

METEOROLOGICAL OFFICE.

RAINFALL

Station Shirburn Castle [observatory]
 County Oxfordshire
 Authority [Earl of Macclesfield]
 Source MS: Bodleian Library, Oxford.
 File TF / MWR / m / a
 No. 263835
 (Old No.)
 Grid Ref. SU (41) 696959
 Altitude 107 m. ft.
 River Basin Thames
 Tributary Thames

YEAR	1779	1780	Means
January ...		1.12	
February63	
March ...		1.11	
April ...		2.19	
May ...		1.37	
June ...		1.44	
July ...		2.08	
August ...		1.19	
September		2.92	
October ...		2.76 2.86	
November		2.06 2.40	
December	4.67	.07	
TOTAL ...	inc	19.38	
Percentage			

AVERAGE ANNUAL RAINFALL

Actual Estimated from data for:-

1881-1915	in.	
1916-1950	in.	
	in.	

Type and capacity of gauge 12" diameter, circular; [New funnel: Sept 1779]

*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

See "Meteorological Magazine" 108, Feb. 1979 "An Eighteenth Century rainfall record at Shirburn Castle, Oxfordshire" - C. G. Smith (Sch. of Geog., Oxford Univ.)

Details of site not known

Earliest year with complete data (D : W : M) 10/1779

*NOTES on years with incomplete or unsatisfactory data:-

*Each note to be dated. Continue notes overleaf if necessary.

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Savile MS: Bodleian Library, Oxford

File TP / MWR / m / a Tributary Name

YEAR	1781	1782	1783	1784	1785	1786	1787	1788	1789	1790	Means
January ...	1.66	2.07	1.59	1.60	1.62	2.85	1.32	.79	2.46	1.48	
February ...	1.75	.62	3.16	.65	1.02	.59	1.96	2.58	1.90	.20	
March08	2.73	1.33	1.97	.25	1.21	2.75	.91	1.69	.43	
April ...	1.14	2.56	.57	3.23	.28	.82	.87	.50	1.24	2.02	
May ...	1.56	3.77	2.35	2.30	.76	2.31	1.60	.48	2.43	2.87	
June ...	3.36	1.35	2.70	2.45	1.61	1.21	1.13	2.78	4.66	1.24	
July ...	1.78	5.13	2.33	2.51	1.40	.49	5.65	.92	4.13	2.36	
August ...	1.39	4.38	2.05	2.40	2.33	1.66	1.17	4.00	1.19	2.35	
September ...	2.67	2.51	2.74	2.00	4.63	2.99	1.49	2.38	2.89	.70	
October32	1.18	.64	.34	2.54	3.83	2.57	.20	3.48	.65	
November ...	2.95	1.46	1.56	2.73	1.89	2.12	1.56	.59	1.43	3.73	
December ...	1.87	.74	.94	1.80	1.91	2.10	2.81	.37	1.53	2.69	
TOTAL ...	20.53	28.50	21.96	23.98	20.24	22.18	23.88	16.50	29.03	20.72	
Percentage ...											

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1916-1950 in.

in.

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Savile MS : Bodleian Library, Oxford
 File TP / MWR / m / a Altitude 107m ft.
 River Basin Thames
 Tributary Thame

YEAR	1791	1792	1793	1794	1795					Means
January ...	3.17	3.23?	2.42	.53	.66					
February ...	1.52	.57	1.28	1.06	1.93					
March80	1.92	1.73	1.36	2.55					
April ...	1.48	3.20	2.04	2.20	1.05?					
May91	2.06	1.82	2.23	.68?					
June59	2.95	.65	.65	1.73?					
July ...	2.76	3.15	2.52	2.84	2.66?					
August ...	1.42	3.52	1.70	1.98	1.44?					
September70	4.00	4.61	2.86	.53?					
October ...	3.15	3.83	.97	3.33	4.12?					
November ...	4.45	.93	1.80	5.09						
December ...	2.15	1.48	1.98	2.19						
TOTAL, ...	23.10	30.84	23.52	26.32						
Percentage ...										

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Earliest year with complete data (D : W : M) 10/1779

*NOTES on years with incomplete or unsatisfactory data:-

1792 Jan : "Could be 2.73"

1795 Apr - Oct : "values are doubtful"

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