

Bathcaston Reservoirs
 abt 3 m. from Bath

Somerset.

Alfred Mitchell

12 in. + ground 2 ft.

+ Sea Level 226 ft.

L. Avon - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			⁴ 2.90	2.56	1.30	2.67	4.57	3.68	4.46	4.38	
February - -			.35	.57	1.22	1.51	5.32	1.99	1.58	2.86	
March - - -			3.91	.90	2.19	.86	2.15	2.56	1.50	1.46	
April - - -			2.85	1.60	1.69	.77	1.73	3.13	2.12	1.00	
May - - -			3.86	1.84	.88	1.89	1.32	1.82	1.10	1.55	
June - - -			3.21	4.62	1.54	1.28	2.59	1.87	.92	1.35	
July - - -			2.69	.49	.61	3.04	3.32	3.81	.86	1.00	
August - - -			.87	2.72	.62	5.09	2.87	2.05	3.90	.74	
September -			3.05	3.54	2.58	.05	7.33	2.03	3.64	4.45	
October - -			3.64	3.32	1.37	5.37	1.96	3.62	2.72	1.50	
November -			.73	2.34	1.46	3.91	3.31	1.08	1.75	2.04	
December -			1.55	.96	2.50	2.72	3.80	1.52	5.62	3.93	
TOTALS -			29.81	25.46	17.96	29.96	40.35	29.16	30.17	29.26	

RAINFALL AT *Batheaston Reservoir*

Lat.....

Lon.....

County of *Lomax*

Rain Gauge, by.....

Observer

*A. Mitchell Esq.**L. am - 1.*

Diameter.....	1	.	.	.	.	.	.	.	.	.	6
Height.....	2	.	.	.	.	.	.	.	.	.	.
Altitude.....	226	.	.	.	.	.	.	.	.	.	.
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.85	1.90	5.00	3.45	3.10	4.85	2.35	4.53	2.15	3.62	3.280
February.....	1.65	1.20	3.20	.85	2.30	2.00	3.35	1.53	2.10	3.99	2.219
March.....	1.13	1.20	2.35	2.95	1.25	1.10	3.62	3.02	1.50	.55	1.864
April.....	.50	2.65	2.80	.75	1.60	1.80	3.32	3.72	2.65	3.65	2.344
May.....	1.70	1.10	2.30	1.95	.45	2.35	.38	3.78	6.83	3.66	2.450
June.....	.70	2.40	3.82	1.35	1.60	3.35	1.02	.79	5.36	7.70	2.809
July.....	.07	4.70	3.20	2.97	.95	6.25	1.40	3.58	2.55	4.47	3.094
August.....	.95	.80	2.75	2.85	3.50	1.30	5.13	4.63	6.37	8.06	3.634
September.....	.80	4.65	2.80	1.90	6.15	4.25	6.04	3.45	1.47	3.73	3.524
October.....	4.45	1.65	3.75	2.30	4.15	6.35	1.41	2.60	6.72	1.44	3.482
November.....	1.75	.62	4.40	2.20	2.55	4.45	4.24	6.27	3.15	.53	3.016
December.....	1.50	2.20	4.80	.55	2.40	.80	5.80	2.02	1.50	1.06	2.263
TOTALS.....	17.85	25.07	41.17	24.07	35.00	38.85	38.06	39.94	42.35	42.46	33.982

C C C

RAINFALL AT *Bathaston Reservoir*

80

Lat. _____

Lon. _____

County of *Somerset*

Bottle Rain Gauge, by _____

Observer *A. Mitchell Esq.*

L. avon 1.

Diameter	6										
Height	2.0										
Altitude	226 T						248				
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	.38	2.20	1.72	3.45	3.66	2.13	4.07	1.83	.93	.82	2.119
February	3.63	4.15	2.65	4.00	1.73	3.39	.68	.51	2.04	1.13	2.391
March	2.25	2.25	1.63	1.42	2.72	1.30	2.04	2.07	3.18	3.52	2.238
April	1.70	.56	4.56	.79	1.27	2.86	1.90	.51	2.66	3.74	2.055
May	1.10	2.25	2.65	1.45	1.20	3.31	5.61	1.93	1.13	1.98	2.261
June	3.83	2.99	4.05	2.96	3.55	1.18	.79	1.10	2.90	1.07	2.501
July	4.72	2.68	4.74	3.32	4.06	.15	2.70	.83	6.35	2.12	3.167
August	1.15	5.10	4.22	1.66	2.37	2.10	1.75	1.66	2.51	3.86	2.638
September	4.53	1.95	2.82	3.96	1.50	4.69	2.24	3.34	1.54	1.16	2.773
October	4.44	1.86	5.44	2.93	.83	3.79	4.03	2.36	1.03	2.40	2.911
November	2.54	4.16	4.97	3.46	1.44	5.13	4.47	2.32	5.65	1.01	3.514
December	3.93	4.03	4.21	.86	3.12	1.27	5.03	2.06	3.21	1.91	2.963
TOTALS	34.20	34.18	44.26	30.24	27.45	31.30	35.31	20.52	33.13	24.72	31.531

Gauge on embankment dividing two reservoirs entirely unobstructed by trees, land or buildings; the nearest object above its level is at least 30 yards distant.

1988

RAINFALL AT Batheaston Reservoir

Lat. _____

Lon. _____

County of Somerset

Rain Gauge, by _____

Observer C Gilby Esq C.E.L. avon - 1.

Diameter	6						5				
Height	20										
Altitude	248 π										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.10	1.97	.89	1.88	2.21	2.98	.51	1.50	.49	4.30	1.982
February ....	.71	.01	1.21	3.43	2.78	.17	.45	3.30	1.75	3.61	1.742
March	1.26	1.99	.59	.73	1.91	2.38	3.11	4.05	.46	.54	1.702
April	1.35	1.11	.77	.07	2.77	2.40	.86	2.95	2.37	3.28	1.793
May	2.69	3.60	1.15	1.56	2.23	1.13	.24	1.34	3.37	1.72	1.903
June	3.44	.91	2.35	1.20	2.24	.48	1.68	3.59	1.93	1.67	1.949
July	3.92	2.62	3.36	3.93	3.76	4.01	.97	1.72	.77	.32	2.538
August	3.36	5.80	3.58	1.79	2.28	2.71	2.23	6.41	2.37	1.31	2.184
September....	.96	2.00	2.41	1.41	2.58	1.52	5.91	3.15	.99	3.15	2.408
October	1.11	8.57	2.61	3.80	3.40	3.39	2.93	1.55	4.12	2.49	3.297
November....	1.62	2.72	1.95	2.10	5.05	5.50	.79	1.22	2.98	3.01	2.694
December	1.95	4.21	1.20	2.79	2.40	2.37	3.82	4.49	3.10	2.14	2.817
TOTALS	25.47	35.51	22.07	24.69	33.61	29.04	23.50	35.27	24.70	27.54	28.140

1988

RAINFALL AT

Bathaston Reservoir

Lat.

Lon.

County of

Somerset North

Rain Gauge, by

Observer

C Gilby Esq. Cl.

L. Avon - 1.

J. H. Young Esq. Cl.

Diameter ..	5				6						
Height	20										
Altitude ..	248 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.43	2.08	1.46	3.62	3.90	.40	4.46	1.19	1.38	1.18	2.310
February ..	5.17	.79	.84	1.64	4.28	.69	1.82	1.42	1.48	.59	1.872
March	1.18	2.32	1.72	3.64	1.55	3.65	1.73	1.01	2.96	3.12	2.288
April	1.48	2.73	1.51	3.77	2.02	2.74	1.43	4.24	3.14	2.75	2.581
May	2.26	1.17	2.04	5.35	2.58	.15	2.28	3.41	1.43	1.72	2.239
June	1.83	2.00	3.25	4.07	1.91	3.64	2.85	2.87	1.08	3.68	2.718
July	1.27	2.57	1.32	2.97	3.39	.57	1.21	3.62	2.91	2.76	2.259
August	2.91	1.93	3.19	4.78	3.22	5.05	2.38	2.37	3.79	3.19	3.281
September ..	.58	2.53	1.16	2.80	1.65	2.01	1.63	.60	2.27	3.76	1.899
October	3.10	1.36	1.94	7.60	1.00	1.70	5.21	5.64	2.01	4.61	3.417
November ..	2.65	.55	2.35	2.81	2.19	3.23	2.93	2.52	1.11	1.02	2.136
December ..	5.69	5.20	2.21	2.72	2.03	1.04	2.06	4.64	2.65	4.93	3.317
TOTALS ..	31.55	25.23	22.99	45.77	29.72	24.87	29.99	33.53	26.21	33.31	30.317

15.26

"Nothing within 30 ft of the gauge which stands on the dam between the two reservoirs"

thick

10¹⁹⁸⁸RAINFALL at Bathampton ReservoirCounty of SomersetObserver J. Dent Young Esq. C.E.River Basin Lower Avon 1

Rain Gauge, by _____

Diameter ...	6											
Height	2 0											
Altitude ...	248 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	3.47	1.22	4.16	4.97	.76	5.12	2.62	1.50	3.20	4.78		Totals 16.74 12.10
February ...	4.48	2.33	2.16	1.22	3.18	5.85	5.03	1.34	1.73	2.58		10.68
March .....	.98	2.83	5.95	3.91	4.46	1.08	3.90	3.53	1.22	4.89		13.54
April	3.55	1.73	.29	3.67	1.83	1.24	1.34	2.37	2.93	2.10		8.74
May	1.99	1.04	2.33	2.90	1.49	3.12	2.31	3.13	1.75	.64		7.83
June	6.82	2.12	4.20	.95	1.92	2.09	2.68	4.59	1.22	1.12		9.61
July	2.44	.02	3.78	.62	2.97	5.16	1.36	2.04	5.20	2.13		10.73
August	4.90	1.60	6.41	1.45	2.25	3.25	4.05	8.07	2.93	2.84		17.89
September ..	.29	1.24	1.00	2.78	1.38	2.15	1.29	2.63	7.14	1.63		12.69
October ...	4.89	3.26	4.75	3.46	2.23	3.95	7.67	5.56	1.81	1.87		16.91
November ..	4.29	3.78	2.53	2.95	3.91	2.08	3.48	1.05	2.58	1.77		8.88
December ...	5.57	7.55	5.66	1.95	6.96	6.03	4.37	.57	3.28	5.81		14.03
TOTALS ...	43.67	28.72	43.22	30.83	33.34	41.12	40.10	36.38	34.99	32.16	364.53	143.63 1916
	D	D	D	D	D	D	D	D	D	D		

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Bathampton	1 1/2 mile	S	Bathampton	1 1/2 mile	E

RAINFALL at Batheaston Reservoir.County of LongleatObserver J. Park Young Esq. C.E.River Basin 1 - L. avon.Bathons, 1896
Bath
new gauge in 1921(1929) Swansea Rain Gauge, byBath Corporation 1920 (1921)

Diameter ...	6							5				
Height	20							16	10			16
Altitude ...	248											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.	Totals.
January ...	4.25	3.48	3.44	2.05	4.52	4.21	4.78	3.57	5.21	1.39	4.61	41.51
February ...	1.53	37	4.60	7.20	15	6.02	2.52	4.07	2.98	1.89	81	32.20
March	2.60	2.48	2.70	1.55	1.39	79	81	3.51	3.00	23	2.05	21.11
April	4.90	90	2.99	2.60	3.21	3.00	3.64	1.72	1.40	83	2.06	27.25
May	2.47	2.52	89	2.16	5.68	4.28	3.14	1.15	83	2.13	1.78	27.03
June	3.88	26	1.39	7.77	2.89	02	3.31	3.48	2.57	1.57	78	20.92
July	5.32	76	4.54	1.68	4.01	3.73	2.77	4.38	4.20	1.84	3.25	36.48
August	1.17	1.97	4.17	2.84	4.33	2.83	2.11	6.66	3.51	3.36	4.87	37.82
September...	1.10	2.12	2.03	3.67	3.53	3.83	1.32	6.83	1.31	47	4.16	30.37
October	2.71	1.01	1.10	4.73	5.62	3.17	3.91	2.42	5.49	6.24	2.97	37.37
November...	1.82	2.40	1.51	2.61	3.15	2.27	7.45	3.44	3.36	8.02	5.08	41.11
December...	3.08	1.80	3.59	3.86	5.42	4.00	57	3.02	3.77	6.91	4.03	40.05
TOTALS...	34.89	20.07	32.95	35.72	43.90	38.15	36.33	44.25	37.63	34.88	36.45	395.22
	0	0	0	0	0	0	0	0	0	0	0	41.51

8/9/27 Imported see Greenfile
1927. New Gauge fixed Oct. 13th

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
1924	5° 24'	2° 21'	Batampton	1 1/2 mile	S.	Batheaston	1 1/2 mile	E.

RAINFALL at Batheaston ReservoirCounty of SomersetshireObserver Bath Corporation W.W.River Basin Lower Avon - 1

Type of Gauge

Annual Average 31.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. A. W. Shool

660550/26

Diameter	5.										
Height	1.6.					1.0.					
Altitude	248.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals. Means
January	2.02	3.46	2.81	2.53	.87	3.85	4.09	3.03	4.94	2.62	30.22
February	2.55	.02	4.24	.11	2.17	2.97	4.97	.92	1.64	3.45	23.04
March	.50	2.32	3.50	3.03	.79	2.44	4.23	.13	1.49	2.44	20.87
April	2.76	3.58	1.07	2.68	4.74	2.20	2.61	.10	3.31	3.27	26.32
May	3.73	5.09	2.15	1.19	1.56	.36	2.26	1.72	1.16	1.96	21.18
June	2.87	1.36	1.33	2.04	7.53	2.95	.76	1.06	2.49	.55	22.94
July	4.54	4.17	2.15	1.28	.70	6.37	2.81	3.46	4.46	4.37	34.31
August	4.45	.82	1.24	2.62	1.83	.48	1.39	2.95	2.88	.09	18.77
September	2.29	5.10	3.61	2.28	5.37	3.81	2.43	3.41	1.39	1.42	31.11
October	.81	6.47	2.67	1.86	4.55	1.35	3.62	4.60	3.52	3.48	32.93
November	4.42	2.09	.71	1.38	5.71	3.37	1.72	3.67	5.46	8.48	37.01
December	1.69	1.48	1.10	5.88	3.73	2.28	1.92	4.09	2.16	1.37	25.70
TOTALS	32.63	35.98	26.58	26.88	29.55	32.43	32.81	29.14	34.90	33.50	324.40
	D	2	D	D	D	D	D	D	D	D	

44

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
			Bath	2 1/2 n	S.E.	Batheaston	1/2 m	S.

Station No. T.F. 1988RAINFALL at Bathaston Reservoir

41

County of SomersetshireObserver Bath Corporation W.W.River Basin Lower Avon

Type of Gauge

Annual Average 31.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S.File No. 660550/26

Diameter	5"					416	128					
Height	1' 0"						1					
Altitude	248'						44					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	3.99	3.87	5.59	1.67	1.79	2.07	2.37	5.56	1.06	.60		28.57
February	3.11	.44	1.35	.72	2.54	2.54	1.56	1.24	1.60	5.48		20.58
March	4.03	2.10	1.01	.50	.95	.79	4.80	1.64	1.68	1.11	1750	18.61
April	1.32	1.22	.60	1.80	.93	2.40	2.35	1.83	2.03	2.00		16.48
May	1.55	4.90	2.41	1.08	3.03	4.31	3.52	4.12	3.26	2.31		30.49
June	2.42	.26	2.09	2.09	4.14	2.84	1.73	2.71	.40	2.09		20.77
July	1.44	3.15	1.73	2.77	1.44	1.35	3.57	1.02	1.76	4.48		22.91
August	4.89	4.72	3.29	2.18	2.68	6.04	.86	3.60	1.72	4.91		34.89
September	.40	1.92	2.68	2.37	2.15	4.57	1.52	2.46	.92	4.90		23.89
October	2.05	3.53	3.66	4.54	3.63	1.17	4.0	3.94	6.23	1.41		30.56
November	1.77	1.36	2.27	5.36	.35	4.83	2.15	1.75	3.21	5.58		28.63
December	1.59	3.87	1.77	2.22	4.37	2.74	2.18	4.42	1.28	2.16		26.60
TOTALS	28.56	31.34	28.45	27.30	28.00	35.65	27.01	34.89	25.15	37.23		302.98
	D	D	D	D	D	D	D	D	D	D		444

265.75

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.
1941			Bath	2 1/2 miles	SE	Bathaston	1/2 mile	S.

BRITISH RAINFALL ORGANIZATION

Station No. 1988 56.10**RAINFALL at** Batkeaston Reservoir

51

County of Somerset Observer Bath Corp. W.W.River Basin Lower Avon - 1Type of GaugeAnnual Average 31.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. A.V.S.
" " 32.32 " " 25 " " with 1932-57 " " " 1916-50 5File No. 660550/26

Diameter ...	5"				416	128						
Height ...	1' 0"					1						
Altitude ...	248'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	2.82	2.42	.74	1.85	2.84	4.21	2.39	2.82	3.87	3.26	2722	
February ...	4.78	.61	2.23	3.37	1.76	.22	2.86	3.68	.19	2.40	2200	
March ...	3.21	2.87	.80	4.06	1.26	.89	2.37	1.28	3.27	2.13	2214	
April ...	3.93	1.58	2.50	.44	1.09	1.34	.08	1.23	2.47	1.39	1592	
May ...	2.33	4.35	2.08	2.19	4.83	.40	2.20	2.55	1.55	1.51	2399	
June ...	1.61	2.39	1.31	4.59	3.27	2.09	1.47	5.03	2.03	2.49	2628	
July ...	1.04	1.54	3.05	3.03	1.65	3.11	3.55	3.35	3.20	5.24	2866	
August ...	5.50	4.90	3.74	2.97	1.64	4.61	4.37	2.48	2.99	4.30	3740	
September ...	3.19	3.49	3.92	3.93	1.49	3.13	3.77	4.37	.21	3.68	3718	?
October ...	.80	4.33	2.11	2.83	1.38	1.59	3.15	2.33	2.95	6.61	2508	
November ...	6.95	4.84	1.49	6.77	3.08	.83	2.17	2.62	3.65	4.54	3684	
December ...	2.44	2.58	.64	2.32	3.81	3.61	2.54	4.05	6.42	4.92	3323	
TOTALS ...	38.50	35.90	24.61	38.32	28.00	25.83	30.92	35.59	32.80	42.47	33294	76
	D	D	D	D	D	D	D	D	D	D		

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference ST(31)749685

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
	✓	✓	✓	✓	
	✓	✓	✓	✓	