

RAINFALL AT Blagdon (Pumping Station)

Lat. Lon. County of Somerset

Rain Gauge, by Observer Bristol Water Works
James McPherson Esq. C.E.

Mo - 2.

Diameter						8					
Height						0 8					
Altitude						115 ft					
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January81	5.40	1.82	1.50	1.38	
February						1.13	3.01	1.90	1.70	.77	
March						6.57	2.29	1.02	3.41	3.72	
April						3.18	1.35	4.08	3.02	3.14	
May13	3.67	2.96	1.60	2.41	
June						4.25	2.53	3.33	.81	3.73	
July95	1.21	3.74	2.98	3.33	
August						4.55	2.85	3.50	5.57	2.36	
September						2.14	.92	.70	2.25	2.66	
October						2.47	5.62	6.40	1.49	7.21	
November						3.46	3.54	3.26	1.20	1.43	
December						1.32	1.74	6.43	3.06	5.73	
TOTALS						38.96	34.19	39.18	28.62	37.87	

1905 Blagdon church 1/2 mile S E

Station 400 yards S E

Pumping Station 80 ft high 112 yard N E

RAINFALL at Blagdon Pumping Station

County of Somerset

Observer J. A. McPherson Esq. C.I.

River Basin Ye. Axethorne 2

Snowdon Rain Gauge, by

Diameter ...	8	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
Height	o 8											
Altitude ...	112 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		
January ...	4.40	2.13	4.79	6.66	1.16	4.37	2.53	1.05	3.63	6.07		Totals 16.19 12.28
February ...	5.71	2.65	3.36	1.12	4.43	5.16	6.21	1.38	2.03	3.08		12.70
March	1.04	3.54	6.72	4.78	5.53	1.29	4.98	3.13	1.18	4.68		13.97
April	3.04	2.92	.29	4.05	2.13	1.46	1.66	2.41	3.01	2.58		9.66
May	2.39	1.13	2.12	3.15	1.89	2.57	4.09	2.02	1.63	.42		8.16
June	5.88	3.15	4.62	1.80	1.76	.62	2.88	4.14	1.17	1.21		9.40
July	2.97	.69	3.80	.84	5.02	4.68	1.08	2.50	6.01	2.12		11.71
August.....	8.45	1.56	8.60	1.42	3.47	2.39	5.00	8.85	2.42	3.39		19.66
September ..	.35	1.73	.60	3.16	1.62	1.98	2.00	2.98	9.27	1.77		16.02
October ...	6.02	3.42	5.45	2.42	2.56	4.45	7.21	6.51	2.00	2.53		18.25
November ..	6.13	4.88	2.42	3.71	4.60	2.07	4.04	.91	1.80	2.06		8.81
December ...	7.06	8.56	7.14	2.47	7.06	6.98	4.47	.69	4.66	6.39		16.21
TOTALS ...	53.44	36.36	49.94	35.98	41.23	38.02	46.15	36.57	38.81	36.30		157.83 12.86

1910 "In the open"

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Blagdon	1/4 m 400 yds	S E	Blagdon	1/2 mile	S

RAINFALL at Blagdon (Bumpfield Station)

County of Somersetshire

Observer J. E. G. P. P. & S. E. E.

River Basin No - 2

Snowdon Rain Gauge, by

Diameter ...	8									5	
Height	0.8		1.0								
Altitude ...	112										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	4.76	3.85	3.95	1.78	4.36	3.89	5.34	3.98	7.12	1.38	5.86
February ...	1.21	.87	4.19	7.83	.47	5.22	2.10	3.58	2.94	1.75	.76
March	2.85	2.15	3.11	1.64	2.11	.53	1.03	4.03	3.45	.20	2.24
April.....	5.02	1.30	3.26	2.56	3.97	2.13	2.98	2.01	1.50	.95	2.64
May	2.32	2.29	1.36	1.65	4.52	4.91	2.29	1.31	.83	2.45	1.63
June	4.22	.19	1.78	.61	3.39	.02	2.15	3.69	2.47	1.93	.56
July	6.30	.69	4.37	2.09	4.12	14.63	3.19	6.58	3.59	1.71	2.68
August	1.46	2.33	4.33	3.68	5.83	7.07	3.00	4.78	5.37	5.64	6.78
September...	2.03	2.79	2.60	3.44	3.70	3.63	2.22	5.99	1.28	.66	4.28
October.....	3.10	1.07	1.45	4.65	6.16	14.29	5.69	3.31	7.80	7.46	3.46
November...	1.94	2.01	1.96	3.46	3.10	2.56	8.27	3.72	3.41	10.34	5.05
December...	3.13	2.39	5.59	3.37	4.22	4.39	.70	3.16	4.28	8.84	4.49
TOTALS...	38.36	21.43	37.95	36.76	45.95	43.27	38.96	46.14	44.04	43.31	40.48

1920 "To the open".

1927 Inspected 6/5 G. 95. Gauge found to be leaky
See Green filePosition of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1920.			Blagdon.	4 fm. S.E.		Blagdon.	4 fm. S.

RAINFALL at Blagdon (Pumping Station).

County of... Somersetshire.

Observer J. A. McPherson, Esq., C.E.

River Basin Yeo, Axe & Teme.

A. M. Paterson, Esq., C.E.

Type of Gauge Standard.

Annual Average 7.2 in. based on 11 years obs. un-weighted. Period of average 1881-1915 Ref. S.
660556/26.

Diameter	5.											Totals
Height	1.0.											Means
Altitude	112.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	2.61	4.55	3.57	2.98	7.72	4.41	5.41	4.71	5.93	2.74	37.63	
February	2.60	.05	4.78	4.16	3.41	2.75	6.13	1.36	2.15	2.99	26.68	
March	.93	2.66	3.98	2.89	1.00	2.92	4.51	.26	1.56	3.12	23.53	
April	2.44	3.80	1.36	2.78	4.94	3.09	3.02	.24	3.60	2.12	27.33	
May	3.79	5.30	2.14	1.70	1.21	1.64	2.28	2.41	1.40	3.00	24.87	
June	3.62	1.98	1.22	1.89	3.39	2.36	1.24	1.12	2.36	.61	19.79	
July	4.90	3.17	2.18	1.23	.71	5.84	4.76	3.40	5.00	5.49	36.68	
August	4.07	1.12	2.06	3.81	1.90	.53	1.23	4.41	3.17	.34	22.64	
September	1.84	6.65	2.48	2.59	6.85	3.66	2.13	3.22	.90	2.14	32.44	
October	1.60	7.13	2.86	2.88	6.21	2.21	4.18	8.15	3.13	4.11	42.26	
November	4.86	2.16	0.70	1.78	7.74	4.03	1.96	6.33	8.89	8.80	47.25	
December	1.35	2.68	1.43	4.09	4.69	3.02	2.04	3.36	3.11	2.07	32.84	
TOTALS	34.41	41.25	28.75	33.71	42.77	36.46	38.89	38.97	41.20	37.53	373.94	
	D.											

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

Station No. TF. 2034

RAINFALL at Blagdon (Pumping Station)

41

County of Somerset Observer A.M. Paterson Esq. CE

River Basin 2-Yea. close + Broad

Type of Gauge Standard

Annual Average 37.5 in. based on 11 years obs. un-weighted. Period of average 1881-1915. Ref S

File No. 660556/76

Diameter	5"			40ft	34ft						
Height	1' 0"					1					
Altitude	112'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.12	4.56	6.14	2.29	2.63	3.05	2.93	7.64	1.05	1.70	Totals 35.11
February	3.30	.19	2.13	.92	3.25	3.05	1.92	2.18	1.87	7.95	26.76
March	4.07	2.15	1.06	.30	1.24	1.01	6.96	1.79	1.27	1.65	21.50
April	1.21	.94	1.11	2.86	1.14	2.57	2.68	1.64	2.05	2.85	19.08
May	1.47	5.87	2.90	1.13	3.69	4.54	2.90	4.88	3.66	2.28	32.82
June	2.30	.36	1.61	3.18	4.21	4.20	8.07	2.28	.48	1.74	22.43
July	1.88	2.36	2.50	2.94	2.01	1.69	2.12	1.41	1.17	6.17	24.25
August	5.62	3.99	5.01	2.92	2.68	4.91	.95	4.98	3.03	6.61	40.70
September	.50	2.08	2.99	3.89	2.79	4.99	1.94	2.92	1.92	5.85	29.90
October	1.48	4.57	3.75	5.03	4.29	.92	.63	4.86	6.92	1.92	34.40
November	2.25	1.70	2.51	6.67	.61	6.01	2.93	2.38	3.77	7.52	36.35
December	2.10	4.15	2.45	3.90	6.28	4.42	3.33	5.88	2.66	3.01	38.18
TOTALS	30.30	32.92	34.16	36.03	34.82	41.36	31.39	48.34	29.88	48.28	361.47

Falling off from 1942? D.R. 18147.

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

BRITISH RAINFALL ORGANIZATION

Station No. 2034

RAINFALL at Blagdon (Pumping Station) 1911 51

County of Somerset

Observer A.M. Paton Esq. C.E.

River Basin Yeo - Axe & Brue - 2

R.W.M. Melville, Esq.

Type of Gauge Snowdon

Annual Average 37.0 in. based on 11 years obs. un-weighted. Period of average 1881-1915 Ref S
38.74 26 within 1931-57 1916-50

File No. 660856/26

E 117267/27

Diameter ...	5"				408	346					
Height ...	11 1'			1.0"		1					
Altitude ...	1121					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.91	3.96	.73	2.39	4.13	4.89	3.45	2.94	4.23	3.85	34.148
February ...	5.55	.64	2.04	3.81	2.42	.17	3.51	4.66	.26	2.90	25.96
March ...	4.20	4.11	.76	3.68	1.28	1.22	2.67	1.13	3.72	2.82	25.59
April ...	4.50	2.08	4.74	.64	1.38	1.37	.06	1.16	2.92	2.25	21.10
May ...	2.71	4.25	1.99	2.96	4.29	.84	1.63	3.37	1.21	1.14	24.39
June74	3.59	2.13	4.76	3.46	2.39	2.21	3.10	1.52	3.22	27.12
July ...	1.81	.86	4.88	3.81	.22	2.36	3.92	2.93	2.77	6.97	30.53
August ...	6.48	6.47	4.05	2.71	.56	3.41	4.28	4.57	1.28	4.21	38.02
September ...	2.72	4.07	3.46	6.24	2.70	4.36	4.80	6.13	.21	4.45	39.14
October ...	1.28	4.96	2.36	4.27	1.37	1.64	3.82	4.00	3.41	9.02	36.03
November ...	9.05	4.55	2.30	7.35	4.65	1.82	3.72	2.41	5.33	5.92	44.610
December ...	3.17	2.77	.98	3.41	4.58	4.17	3.49	4.34	8.07	4.93	39.93
TOTALS ...	46.12	42.33	30.42	46.03	31.04	27.54	37.56	40.74	34.93	51.68	383.39
	D	D	D	D	D	D	D	D	D	D	

Inspected 2.11.55 Mr Deeks. Gauge leaked in funnel. Concrete round gauge. measure certified
 Site of SW, off SW face 40' SW 70°. Recommended re-paint gauge, move 90° NE to proctected
 position.

Letter dd. 7.1.56 from 350A. states Gauge moved 90° to west 2.1.56.

Position of Station on Ordnance One-Inch map : No. of Map 165 National Grid Reference 31/606 604

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
	✓	✓	✓	✓	✓