

Marple 9 m.s of Fairfield Top  
(A. & P. Forest Canal)

on West side of the Derbyshire Hills

40 Cx 124  
Cheshire.

Gauge on House top

+ 531 ft. S Level

Upper reservoir - 1.

YEAR --	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January --	1.26				1.56	1.04	2.81	1.20			
February --	.53				.90	.48	.54	2.18			
March --	.19				1.60	1.01	1.16	.75			
April --	.42				.71	1.36	3.46	2.30			
May --	2.02				11	.71	.60	1.23			
June --	2.26				1.15	2.82	1.00	2.57			
July --	4.24				2.00	3.50	2.37	1.33			
August --	3.61				1.97	5.31	2.52	2.50			
September -	3.09				4.21	1.92	.94	4.22			
October --	1.54				1.62	1.94	5.11	2.71			
November -	2.54				1.79	1.20	1.23	2.22			
December -	.40				.22	2.28	1.03	3.16			
TOTALS -	22.10				18.64	23.57	23.57	26.37			

c c c c

0 Man Then 7-32846

147 - 756

40

Marple Top  
Society Gauge

Ex 142

Cheshire.

Float B.A.I

ft + ground

+ Sea Level 531 ft

Upper mercury - 1.

YEAR --	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January --						2.70	2.2	4.15	1.65		
February -						2.5	2.5	.80	3.00		
March - - -						3.1	1.7	1.60	1.05		
April - - -						1.1	3.0	5.00	3.00		
May - - - -						.2	1.45	.85	2.80		
June - - - -						1.8	4.25	2.45	4.10		
July - - - -						4.1	4.75	3.25	1.00		
August - - -						3.2	8.25	3.35	3.80		
September -						5.2	2.75	1.45	7.90		
October - -						2.5	2.70	6.35	5.50		
November -						2.8	1.75	1.70	4.10		
December -						1.20	3.50	1.40	7.00		
TOTALS -						29.40	38.00	32.35	45.70		

Man Rm 7-46  
47 7-55

Marple Top Lock House  
M S & L R

Cheshire.

Maple Top

soil sample

Upper mesay - 1.

YEAR --	1851	1852	1853	1854					1859	MEANS.
January --		3.12	1.94	1.67						1.12
February --		2.52	.46							1.80
March -- -		.33	1.06	.96						3.58
April -- -		.32	.84							2.83
May - - -	1.45	1.13	1.29							.32
June - - -	3.40	3.62	4.64							1.70
July - - -	2.79	2.74	2.02							1.33
August - -	2.66	3.62	2.01							3.71
September -	1.52	1.42	1.58	2.72						2.02
October - -	2.17		2.44	2.37						2.31
November -	1.45	6.60	1.58	3.54						2.58
December -	1.33	2.32	.26	7.21						2.14
TOTALS -				20.12						25.50

c c v c c

c

Morple Top, Lock House  
M.S & L.R.

+ ground 3 ft 6 in 543 ft + m.s.l

Upper Mersey - 1.

YEAR --	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January --	2.56	.20	2.42	5.23	1.38	2.90	3.93	4.12	3.43	2.91	2.908
February --	.45	1.48	.41	.94	3.22	2.50	3.68	3.48	2.06	3.62	2.184
March --	3.64	4.00	4.10	.83	1.90	1.54	1.87	1.38	4.00	1.24	2.450
April --	.89	1.66	3.08	1.38	1.34	1.62	.68	4.57	2.31	1.99	1.952
May --	3.03	.85	4.34	1.90	2.87	3.36	1.87	2.55	1.45	3.42	2.514
June --	4.94	3.56	3.85	3.70	3.11	.91	5.13	1.71	.27	1.23	2.841
July --	1.60	3.84	4.88	2.53	1.68	3.41	3.46	5.11	.37	1.34	2.822
August --	4.05	2.38	3.33	5.73	2.43	3.60	5.17	2.30	2.80	1.95	3.374
September --	1.56	4.01	4.77	5.02	4.25	.48	5.77	2.55	1.60	6.90	3.781
October --	3.58	1.26	5.48	6.50	2.36	6.14	2.42	4.56	3.89	3.22	3.941
November --	1.42	4.66	1.34	3.40	3.25	2.78	5.04	1.78	2.99	4.30	3.096
December --	1.56	2.60	3.22	3.21	1.94	.86	3.95	4.97	7.57	3.53	3.341
TOTALS --	29.28	31.40	41.22	40.37	29.73	30.10	42.97	39.08	32.74	35.65	38254

1868 Average (12 yrs) 32.15

## RAINFALL AT Marple Top Lock

Lat.....

Lon.....

County of Cheshire.

..... Rain Gauge, by.....

Observer M S &amp; L R

Upper Mersey - 1.

Diameter .....	9										
Height .....	3.6										
Altitude .....	543										
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	3.07	-3.34	5.06	3.24	3.37	3.18	1.94	5.14	4.21	1.40	3.098
February.....	-1.00	1.48	1.96	4.45	1.24	88	3.36	4.63	1.70	2.82	1.952
March.....	2.56	1.86	3.97	2.50	3.20	.60	3.72	3.18	1.35	1.48	2.442
April.....	2.44	3.67	4.57	3.56	1.38	1.10	2.41	2.31	1.90	1.97	2.231
May.....	1.57	2.10	2.77	1.93	1.28	2.14	1.57	3.40	3.83	1.76	2.235
June.....	1.36	+4.94	6.69	1.94	93	2.76	4.41	1.97	2.79	4.50	3.229
July.....	1.43	4.19	6.89	4.86	1.51	4.29	2.67	4.76	.90	3.87	3.537
August.....	2.25	1.05	3.06	3.25	4.60	2.66	3.50	4.40	4.76	5.90	3.543
September.....	2.41	3.47	6.59	2.20	4.58	3.78	4.23	2.56	4.11	2.49	3.642
October.....	+8.86	2.06	5.98	2.93	4.57	3.64	2.07	4.21	3.47	2.82	4.061
November.....	3.93	1.01	3.41	1.90	5.32	4.66	3.57	5.20	2.84	1.39	3.323
December.....	2.10	1.57	3.40	74	3.24	2.05	4.76	3.10	2.86	2.67	2.649
TOTALS .....	32.98	27.74	54.35	26.53	35.22	31.74	38.21	44.86	34.72	33.07	35.942

C C C

## RAINFALL AT Marple Top Lock

80

Lat.

Lon.

County of Cheshire

Rain Gauge, by

Observer M. S. &amp; L. R. Co.

Upper Merey - 1

Diameter .....	9										
Height .....	3.6										
Altitude .....	543 T										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	.48	.41	2.78	4.11	4.34	1.59	5.99	1.82	1.85	1.66	2.503
February .....	2.97	5.02	3.21	2.38	2.42	2.50	.67	.77	1.79	2.35	2.408
March .....	2.47	4.37	1.88	1.28	2.39	2.13	2.77	1.71	2.61	3.65	2.526
April .....	1.74	1.15	3.00	1.79	1.45	1.50	2.20	1.26	2.68	2.29	1.906
May .....	2.65	3.06	1.62	1.20	1.66	2.36	5.68	2.29	1.08	2.19	2.379
June .....	3.06	2.00	6.44	3.54	1.25	3.35	1.68	.68	2.47	.51	2.498
July .....	5.81	2.90	5.18	2.81	3.73	1.61	4.11	1.33	5.18	3.11	3.577
August .....	2.06	5.07	3.08	3.39	2.33	2.00	1.91	2.07	4.41	5.49	3.181
September .....	5.32	2.62	2.19	5.17	2.80	4.44	3.28	3.52	1.83	3.35	3.452
October .....	2.86	2.99	3.58	5.12	2.68	6.99	6.26	2.20	1.82	3.69	3.819
November .....	3.74	3.24	6.09	3.29	2.00	3.19	2.37	1.33	6.50	1.87	3.362
December .....	5.36	3.77	4.65	3.19	3.39	2.57	5.42	2.87	2.17	2.44	3.583
TOTALS .....	38.52	36.60	43.70	37.27	30.44	34.23	42.34	21.85	34.39	32.60	35.194

RAINFALL AT Marple Top Lock

Lat.

Lon.

County of Cheshire

Rain Gauge, by

Observer MSLR Co

Upper Merey - 1.

Diameter ....	9										
Height .....	3	6									
Altitude ....	543	T									
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....	3.56	2.38	3.29	1.61	2.60	2.29	1.29	1.28	1.83	3.68	2.381
February .....	.52	.35	2.49	3.89	3.99	.43	1.94	2.23	2.14	.77	1.875
March .....	3.68	1.95	1.13	.72	2.74	3.41	4.80	2.73	1.29	1.87	2.432
April .....	.74	2.12	1.52	.86	1.57	1.65	1.77	2.84	2.26	3.33	1.866
May .....	2.58	3.19	4.20	2.59	2.43	1.05	.53	1.94	3.47	2.22	2.420
June .....	3.53	2.84	3.92	1.77	3.97	2.16	3.13	3.31	2.21	2.20	2.904
July .....	3.45	3.25	3.68	3.21	2.42	5.65	1.44	2.22	.70	1.46	2.748
August .....	4.36	5.61	4.12	2.25	4.44	3.78	2.59	2.97	5.74	1.67	3.753
September....	.90	3.48	3.63	3.48	1.03	.95	5.33	4.35	.57	5.15	2.887
October.....	2.77	5.03	6.25	2.21	3.56	3.13	3.76	1.51	3.46	3.03	3.471
November....	5.19	2.21	2.27	2.46	2.70	2.90	1.28	4.88	2.55	1.48	2.792
December....	.29	5.48	2.86	3.71	3.17	3.88	3.80	3.29	4.41	2.80	3.369
TOTALS .....	31.57	37.89	39.36	28.76	34.62	31.28	31.66	33.55	30.63	29.66	32.898

1860-

## RAINFALL AT Marple Top Lock

Lat.

Lon.

County of

Cheshire

Rain Gauge, by

Observer Gt Central Railway

Upper Mersey - 1.

Diameter ..	9										
Height ....	3. 6										
Altitude ..	523 T										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.25	1.99	2.56	2.46	3.20	1.85	3.67	1.28	2.31	1.64	2.521
February ..	3.14	1.38	1.24	2.56	3.05	1.72	3.20	2.15	3.12	2.27	2.383
March .....	1.04	2.45	1.95	3.98	1.84	3.51	2.59	2.72	2.89	3.06	2.603
April .....	2.33	2.05	1.83	1.74	1.83	2.33	2.19	1.25	1.93	2.08	1.956
May .....	1.62	.66	3.39	2.63	3.35	.87	2.80	3.49	2.38	1.63	2.282
June .....	4.39	1.38	.79	1.05	1.03	2.44	1.34	4.42	2.21	2.45	2.150
July .....	2.73	2.65	1.75	2.85	1.09	2.02	2.03	3.38	4.53	4.50	2.753
August .....	4.36	1.78	3.58	3.42	4.44	3.85	2.96	3.84	3.55	3.12	3.485
September..	1.16	.77	.97	4.44	1.13	2.20	1.68	.55	3.23	2.21	1.834
October....	3.29	2.90	4.12	7.24	1.24	2.78	5.27	3.40	.85	4.98	3.607
November ..	2.07	4.17	1.26	2.98	2.62	2.77	2.46	2.32	2.82	1.29	2.476
December ..	3.42	5.26	2.69	1.42	2.03	.49	3.24	2.32	2.74	6.40	3.001
TOTALS ..	33.80	27.44	26.08	36.77	26.85	26.83	33.43	31.12	32.56	35.63	31.051 554 ✓

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RAINFALL at Maple Top LockCounty of CheshireObserver Great Central Railway CoRiver Basin Upper Mersey

Rain Gauge, by

Diameter ...	9												
Height .....	3.6												
Altitude ...	523T												
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.		
January ...	3.72	1.31	2.81	3.42	1.97	4.87	2.69	2.72	2.25	3.58			
February ...	2.83	2.72	1.01	1.00	2.19	3.39	5.19	.94	3.88	1.08			
March .....	.55	1.68	4.34	3.84	3.73	1.33	2.29	1.79	1.31	5.12			
April .....	3.83	2.42	.79	3.98	2.02	1.46	2.34	2.58	1.35	1.87			
May .....	2.70	3.27	2.69	2.56	2.46	1.28	2.28	1.67	2.11	1.88			
June .....	2.42	2.78	4.06	2.12	2.21	1.59	3.48	2.21	1.21	2.26			
July .....	4.62	.48	3.21	1.34	3.49	3.98	2.01	1.78	5.17	2.26			
August .....	4.93	2.79	6.51	2.43	2.77	5.19	2.62	4.64	3.08	3.54			
September ..	.27	3.85	1.85	1.08	2.48	.65	2.43	1.94	8.23	1.68			
October ...	2.19	2.28	2.77	1.65	1.50	1.14	4.37	4.65	2.08	2.56			
November ...	4.22	2.76	2.39	2.92	4.74	1.89	2.62	3.66	1.66	2.39			
December ...	3.23	5.16	4.39	2.67	4.84	5.77	2.44	2.00	5.93	5.55			
TOTALS ...	35.51	31.50	36.82	29.01	34.40	32.54	34.76	30.58	38.26	33.77			

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

## RAINFALL at Marple Top Lock

County of Cheshire

Observer Great Central Railway

River Basin Upper Mersey 1

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

Diameter ...	9									
Height .....	3.6									
Altitude ...	523									
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	MEANS.
January ...	5.14	4.85	3.08							
February ...	3.25	4.6	3.73							
March .....	2.59	2.44	2.03							
April .....	4.29	1.53	2.79							
May .....	4.81	1.76	1.14							
June .....	2.38	4.4	2.41							
July .....	5.90	1.06	4.52							
August .....	2.23	4.78	4.35							
September...	2.50	1.20	3.29							
October.....	1.34	2.12	5.24							
November...	.92	1.93	2.48							
December...	2.26	4.47	3.47							
TOTALS...	37.61	27.04	33.83	#						

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	Parish Church.	Distance from gauge