19	4.35	5.71	4.35	1.35	2.73	.82	.41	3.130	
August	3.62	8.50	4.83	2.85	3.72	3.10	2.48	7.09	3.21	2.63	4.206	
September....	1.73	2.25	4.31	2.96	3.11	1.15	6.84	4.07	1.18	4.26	3.186	
October	1.65	8.92	2.76	5.99	4.15	4.96	3.93	1.42	6.49	4.47	4.474	
November....	2.22	2.93	3.08	2.60	6.22	5.36	.70	2.09	3.51	2.88	3.157	
December	1.54	5.03	1.38	2.83	2.82	2.81	3.95	5.16	4.96	3.11	3.357	
TOTALS	30.09	44.87	30.06	32.17	43.47	33.75	26.94	39.60	30.34	36.10	34.134	

Hydro No 417634 1992.

RAINFALL AT Barnes Gurney Reservoir

Lat. Lon. County of Somerset North
 Rain Gauge, by Observer British Waterworks Co
L. arm - 1. J. A. McPherson Esq. C.E.

Diameter ..	5											
Height	10					16						
Altitude ..	320T					300						
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	4.95	1.56	1.93	4.69	3.85	.83	5.10	2.10	1.95	1.51	2.847	
February ..	5.49	.75	.84	2.03	4.33	.80	2.28	1.99	2.06	.61	2.118	
March	1.30	2.19	1.93	4.86	2.30	4.80	2.36	1.21	3.60	3.87	2.842	
April	1.40	3.30	1.46	2.83	2.23	2.60	1.07	3.40	3.42	3.33	2.504	
May	2.58	.85	2.12	3.19	3.31	.17	2.84	2.56	2.03	2.24	2.189	
June	3.46	1.59	3.38	4.27	1.80	4.18	2.50	4.14	.61	3.95	2.988	
July .....	.99	2.71	2.17	2.18	3.90	1.02	1.23	2.81	2.47	3.49	2.297	
August	2.66	1.93	4.13	5.04	3.21	4.17	3.32	2.95	5.41	2.62	3.544	
September..	.67	1.99	1.98	3.42	1.84	1.59	.81	.77	2.47	2.91	1.845	
October....	3.64	2.24	2.46	9.13	1.69	1.91	5.78	5.99	1.54	6.91	4.129	
November..	3.25	.47	2.78	2.20	2.47	3.05	3.31	3.13	1.66	1.66	2.398	
Decomber ..	5.06	5.64	3.08	3.43	2.19	1.26	1.49	6.28	2.88	5.80	3.711	
TOTALS ..	35.45	25.22	28.26	47.27	33.12	26.38	32.09	37.33	30.10	38.90	33.412	530

1905 Flat Bowton Station 2 1/4 mile NW
 Collage 40 ft high 100 yards S

H.W.

RAINFALL at Barrow Juney ReservoirCounty of SomersetObserver J. A. McPherson Esq C.E.River Basin Lower Avon 1Smethon Rain Gauge, by

Diameter ...	5											
Height	16											
Altitude ...	300 A											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS
January ...	3.81	1.25	4.02	6.04	1.19	3.85	2.66	1.08	4.17	5.60		16.19
February ...	5.38	2.52	2.80	.97	3.61	4.31	5.45	1.47	2.25	3.00		13.51
March .....	.71	2.97	5.08	4.64	5.52	1.39	3.75	3.77	1.70	5.15		12.17
April	3.25	2.26	.36	3.41	1.77	1.50	1.62	2.67	2.88	2.41		14.37
May	1.92	.96	2.60	2.92	2.45	4.51	4.23	2.42	1.86	.39		9.58
June	4.81	3.25	5.38	1.39	2.24	.82	3.26	3.20	1.29	1.89		8.90
July	2.66	.20	3.80	.45	5.42	6.05	1.29	2.81	5.18	2.20		7.64
August	6.72	1.47	8.26	1.33	3.68	3.22	5.54	8.85	3.34	3.00		11.48
September ..	.27	2.04	.62	4.21	1.91	1.71	2.16	3.19	10.17	1.75		20.73
October ...	4.99	2.81	4.59	2.89	1.89	4.35	7.67	7.18	2.36	3.12		17.27
November ..	5.15	4.19	2.26	2.96	4.95	2.09	3.10	1.22	2.42	2.09		20.33
December ...	5.33	7.78	5.93	2.15	6.79	7.45	4.89	.67	5.05	6.14		8.83
TOTALS ...	45.00	31.70	45.76	33.36	41.42	41.25	45.62	38.53	42.67	36.74		16.75

1910 "In the open"

↑

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Hasel Bourton	2 1/2 Miles	NW	Dundry	1 1/4 Miles	SE

RAINFALL at Barroo Gurney ReservoirCounty of Longue PointeObserver J. de la Roche Eng. G.E.River Basin 1 - L. avon.Shouder Rain Gauge, by

Diameter ...	5												
Height	16								10				
Altitude ...	300					340	300						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.		
January ...	4.52	3.85	3.18	2.13	4.54	3.63	4.80	3.03	5.88	1.32	5.44	42.32	Totals.
February ...	1.60	3.1	4.39	7.82	7.3	4.97	2.08	3.82	3.84	1.72	6.3	31.91	
March	2.87	2.17	3.43	1.52	1.80	.52	.59	3.60	2.66	.43	2.28	21.87	
April	4.63	1.06	3.87	3.01	3.05	1.96	3.14	1.66	1.35	.88	2.71	27.32	
May	1.88	2.27	1.16	2.11	4.45	5.12	2.76	1.39	1.44	2.89	1.64	27.11	
June	3.58	2.6	1.93	7.0	4.08	.01	2.13	3.40	2.92	1.89	2.17	23.07	
July	5.44	1.24	5.64	2.05	5.26	3.54	2.41	5.80	3.27	1.53	2.32	38.50	
August	1.67	2.91	4.08	4.28	6.39	4.58	3.40	4.54	2.67	4.74	5.65	44.71	
September...	1.80	4.44	2.86	3.25	4.06	4.25	1.87	7.02	1.35	.63	4.88	36.41	
October.....	3.15	1.72	1.76	4.80	6.22	4.15	4.33	3.12	7.08	7.02	3.54	46.89	
November...	1.98	2.42	1.63	3.24	3.20	2.20	7.50	3.51	3.60	9.99	4.72	43.99	
December...	2.77	2.70	5.13	3.40	4.67	4.99	.57	3.23	3.98	8.26	4.03	43.53	
TOTALS...	35.89	25.35	39.06	38.31	48.45	39.92	35.58	44.12	40.04	41.40	40.01	428.13	

1920. Gauge is open

1929 Inspector 6/9. See Green file over sheltered new site selected

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
			Barroo	2 1/2 m.	N.W.	Barroo	1 1/2 m.	S.E.

RAINFALL at Barrow Gurney ReservoirCounty of SomersetshireObserver J. A. McPherson, Esq. C.E.River Basin Lower Axon - 1A. M. Paterson Esq. C.E.

Type of Gauge

Annual Average 36.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S

Diameter	5.											
Height	1.0.											
Altitude	300.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	2.03	4.95	3.50	2.90	.76	3.92	4.81	5.49	5.32	2.76	36.49	
February	2.32	.07	4.43	.30	2.77	2.67	5.09	1.28	2.11	2.10	23.14	
March	.91	2.54	4.11	2.01	.80	2.75	3.42	.35	1.30	2.73	20.93	
April	2.53	3.23	1.38	2.95	4.65	2.78	2.79	.23	3.08	2.34	25.96	
May	3.63	5.73	2.13	1.54	1.33	2.02	2.57	1.98	.74	2.72	24.59	
June	3.72	1.81	1.00	1.58	5.35	3.12	1.18	1.26	2.17	1.03	22.22	
July	4.10	2.96	2.14	1.68	3.23	5.95	3.61	3.53	4.51	6.49	38.20	
August	4.21	1.38	1.96	3.28	1.92	.57	1.65	3.66	3.72	12	22.47	
September	2.36	5.94	2.31	2.68	7.77	3.41	1.79	2.87	1.06	1.82	32.00	
October	1.34	7.22	3.06	2.10	6.50	1.95	3.24	5.94	2.83	4.45	38.68	
November	4.26	1.92	0.57	1.32	6.55	3.95	1.98	5.14	7.46	8.48	41.73	
December	1.99	1.85	1.52	7.72	4.42	3.27	2.05	3.53	2.15	1.79	30.29	
TOTALS	33.54	39.60	28.11	30.06	46.05	36.36	34.24	35.26	36.65	36.83	356.70	22

July 1935 looks low ref. our records (1095 may give explanation?) 1/8. 10/56

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. T.E. 1992RAINFALL at Barrow Gurney Reservoir

41

County of SomersetshireObserver A. H. Pollock Esq. C.E.River Basin Lower AvonType of Gauge 3.6 in. (100 in. 100)Annual Average 36.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S.P.B. 380

File No.

Diameter	5"					4.7	6.34					
Height	1'0"						1					
Altitude	300'						41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
<i>Year's %</i>												<i>Totals</i>
January	3.77	3.72	5.86	1.94	2.26	3.70	2.04	6.91	.94	.96		32.60
February	3.37	.21	2.00	.61	3.78	3.30	1.48	2.11	1.29	6.01		24.16
March	3.33	2.28	1.21	.32	1.22	1.21	4.06	1.84	1.61	1.42		21.50
April	1.36	1.22	1.12	2.87	1.03	2.38	2.86	1.99	1.86	2.44		19.13
May	1.63	5.21	2.68	1.11	3.64	4.46	2.84	3.57	3.99	2.31		31.44
June	2.09	.27	1.81	3.19	3.77	3.59	1.73	8.77	.58	2.28		22.08
July	2.04	2.66	2.22	2.57	1.99	1.54	3.28	1.18	1.08	4.53		23.09
August	5.23	5.83	4.38	3.17	2.38	6.88	1.02	5.83	2.13	7.20		43.45
September	.86	2.01	2.58	4.11	2.13	4.95	1.91	2.69	2.12	5.65		29.01
October	2.06	3.96	2.95	5.24	4.08	1.14	.47	4.27	7.57	1.91		33.85
November	1.80	1.68	2.24	6.37	.53	5.36	2.96	1.81	3.69	6.59		33.03
December	2.45	3.84	2.09	3.22	5.62	3.38	3.33	4.58	2.31	2.23		33.05
TOTALS	29.99	32.89	31.14	34.72	32.43	41.89	31.48	39.15	29.17	43.53		346.39
	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>		<u>44</u>

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.

BRITISH RAINFALL ORGANIZATION

Station No. 1992 T.F. 11

RAINFALL at Barrow Gurney Reservoir

51

County of SomersetObserver A.M. Paterson Esq. C.E.River Basin Lower Area - 1R. W. M. Melkani Esq.Type of Gauge M.M. II inspectionAnnual Average 34.4 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. PB380
36.99 " " " " 1916-1950 1916-1950 File No. 66056/26
21784/57

Diameter ...	5"				47	634						
Height ...	1' 0"					1						
Altitude ...	300'					51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	4.33	2.95	.74	2.85	2.28	4.11	3.07	2.73	3.74	3.73	3103	
February ...	4.51	.74	1.59	3.58	1.72	.18	3.63	4.09	.33	2.55	2292	
March ...	4.17	3.23	.98	3.22	1.11	.87	2.70	1.25	2.90	2.64	2307	
April ...	3.92	1.62	3.84	.64	1.25	1.75	.10	1.28	2.97	1.55	1892	
May ...	2.79	3.99	1.65	2.19	4.14	.49	1.93	3.39	1.55	1.02	2314	
June ...	.61	4.21	2.06	4.22	2.55	2.62	1.91	3.45	2.15	2.59	2637
July ...	1.23	.88	3.83	3.68	.11	3.38	4.11	2.19	2.81	6.14	2836	
August ...	5.58	5.69	4.62	3.02	.49	7.21	2.83	3.09	1.67	4.91	3911	
September ...	2.96	3.11	3.28	6.13	1.41	3.58	4.29	4.81	.19	4.52	3428	
October ...	.70	4.48	2.33	4.22	1.38	1.34	3.85	3.24	3.80	6.07	3141
November ...	4.52	4.23	1.85	6.59	4.12	.72	2.78	2.59	4.77	5.19	4036	
December ...	2.28	2.29	1.04	2.61	3.98	3.95	2.71	3.72	7.14	5.02	3474	
TOTALS ...	40.60	37.42	27.81	42.45	25.54	30.20	33.91	35.83	34.02	45.93	35371	
	D	D	D	D	D	D	D	D	D	D		

Inspected 31.10.55 Mr. Deeln. Gauge sound, measure certified, etc. satisfactory.

Position of Station on Ordnance One-Inch map :

No. of Map 165National Grid Reference 21/537679

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-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓ lost-20-29	✓	✓	