

Rainfall at Cobham Lodge Cobham Surrey E v 20

Y 208

Survey of Thames - Molesworth.

Observer Miss Molesworth Authority P.P. return.

40 ft from N corner of Lodge, soil loam or clay.

Howard's gauge 1 ft above grass.

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -						1.12	.43	.90	4.69	1.75	
February - -						.63	2.09	.38	1.24	1.09	
March - - -						1.26	1.94	2.72	1.01	.40	
April - - -						1.56	.45	1.12	2.47	5.63	
May - - - -						2.03	2.42	1.76	2.13	.85	
June - - - -						1.16	.48	.75	1.96	2.58	
July - - - -						.23	2.44	1.07	5.07	4.63	
August - - -						2.87	1.34	1.97	2.34	4.14	
September -						2.21	5.17	3.62	2.56	3.48	
October - -						3.16	1.69	4.16	1.42	1.48	
November -					#2.96	3.77	3.33	1.31	1.01	1.61	
December -					3.24	2.85	1.81	3.46	2.22	.42	
TOTALS -						22.85	25.59	23.22	28.12	27.06	

C C C C C C

1826 July 23 = 1.60

See next sheet

RAINFALL AT *Cobham*

Y308.

Observer

*Miss Moleworth**Survey*

Rain

By

Gauge

Diameter.....in.

Height above Ground.....ft.....in.

Above Mean Sea Level.....ft.

Survey of Thames. Mole 42.

YEAR.....							1826	1827	1828	1829	MEANS:
January.....							.38	.90	3.85	73	
February							2.09	.77	1.09	1.09	
March							1.94	2.39	1.01	.46	
April .....							.45	1.06	2.47	5.57	
May							2.48	1.76	2.13	85	
June .....							.48	.76	1.96	2.84	
July.....							2.38	1.06	5.08	4.45	
August.....							1.67	1.97	2.34	4.07	
September.....							4.88	3.62	2.75	3.47	
October.....							1.65	4.16	1.23	1.48	
November.....							3.83	1.47	1.01	1.61	
December.....							1.81	3.49	2.24	.42	
TOTALS.....							23.54	23.41	27.16	27.04	

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*from Mrs. copy in Dr. Am. J. 24.10.12**cor. for wrong day.*

Rainfall at Cobham Lodge Surrey E. 30

1308

Observer Miss Molesworth - Authority P.P. return.
 Survey of Thames. Molesworth.

Howard's Gauge 1 ft. above the grass.

YEAR - -	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	MEANS.
January - -	2.12	1.21	1.25	.59	4.08	.89	1.93	2.34	.26	1.32	1.599
February - -	.95	2.53	.29	4.09	.37	2.54	2.00	2.47	1.65	1.37	1.826
March - - -	.24	2.50	1.49	1.43	.73	2.50	3.58	.74	1.16	1.28	1.565
April - - -	2.57	2.25	1.60	2.52	.53	.98	3.10	.85	.73	.93	1.666
May - - - -	3.03	2.97	1.71	.60	1.35	2.31	.92	.94	.74	1.13	1.570
June - - - -	3.18	1.27	2.25	2.44	1.90	2.58	1.58	1.17	2.65	2.10	2.112
July - - - -	1.86	2.71	.60	1.35	5.47	.30	2.04	1.53	1.56	3.48	2.090
August - - -	3.35	1.37	2.59	.83	3.50	1.16	1.56	2.86	1.09	1.36	1.967
September -	3.14	3.85	.63	2.91	.98	4.57	2.61	1.00	2.60	5.74	2.803
October - - -	.75	4.68	3.41	1.78	.24	4.77	4.44	1.65	1.84	1.84	2.540
November - -	3.10	1.44	1.62	2.67	1.77	1.83	2.81	1.60	3.77	3.94	2.455
December - -	1.50	3.48	1.69	3.53	.79	.28	2.12	1.38	1.64	2.86	1.927
TOTALS -	25.79	30.26	19.13	24.74	21.71	24.71	28.69	18.53	19.69	27.35	24.660

1834 - July 30 = 1.52

1838 Feb. given in some places as 1.63 & total 19.67

see next sheet

RAINFALL AT *Cobham*

Observer

*Miss Mobsawlt**Surrey*

Y308

Rain
Gauge

By

Diameter.....in.

Height above Ground.....ft.....in.

Above Mean Sea Level.....ft.

Surrey of Thames. Mole etc..

YEAR.....	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	MEANS.
January.....	2.12	1.21	1.25	.63	3.99	.66	2.03	2.36	.26	1.54	
February .....	.95	2.54	.29	4.37	.45	2.83	1.90	2.42	1.84	1.16	
March .. .....	.24	2.49	1.49	1.20	.65	2.24	3.56	.74	.97	1.36	
April	2.57	2.25	1.62	2.37	.58	.95	3.11	.87	.88	.84	
May	3.04	2.94	1.82	.60	1.30	2.52	.94	1.03	.61	1.13	
June	3.17	1.27	2.12	2.55	1.90	2.36	1.54	1.06	2.77	2.10	
July.....	1.86	2.71	.60	1.24	5.51	.30	2.04	1.64	1.44	3.61	
August.....	3.35	1.45	2.95	1.47	3.62	1.16	1.56	2.76	1.09	1.62	
September.....	3.14	4.17	.57	2.27	.82	4.64	2.66	1.06	2.60	5.35	
October .....	.75	4.28	3.30	1.96	.24	4.70	4.39	1.82	2.16	1.84	
November	3.10	1.44	1.51	2.49	1.97	1.85	3.09	1.40	3.46	3.97	
December.....	1.50	3.48	1.37	3.62	.80	.29	1.86	1.34	1.63	2.83	
TOTALS.....	25.79	30.23	19.19	24.77	21.93	24.50	28.65	18.51	19.69	27.35	

From M. C. in M. C. in possession 24.10.12

Corrected for wrong day.

RAINFALL AT Cobham

Observer

Mr. MolesworthSunny

Rain

By

Gauge

Diameter.....in.

Height above Ground.....ft.....in.

Above Mean Sea Level.....ft.

Sunny 5/ Shams. Mo &c.

YEAR.....	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January.....	2.64	2.57	.92	1.72	2.58	2.83	2.65	1.33	1.60	1.43	
February	2.01	1.00	1.36	2.05	2.36	1.07	1.28	1.38	2.82	2.03	
March .. .....	.41	1.38	1.76	.89	2.21	1.10	1.15	.62	3.07	.68	
April .....	.12	2.50	.27	1.72	.31	.84	1.78	1.47	4.01	2.77	
May	1.58	2.39	1.78	5.99	.44	3.07	2.30	1.61	.27	2.78	
June	1.01	1.76	1.23	1.68	1.43	1.58	.98	1.30	2.92	.42	
July.....	1.89	1.98	.95	2.16	1.02	2.05	2.16	1.48	2.42	3.66	
August	2.04	2.56	3.53	3.17	2.18	2.48	2.91	1.02	3.56	.89	
September....	2.88	4.17	3.07	.71	1.18	1.75	2.07	1.53	2.08	2.58	
October	1.38	5.60	1.23	4.53	4.27	1.50	5.73	2.43	3.64	2.11	
November	3.85	3.57	4.66	2.56	2.75	2.73	1.42	1.87	1.21	1.00	
December.....	.54	2.35	.64	.98	.29	1.89	1.26	2.61	2.77	1.87	
TOTALS.....	20.35	31.83	21.40	28.16	21.02	22.89	25.69	18.65	30.38	22.22	

From M. L. Copy in M. L. and J. L. 24.10.12

Corrected for wrong day.

as previous that

Observer Miss Molesworth, Authority P.P. return

Survey of Thames - molesworth,

Howards Gauge 1 ft above the grass -

YEAR - -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -	2 57	2 50	83	1 68	3 25	2 83	2 96	1 33	1 42	1 44	2.081
February - -	2 08	1 07	1 37	2 05	2 22	1 07	1 28	1 28	2 71	1 47	1.660
March - - -	32	1 30	1 79	83	2 41	1 10	1 04	62	3 39	88	1.368
April - - -	21	2 58	32	1 82	31	83	1 89	1 43	4 01	3 15	1.655
May - - - -	1 58	2 39	1 78	5 99	44	3 08	1 50	1 65	11	2 78	2.130
June - - - -	93	1 74	56	1 68	1 43	73	97	1 30	3 08	42	1.284
July - - - -	1 97	1 93	1 62	2 13	1 02	2 82	2 17	1 48	2 36	3 66	2.116
August - - -	2 04	2 61	3 00	3 20	2 18	2 56	2 91	1 02	3 44	69	2.365
September -	2 88	4 13	3 58	71	1 18	1 69	2 07	1 52	2 26	2 42	2.244
October - -	1 38	5 51	1 25	3 75	4 26	1 56	5 73	2 44	3 50	2 47	3.185
November -	3 84	3 69	4 65	3 29	2 76	2 70	1 42	1 82	1 31	1 00	2.648
December -	55	2 38	62	1 30	29	1 61	1 26	2 63	2 77	1 87	1.428
TOTALS -	20.35	31.83	21.37	27.43	21.75	22.58	23.20	18.52	30.36	22.25	24.164

1843- Aug-24 - 1.60

1849 - Oct: given by Miss M in some places as 4.70 but
2.47 is correct

See next sheet

Rainfall at Cobham

e 50
y 6

Observer Miss Molesworth. Authority P.O. return

Survey of Thames Mts.

Howard's Gauge 1 ft above the grass.

YEAR --	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January --	.84	2.93	2.56	2.60	1.72	.46	1.22	2.57	.78	.93	1.64
February --	1.28	.73	.65	.80	.87	1.07	.99	.14	1.68	1.39	.96
March ---	.19	3.36	.20	1.29	.26	1.37	.72	.88	.55	1.03	.985
April ---	2.73	1.53	.46	2.56	.22	.27	2.35	1.39	2.34	2.17	1.602
May ----	2.21	.75	1.77	1.65	3.24	1.88	3.55	.76	1.83	2.62	2.026
June ----	1.17	.98	4.64	1.83	1.17	1.11	1.07	3.42	1.39	2.57	1.929
July ----	3.39	2.09	3.56	5.15	1.39	6.39	.73	1.23	2.47	1.90	2.810
August --	1.56	1.35	4.09	2.16	1.61	1.02	3.17	2.70	2.00	1.76	2.222
September -	1.14	.20	3.68	2.10	.70	1.15	2.06	3.77	.86	2.69	1.830
October --	1.43	2.20	4.41	3.68	2.63	5.21	2.35	4.83	1.48	2.76	3.098
November -	2.02	.74	5.54	.93	1.37	1.95	1.07	1.45	.82	3.13	1.902
December -	1.51	.52	2.23	.44	1.40	1.44	1.98	.48	1.67	2.42	1.407
TOTALS -	19.47	17.38	34.19	25.19	16.58	23.32	21.21	23.62	17.87	25.31	22.414

1852 - July 17 = 1.43

1855 - July 12 = 1.41

Highest flood for years on Oct 5th
water 20 inches deep, so that people were
glad to be carried to the bridge in carts -
Water over the road by Mr. Gurney's
wall

See next sheet

RAINFALL AT Cobham

Observer

W. J. MoleworthSurvey

Rain

By

Gauge

Diameter.....in.

Height above Ground.....ft.....in.

Above Mean Sea Level.....ft.

Survey of Thames-side.

YEAR.....	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January.....	1.20	2.93	3.36	2.60	1.72	.61	1.82	2.57	.75	1.91	
February.....	.92	.66	.65	.81	.87	1.00	.99	.14	1.68	1.39	
March.....	.23	3.36	.20	1.68	.26	1.29	.72	1.05	.84	1.03	
April.....	2.69	1.53	.46	2.16	.26	.27	2.38	1.30	2.09	2.38	
May.....	2.21	.75	1.77	1.65	3.20	2.23	3.52	.68	1.79	2.47	
June.....	1.18	.96	4.64	1.88	1.44	.76	1.08	3.48	1.39	2.45	
July.....	3.38	2.10	4.14	5.14	1.30	6.45	.73	1.17	2.47	1.90	
August.....	1.57	1.34	4.12	2.18	1.43	.96	3.22	2.82	2.00	1.76	
September.....	1.47	.31	3.81	2.15	.73	1.22	2.37	3.65	.87	3.75	
October.....	1.50	2.10	4.27	3.57	1.63	5.56	2.47	4.83	1.47	2.81	
November.....	1.91	.73	5.54	.93	1.53	1.53	.94	1.45	.83	3.02	
December.....	1.58	.52	2.23	.44	1.24	1.44	1.98	.48	1.68	2.42	
TOTALS.....	19.84	17.29	35.19	25.19	15.55	23.32	22.22	23.62	17.59	26.29	

For Incl. Copy in Mr. Moleworth's possession 24.10.12
Corrected for wrong day.

Cobham

CZ

Survey

Miss C. Mordaunt

Miss R. Mordaunt

Howard

+ ground 7 in

+ S.I. 100 ft.

5/Thames. 4 mole

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.65	.31	1.82	2.65	.83	2.73	3.30				
February - -	.70	2.03	.67	.60	.85	2.00	3.94				
March - -	2.29	2.04	3.27	.55	3.14	.84	1.68				
April - -	1.75	.82	1.83	.41	.95	.39	1.99				
May - -	3.10	1.14	3.16	1.66	1.34	2.90	1.59				
June - -	4.82	3.89	1.90	3.10	1.19	1.76	2.89				
July - -	1.67	1.92	1.43	.94	.45	2.15	1.26				
August - -	3.55	.53	3.01	2.12	1.25	4.53	2.17				
September -	3.00	1.54	1.93	2.87	2.83	.19	3.73				
October - -	1.49	.89	3.78	2.25	1.73	6.47	1.11				
November -	2.35	4.47	1.36	1.94	2.50	2.42	1.48				
December -	2.12	1.19	1.60	1.42	.72	1.17	1.66				
TOTALS -	31.57	20.77	26.26	20.51	17.78	27.53	26.80	24.79	26.16	15.21	24.700

1861 1.50 full during B between 11 & 12 on 5th 27th April 18611864 (max Nov. 24th .97

There is a pit here 23 ft from the Humble NE

1865 & 1866 as above verified by Dines see next sheet

1864 Sep	1.81	} in one ms.
	1.71	
	1.91	
Dec	.71	

See next sheet

RAINFALL AT BobhamObserver Miss MoleworthSurvey

Rain { By

Gauge {

Diameter.....in.

Height above Ground.....ft.....in.

Above Mean Sea Level.....ft.

St. James' Mole.

YEAR.....	1860	1861	1862	1863	1864	1865					MEANS.
January.....	2.66	.16	1.84	2.83	.66	2.98					
February .....	.78	2.15	.65	.42	.99	1.73					
March	1.94	1.94	3.29	.55	3.12	.84					
April.....	1.40	.80	1.84	.66	.88	.39					
May	2.52	1.20	3.63	1.44	1.69	3.27					
June	6.40	4.03	1.90	3.10	.84	2.33					
July.....	1.67	1.97	1.43	.94	.45	1.87					
August.....	3.55	.48	3.01	2.12	1.25	3.93					
September.....	3.00	1.54	1.99	3.28	2.83	.19					
October.....	1.49	.99	3.72	1.84	1.73	6.50					
November.....	2.48	4.40	1.40	1.94	2.81	2.39					
December.....	2.14	1.16	1.56	1.59	.43	1.17					
TOTALS.....	30.03	20.82	26.26	20.71	17.63	27.59	26.80				

for Mr. C. J. M. Jones' possession 24.10.12

Corrected for. wrong day.

1865. Reading for Dec. 31st. missing.

RAINFALL AT *Bobham Lodge*

Lat..... Lon..... County of..... *Surrey*

New Rain Gauge, by..... Observer

5/ Thame. mole.

Diameter												
Height												
Altitude												
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....												
February.....												
March												
April.....												
May												
June.....												
July												
August.....												
September.....		X 2.41										
October.....		1.38										
November.....		4.2										
December.....		1.194										
TOTALS												

C

RAINFALL AT *Bobham Lodge*

Lat.....

Lon.....

County of *Surrey**Old*

Rain Gauge, by.....

Observer

5/Thames. mole.

Diameter											
Height											
Altitude											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....											
February.....											
March											
April.....											
May											
June.....											
July											
August											
September.....		<i>2.37</i>									
October.....		<i>1.36</i>									
November.....		<i>.40</i>									
December.....		<i>1.154</i>									
TOTALS											