

# RAINFALL AT *Aylesbury* *Mentmore*

70

Lat..... Lon..... County of *Buckingham*  
 Rain Gauge, by..... Observer... *J. Smith*

*2. Shams, Shams.*

Diameter.....												
Height.....												
Altitude.....												
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....							1.77	3.47	.82	2.04		
February.....							2.42	2.00	.82	3.05		
March.....							2.77	1.94	.77	.61		
April.....							3.11	2.09	2.76	2.41		
May.....							.69	2.80	4.41	2.61		
June.....							1.04	.44	2.03	3.68		
July.....							.84	3.08	.68	3.88		
August.....						# 1.30	1.29	2.42	2.33	4.64		
September.....						2.30	5.33	3.00		2.19		
October.....						5.27	1.01		1.52	.70		
November.....						3.47	4.08	7.05	2.82	1.00		
December.....						4.9	4.92		2.02	1.15		
TOTALS.....							29.47	28.29		27.96		

RAINFALL AT *Mentmore, Aylesbury*

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

Lon. \_\_\_\_\_ County of Gruen

County of Bucks

Rain Gauge, by

Observer *Mr. L. Smith*

2. *Phlox-Phlox*

Diameter . . . .	5					6				5	
Height . . . . .	1.6										
Altitude . . . .	422										
Year . . . . .	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January . . . .	30	1.92	1.23	2.03	1.63	1.65	3.18	3.50	.40	.82	
February . . . .	2.18	2.53	1.01	3.60	.94	1.93	.83	1.00	1.57	1.41	
March . . . . .	1.20	1.14	1.30	.57	.83	1.13	1.50	.50	1.90	1.48	
April . . . . .	1.57	.43	2.65	2.00	1.70	2.27	1.12	1.20	1.33	3.02	
May . . . . .	1.11	.94	.80	2.73	.67	2.09	4.75	1.90	1.20	3.04	
June . . . . .	1.45	2.78	2.90	.46	1.62	1.03	2.00	2.48	2.08	.95	
July . . . . .	6.29	1.97	1.56	3.63	1.90	.24	2.00	.44	3.72	3.41	
August . . . . .	.91	4.87	2.00	.32	2.40	2.16	1.60	.50	2.05	2.50	
September . . .	4.45	1.44	2.45	6.00	2.00	3.99		2.68	2.00	2.00	
October . . . .	5.04	2.40	5.52	2.01		3.68	4.02	1.44	.50	2.77	
November . . .	1.89	2.26	2.49	2.30	.50	4.11	2.88	2.18	3.83	.99	
December . . .	3.01	4.01	4.21	1.36	2.94	1.05		1.47	2.25	1.46	
TOTALS . . . .	29.40	26.69	28.12	27.01		25.33		19.29	22.83	23.85	

1880. Mentmore,  $\frac{1}{4}$  mile. N.

1886 Returns for Sept. & Dec. wrong

# RAINFALL AT Aylesbury Montmore

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

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

County of Bucks

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

Observer J. Smith Esq

2 - Same - Same

Diameter ....	5											
Height .....	1 6					1 1						
Altitude ....												
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	1.98	2.04	.85	1.73	1.71	2.01	.68	2.40	.95	2.62	1.697	
February ....	.54	.00	.85	3.06	1.49	.60	.46	1.18	.82	1.79	1.049	
March .....	2.39	.93	.86	.18	.91	1.74	3.14	3.06	1.20	.66	1.507	
April .....	1.00	1.00	.85	.19	1.80	1.49	.81	1.90	1.14	2.90	1.308	
May .....	1.04	2.65	.95	1.54	1.52	.95	.40	1.43	2.46	2.73	1.567	
June .....	2.20	1.08	1.44	.48	2.46	.51	2.46	2.10	1.92	1.03	1.568	
July .....	3.65	1.90	3.07	3.15	3.06	3.40	.60	1.62	.90	3.33	2.468	
August .....	2.85	4.86	3.04	.96	2.72	3.22	2.97	2.85	1.01	.87	2.535	
September....	.71	1.45	2.74	1.24	1.86	.83	5.57	2.28	.36	2.30	1.934	
October .....	.17	6.17	3.17	2.99	3.01	2.33	1.99	.78	2.71	2.07	2.529	
November....	.32	2.48	1.77	2.48	4.60	2.53	1.68	1.49	1.93	3.36	2.264	
December ....	.34	4.46	1.35	1.82	1.84	2.69	2.80	2.36	2.91	1.09	2.166	
TOTALS ....	17.19	29.02	20.94	19.82	26.98	22.30	23.56	23.45	18.31	24.75	22.632	

1890 Sept: to Dec: Much too small.



RAINFALL AT *Mentmore*

Lat. ....

Lon. ....

County of *Bucks*

Rain Gauge, by

Observer *J. Smith Esq**2 - Same - Same.**my gage for*

Diameter ..	5										
Height ....	1 1		1 6	1.2							
Altitude ..	...										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.37	.66	.56	1.93	2.18	.94	3.29	1.36	1.78	.95	1.602
February ..	3.16	.83	.92	1.24	2.58	.58	1.62	.89	.93	.46	1.321
March ....	.46	2.14	1.40	1.68	1.29	2.56	1.64	1.09	2.70	2.72	1.768
April .....	.54	2.15	.75	2.18	1.74	2.01	.57	3.20	3.08	2.00	1.822
May .....	2.23	1.65	2.19	2.03	2.44	1.12	1.43	4.60	2.00	1.72	2.141
June .....	2.09	.79	1.84	5.29	.90	3.54	2.55	2.33	.89	3.48	2.370
July .....	1.38	2.02	1.99	2.85	3.53	1.44	1.52	1.94	2.62	3.44	2.273
August ....	3.72	2.57	3.41	4.17	1.46	2.84	1.10	1.87	2.37	1.84	2.535
September..	.38	2.31	.82	.98	1.10	1.50	1.30	.54	1.30	2.27	1.250
October....	2.41	2.21	1.57	(10.00)	1.10	1.35	4.75	4.31	1.74	4.67	3.411
November..	1.47	.66	1.86	(3.20)	1.60	2.30	3.50	2.05	1.03	.90	1.857
December ..	2.87	3.04	.55	(3.18)	2.08	.90	2.06	3.68	1.55	2.11	2.202
TOTALS ..	23.08	21.03	17.86	38.73	22.00	21.08	25.33	27.86	21.99	26.56	24.552

imp'd 5

1903 Mentmore Church 380 yards N.E. 1909

Cheddington Station 2 Miles S.E.

1904 Tree, 30 ft high 5 yards S.E.

1906 House 30. 26 ft S

Feb'y 12 fence moved 1 ft S

1903. Oct Nov. Dec. apparatused for purpose of average VII. 11

RAINFALL at Mentmore GardensCounty of BuckinghamshireObserver W. J. MacfayRiver Basin Thames - Home 2

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

Diameter ...	5										
Height .....	1.2										
Altitude ...	400?										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.72	.91	2.92	2.58	.82	2.96	1.36	1.70	2.00	2.44	
February ...	2.28	1.34	1.70	.91	1.75	3.43	3.32	1.14	1.07	2.03	
March .....	.91	2.30	2.87	2.07	4.13	1.49	4.45	1.50	.56	3.81	
April .....	1.85	.92	.06	2.87	.86	.94	1.16	1.63	4.25	2.70	
May .....	2.45	.72	2.70	2.20	1.04	2.52	1.55	2.00	3.35	.31	
June .....	2.10	1.53	2.70	1.11	2.46	.26	3.18	1.67	.61	1.23	
July .....	2.10	.41	4.82	1.47	2.36	4.32	2.40	5.05	4.05	2.58	
August .....	3.85	1.02	5.66	1.00	1.58	2.50	2.70	4.15	1.11	2.90	
September ..	.54	1.22	1.76	1.45	.93	2.16	1.60	2.07	5.41	2.19	
October ...	2.96	1.72	2.63	3.50	3.00	2.07	3.60	5.25	1.60	1.52	
November ..	4.30	2.88	2.16	3.35	2.50	2.17	2.59	.95	2.23	1.69	
December ...	3.58	4.43	2.83	.66	6.20	4.70	2.96	.73	2.60	4.92	
TOTALS ...	28.64	19.40	32.82	23.20	27.63	29.52	30.87	27.84	28.84	28.32	

1910 August 20 30 ft high 17 ft N  
House 30 . . 26 . . S

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Cheddington	2 Miles	SE	Mentmore	35 3/40 350 yds	NE

RAINFALL at Mentmore GardensCounty of BuckinghamshireObserver Mr. J. Mac GregorRiver Basin Thames-Thames 21924 Mr. D. Wilmshurst(1926) Glaisher Rain Gauge, by  
(1928) M.O.1926 T. Lindores

Diameter ...	5"										
Height .....	1	3									
Altitude ...	400										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Mean 1930.
January ...	2.22	2.05	2.42	1.42	2.52	1.39	2.67		3.42	1.79	2.96
February ...	.67	.46	1.93	3.34	.46	2.95	2.09		2.51	.44	.87
March .....	1.77	.88	1.55	2.18	1.14	.70	.17		1.03	.00	1.30
April .....	2.86	1.09	3.62	2.00	3.22	2.28	2.93		1.13	1.54	2.09
May .....	1.75	1.73	.88	1.33	8.13	2.04	2.52		1.52	1.55	2.81
June .....	3.10	.13	1.29	.50	2.70	.01	2.77		2.23	.77	1.77
July .....	4.45	.54	4.30	2.96	3.58	4.83	2.50		2.82	1.29	2.58
August .....	1.16	1.60	4.18	3.03	1.98	2.92	1.76		2.10	.73	3.43
September...	1.77	1.84	1.40	2.73	3.32	2.14	1.92		.67	.22	3.60
October .....	1.24	.99	.66	4.93	3.53	2.95	1.55		4.01	4.39	1.29
November...	.97	2.42	1.15	1.32	2.96	1.55	3.81		2.83	6.27	4.40
December...	1.82	1.69	2.25	2.68	2.30	1.40	.62		2.46	4.52	2.75
TOTALS...	23.78	15.22	25.63	28.42	35.84	26.16	25.31	NR	26.28	23.51	29.85
						D	D		d	d	d.

1920. Evergreen Tree 39 ft high 17 ft N.

1926 House 35 ft high 22 ft N.W.

1927 Obs lost

1928 House 30-35 ft high 60' South.  
Trees 30-50 " " 50' S.W.

1930. G. moved 2nd Jan. 1930 100 ft. S. from gauge.

House 30-35' high 60' N.W.

Tree " 50 " 50' S.W.

Read 7 am in winter, and 8 am in summer.

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
1920			Cheddington	2 mi.	S E	St. Mary's	350 yds	N E
						Mentmore	200 yds	N.W.



RAINFALL at Menkmore GardensCounty of BuckinghamshireObserver Mr. T. LindoresRiver Basin Thames (Cheney)Type of Gauge No. 111 gauge frame - 2Annual Average 25.0 in. based on 49 years obs. ~~un~~-weighted. Period of average 1881-1915. Ref. S. 932727 28

Diameter	5.										
Height	1.3.										
Altitude	400.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.28	1.54			1.33	2.88	3.85	2.66	3.54	2.33	
February	1.88	.17			3.09	1.67	3.84	.75	.70	1.42	
March	.46	1.66			.58	1.38	2.89	.55	1.43	2.55	
April	3.48	2.25			3.10	1.17	3.27	.07	1.48	1.60	
May	2.65	5.48			1.27	.92	3.89	1.67	1.99	1.90	
June	1.69	.44			3.22	3.71	2.41	.58	2.16	1.85	
July	5.02	4.84			1.09	5.80	1.36	1.66	2.61	2.54	
August	2.79	2.62			1.50	.36	1.37	2.69	2.36	.10	
September	2.53	2.62			4.34	3.31	2.11	1.63	1.12	1.01	
October	.89	5.24			3.86	1.79	2.94	2.65	4.84	2.62	
November	2.78	1.55			3.42	2.61	1.28	2.83	3.56	8.29	
December	.81	.53			1.99	1.61	2.80	2.71	2.31	1.22	
TOTALS	26.26	28.54	N.O.	N.O.	28.79	27.21	32.01	20.45	28.10	27.43	

1931. House 30-35 ft. High 60 ft. S.E.

Trees 30-52 " " 50 " S.W.

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
1931			Cheddington	2 mi.	S.E.	Menkmore	200 yds.	N.W.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 991

41

RAINFALL at Mentmore GardensCounty of BuckinghamshireObserver Mr. J. LindoresRiver Basin Thames Thame-2Type of Gauge GlaisherAnnual Average 25.0 in. based on 47 years obs. un-weighted. Period of average 1881-1915 Ref SFile No. 8.3.27/28

Diameter	5			2 1/2	6 3/8						
Height	1	3			1						
Altitude	400				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.35	2.87	3.72	1.48	1.42	1.10	1.13	4.17	1.07	1.84	
February	1.75	.83	.88	1.16	1.42	2.12	1.09	1.01	1.00	3.90	
March	3.17	1.40	.50	.23	.76	1.16	4.31	.54	1.33	1.56	
April	2.21	1.25	.82	1.60	1.12	1.09	2.37	1.35	1.61	2.19	
May	2.10	2.70	2.50	.52	1.81	2.39	1.44	3.08	2.11	2.89	
June	1.47	.39	2.22	1.68	2.34	3.52	1.71	2.43	1.38	1.52	
July	6.41	2.20	.96	1.70	1.92	1.93	.90	1.10	1.26	5.24	
August	4.52	2.19	1.86	2.09	1.62	3.40	.31	2.36	1.66	3.16	
September	.50	.98	1.45	2.31	1.90	5.03	1.13	1.76	.99	2.78	
October	1.55	2.89	2.21	3.10	2.82	1.10	.29	2.52	5.82	1.50	
November	2.62	1.44	1.23	3.01	.67	4.65	1.15	1.79	3.67	4.84	
December	1.32	2.52	.87	1.19	3.03	1.94	2.55	1.86	1.49	1.97	
TOTALS	29.97	21.66	19.22	20.04	20.83	29.43	18.38	23.97	23.89	30.39	

House 30' high 60' W. Trees 30-50' high 50' S.W.

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.
1941			Cheddington	2 m.	S.E.	Mentmore	200 yds	N.W.

BRITISH RAINFALL ORGANIZATION



## RAINFALL at MENTMORE GARDENS

51

County of BUCKINGHAMSHIREObserver M. T. LINDERSRiver Basin THAMES - W. Thames & 2Type of Gauge GLAISHERAnnual Average 25.0 in. based on 49 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref 5  
" " 26.42 " " 23 " " Within 1931-56 " " " 1916-1950 832727/28 5  
File No.

Diameter in.	5			261	698						
Height ft. in.	1 3				1						
Altitude ft.	400				51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.91	1.63	.92	1.27	2.54	3.53	1.53	3.17	3.62	2.78	
February	4.32	.56	1.57	2.31	1.03	.95	3.51	2.63	.08	2.39	
March	3.38	2.32	.92	2.05	1.65	.81	1.21	1.60	2.25	1.20	
April	3.04	1.71	1.93	.63	.28	1.25	.08	1.61	2.46	.71	
May	2.84	2.49	2.25	3.44	5.83	.48	1.34	1.27	.66	1.73	
June	1.27	.97	1.90	3.29	2.79	2.46	1.11	5.01	1.71	2.80	
July	1.61	.45	3.02	3.65	.47	2.80	3.87	2.70	3.61	4.93	
August	4.11	2.82	4.24	4.35	.44	5.58	2.19	3.74	1.07	2.33	
September	2.55	3.56	1.92	1.65	2.60	3.20	4.01	4.28	.40	4.04	
October	1.28	3.61	2.33	2.17	3.21	2.29	2.14	3.20	2.05	4.91	
November	4.60	3.78	1.62	5.16	1.09	.91	2.96	3.11	2.30	4.30	
December	1.65	3.54	.75	2.83	3.30	3.14	2.71	2.57	4.32	3.46	
TOTALS	38.36	27.42	23.27	32.80	25.23	26.80	26.66	34.79	24.55	35.58	

1951 Corr. for wrong day. House 30 ft. high, 60 ft. W. Trees 30-50 ft. high, 50 ft. S.W.  
 1954 Gauge read 7 am. Summer, 7 am. Winter.  
 1954. June, July. app. 19.03(b).

J.H.S.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SP(42) 906196

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Cheddington	2 mi. SE.	Mentmore	200 yd. SW.

Summary of Earlier Records from 10-year Sheets :

Record D. or d	1910-19	1920-30	1931-40	1941-50	1951-60
C Aug 1875	✓	✓ NR 27	✓ NR 33, 34	✓	
	✓	✓ bkr 128-30	✓ bkr 037-40	✓ bkr d 41-45	