

Rainfall at Chester Magna Reservoirabout 6 m from BristolSomerset.E. W. Bragg Esq.Diameter of Gauge, 1 in.Height above Ground, 1 ft. .... in.Above Mean Sea Level, 150 ft.L. ann - 1.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -						<sup>0</sup> 2.02	6.04	3.57	5.73	6.34	
February - -						2.89	4.28	2.88	2.38	3.14	
March - - -						1.37	2.17	4.83	1.71	1.83	
April - - -						.74	1.53	4.03	2.60	1.09	
May - - - -						2.79	.82	2.73	1.08	5.43	
June - - - -						1.76	3.78	.85	.87	.70	
July - - - -						4.63	3.02	3.06	.88	1.16	
August - - -						6.15	3.93	2.64	5.78	1.20	
September -						.04	7.07	1.29	3.43	5.41	
October - -						5.62	2.09	3.55	3.81	2.32	
November -						4.22	2.47	1.62	1.87	2.32	
December -						2.64	3.67	1.91	6.17	4.21	
TOTALS -						34.87	40.87	32.96	36.31	35.15	

## RAINFALL AT Chew Magna

Lat.....

Lon.....

County of...

Somerset

Rain Gauge, by.....

Observer

Brith W. W.

L. am - 1.

Diameter .....	.5											
Height .....	1											
Altitude .....	160											
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.44	2.41	7.04	5.10	4.43	5.27	2.82	5.11	1.74	4.49	4.085	
February .....	1.84	1.87	4.50	1.34	2.72	2.50	4.85	2.80	1.76	4.45	2.863	
March .....	1.20	1.44	3.10	4.06	1.77	1.43	4.59	3.00	2.02	1.18	2.379	
April .....	.82	3.89	2.70	1.02	2.40	2.08	3.37	2.79	3.21	2.70	2.498	
May .....	1.23	.74	2.47	2.10	.63	2.75	.51	2.87	6.81	3.33	2.344	
June.....	-.68	1.72	4.50	1.29	.83	3.79	.95	1.04	1.85	5.50	2.215	
July .....	1.25	7.05	3.38	3.51	1.21	5.43	1.60	4.39	1.75	4.38	3.395	
August.....	2.42	1.32	3.23	4.07	5.41	1.31	6.32	4.50	4.94	8.33	4.185	
September.....	1.40	5.31	2.87	2.82	7.28	5.09	7.20	2.57	2.36	4.55	4.145	
October.....	6.83	2.52	4.79	4.07	5.57	6.16	3.10	2.84	6.10	1.67	4.365	
November.....	3.10	.68	4.99	3.17	2.70	5.21	4.66	5.81	3.86	.77	3.503	
December.....	1.80	2.68	5.14	.90	4.00	1.24	7.35	2.64	2.36	1.69	2.980	
TOTALS .....	25.09	31.63	48.71	33.45	38.95	42.26	47.32	40.36	38.76	43.04	38.957	

# RAINFALL AT Chew Magna

80

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

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

County of \_\_\_\_\_

Rain Gauge, by \_\_\_\_\_

Observer \_\_\_\_\_

L. avon - 1.

Diameter ....	5										
Height .....	1.0										
Altitude ....	160 T										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	76	1.29	2.38	4.45	5.11	2.79	4.95	2.95	1.22	1.05	2.695
February ....	4.62	4.09	2.66	4.44	2.02	4.93	94	69	1.39	1.89	2.764
March .....	2.72	2.26	2.44	1.22	3.35	1.33	2.60	3.17	3.60	4.57	2.726
April .....	2.09	.87	4.97	.70	1.61	2.69	3.25	1.41	2.83	4.24	2.466
May .....	.95	2.61	1.66	1.37	2.78	3.22	5.04	2.10	1.82	3.38	2.493
June .....	1.71	3.40	4.71	2.36	3.66	1.40	.95	.96	3.51	.86	2.352
July .....	4.63	2.79	5.07	3.10	4.01	.86	3.50	1.20	7.22	3.21	3.558
August .....	.38	5.90	4.94	2.64	2.77	2.73	3.47	1.89	2.49	5.01	3.222
September....	5.03	2.05	3.39	4.76	2.06	5.65	2.36	4.49	1.55	1.30	3.264
October .....	6.23	2.26	6.07	3.62	1.01	5.41	6.01	3.15	1.41	3.29	3.846
November....	3.40	4.56	5.94	4.98	1.84	5.53	5.10	3.31	6.99	1.71	4.336
December ....	5.30	4.17	5.96	1.86	4.96	1.43	7.45	3.04	3.73	2.59	4.019
TOTALS ....	37.82	36.25	50.19	35.17	35.18	37.96	45.62	28.36	37.76	33.10	37.741



# RAINFALL AT Blew Magna

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

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

County of Somerset

Rain Gauge, by \_\_\_\_\_

Observer Bristol Water Works

L. Ann - 1.

Diameter ....	5										
Height .....	10										
Altitude ....	160 T										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	4.05	3.47	1.51	2.86	3.52	4.14	.57	1.88	.91	5.52	2.843
February ....	.97	.02	1.91	5.57	3.55	16	.62	3.61	2.35	3.93	2.269
March .....	1.54	2.39	.85	.58	2.85	2.93	3.53	5.34	.79	1.02	2.180
April .....	1.69	1.45	1.31	.13	3.09	2.70	.99	3.42	1.97	3.25	2.000
May .....	2.26	3.97	1.50	1.28	1.83	.82	.26	1.26	3.49	2.66	1.933
June .....	4.75	1.77	2.09	1.26	2.50	.60	1.69	2.22	2.03	.89	1.980
July .....	4.28	3.57	2.73	4.02	5.93	4.04	1.70	2.20	.38	.51	2.936
August .....	3.45	8.32	4.77	3.25	3.42	3.85	2.17	6.10	3.08	1.52	3.993
September....	1.61	2.37	3.82	2.75	3.15	1.13	5.84	4.21	1.07	4.27	3.020
October .....	2.06	8.62	3.56	5.97	3.65	4.86	3.40	1.45	5.99	3.59	4.315
November ....	2.64	3.61	3.29	3.01	6.80	5.29	1.07	2.23	3.48	3.40	3.482
December ....	1.50	5.94	1.63	3.86	3.04	2.64	4.57	5.00	4.89	2.74	3.581
TOTALS ....	30.80	45.50	28.97	34.54	43.33	33.16	26.41	38.92	30.43	33.30	34.536

# RAINFALL AT

*Chew Magna*

Lat. ....

Lon. ....

County of

*Somerset North*

Rain Gauge, by

Observer

*Bristol Water Works Co  
J. A. McPherson Esq.*

*L. awn - 1.*

Diameter ..	5										
Height ....	10						14				
Altitude ..	160 T						180 T				
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.01	2.35	1.86	4.55	3.76	.99	5.32	1.83	2.06	1.44	2.917
February ..	6.51	1.10	1.23	2.15	4.11	1.06	2.50	.81	2.01	.65	2.213
March ....	1.64	3.27	1.68	4.82	2.16	5.46	2.65	1.15	3.57	3.11	2.951
April .....	1.61	3.32	1.55	2.84	2.58	2.66	1.20	3.38	2.74	2.76	2.464
May .....	2.66	1.29	2.16	3.76	3.11	.17	3.17	3.08	1.27	1.82	2.249
June .....	2.83	2.32	3.21	5.52	1.48	4.14	2.54	2.94	.57	5.14	3.069
July .....	.82	2.37	2.10	2.64	3.18	.79	1.68	3.09	2.39	3.40	2.246
August ....	3.69	2.36	3.66	5.33	2.88	4.10	2.19	2.96	4.93	2.26	3.436
September ..	.91	1.81	2.26	3.20	1.60	1.93	.96	.70	2.37	3.01	1.875
October ....	4.11	2.26	2.40	9.75	1.47	1.99	5.53	5.89	1.60	5.99	4.099
November ..	3.53	.69	2.93	2.13	2.52	3.08	3.46	3.26	1.35	1.62	2.457
December ..	6.05	5.85	2.62	3.81	2.45	1.39	2.11	6.50	2.97	5.13	3.888
TOTALS ..	39.37	28.99	27.66	50.50	31.30	27.76	33.31	35.59	27.83	36.33	63.864 55.

1905 Pensford Station 3 miles E  
Incl 35 ft high 25 yards NE  
1906 Chew Magna Church 1/2 mile E

*Hills*

RAINFALL at Chew Magna

1918

County of SomersetObserver J. A. McPherson Esq C.E.River Basin Lower Avon 1Sunder Rain Gauge, by \_\_\_\_\_

Diameter ...	5											
Height .....	1.4											
Altitude ...	180											
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS
January	5.33	1.82	4.50	5.49	1.40	4.15	2.77	1.04	3.84	8.77		13.42
February	5.50	2.53	2.75	1.62	3.89	5.56	6.28	1.39	2.20	3.02		12.89
March	.97	4.76	6.22	4.09	5.39	.94	4.29	3.73	1.29	5.33		14.64
April	3.12	2.37	.30	3.48	2.10	1.52	1.82	2.64	3.28	2.40		10.14
May	2.18	1.09	2.28	2.65	1.76	3.97	3.46	2.11	1.78	.78		8.16
June	6.43	2.29	4.34	1.20	2.36	.92	3.28	3.41	1.43	1.35		9.47
July	3.02	1.17	3.78	.59	6.88	4.64	1.14	2.65	5.35	2.31		11.45
August	6.30	2.32	7.59	1.15	2.61	4.97	5.53	9.65	2.85	3.67		21.70
September	.82	1.66	.66	3.32	1.98	1.66	2.25	3.07	8.87	1.60		15.79
October	5.90	2.79	5.13	3.06	2.27	4.17	7.68	6.93	1.85	2.85		19.31
November	5.80	4.89	2.49	3.67	4.63	1.96	3.65	1.13	2.57	2.48		9.83
December	5.97	8.24	6.56	2.64	7.57	6.67	4.71	.63	4.56	7.60		17.50
TOTALS	50.84	35.93	46.60	32.96	40.84	41.13	46.86	38.41	39.87	39.16	41.260	164.20

13.42  
12.89  
14.64  
10.14  
8.16  
9.47  
11.45  
21.70  
15.79  
19.31  
9.83  
17.50  
164.20  
42.66

1910 Trees 30 ft high 27 yards NE

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Pensford	3 Mils	E	Chew Magna	1/2 mile	E



RAINFALL at Chew MagnaCounty of Somersetshire.Observer J. A. de Pheper, Esq., C.E.River Basin Le. ann - /Bristol WLS.Shoosdon Rain Gauge, by \_\_\_\_\_

Diameter ...	5											
Height .....	14										10	
Altitude ...	180											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS:	
January ...	5.32	4.29	3.47	2.40	4.52	3.43	5.36	4.10	6.26	1.26	5.54	Totals. 45.75
February ...	1.76	.37	4.78	7.74	.48	4.62	2.08	3.62	3.37	1.59	.70	31.11
March .....	2.95	2.53	3.34	1.26	1.80	.49	.80	3.24	2.89	.32	2.22	21.84
April .....	5.46	.85	3.28	2.73	3.72	2.02	2.95	1.53	1.33	.98	2.35	27.20
May .....	2.16	2.14	1.04	1.79	4.35	4.85	2.59	1.13	.93	2.40	2.15	25.53
June .....	2.77	.21	1.81	.54	3.03	.03	1.97	3.25	2.25	1.77	.53	19.16
July .....	5.83	.92	4.90	1.76	4.42	4.43	2.53	6.17	4.17	1.47	2.45	39.05
August .....	1.58	2.08	5.00	3.21	5.07	3.96	2.83	5.17	2.85	3.88	6.20	41.83
September...	1.71	2.98	3.17	3.35	3.22	3.97	1.47	6.44	1.48	.65	4.77	33.21
October .....	5.04	1.65	1.94	4.83	6.25	4.44	5.48	2.76	6.36	6.21	3.39	46.35
November...	2.19	2.41	1.92	3.49	3.36	2.55	8.05	3.21	3.33	9.71	4.81	65.03
December...	2.37	2.66	5.28	3.34	5.25	4.48	.59	3.28	4.17	8.45	3.63	44.50
TOTALS...	29.14	23.09	39.93	36.44	45.47	39.27	36.70	43.90	39.39	38.69	38.74	420.76
												446

1920. <sup>40</sup>Feet 30 ft high. 25 ft off N.E.1927 Inspected 6/9 Le. Green Hills. New site  
not so sheltered as last.Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_  
Map, 2 miles to 1 inch Series

Reference No. \_\_\_\_\_

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920.			Pendford	2 m.	E.	Chew Magna	1/2 m.	E.

RAINFALL at Chew MagnaCounty of SomersetshireObserver J. A. McPherson, Esq. C.E.River Basin Lower Avon - 1A. M. Paterson, Esq. C.E.Type of Gauge SnordonAnnual Average 36.3 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S.

660556/26

Diameter	5.										
Height	1.0.										
Altitude	180.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals. Means
January	2.71	4.82	3.67	2.87	.93	3.42	4.74	5.22	5.04	2.66	36.43
February	2.56	.05	4.10	.29	2.92	2.65	5.71	1.45	2.12	2.85	14.70
March	.98	2.20	3.77	2.18	.81	2.71	3.70	.36	1.64	2.92	21.27
April	2.62	3.39	1.01	2.86	4.20	2.15	2.30	.24	3.51	2.39	24.67
May	3.04	5.96	1.95	1.37	1.12	1.29	3.04	1.99	.88	2.83	23.59
June	3.24	1.54	1.17	1.68	5.87	3.21	1.47	1.28	2.58	.88	22.92
July	5.18	4.75	2.01	2.42	1.57	5.85	3.13	3.33	4.86	5.93	39.03
August	5.37	1.75	1.61	3.70	1.77	.47	.84	3.50	3.48	.31	22.80
September	1.86	6.08	2.26	2.54	6.59	3.39	1.94	3.12	1.11	2.71	31.60
October	1.54	6.81	3.12	2.75	6.70	1.68	3.35	6.80	3.06	4.38	40.19
November	4.65	2.12	.60	1.59	6.81	4.36	1.80	5.89	7.76	9.14	44.72
December	1.71	2.45	1.18	7.20	3.85	3.58	1.86	3.49	2.62	2.10	30.04
TOTALS	35.46	41.94	26.45	31.45	43.14	35.16	33.92	36.67	38.66	39.10	361.96

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.F. 1978RAINFALL at Chew Magna

41

County of Somersetshire Observer A.M. Peterson Esq. C.E.River Basin Lower RiverType of Gauge SnowdonAnnual Average 36.3 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S.File No. 660556/26

Diameter	5"				47	082						
Height	1'0"					1						
Altitude	180'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	3.67	3.50	6.03	2.46	2.46	3.32	2.52	6.92	1.09	.63		32.60
February	3.11	.25	2.21	.97	3.56	3.57	1.59	1.88	1.81	6.60		25.56
March	3.74	2.42	1.12	.47	1.14	1.01	6.32	1.94	1.62	1.04		20.82
April	1.32	1.17	1.13	2.89	.96	2.54	2.93	2.09	1.88	2.70		19.61
May	1.60	5.36	2.81	1.22	3.23	4.40	3.07	4.53	4.05	2.10		32.37
June	2.41	.43	1.80	2.76	4.57	3.76	1.91	2.82	.84	1.59		22.89
July	1.72	2.83	2.46	2.64	1.69	1.55	2.68	1.48	1.48	5.68		24.2
August	6.51	4.35	4.55	3.14	2.05	5.31	.91	5.44	1.90	5.99		40.15
September	.67	2.21	2.69	3.50	2.47	5.15	2.05	2.78	2.06	5.82		29.40
October	1.99	5.17	3.24	5.47	4.13	.94	.60	5.01	7.24	1.56		35.35
November	2.32	1.88	2.82	7.28	.43	6.31	2.76	1.69	4.50	6.52		36.51
December	2.21	3.55	2.26	3.59	6.49	3.87	3.02	5.47	2.08	2.14		34.68
TOTALS	31.27	33.12	33.12	36.39	33.18	41.73	30.36	42.05	30.53	42.37		354.74
	D	D	D	D	D	D	D	D	D	D		206

1948 Sept 16  
1950 Total broken bar - P.O. 360.

1951 Tree 40' soft high 72' SW.

311.77

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. 1978 TFI**RAINFALL** at Chew Magna

51

County of SomersetObserver A.M. Paterson Esq. C.E.,River Basin Lower Avon - 1B.W.M. Melville Esq. (1950)Type of Gauge Standard Mk II inspectionAnnual Average 36.3 in. based on 35 years obs. un-weighted.Period of average 1881-1915 Ref RWS37.18 - - - - - 1916-19501916-1950E21724/57File No. 660856/26 P

Diameter ...	5"				4.7	0.82						
Height ...	1' 0"					1						
Altitude ...	180'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.76	3.01	.71	2.60	4.12	4.51						
February ...	4.45	.60	2.09	4.32	2.32	.32						
March ...	3.60	3.27	.86	3.86	1.27	#						
April ...	3.96	1.71	3.54	.73	1.31							
May ...	2.76	4.81	1.97	2.52	4.01							
June ...	.92	3.08	1.81	5.21	2.76							
July ...	1.03	.81	4.49	3.78	.24							
August ...	5.78	5.58	4.07	2.50	.53							
September ...	2.98	3.51	3.99	5.73	2.15							
October ...	1.44	4.60	2.41	4.41	1.50							
November ...	4.56	4.34	2.58	7.05	4.24							
December ...	2.76	2.72	1.18	2.92	4.75							
TOTALS ...	40.70	38.04	29.70	45.63	29.20	Ine.						
	D	D	D	D	D							

1951 October. Tree 40-50 ft. high 7 ft. South-west.

1955. From June on readings only weekly ("temporarily").

Inspected 31.10.55 w. Deane Gauge found gauge certified, site of SW &amp; NE by trees.

Recommended move 100' N. to satisfactory site.

1956: Discontinued with 1st March 1956.

Position of Station on Ordnance One-Inch map :

No. of Map 16.5National Grid Reference 31/569652

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
	✓	✓	✓	✓	
	-	D25-30, -20-21	✓	✓	