

## RAINFALL AT

Chelmsley

New John Matthew

W. Bristol

Somerset.

Lat  $51^{\circ} 24' 30''$  Lon  $2^{\circ} 45' 31''$ Rain { By .....  
Gauge { Diameter.....5.....in.

Height above Ground, ..... ft. 2... in.

Above Mean Sea Level, ...37... ft.

Geo - 2.

YEAR .....									1867	1868	1869	MEANS.
January .....									<sup>A</sup> 4.28	4.81	4.82	
February .....									2.81	1.37	3.82	
March .....									5.78	1.98	1.20	
April .....									2.85	2.10	1.07	
May .....									3.19	1.45	5.06	
June .....									.92	.60	.91	
July .....									2.75	.48	1.24	
August .....									2.28	6.10	1.27	
September ...									1.65	2.93	4.62	
October .....									3.95	3.48	1.93	
November ...									1.04	1.18	2.51	
December .....									1.53	5.42	3.92	
TOTALS .....									33.03	31.90	32.37	

C C C

RAINFALL AT *Yatton Chelvey*

Lat.....

Lon.....

County of.....

*Somerset*

Rain Gauge, by.....

Observer.....

*Rev J. Matthews**Yes - 2.*

Diameter .....	5										
Height .....	5										
Altitude .....	37 <sup>?</sup>										
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.27	2.43	5.83	4.31	3.70						
February.....	1.62	1.64	4.00	1.86	2.90						
March.....	1.81	1.29	2.21	3.98	2.19						
April.....	52	3.29	2.69	.64	1.96						
May.....	1.21	.72	2.27	2.67	.52						
June.....	.41	1.42	3.31	1.94	1.19						
July.....	2.44	5.70	4.38	4.67	1.88						
August.....	1.85	2.47	3.26	3.44	4.66						
September.....	2.16	5.03	5.12	2.87	6.82						
October.....	5.20	2.73	4.21	3.28	4.18						
November.....	2.93	.78	4.20	2.35	1.95						
December.....	1.78	1.98	4.04	.65	3.74 <sup>#</sup>						
TOTALS.....	24.20	29.48	43.52	32.66	35.69						

# RAINFALL AT *Yatton Chelvey*

201.9  
**80**

Lat. ....

Lon. ....

County of *Somerset*

Rain Gauge, by .....

Observer *Bristol W.W.L.*

*Geo - 2.*

Diameter ....			5					7			
Height .....			1. -					10. 0			
Altitude ....											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....			1.95	3.21	2.49	1.23	4.15	2.28	1.10	.74	
February ....			2.02	4.30	1.19	3.22	.54	.57	.84	1.42	
March .....			1.48	.83	1.49	1.27	2.45	1.99	3.31	5.90	
April .....			3.16	.64	1.41	1.77	2.41	1.79	1.55	3.93	
May .....			2.04	.73	1.92	2.49	4.83	1.93	1.96	2.38	
June .....			3.64	2.95	2.39	1.29	.69	.66	3.54	.59	
July .....			6.29	3.36	2.77	.75	3.63	1.38	6.80	2.56	
August .....			4.73	1.97	2.89	1.92	2.57	2.27	2.71	3.24	
September....			3.10	3.25	1.60	3.60	2.58	3.56	1.26	1.76	
October ....			5.40	3.07	.72	4.36	5.05	3.09	1.12	2.40	
November....			3.75	3.21	.75	3.47	4.15	3.03	5.92	1.23	
December ....			3.48	.80	3.52	1.74	4.71	2.26	3.68	1.76	
TOTALS ....			41.04	28.32	23.14	27.16	37.76	24.81	33.79	27.91	

1884 Record unreliable.

1885

RAINFALL AT Yatton Chelvey

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

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

County of Somerset

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

Observer Bristol Water WorksGeo. 2.

Diameter ....	7								8		
Height .....	0 6								10		
Altitude ....	...										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	3.82	3.56	1.45	2.31	3.27	3.77	.51	2.06	.97	5.26	2.698
February ....	.65	.01	2.27	4.35	3.32	.13	.61	3.51	1.35	3.09	1.929
March .....	.91	3.33	.72	.31	2.34	2.40	3.29	4.09	.86	.99	1.924
April .....	1.62	1.01	1.20	.06	2.06	2.64	.83	3.64	1.69	3.32	1.807
May .....	1.52	4.03	1.24	.65	2.52	.97	.44	1.29	3.39	2.23	1.828
June .....	3.87	1.69	2.25	.81	2.55	.77	1.70	2.71	.99	1.16	1.850
July .....	3.98	2.97	4.84	4.29	5.53	4.32	1.16	2.27	.55	.16	3.007
August .....	3.58	7.42	4.55	2.73	3.43	2.88	2.28	9.19	3.31	3.45	4.282
September....	1.44	2.26	3.80	2.62	2.82	1.32	6.76	3.96	1.03	4.17	3.018
October .....	1.66	8.50	2.47	6.53	3.77	4.28	3.88	1.39	6.03	3.75	4.226
November ....	2.48	3.10	2.53	2.24	4.90	4.58	.67	2.23	3.25	2.50	2.848
December ....	1.84	4.71	1.14	3.28	2.43	3.25	4.62	4.77	3.99	2.85	3.288
TOTALS ....	27.37	42.59	28.46	30.18	38.94	31.31	26.75	41.11	27.41	32.93	32.705



## RAINFALL AT

Yatton Chelvey

Lat. ....

Lon. ....

County of

Somerset North

Rain Gauge, by .....

Observer

Bristol Water Works Co.

J. A. McPherson, C.E.

Yrs - 2.

Diameter ..	7				8							
Height ....	0 10				0 8							
Altitude ..	...			56	40	60						
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	4.86	1.43	1.64	4.34	4.07	.84	4.09	1.20	1.48	1.33	2.528	
February ..	5.96	.91	.65	1.36	4.11	.88	2.14	1.70	1.59	.49	1.979	
March ....	1.34	2.70	1.62	3.84	2.48	3.41	2.46	.87	2.69	3.26	2.467	
April .....	.93	4.20	1.09	2.56	1.90	2.46	.87	3.22	2.60	2.70	2.253	
May .....	2.38	.48	1.99	2.76	3.20	.11	3.11	2.17	1.58	1.61	1.939	
June .....	2.54	1.71	2.89	4.15	1.75	4.03	2.20	3.16	.23	3.19	2.585	
July .....	.74	2.48	2.68	1.85	2.55	.66	1.49	2.35	2.20	3.02	2.002	
August ....	2.43	2.42	4.01	4.05	2.87	3.77	3.08	2.47	4.36	2.64	3.210	
September ..	.82	1.67	1.71	3.44	1.63	1.35	1.88	.80	2.42	2.49	1.821	
October ....	3.87	2.09	2.33	8.39	1.68	2.54	4.25	4.95	2.04	6.84	3.898	
November ..	3.77	.26	2.42	1.75	2.42	2.56	3.09	2.33	1.03	1.78	2.141	
December ..	4.54	4.72	2.29	3.46	2.30	1.50	1.33	5.71	2.42	5.14	3.341	
TOTALS ..	34.18	25.07	25.32	41.95	30.96	24.11	29.99	30.93	24.64	34.49	30.166	6.55

1905 Nailsea Station 1 Mile N.W.  
 Chelvey Church 1/2 Mile N.W.  
 House 50 ft high 25 yards W

Hills

10<sup>2042</sup>

## RAINFALL at

Yatton Chelvey

County of Somerset

Observer J. A. MacPherson Esq. C.E.

River Basin Ye. Axe &amp; Brue ?

Smaller Rain Gauge, by

Diameter ...	8											
Height .....	0 8											
Altitude ...	60											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Total
January ...	3.30	1.21	4.27	5.86	1.22	2.89	2.57	.77	3.82	4.65		18.79
February ...	4.46	2.38	2.64	.68	2.96	4.20	5.67	1.70	1.88	2.80		12.05
March .....	.72	2.77	4.59	3.31	4.96	1.16	4.03	3.17	1.52	4.79		13.51
April .....	2.65	1.96	.30	2.82	1.36	1.46	1.50	2.30	2.56	1.83		8.19
May .....	1.77	.63	2.07	2.32	1.90	2.75	3.78	2.40	1.69	.32		8.19
June .....	4.39	2.55	3.80	1.29	2.08	.83	2.87	3.21	1.04	1.57		8.69
July .....	2.07	.05	3.94	.44	3.91	5.15	1.05	2.16	5.26	2.16		10.63
August .....	6.45	2.27	7.91	1.23	2.76	2.80	5.99	8.78	2.45	2.88		20.10
September ...	.22	1.35	.50	3.14	1.77	1.69	1.54	3.48	8.97	1.62		15.61
October ...	4.69	2.84	4.71	3.11	1.82	4.02	6.94	7.23	2.23	2.67		19.07
November ...	4.69	3.97	2.24	3.10	4.04	1.82	3.55	1.08	2.00	1.98		8.61
December ...	4.94	6.66	5.82	1.77	6.02	6.58	4.51	.53	4.66	5.89		15.59
TOTALS ...	40.35	28.64	42.79	29.07	36.80	35.35	44.00	36.81	38.08	33.16		152.05

1910 Train &amp; Home 50 ft high 25400 W

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Naruton	1 Mile	NE	Chelvey	1/2 Mile	NW

RAINFALL at Yalton. (Chelvey) (W.W.)County of SomersetshireObserver J. & C. Phipps, Esq. C.E.River Basin 2 - M. & C.Brinjal W.W.Shawdon Rain Gauge, by

Diameter ...	8											5	
Height .....	0.8								1.0				
Altitude ...	60												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.		
January ...	4.34	3.53	2.70	2.21	4.45	3.79	4.69	3.34	6.03	1.19	5.06	41.33	Totals.
February ...	1.46	2.8	4.11	6.78	4.6	4.39	1.81	3.90	3.18	1.13	1.67	28.17	
March .....	2.46	1.76	2.93	1.36	1.76	1.41	1.69	3.25	2.44	1.49	1.96	19.51	
April .....	3.58	1.77	3.34	2.55	3.12	2.00	3.17	1.44	1.50	1.94	2.81	25.22	
May .....	1.83	2.56	1.99	1.97	4.44	4.69	2.48	1.55	1.11	2.39	1.03	25.04	
June .....	3.02	1.14	1.80	1.68	2.95	1.00	1.68	3.21	2.76	2.12	1.83	20.19	
July .....	4.74	1.62	4.02	2.19	4.78	3.64	2.03	5.19	2.73	1.48	2.34	33.76	
August .....	2.16	3.54	4.36	3.96	6.00	3.48	3.28	4.49	2.87	4.61	4.98	43.73	
September...	1.91	4.23	2.63	3.61	4.04	3.58	1.74	6.29	1.07	1.58	3.70	33.38	
October .....	2.36	2.04	1.38	4.83	6.37	3.96	4.95	2.65	6.15	6.51	3.64	44.84	
November...	1.91	2.01	1.58	3.49	3.43	1.91	8.05	3.28	3.64	9.78	4.42	43.50	
December...	2.23	2.41	4.89	3.29	5.61	4.49	1.53	2.82	3.78	7.34	3.62	41.61	
TOTALS...	32.60	23.89	34.73	36.92	47.41	36.34	35.10	41.41	37.26	38.56	36.06	400.28	

1920. Ins. and Stone Staff. 252.5. off. W.

1927 Inspector 6/9 See Green File.

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
			<u>Nailsea</u>	<u>1 m.</u>	<u>N.E.</u>	<u>Chelvey</u>	<u>1 m.</u>	<u>N.W.</u>



## RAINFALL at Yatton (Chelvey)

County of SomersetshireObserver J. A. McPherson, Esq., C.E.River Basin Yeo, Axe & Brue - 2.A. M. Paterson Esq. C.E.Type of Gauge Snowdon.Annual Average 32.5 in. based on 30 years obs. un-weighted. Period of average 1881-1915 Ref. S.

660556/26

Diameter	5.											
Height	1.0.											
Altitude	60.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	TOTALS	Mean
January	1.96	4.62	3.46	2.38	1.82	3.60	3.98	4.77	5.09	2.45	33.13	
February	1.99	.11	4.15	.36	2.53	2.22	4.94	1.21	2.03	2.00	21.54	
March	1.07	2.38	3.21	1.87	.60	2.79	3.80	.40	1.38	2.56	20.06	
April	2.46	2.93	1.31	2.54	4.44	3.01	2.70	.14	2.82	2.20	24.55	
May	3.31	5.72	2.22	1.43	1.26	1.72	2.36	2.36	.91	3.10	24.39	
June	4.12	1.12	1.05	1.39	4.06	2.89	1.28	1.07	2.00	.90	19.88	
July	4.07	2.91	1.98	.97	1.13	5.56	3.88	3.13	4.52	7.03	35.18	
August	4.34	1.37	2.37	3.10	2.30	.75	1.40	3.69	2.67	.19	22.18	
September	2.70	5.27	2.18	3.00	7.25	2.96	1.61	2.05	.69	2.18	29.89	
October	1.02	7.26	3.07	2.01	6.12	1.86	3.22	5.63	2.70	3.65	36.54	
November	4.27	1.88	0.58	1.33	6.87	4.01	1.84	4.65	6.62	7.90	39.95	
December	2.12	1.67	1.58	7.40	3.94	3.04	1.95	3.51	2.10	1.58	28.89	
TOTALS	33.43	57.24	27.16	24.78	41.32	34.41	32.96	32.61	33.53	35.74	336.18	
	D.	D	D	D	D	D	D	D	D	D	D	

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	Parish Church.	Distance from gauge	Direction



Station No. T.F. 2042

RAINFALL at Yalton (Chelvey)

41

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

River Basin 2-Yeo Ave. &amp; Brue

Type of Gauge. Soudan

Annual Average 32.5 in. based on 30 years obs. un-weighted. Period of average 1881/1915 Ref S

File No. 660556/26

Diameter	5"				408	723						
Height	1' 0"					1						
Altitude	60'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.09	3.57	6.10	1.99	1.87	3.40	2.23	6.28	.88	.96		Totals 30.37
February	3.24	.15	1.79	.65	3.73	2.66	1.52	1.83	1.30	6.14		23.01
March	3.20	2.00	1.05	.28	1.11	1.05	6.37	1.73	1.50	1.55		19.84
April	1.17	.95	1.12	2.95	.97	2.59	2.90	1.85	2.08	2.13		18.71
May	1.73	4.00	2.61	.93	4.27	4.22	2.54	3.93	4.61	2.02		30.86
June	3.43	.22	1.76	3.42	3.57	3.81	1.67	3.08	.64	2.63		24.33
July	2.16	2.93	1.99	2.00	2.23	1.58	3.00	1.52	.85	4.11		22.37
August	4.71	4.11	4.32	2.72	2.60	7.55	.93	5.81	2.98	6.55		41.78
September	.58	1.90	4.01	4.09	2.15	4.60	1.51	3.03	3.32	5.71		30.90
October	1.63	3.56	2.91	4.17	3.80	.97	.53	4.64	8.06	1.80		32.07
November	1.90	1.39	2.28	6.41	.64	4.87	2.75	2.19	3.85	6.96		33.24
December	2.62	3.80	2.10	2.83	5.19	3.04	2.87	4.33	2.54	2.40		31.72
TOTALS	29.46	28.68	32.04	32.44	32.13	40.34	28.82	39.42	32.61	42.96		339.20

Position of Station on reduced Ordnance Survey Map, } No. of Map.....

1 mile to 1 inch Series

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.

Station No. 2042

1011

RAINFALL at Yutton (Chelvey)

51

County of Somerset

Observer A. M. Paterson Esq. C.E.

River Basin Yes - Ave &amp; Bone - 2

R. W. M. Melhuish Esq.

Type of Gauge Snowdon

Annual Average 32.5 in. based on 30 years obs. unweighted. Period of average 1881-1915 Ref. S

35-08 " " 35 " " 1916-1950

File No. 66056/26 P

Diameter ...	5"				428	723						
Height ...	1' 6"					1						
Altitude ...	60'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	4.18	2.74	.80	2.49	3.18	3.78	2.98	2.56	3.46	3.51		29.68
February ...	4.06	.69	1.56	3.31	1.68	.18	3.72	3.93	.29	2.27		21.69
March ...	4.46	3.00	.88	3.37	1.17	.70	2.55	.89	2.86	2.38		22.26
April ...	3.62	1.82	4.40	.74	1.44	2.20	.14	1.13	2.62	1.65		19.76
May ...	2.99	4.29	1.90	1.70	3.94	.83	1.61	3.20	1.45	1.02		22.93
June ...	.90	3.17	2.39	3.67	2.78	2.72	1.50	2.72	1.10	2.28		23.23
July ...	1.37	.94	4.83	4.07	.11	3.16	4.43	1.97	2.90	6.04		29.82
August ...	5.39	5.89	5.46	3.35	.64	7.03	2.56	3.19	1.65	4.90		40.06
September ...	2.60	3.29	3.73	6.18	1.89	3.82	3.71	6.05	.17	4.95		36.39
October ...	.73	4.13	2.87	4.28	1.62	1.66	3.94	2.86	4.10	6.82		33.01
November ...	6.94	4.58	2.20	6.83	3.64	1.09	2.58	2.47	4.46	4.92		39.71
December ...	2.37	2.30	1.20	2.64	3.99	3.85	2.81	3.30	6.93	4.58		33.97
TOTALS ...	39.61	36.84	32.22	42.63	26.08	31.02	32.53	34.27	31.99	45.32		352.51
	D	D	D	D	D	D	D	D	D	D		

Inspected 2.11.55 Mr. Decker. Gauge sound, but in concrete block. Pressure cert. fixed, site o/s true 40' W 50'. Recommended move 40' W to better site. Letter 7.3.56 Encl 3509. Gauge moved 14.1.56.

Position of Station on Ordnance One-Inch map :

No. of Map 165

National Grid Reference 211623679

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

1916-1959 P - accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	-	225-30	✓	✓	