

Monmouth Manchester Dalton

481

S. Dalton

10 in diameter 2 ft + ground

YEAR - -	1790	1791	1792	1793	1794	1795	1796	1797	1798	1799	MEANS.
January - -					1.09	'95	3.10	1.58	2.70	1.76	
February - -					3.77	2.46	2.29	1.21	1.91	4.16	
March - - -					2.03	2.02	'58	'94	1.18	2.16	
April - - -					3.91	3.23	1.60	2.18	1.37	2.19	
May - - - -					2.27	1.01	5.09	5.96	1.48	2.13	
June - - - -					1.25	2.06	2.35	4.26	'85	2.05	
July - - - -					3.40	3.01	5.19	2.52	4.75	4.08	
August - - -					4.38	4.28	1.04	5.49	4.13	0.74	
September -					4.66	'46	2.63	3.86	3.35	5.35	
October - - -					5.10	5.49	2.87	2.31	3.51	3.77	
November -					3.45	4.16	2.13	2.99	3.68	1.90	
December -					2.11	3.61	1.76	5.50	2.35	.35	
TOTALS -					37.42	32.74	30.63	38.80	31.26	38.64	

C C C C C C

In garden on S.E. side of town 60 ft from any elevated object
S/N 563329

RAINFALL AT

Manchester

481

From Memoirs of the Literary & Philosophical Society of Manchester

Observer *John Dalton*

1818. p. 168

Rain { By.....

Gauge {
Diameter.....in.

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

Above Mean Sea Level.....ft.

YEAR.....	1800	1801									MEANS.
January.....	2.86	2.42									
February.....	.44	1.85									
March.....	2.37	2.89									
April.....	4.10	.79									
May.....	2.85	2.60									
June.....	.71	.53									
July.....	.29	4.85									
August.....	1.05	.73									
September.....	6.55	6.41									
October.....	4.37	4.27									
November.....	3.70	3.15									
December.....	3.05	4.56									
TOTALS	32.34	35.05									

SN 563329

RAINFALL AT

Manchester

Y81

Observer

John Dalton

From Memoirs of the Literary & Philosophical Society of Manchester
Vol. III. 1801, p. 248

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.....			1967	1654	2700	2180	5837	2340	2676	0800	
February.....			3728	2664	1468	2988	1604	3220	1512	1650	
March.....			0860	2589	2037	2450	1000	(82)	0180	0444	
April.....			1072	1333	3060	1134	0500	(57)	1982	0994	
May.....			0860	2400	2364	2164	1114	2976	2702	3366	
June.....			3120	3534	1802	2626	1400	2160	2078	3083	
July.....			6233	1105	3170	3663	1970	2287	2012	2152	
August.....			3221	1728	2890	2918	2904	2372	3828	4656	
September.....			2176	1264	0240	1460	2006	5806	2702	5300	
October.....			6126	1398	6023	1269	0944	2216	5648	0760	
November.....			1882	3749	3064	0624	5888	5000	3628	2600	
December.....			3572	3058	1492	4064	7284	2710	2208	(468)	
TOTALS			35737	27472	29310	27520	33495	3262	31756	3247	

S/N 567729

1807 Mar. Apr. } In Hanover's values
1809 Dec. } (see next sheet)

also
Jan. 1809.
amended

to complete records
for year ended 2/187

John Dalton
1808

RAINFALL AT Manchester

Trans. Minutes of the Literary & Philosophical Society of Manchester

Observer Mr Dalton

Vol. III. 2^d Series. p. 496

Rain { By.....

Gauge { Diameter.....in. Height above Ground, 2.....ft.....in. Above Mean Sea Level.....ft.

YEAR.....	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January.....	(1.39)	2.116	3.50	1.500	0.948	1.150	3.528	1.284	5.520	2.357	
February.....	(2.57)	3.118	3.760	2.500	1.254	2.984	1.828	4.354	3.458	2.631	
March.....	2.000	3.566	4.584	1.154	1.440	4.132	2.230	2.190	5.026	2.283	
April.....	1.368	1.738	1.270	1.818	2.864	0.944	2.318	0.170	3.154	1.653	
May.....	0.948	5.136	3.022	5.574	0.300	3.966	3.538	2.702	1.188	2.653	
June.....	2.208	1.676	3.018	1.698	2.076	1.734	2.762	4.044	2.072	2.417	
July.....	2.980	2.812	4.415	3.208	2.354	3.100	6.888	6.468	2.134	3.349	
August.....	4.052	3.578	1.058	1.032	4.490	4.646	1.184	5.507	1.088	3.109	
September.....	2.076	0.320	2.682	3.060	1.158	3.116	2.026	1.313	3.718	2.431	
October.....	5.094	5.270	4.942	5.314	5.368	3.182	4.236	0.604	3.292	3.628	
November.....	4.074	3.928	2.304	4.940	3.756	3.426	3.496	2.516	4.526	3.490	
December.....	6.234	3.528	1. +	1.140	5.332	5.126	4.051	5.260	0.300	3.585	
TOTALS	(35.82)	36.716	34.5	33.828	31.340	37.506	39.535	36.412	35.566	33.396	

1811. The total in the Manchester Almanac is 37.726 evidently an error in addition

1810. D° D° 40.285 D° D°

1818. D° D° 34.566 D° D°

1812. ^{Jan} amended m. In Hansen record Dec looks reasonable as 1.00

(33.555)

V. Sh. by. Not 0.80 Feb. 1967

1819. The other record, giving 35.25, looks better against the Hansen record

SN 563729

by J. Dalton
two sheets further on

RAINFALL AT Manchester

From Memoirs of the Literary & Philosophical Society of Manchester

Observer John Dalton

Vol. VI, 2^d Series, p. 560

Rain { By.....

Gauge {in.

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

Above Mean Sea Level.....ft.

YEAR.....										1819	MEANS.
January.....										4.16	
February.....										4.23	
March.....										1.41	
April.....										2.32	
May.....										1.22	
June.....										4.00	
July.....										2.53	
August.....										2.29	
September.....										2.01	
October.....										3.85	
November.....										2.02	
December.....										5.15	
TOTALS										35.25	

* 1819. Compare this record with that for the same year, in the same place (Manchester) by the same observer, as given in the same vol. Vol. VI, 2^d Series, p. 496 - the total being 33.336

S/N 563329

This looks better than the 33.60 on previous Dalton sheet
 U.S. 2/67

RAINFALL AT

Manchester

481

From Memoirs of the Literary & Philosophical Society of Manchester

Observer *Wm. Dalton Esq. &c.*

Vol. VI, 2nd Series p. 560

Rain { By

Gauge {

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.....	1.55	1.32	2.25	1.89	2.00	2.33	76	3.70	3.31	.61	
February.....	1.03	.86	3.00	4.27	.97	1.96	3.19	1.00	2.11	1.57	
March.....	1.42	3.15	5.50	3.74	3.45	1.26	1.28	6.03	2.20	.18	
April.....	3.28	3.98	1.51	2.30	2.15	2.01	2.89	1.36	3.53	3.11	
May.....	5.81	3.19	2.73	2.93	1.58	5.11	.39	1.85	1.17	1.21	
June.....	4.20	1.46	.51	5.07	3.48	3.32	.20	1.87	2.72	2.87	
July.....	2.23	2.50	7.27	5.72	1.09	.60	3.00	2.23	11.48	5.48	
August.....	4.23	3.52	3.87	0.27	2.44	4.74	2.46	4.85	3.81	5.37	
September.....	3.09	5.47	1.31	5.09	5.44	1.00	2.80	2.05	3.39	4.00	
October.....	3.04	3.29	3.54	3.47	6.90	4.26	3.06	4.89	3.08	3.55	
November.....	2.41	5.40	5.28	2.50	5.51	7.38	1.03	3.05	3.70	4.34	
December.....	3.60	4.97	2.02	4.28	7.93	2.86	3.16	5.19	4.78	.74	
TOTALS	37.49	39.11	30.39	44.76	42.94	37.43	24.92	38.76	45.28	33.99	

510 563329

RAINFALL AT Manchester

From *Memoirs of the Literary & Philosophical Society of Manchester*
 Observer John Dalton Esq. F.R.S. Vol. VI, 2nd Series, p. 560

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

YEAR.....	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	MEANS.
January.....	93	43	1.25	32	5.64	4.25	3.96	2.84	32	2.31	
February.....	3.44	1.61	.80	3.26	2.78	3.10	2.62	3.31	1.33	2.26	
March.....	1.33	3.08	2.31	1.49	2.81	3.26	4.24	1.73	1.98	3.46	
April.....	4.29	1.69	2.28	3.43	1.57	1.30	2.83	1.40	3.22	.82	
May.....	2.91	.97	2.99	34	1.09	2.52	.67	2.95	2.36	.25	
June.....	7.06	2.53	4.09	6.98	3.27	2.13	4.30	2.00	4.34	3.19	
July.....	4.28	4.22	2.30	2.50	7.22	2.19	5.01	2.75	3.06	4.28	
August.....	2.61	3.06	5.56	5.12	2.16	2.94	1.87	1.83	4.15	3.59	
September.....	5.89	2.35	1.02	3.09	3.41	5.44	4.41	1.86	1.40	5.30	
October.....	1.91	4.11	4.03	3.53	1.76	4.00	3.58	4.88	4.47	2.70	
November.....	3.96	6.52	5.18	4.57	1.09	3.69	7.23	4.53	1.46	3.41	
December.....	2.26	3.27	4.85	7.06	1.27	1.72	4.03	3.07	2.73	1.79	
TOTALS.....	40.87	35.44	36.66	41.69	34.67	36.54	45.35	33.15	31.42	33.36	

5N 563329

RAINFALL AT

*Manchester**From Memoirs of the Library & Philosophical Society of Manchester*Observer *John Dalton, Esq. M.A.**Vol VI, 2nd Series, p. 560*Rain { By.....
Gauge {

Diameter.....in.

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

Above Mean Sea Level.....ft.

YEAR.....	1840									MEANS.
January.....	5.54									
February.....	1.24									
March.....	.25									
April.....	.79									
May.....	3.92									
June.....	3.79									
July.....	6.04									
August.....	4.06									
September.....	3.00									
October.....	2.40									
November.....	4.48									
December.....	.18									
TOTALS	37.29									

S/N 563329

Manchester

Y81

00

D. Dalton

10 in diameter 2 ft + ground

YEAR - -	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January - -	2.86	2.42	1.97	1.65	2.70	2.10	5.85	2.34	2.60	1.80	2.545
February - -	1.44	1.05	3.73	2.66	1.47	2.99	1.61	3.22	1.51	1.65	2.113
March - - -	2.37	2.09	1.06	2.59	2.04	2.45	1.06	(2.24) ^{10.0}	1.10	1.44	1.712
April - - -	4.10	1.79	1.97	1.33	3.06	1.14	1.50	(2.05) ^{7.5}	1.90	1.99	1.791
May - - -	2.05	2.60	1.06	2.50	1.36	2.16	1.11	2.97	2.70	3.37	2.248
June - - -	1.71	1.53	3.12	3.53	1.80	2.63	1.40	2.16	2.08	3.08	2.104
July - - -	1.29	4.05	6.23	1.11	3.17	3.66	1.97	2.27	2.01	2.15	2.771
August - -	1.05	1.73	3.22	1.73	2.90	2.92	2.90	2.51	3.03	4.66	2.645
September -	6.55	6.41	2.18	1.26	1.24	1.46	2.01	5.01	2.70	5.30	3.392
October - -	4.37	4.27	6.13	1.40	6.02	1.27	1.94	2.22	5.65	1.76	3.403
November -	3.70	3.15	1.80	3.75	3.06	1.62	5.86	5.00	3.63	2.60	3.325
December -	3.05	4.56	3.59	3.96	1.49	4.06	7.28	2.71	2.21	(3.53) ^{5.00}	3.644
TOTALS -	32.34	35.05	35.74	27.47	29.31	27.54	33.49	35.50	31.16	29.33	31.693

C C C C C C C C C C 32.96 30.79

7 May 1807 March & April and 1809 Decr averages

* Pencil figures est. 24.1.10

See also version in book for 1895-1840 which was used for engraving

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