

London

Y<sup>3</sup>

Roy. Soc.

City.

Somers

Hou

1732

## LONDON &amp; Thames Left Bank.

YEAR - -	1780	1781	1782	1783	1784	1785	1786	1787	1788	1789	MEANS.
January - -	.69	1.35						1.36	.44	1.35	
February - -	.85	1.68						1.04	1.46	1.61	
March - - -	1.19	.29						1.28	.34	1.35	
April - - -	2.74	.65						.92	.61	.96	
May - - - -	.82	.62						1.14	.50	1.10	
June - - - -	.85	.69						.66	3.27	3.24	
July - - - -	1.60	1.04						3.25	1.62	2.47	
August - - -	.49	2.20						1.17	2.70	1.86	
September - -	2.90							.99	3.34	2.16	
October - - -	2.36							1.82	10	3.25	
November - -	2.51							1.34	51	1.24	
December - -	.31							3.00	0.00	1.19	
TOTALS - -	17.31							16.97	14.89	21.98	

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23

## RAINFALL AT *Smeeth House*, Brand

*Vit. Trag.*, Vol. 1881, pp. 209-224  
— 1888 V. 14, pp. 172-216  
— LXXXIX, pp. 114-138  
— LXXX, pp. 2-26 abweichen.

Observer Royal Society

Rain { By.....  
Gauge { .....  
Diameter..... in. H.

Height above Ground, ..... ft. .... in. Above Mean Sea Level..... ft.

YEAR.....	1780	1781					1787	1788	1789	MEANS
January.....	0692	1348					0360	0439	1345	
February.....	0758	1676					1041	1461	1605	
March.....	1179	0292					1283	0336	1549	
April.....	2739	0650					0923	0607	0957	
May .....	0832	0719					1137	0497	1103	
June ... .....	0852	0688					0662	3275	3244	
July .....	1602	1045					3246	7620	2467	
August .....	0485	2198					1171	2699	1864	
September.....	2903						0990	3345	2153	
October .....	2346						1818	0103	3253	
November.....	2505						1340	0510	1244	
December.....	0310						3000	0000	1190	
TOTALS ....	17203						16971	14892	21976	

Discrepancies in Plot Trans Reports. No details and totals at end of article.

Totals Jan? Feb? Mar April May June July Aug? Sept Oct Nov? Dec?

1780 { 0.758 1479 { 0.858 1489 { 0.832 1492 { 0.822 2346 { 2.356

1781 { 0719  
0619

1782

1783

1784

1785

1786

1787

1788

1780

246225

NGRI TQ (51) 307808

35 11 metros, Date of review 18-7-78

Y3a

## RAINFALL AT Somerset House Strand

Observeer Royal Society

Rain Gauge { By .....  
.....  
.....

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

Above Mean Sea Level.....ft. *see tab. for 1918*  
*114 ft.*

YEAR.....	1790	1791	1792	1793	1794	1795	1796	1797	1798	1799	MEANS.
January.....	0967	1957	1810	1565	0403	0478	128	0960	1105	0949	
February.....	0115	0873	0712	1581	0653	1255	1143	0219	0693	2235	
March.....	0122	0716	1791	1162	1077	1744	0074	0777	0333	0433	
April.....	1470	1460	1530	1095	1396	0487	0302	1837	0517	1671	
May.....	2898	0794	1624	0825	2215	0276	2301	1436	1621	1749	
June.....	0708	0332	1624	-0427	0385	5339	0536	4223	0960	0532	
July.....	1700	2194	2299	1616	0515	1480	1904	1288	2879	2913	
August.....	1991	0824	2065	1345	1605	1856	0529	2781	1525	2209	
September.....	0368	1482	1910	2452	3012	0081	1541	4069	2437	2824	
October.....	1108	2027	1834	1137	2842	2539	1803	2001	3428	2191	
November.....	2572	2527	0454	2104	340	2428	1209	1473	3056	1587	
December.....	2093	1724	1766	1809	1021	0673	1303	1611	0857	0349	
TOTALS....	16052	15310	19489	17428	18466	16864	14779	22697	19411	19662	

~~Very extraordinary that the rainfall of Aug & Sept 1892 shd be nearly the same to the thousands for miles, though made up of different kinds of convection. See fig B. B. Col. Trans. Vol 17 p 3~~

An almost identical agreement between two other works of the same year (Phil and Sam) was observed at Lyndon in Rutland. April rainfall being 407.2 and June 404.3. See *Phil Trans.* Vol. 179, p. 220.

\* Dec. 1, 1891 is given as 1124 on p. 26 (Vol. for 1892); but the Daily Stats on p. 2425 amount to 1934, thereby allowing yearly total.

## MET.O.S. RAINMASTER RETROSPECTIVE SITE REVIEW

246225

NGR: TQ(51) 307808

ALE 35 It = 11 metres. Date of reviews 18-7-78

RAINFALL AT Emerson House, St. Lucia

From the Phil. Trans. for the successive years.

Observer Royal Society

Rain { By .....

Gauge .....

Diameter.....in.

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

Above Mean Sea Level 114 ft.

YEAR.....	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January.....	2458	1226	0146	1574	1673	1513	1837	0493	1059	3232	
February.....	0260	0544	1500	0744	1337	1045	0535	1109	0710	1563	1603
March.....	0305	1108	0397	0446	1539	0882	1328	0105	0167	0735	
April.....	2888	0376	0980	1094	1004	1583	0245	0445	1046	2975	
May.....	1087	1500	1196	1085	1248	0857	1020	2875	123	0812	
June.....	2997	0791	1862	3359	0522	3314	0505	1352	0640	1005	
July.....	0000	3524	2816	1368	5705	2171	4889	0333	458	5763	
August.....	1466	1569	0577	0788	3801	3535	2087	1764	1215	1427	
September.....	2709	1204	0872	0319	0000	1525	1920	1940	5780	2496	
October.....	1285	1474	1841	0474	2046	1383	0793	4707	3109	0138	
November.....	3802	3294	1014	2441	3009	0795	2551	2455	1745	1092	
December.....	1671	2578	1196	309	00505	7799	0717	0476	0733	2333	
TOTALS ....	18925	19197	13946	17922	20973	20306	20427	14206	18475	20711	

1801. Same rainfall, as per Phil. Trans. Vol. 10, for 1800, p. 26, &amp; 0791, has the only data on pp. 12-13 are only 430, making the yearly total appear

1802. April D., D.	-	1803 p. 26 is 0989; D.	D.	0.9	-0399.	D.	D.
1803. March D., D.	-	1804 p. 26 is 0499; D.	D.	6.7	-0316.	D.	D.
- August D., D.	-	D. - 0735, D.	D.	6.7	-038.	D.	D.
1805. August D., D.	-	1806 p. 26 is 5535; D.	D.	6.7	-5540.	D.	D.
1809. February D., D.	-	1810 p. 26 is 003; D.	D.	4.5	-1583.	D.	D.
- June D., D.	-	D. - 0105; D.	D.	4.3	-1005.	D.	D.

MET.O.B. RAINMASTER  
RETROSPECTIVE SITE REVIEW

246225

N.R.: TQ(5) 307808

E.L.D. 35 ft = 11 metres. Date of review 18-7-78

RAINFALL AT Leicester House, StrandFrom Recd. Trans. for the following yearObserver Royal Society

Rain { By .....

Gauge .....

Diameter.....in.

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

Above Mean Sea Level ...114 ft.

YEAR.....	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January.....					0.779	0.336	1422	0.435	0.733	2154	1461
February.....					1702	1794	0.528	0.675	1625	0.875	0.727
March.....					1870	0.538	0.718	1325	0.425	1057	0.986
April.....					1060	1104	1296	1060	1020	0120	1791
May.....					1932	2630	1779	0.667	0.902	1698	1507
June.....					1756	1357	1538	1752	0.931	1860	0407
July.....					1955	2092	20676	1581	2789	1411	0.361
August.....					1481	0.565	2070	0222	1176	1458	0.278
September.....					0.634	0.861	0.965	0.776	0.824	0.300	0.972
October.....					3137	3.387	1611	1889	0.888	0.553	1166
November.....					1855	0.947	1864	1336	2120	1110	1084
December.....					0188	0.328	2150	0.650	1741	2703	0.806
TOTALS ....	None recorded	-			18348	15953	16367	12968	15174	15299	11636
											15727

1813 April. In Recd. Trans. Vol for 1814. p.26. The rainfall is 1104. but on p. 8. q. it is 1114; surely a misprint!

\* 1814. By another Rain Gauge placed at a few feet distant and 1998 in lower, the quantity rain this year appears to have been 20723 inches?

- Monk. in Recd. Trans. Vol for 1815. p.26. The rainfall is 1296; but on p. 8. q. it is 1241; surely a misprint!

- Decr. D. D. D. D. 12250; D. 25 - 0.861. ! D. 8.

1815 April. D. D. 1816 D. D. 1800; D. 9 - 1864. D. 8

- June D. D. D. 1872; D. 15 - 0.752. ! D. 8

- July D. D. D. 1581; D. 15 - 0.581. ! D. 8

- Decr. D. D. D. 0.650; D. 25 - 0.861. same as in Decr. of previous year

1816 February D. D. D. 1825; D. 5 - 1875. being altho' year's total

1818 Decr. D. D. D. 0.806; D. 24 - 0.72. D. 8

1819 April D. D. D. 1694; D. 8 - 1010 which is the same as previous month

MET.O.B RAINMASTER  
RETROSPECTIVE SITE REVIEW

246225

NOR: TQ(51)307808

PAGE 35 REC'D. 11

metres. Date of review 18-7-78

RAINFALL AT ~~Consett House~~ ~~Consett~~*From Phil. Trans. for the ensuing year*

Observer Royal Society

Rain { By.....

Gauge..... Diamater.....in. Height above Ground.....ft.....in. Above Mean Sea Level.....ft.

YEAR.....	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January.....	0444	1854	0215	0605	0522	0467	0125	1080	3179	0391	
February.....	1425	0278	0560	1981	1481	0392	0831	0000	0902	0742	
March.....	1325	1917	1273	0937	0853	0603	0336	1281	0751	0592	
April.....	1574	1137	1620	1043	1182	1145	1145	0044	2026	2286	
May.....	1303	1093	1022	0542	2301	2073	1145	0268	1307	0313	
June.....	2331	1823	1212	0976	2183	0693	1145	0268	2368	1401	
July.....	2807	2236	2788	1151	1930	0055	2350	0149	4147	2910	
August.....	1315	2007	0975	1049	2092	1255	0530	0510	2942	2839	
September.....	2058	1810	0702	0708	2373	1859	0417	0281	2066	2704	
October.....	1582	1931	5053	2572	1462	1998	1871	2267	0777	1548	
November.....	1000	3445	3607	1159	3154	1656	0457	0977	0809	0693	
December.....	1187	3930	1041	1104	1972	1737	0099	2290	0889	0102	
TOTALS ....	18381	23567	18068	13857	20605	13033	~	9968	22763	16421	

1824 Dec<sup>th</sup> The total on 626 is 1972, but on 626.5 the total adds up to 1882, thus altering the total for the year  
 & 1827 Only 9968 in the year! However, 1834 was only 8801!

1828 Jan<sup>th</sup> The total as added in Phil. Trans. is 3159; but the daily figures add up to 3179.

1829 Sept<sup>th</sup> The quantity of rain added as falling between the 7<sup>th</sup> and 12<sup>th</sup> is doubtful.

MET.O.B. RAINFALLER  
RETROGRADE SITE REV. V

246225

NGR: TQ(51)307808

ALT: 35 ft = 11 metres. Date of review: 18-7-78

RAINFALL AT Cromer House, Broad

from Recd. Trans. for the following year

Observer Royal Society

Rain Gauge { By.....

Diameter.....in. Height above Ground,.....ft.....in.

Above Mean Sea Level.....ft.

20 ft above level of Cromer at Lowest Point  
for first eleven years 1830-1839

YEAR.....	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	MEANS.
January.....	1789	0541	0669	0271	0345	0182	1599	2313	0072	1428	
February.....	1006	1445	0069	1241	0700	0613	2056	1580	1677	1837	
March.....	0194	0883	0304	0587	0306	0139	2430	0433	0929	1549	
April.....	2021	1074	0341	1539	0225	1069	2488	0900	0664	1377	
May.....	2097	1055	1172	0380	0430	2479	0808	1674	0631	1275	
June.....	2091	1153	2843	1909	0927	2198	0898	0890	4372	1520	
July.....	1307	2823	0975	1682	3364	0506	1880	1434	2259	2577	
August.....	2085	1701	1032	0367	1688	0320	0993	3602	1050	1968	
September.....	2375	2806	0354	0477	0582	3794	2773	0895	2247	2982	
October .....	0881	2105	2025	0176	0185	5821	5063	1821	1360	1958	
November.....	1700	0860	1070	0808	0035	1716	2108	1419	2735	4207	
December.....	0882	0505	0740	1723	0114	0380	1846	0981	1601	2326	
TOTALS ....	99128	18953	12374	11360	8001	16977	22748	17342	19597	24304	

1830 - Jan. 7. The daily totals are added up to 61919 in 26 days

Aug. 4th from Aug. 28th Oct. 10 the rain was measured other times, and in nine out of those eleven times it is stated to have been 0.250; and once 0.500; and once 0.325. It is most improbable that these figures are correct. Hence,

1831. June. 5. Recd. Trans. The total is conveniently added up as 1052

1832 May. 20. 0° D. 0.571

MET.O.B. RAINMASTER  
RETROSPECTIVE SITE REVIEW

246225

NGR: TQ (51) 307808

Elev: 35 ft m 11 metres Date of review: 18-7-78

246225

Y3a

RAINFALL AT Buccleuch House, Lanark*From Phil Trans. for following year*Observer Royal Society

Rain Gauge { By .....  
 Rain Gauge Diameter ..... in. Height above Ground, ..... ft. ..... in. Above Mean Sea Level ..... ft.

YEAR.....	1840	1841	1842	1843	MEANS.
January.....	2633	2224	0572	1011	
February.....	1224	0790	1340	2131	
March.....	0215	1047	1777	0287	
April.....	0254	1748	0470	1987	
May .....	1329	1987	1934	4309	
June .....	1760	2308	0630	1225	
July .....	1815	2524	1847		
August .....	1372	2168	3800		
September.....	1834	3716	3545		
October .....	1473	4242	1289		
November.....	2042	2850	6048		
December.....	0413	1869	0674		
TOTALS ....	18184	27472	21932		

1841. 006. In Phil Trans. The add. there is incorrectly put as 4162.

MET O&G RAINMASTER  
RETROGRADE SITE REVIEW

246225

NOR: TQ(51) 307808

ALT: 35 ft = 11 metres. Date of review: 18-7-78

London

Roy Socy

Somerset House.

YEAR -	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January --	2.46	1.23	.15	1.54	1.67	1.51	1.84	.49	1.06	3.23	
February--	.26	.54	1.50	.74	1.34	1.05	.54	1.11	.71	1.60	
March --	.31	1.11	.40	.45	1.54	.88	1.33	.19	.17	.74	
April - -	2.08	.38	.99	1.09	1.60	1.58	.24	.45	1.65	2.97	
May - - -	1.09	1.51	1.20	1.69	1.25	.85	1.02	2.87	1.12	.81	
June - - -	1.00	.79	1.86	3.36	.52	3.31	.50	1.35	.64	1.11	
July - - -	0.00	3.52	2.81	1.37	3.71	2.17	4.89	.34	2.46	2.76	
August - -	1.47	1.57	.52	.76	2.80	3.54	2.09	1.76	1.21	1.43	
September -	2.71	1.26	.67	.92	.00	1.53	1.92	1.94	3.78	2.50	
October - -	1.28	1.47	1.64	.47	2.05	1.38	.79	.77	3.20	.14	
November -	3.80	3.30	1.01	2.44	3.99	.80	2.55	2.46	1.75	1.09	
December -	1.67	2.52	1.20	3.09	.50	1.00	2.72	.48	.73	2.33	
TOTALS -	10.93	19.20	13.95	17.92	20.97	20.40	20.43	14.21	18.48	20.71	18.520

London

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Royal Society  
Somerset House

YEAR --	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -		.78	.34	1.12	.43	.73	2.15	1.46	.79		
February - -		1.70	1.79	.53	.68	1.62	.89	.73	1.64		
March - - -		1.87	.56	.72	1.32	.43	1.06	.99	1.01		
April - - - -		1.06	1.10	1.30	1.66	1.02	.12	1.79	1.69		
May - - - -		1.93	2.63	1.78	.67	.90	1.70	1.60	1.40		
June - - - -		1.76	1.35	1.56	1.75	.93	1.86	.41	1.02		
July - - - -		1.95	2.09	.68	1.58	2.79	1.41	.36	.75		
August - - -		1.48	.56	2.00	.22	1.18	1.46	.28	.25		
September - -		.63	.86	.96	.78	.82	.30	.97	1.32		
October - - -		3.14	3.39	1.61	1.89	.89	.55	1.17	1.07		
November - -		1.86	.95	1.86	1.34	2.12	1.11	1.08	.92		
December - -		.19	.33	2.25	.65	1.74	2.70	.80	1.87		
TOTALS -		18.35	15.95	16.37	12.97	15.17	15.30	11.64	13.73		

1810 first in Paris

1811 from 23<sup>rd</sup> May to 31<sup>st</sup> Dec. 10.65 m.s. or so at least and then  
in 1812 in corresponding month.

London  
Royal Society

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YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -	.44	1.85	.22	.61	.52	.47	.12	3.16		.29	
February - -	1.43	.28	.56	1.98	1.48	.39	83	.90		.74	
March - - -	1.32	1.92	1.27	.94	.86	.60	3.54	.75		.59	
April - - -	1.51	1.14	1.62	1.04	1.18	1.14	—	2.02		2.29	
May - - -	1.39	1.09	1.02	.54	2.39	2.07	—	1.31		.31	
June - - -	2.33	1.83	1.21	.98	2.18	.69	—	2.37		1.40	
July - - -	2.81	2.24	2.79	1.15	1.03	.05	2.36	.15		2.91	
August - -	1.32	2.10	.98	1.05	2.09	1.26	.55	.51		2.84	
September -	2.06	1.81	.70	.80	2.37	1.86	.42	.83		2.71	
October - -	1.58	1.93	3.05	2.51	1.46	2.00	1.87	2.27		1.55	
November -	1.00	3.44	3.61	1.16	3.16	1.66	.46	.98		.69	
December -	1.19	3.94	1.04	1.10	1.97	1.74	.10	2.29		.10	
TOTALS -	18.38	23.57	18.07	13.86	20.69	13.93	—	17.54		16.42	

1820-1826 agree with Dr. Bell's "London Weather" record  
 for Somerset House except that I gives March 1826 as 0.54.  
 I also agrees with the 1829 record as above. Ref  
 I also agrees 1827 from July onwards.

YEAR --	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	MEANS.
January --	1.92	.54	.67	.27	.34	.18	1.60	2.31	.07	1.43	.933
February -	1.01	1.44	.07	1.24	.00	.41	2.05	1.58	1.68	1.34	1.082
March - -	.19	.88	.30	.59	.31	.14	2.43	.43	.93	1.55	.775
April - - -	2.02	1.07	.34	1.54	.03	1.07	2.49	.90	.66	1.38	1.180
May - - - -	2.10	1.06	1.17	.38	.43	2.48	.81	1.67	.57	1.27	1.194
June - - - -	2.09	1.05	2.84	1.91	.93	2.20	.90	.89	4.37	1.52	1.870
July - - - -	1.31	2.82	.97	1.68	3.36	.51	1.89	1.43	2.26	1.58	1.781
August - - -	2.69	1.70	2.03	.57	1.69	.32	.99	3.60	1.05	1.97	1.664
September - -	2.37	2.81	.35	.48	.58	3.75	2.77	.90	2.25	2.98	1.924
October - -	.88	2.10	2.03	.18	.19	3.82	3.06	1.82	1.36	1.96	1.740
November - -	1.70	.86	1.07	.81	.03	1.72	2.11	1.42	2.74	4.21	1.667
December - -	88	.51	.74	1.72	11	.38	1.65	.98	1.60	2.33	1.090
TOTALS -	19.16	16.84	12.58	11.37	8.00	16.98	22.75	17.93	19.54	23.52	16.867
	c	c	c	c	c	c	c	c	c	c	

1839 - July 2.57 year 24.43 - }  
 -1.00 in July 8.09 breeding }  
 1.53 Past Soc

YEAR - -	1840	1841	1842						MEANS.
January - -	2.63	2.22	.57						
February - -	1.22	.79	1.35						
March - - -	.22	1.05	1.78						
April - - -	.25	1.75	.47						
May - - -	3.23	1.99	1.93						
June - - -	1.76	2.31	.63						
July - - -	1.82	2.52	1.85						
August - - -	1.27	2.17	3.80						
September - -	1.85	3.71	3.54						
October - -	1.47	4.14	1.29						
November - -	2.94	2.85	4.05						
December - -	.41	1.87	.67	2					
TOTALS -	19.07	27.37	21.93						
	C	C	C						