

London (Royal Society) *ance* *big*

(Y3)

Crane Court, Fleet Street (BW-S).

Quam 12 in + Hoif 3.6.  
LONDON 21 James Left Bank.

YEAR - -					1774	1775	1776	1777	1778	1779	MEANS.
January - -					2.96	1.72	1.17	1.04	2.11	.22	
February - -					2.36	1.93	3.57	1.29	.53	.24	
March - - -					1.78	1.86	1.54	1.39	1.24	.52	
April - - -					1.24	1.07	.32	.79	.73	1.22	
May - - - -					1.41	.55	1.59	4.60	1.13	1.71	
June - - - -					2.27	1.26	2.03	3.75	.96	2.48	
July - - - -					2.44	4.36	1.75	4.70	3.05	6.40	
August - - -					3.34	2.20	2.54	1.07	1.04	1.07	
September -					3.74	5.19	2.71	.50	74	2.23	
October - - -					1.35	2.43	73	3.58	2.90	3.03	
November -					1.63	1.94	2.19	.87	3.90	2.78	
December -					1.81	.58	1.28	.80	2.44	4.88	
TOTALS -					26.33	25.09	21.36	24.38	20.77	26.78	

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London  
Roy. Soc.

City.  
Society  
Hon.

Y3

2432

LONDON at 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	1.55	
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	1.06						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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## RAINFALL AT

Amurk House, Iran

Observer

Royal Society

Rain

Gauge

By

Diameter.....in.

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

Above Mean Sea Level.....ft.

Inst. Trans. Vol. 1881, pp. 200-224

- 1881/82, pp. 177-216

- 1882/83, pp. 170-178

- 1883/84, pp. 20-26 and 27 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	620	2467	
August.....	0485	2198						1171	2699	1864	
September.....	2903							0990	3345	2453	
October.....	2346							1818	0103	3253	
November.....	2505							1340	0510	1244	
December.....	0310							3000	0000	1190	
TOTALS ....	17203							16971	4892	21976	

Discrepancies in Pilot Trans Reports. See details and totals at end of report.

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

1780	0758	1179	0832	2346
	0852	0189	0422	2158
1781			0719	
			0688	
1782				
1783				
1784				
1785				
1786				
1787				
1788				
1789				

MET.O.S. RAINMASTER  
RETROSPECTIVE SITE REVIEW

246225

NGR: TQ (51) 307808

35 11 11 metres. Date of review 18-7-78



## RAINFALL

AT *Somerset House Strand*

Observer

Royal Society

Rain  
Gauge

By .....

Gauge

Diameter.....in.

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

Above Mean Sea Level.....ft.

*Phil. trans.* Vol. LXXXI. pp. 124-126  
 Vol. LXXXII. pp. 1-26  
 Vol. LXXXIII. pp. 1-26  
 Vol. LXXXIV. pp. 1-26  
 Vol. LXXXV. pp. 1-26  
 Vol. LXXXVI. pp. 1-26  
 Vol. LXXXVII. pp. 1-26  
 Vol. LXXXVIII. pp. 1-26  
 Vol. LXXXIX. pp. 1-26  
 Vol. LXXXX. pp. 1-26

YEAR.....	1790	1791	1792	1793	1794	1795	1796	1797	1798	1799	MEANS.
January.....	0967	1957	1810	1565	0403	0476	2128	0960	1105	0949	
February.....	0115	0873	0712	1581	0633	1255	1143	0219	0693	2235	
March.....	0122	0716	1731	1162	1077	1744	0074	0777	0333	0433	
April.....	1470	1460	1530	1095	1396	0497	0302	1839	0517	1671	
May.....	2898	0794	1624	0865	2215	0276	2301	1436	1621	1749	
June.....	0708	0332	1624	0427	0385	3339	0536	4223	0960	0532	
July.....	1700	2194	2299	1616	0578	1400	1904	1288	2879	2913	
August.....	1991	0824	2065	1315	1605	1856	0529	2784	1525	2209	
September.....	0368	1482	1910	2452	3012	0081	1541	4061	2437	2824	
October.....	1108	2027	1884	1137	2842	2539	1803	2001	3428	2191	
November.....	2372	2527	0454	2104	3340	2428	1209	1473	3056	1587	
December.....	2093	1124	1766	1804	1021	0973	1309	1611	0857	0349	
TOTALS ....	16052	15310	19489	17128	18466	16864	14779	22697	19411	19662	

very extraordinary that the rainfall of May & June 1792 sh<sup>d</sup> be exactly the same to the thousandth part inch, though made up of different daily quantities, see pp. B. & C. of Trans. vol 1793

to almost identical agreement between two other months of the same year (Feb and June 1792) were observed at London in Scotland. April rainfalls being 40.42 and June 40.43. See *Phil. Trans.* vol. 1792, p. 220

\* Dec 1799 is given as 1724 on p. 26 (Vol. p. 172), but the daily totals on pp. 26-28 amount to 1794, (clearly allowing gross total - 2000).  
 - Oct. 1799 is given as 2491 on p. 26 (Vol. p. 1800), but the daily totals on pp. 20-31 amount to 2279, clearly allowing gross total - 2000.

MET.O.S. RAINMASTER  
RETROSPECTIVE SITE REVIEW

246225

NGR: TQ(51) 307808

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

## RAINFALL AT

Marsat House, Grand

From the Dist. Home for the respective years.

Observer

Rain

By

Gauge

Diameter.....in.

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

Above Mean Sea Level.....ft.

YEAR.....	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January.....	2458	1228	0446	1544	1673	1513	1837	0493	1059	3232	
February.....	0260	0544	1500	0744	1337	1045	0535	1109	0710	1003	
March.....	0305	1108	0397	0449	1530	0882	1328	0195	0167	0735	
April.....	2838	0376	0989	1094	1004	1583	0245	0445	1046	2975	
May.....	1087	1509	1196	1685	1248	0851	1020	2875	1123	0812	
June.....	0997	0791	1682	3359	0522	3314	0505	1352	0640	1105	
July.....	0000	3524	2810	1308	3705	0171	4889	0335	2458	2763	
August.....	1466	1569	0577	0735	2801	3535	2087	1764	1215	1427	
September.....	2799	1264	0672	0319	0000	1525	1920	1940	3780	2496	
October.....	1285	1474	1041	0474	2046	1383	0793	4767	3109	0138	
November.....	3802	3294	1014	2441	3903	0795	2551	2455	1745	1092	
December.....	1671	2578	1196	309	00305	1799	2717	0476	0733	2333	
TOTALS ....	18925	19197	13946	17922	20973	20396	20427	14206	18775	20711	

1801. June. rainfall, as per Dist. Home, 161 per 1802 p. 26, is 0791, but the early books on p. 12. B are only 431, and the early books on p. 12. B are only 431, and the early books on p. 12. B are only 431.

1802. April D. D. - 1803 p. 26 is 0989; D. D. 0.9 - 0399. D. D.

1803. March D. D. - 1804 p. 26 is 0449; D. D. 6.7 - 0376. D. D.

- August D. D. - D. D. 0.735, D. D. 6.7 - 0738. D. D.

1805. August D. D. - 1806 p. 26 is 3535; D. D. 6.7 - 5520. D. D.

1809. February D. D. - 1810 p. 26 is 1603; D. D. 4.5 - 1583. D. D.

- June D. D. - D. D. 1105, D. D. 12.3 - 1105. D. D.

MET. O.S. RAINMASTER  
RETROSPECTIVE SITE REVIEW

246225

NGR: TQ(51)307808

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

RAINFALL AT *Emmett House, Tenn.*From *Rich. Trans.* for the following yearsObserver *Royal Society*

Rain

By

Gauge

Diameter.....in.

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

Above Mean Sea Level.....ft.

YEAR.....	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January.....			0.779	0.336	1.122	0.435	0.733	2.154	1.461	0.789	
February.....			1.702	1.794	0.528	0.675	1.625	0.875	0.727	1.638	
March.....			1.870	0.538	0.718	1.325	0.425	1.057	0.986	2.010	
April.....			1.060	1.104	1.206	1.660	1.020	0.120	1.791	1.694	
May.....			1.932	2.630	1.779	0.867	0.902	1.698	1.597	1.400	
June.....			1.756	1.351	1.538	1.752	0.931	1.860	0.407	1.017	
July.....			1.955	2.092	0.676	1.581	2.789	1.411	0.361	0.730	
August.....			1.480	0.585	2.000	0.222	1.176	1.458	0.278	0.250	
September.....			0.634	0.861	0.965	0.776	0.824	0.300	0.972	1.320	
October.....			3.137	3.387	1.611	1.889	0.888	0.533	1.166	1.069	
November.....			1.855	0.947	1.864	1.336	2.120	1.110	1.084	0.917	
December.....			0.188	0.328	2.250	0.650	1.741	2.703	0.806	1.873	
TOTALS ....	<i>None recorded</i>	-	18.348	15.453	16.367	12.968	15.174	15.299	11.636	13.727	

1813. April. *Rich. Trans.* tel. for 184. p. 26. the rainfall is 1.104, but in pp. 8, 9, it is 1.114; thereby altering year's total.\* 1814. By another *Rich. Trans.* placed at a few feet distant and 11 ft. less, the quantity of rain this year appears to have been 20.723 inches.- April. *Rich. Trans.* tel. for 185. p. 26. the rainfall is 1.206, but in pp. 8, 9, it is 1.241; thereby altering year's total.

- Dec. D. D. D. D. D. 1.220; D. 25 - 0.861; D. D.

1815. April. D. D. 1.816 D. D. 1.660; D. 9 - 1.864. D. D.

- June D. D. D. D. 1.752, D. 13 - 0.752. D. D.

- July D. D. D. D. 1.581, D. 15 - 0.581. D. D.

- Dec. D. D. D. D. 0.650, D. 25 - 0.861, same as in Dec. of previous year.

1816. February D. D. D. D. 1.025, D. 5 - 1.075. Thus altering year's total.

1818 Dec. D. D. D. D. 0.806, D. 24 - 0.722. D. D.

1819 April D. D. D. D. 1.694, D. 8 - 1.010, which is the same as previous month.

MET. O. S. RAINMASTER  
RETROSPECTIVE SITE REVIEW

246225

NGR: TQ(51)307808

ELEV 35

H 11

metres. Date of review 18-7-78



## RAINFALL AT

Linnesthede, Norway

From Feb. Term for the preceding year

Observer

Royal Society

Rain

Gauge

By

Diameter.....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	0291	
February.....	1425	0278	0560	1081	1481	0392	0831	0000	0902	0742	
March.....	1325	1017	1273	0937	0853	0603	0336	1281	0751	0592	
April.....	1514	1137	1020	1043	1182	1145	0000	2020	2286		
May.....	1303	1093	1022	0542	2391	2073		0268	1307	0313	
June.....	2331	1833	1212	0976	2183	0693		0268	2368	1401	
July.....	2807	2236	2788	1151	1030	0055	2350	0149	4147	2910	
August.....	1315	2007	0975	1049	2092	1255	0530	0516	2942	2839	
September.....	2058	1810	0702	0708	2373	1839	0417	0831	2066	2704?	
October.....	1582	1031	3053	2372	1462	1998	1871	2267	0777	1548	
November.....	1000	3445	3607	1159	3154	1656	0457	0977	0809	0693	
December.....	1187	3936	1041	1104	1972	1737	0099	2290	0889	0102	
TOTALS ....	18381	23567	18068	13857	20605	13933	-	9768	22103	16421	

1824 Dec. The total in 1826 is 1072, but on 24.15 the total adds up to 1862, thus altering the total for the year.

\* 1827 Only 9968 in the year! However, 1834 was only 8001!

1828 Jan. The total as noted in Feb. Term is 3159, but the daily figures add up to 3179.

1829 Sept. The quantity of rain is noted as falling between the 7th and 12th is doubtful.

MET. O.B. RAINMASTER  
RETROS. GIVE JUNE 30 V.

246225

NGR: TQ(51) 307808

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

## RAINFALL AT

Somerset House, Strand

from Feb. 1830 to 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 Street at Somerset House  
the first gauge kept 1830

YEAR.....	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	MEANS.
January.....	1.789	0.541	0.669	0.271	0.345	0.182	1.599	2.313	0.072	1.428	
February.....	1.000	1.445	0.069	1.241	0.700	0.413	2.056	1.580	1.677	1.337	
March.....	0.194	0.883	0.304	0.587	0.306	0.139	2.430	0.433	0.929	1.549	
April.....	2.021	1.074	0.341	1.539	0.025	1.069	2.488	0.900	0.664	1.377	
May.....	2.007	1.055	1.172	0.380	0.430	2.479	0.808	1.674	0.631	1.275	
June.....	2.091	1.153	2.843	1.909	0.927	2.198	0.898	0.890	4.372	1.520	
July.....	1.307	2.823	0.975	1.682	3.364	0.506	1.886	1.434	2.259	2.577	
August.....	2.685	1.701	1.032	0.567	1.688	0.320	0.993	3.602	1.050	1.968	
September.....	2.375	2.806	0.354	0.477	0.582	3.724	2.773	0.895	2.247	2.982	
October.....	0.881	2.105	2.025	0.176	0.185	3.821	3.063	1.821	1.360	1.958	
November.....	1.700	0.860	1.070	0.808	0.035	1.716	2.108	1.419	2.735	4.207	
December.....	0.882	0.505	0.740	1.723	0.114	0.380	1.046	0.981	1.601	2.326	
TOTALS.....	19.028	16.953	12.574	11.360	8.001	16.977	22.748	17.942	19.597	24.304	

1830 - Jan. The daily totals are added up 6.1419 in Feb. 1830

- Aug. 4th from Aug. 23 to Sept. 10 the rain was measured seven times, and in nine or other seven times it is stated to have been 0.350; and once 0.500; and once 0.375. It is not improbable that these figures are correct. See

1831. Jan. In Feb. 1831 the total is to some extent added up as 1.032

1838. May. D. D. D. 0.571

MET. OBS. RAINMASTER  
RETROSPECTIVE SITE REVIEW

246225

NGR: TQ(51)307808

R.A. 35 ft m 11 metres, Date of review 18-7-78



246225

Y3a

## RAINFALL AT

Consett, Trade, Steady

Observer

Royal Society

From Ind. Trans. for following year

Rain

By

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	1346	2131							
March.....	0215	1047	1777	0287							
April.....	0254	1748	0470	1987							
May.....	2329	1987	1934	4309							
June.....	1760	2308	0630	1225							
July.....	1815	2524	1847								
August.....	1272	2168	3800								
September.....	1854	3715	3545								
October.....	1473	4242	1289								
November.....	2042	2850	4048								
December.....	0413	1869	0674								
TOTALS ....	18184	27472	21932								

1841 Oct. In Ind. Trans. the number is erroneously put as 4142.

MET O & B RAINMASTER  
RETROSPECTIVE SITE REVIEW

246225

NGR: TQ(51) 307808

ALE 35 ft 11 metres. Date of review 18-7-78

London

Wey Street

Sommerset House.

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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 -	2.88	.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 -	18.43	19.20	13.95	17.92	20.77	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	.88	.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 not in P. Trans.  
 1811 From 22<sup>nd</sup> May to 31<sup>st</sup> Dec. 10.65. as the wind was then  
 in 1725. the 10.65. was the same.



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	3.15	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 Brasell's "London Weather" record

for Somerset House except that I gives March 1826 as 0.54

I also agrees ill the 1829 record as above.

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	1.150
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	1.661
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	1.669
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

1839 - July 2.57 year 24.43 - } No. 100 in July 8.09 breeding

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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								
TOTALS -	19.07	27.37	21.93								

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