

TYRain_1677-1886_A_pt1-page-186.jpg	Page 2
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TYRain_1677-1886_A_pt1-page-190.jpg	Page 6
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Manchester Dalton

481

D. Dalton

10 in diameter 2 ft + ground

YEAR - -	1790	1791	1792	1793	1794	1795	1796	1797	1798	1799	MEANS.
January - -					1.09	1.95	3.16	1.58	2.70	1.76	
February - -					3.77	2.46	2.29	1.21	1.91	4.16	
March - - -					2.03	2.02	1.58	1.94	1.18	2.16	
April - - -					3.91	3.23	1.60	2.10	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	1.85	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	1.46	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	1.35	
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

481

RAINFALL AT Manchester

from Memoirs of the Literary & Philosophical Society of Manchester

Observer John Dalton

Vol. V. 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									

S/N 563329

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RAINFALL AT ManchesterObserver John DaltonFrom Memories of the Literary & Philosophical Society of Manchester
Vol. III. Transactions, p. 495

Rain { By

Gauge {

Diameter.....1.0.....in.Height above Ground, 2.....ft.....in.

Above Mean Sea Level.....ft.

YEAR.....	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January.....			1.967	1.654	2.700	2.180	5.851	2.340	2.676	0.800	
February.....			3.728	2.664	1.468	2.988	1.604	3.220	1.512	1.650	
March.....			0.860	2.539	2.037	2.450	1.060	(.82)	0.180	0.444	
April.....			1.972	1.333	3.060	1.134	0.500	(.57)	1.982	0.994	
May.....			0.860	2.406	1.364	2.164	1.114	2.976	2.702	3.366	
June.....			3.120	3.534	1.802	2.626	1.400	2.160	2.078	3.083	
July.....			6.233	1.105	3.170	3.663	1.970	2.287	2.012	2.152	
August.....			3.221	1.728	2.590	2.918	2.904	2.572	3.828	4.656	
September.....			2.176	1.264	0.240	1.460	2.006	5.806	2.702	5.300	
October.....			6.126	1.398	6.023	1.269	4.944	2.216	3.648	0.760	
November.....			1.882	3.749	3.064	0.624	5.888	5.000	3.628	2.600	
December.....			3.592	3.058	1.402	4.064	7.284	2.710	2.208	(4.68)	
TOTALS			35.737	27.472	29.310	27.540	33.405	32.62	31.156	32.47	

5/11 567729

1807 Mar-Apr } Mr Hancocks' values
1809 Dec. } (see next sheet)also
Jan. 1809.
amendedto complete records
for year, used 2/67J. Shillley
revised

32.47

RAINFALL AT

Manchester

Observer

*Mr Dalton**From Memoirs of the Literary & Philosophical Society of Manchester**Vol. III. 2^d Series. p. 496*

Rain

By.....

Gauge

Diameter.....*1*.....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.....	<i>(1.39)</i>	<i>2.116</i>	<i>3.50</i>	<i>1.500</i>	<i>0.948</i>	<i>1.150</i>	<i>3.528</i>	<i>1.284</i>	<i>5.520</i>	<i>2.357</i>	
February.....	<i>(2.57)</i>	<i>3.118</i>	<i>3.760</i>	<i>2.500</i>	<i>1.254</i>	<i>2.984</i>	<i>1.828</i>	<i>4.354</i>	<i>3.458</i>	<i>2.631</i>	
March.....	<i>2.000</i>	<i>3.566</i>	<i>4.584</i>	<i>1.154</i>	<i>1.440</i>	<i>4.132</i>	<i>2.830</i>	<i>2.190</i>	<i>5.020</i>	<i>2.283</i>	
April.....	<i>1.368</i>	<i>1.738</i>	<i>1.270</i>	<i>1.818</i>	<i>2.804</i>	<i>0.944</i>	<i>2.318</i>	<i>0.170</i>	<i>3.154</i>	<i>1.663</i>	
May.....	<i>0.948</i>	<i>5.136</i>	<i>3.022</i>	<i>5.574</i>	<i>0.300</i>	<i>3.966</i>	<i>3.538</i>	<i>2.702</i>	<i>1.188</i>	<i>2.653</i>	
June.....	<i>2.208</i>	<i>1.676</i>	<i>3.018</i>	<i>1.698</i>	<i>2.076</i>	<i>7.734</i>	<i>2.762</i>	<i>4.044</i>	<i>2.072</i>	<i>2.417</i>	
July.....	<i>2.980</i>	<i>2.812</i>	<i>4.415</i>	<i>3.208</i>	<i>2.354</i>	<i>3.100</i>	<i>6.888</i>	<i>6.468</i>	<i>2.134</i>	<i>3.349</i>	
August.....	<i>4.082</i>	<i>3.508</i>	<i>1.058</i>	<i>1.932</i>	<i>4.490</i>	<i>4.640</i>	<i>1.184</i>	<i>5.507</i>	<i>1.088</i>	<i>3.109</i>	
September.....	<i>2.076</i>	<i>0.320</i>	<i>2.682</i>	<i>3.060</i>	<i>1.158</i>	<i>3.116</i>	<i>2.926</i>	<i>1.513</i>	<i>3.718</i>	<i>2.431</i>	
October.....	<i>5.091</i>	<i>5.270</i>	<i>4.042</i>	<i>5.304</i>	<i>5.368</i>	<i>3.182</i>	<i>4.236</i>	<i>0.604</i>	<i>3.292</i>	<i>3.628</i>	
November.....	<i>4.074</i>	<i>3.928</i>	<i>2.304</i>	<i>4.940</i>	<i>3.756</i>	<i>3.426</i>	<i>3.496</i>	<i>2.516</i>	<i>4.526</i>	<i>3.490</i>	
December.....	<i>0.234</i>	<i>3.528</i>	<i>1. +</i>	<i>1.140</i>	<i>5.332</i>	<i>5.126</i>	<i>4.051</i>	<i>5.260</i>	<i>0.390</i>	<i>3.585</i>	
TOTALS	<i>(35.02)</i>	<i>36.716</i>	<i>34.7</i>	<i>33.828</i>	<i>31.340</i>	<i>37.306</i>	<i>39.535</i>	<i>36.412</i>	<i>35.566</i>	<i>33.396</i>	

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

1816. *D.* *D.* *40.285* *D.* *D.*

1818. *D.* *D.* *34.566* *D.* *D.*

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

(*33.555*)

V. Shuler Not 0.80
Feb-1967

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

SN 563729

by *V. Dalton*
see
two sheets further on →

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RAINFALL AT Manchester

From Memoirs of the Literary & Philosophical Society of Manchester

Observer Wm 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.....									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 book, Vol. III, 2nd Series, p. 496 = the total being 33.536

S/N 563329

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

RAINFALL AT

Manchester

481

*From Memoirs of the Literary & Philosophical Society of Manchester*Observer *Wm Dalton Esq. 866**Vol VI, 2^d 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	.01	
February.....	1.03	.86	3.00	4.27	.97	1.96	3.19	1.09	2.11	1.57	
March.....	1.43	3.15	5.50	3.04	3.45	1.26	1.28	6.03	2.20	.18	
April.....	3.28	3.98	1.51	2.30	2.15	2.01	2.09	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	3.00	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	2.65	3.39	4.90	
October.....	3.04	3.29	3.54	3.47	6.90	4.26	3.96	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.....	3.69	4.97	2.02	4.28	7.93	2.86	3.16	5.19	4.78	.74	
TOTALS	37.40	39.11	36.39	44.70	42.04	37.43	24.92	38.76	45.28	33.99	

S/N 563329

RAINFALL AT

Manchester

481

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 Levelft.

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	1.01	.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	1.09	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	.07	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	3.66	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	1.69	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	41.09	34.67	36.54	45.35	33.15	31.42	33.36	

SN 563329

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RAINFALL AT *Manchester*

from Memoirs of the Literary & Philosophical Society of Manchester

Observer *John Dalton, Esq. M.A.*

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

Rain { By.....

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

YEAR.....	<i>1840</i>										MEANS.
January.....	<i>3.54</i>										
February.....	<i>1.24</i>										
March.....	<i>.25</i>										
April.....	<i>.79</i>										
May.....	<i>3.92</i>										
June.....	<i>3.79</i>										
July.....	<i>6.04</i>										
August.....	<i>4.06</i>										
September.....	<i>3.00</i>										
October.....	<i>2.40</i>										
November.....	<i>4.48</i>										
December.....	<i>.18</i>										
TOTALS	<i>34.29</i>										

S/N 563329