

RAINFALL AT Liverpool

Observer G. Dobson

Phil. Trans. Vol. LXVIII, pt. 2, p. 50

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

YEAR.....	1772	1773	1774	1775	MEANS.
January.....	3.26	3.15	1.43	3.21	
February.....	2.35	2.37	2.42	4.02	
March.....	1.62	0.65	1.38	2.45	
April.....	1.85	2.47	2.23	1.01	
May	3.42	4.56	1.65	0.85	
June	3.12	1.42	3.26	2.12	
July	1.59	1.32	2.68	5.31	
August	3.65	2.21	2.36	4.26	
September.....	6.05	6.55	5.52	4.00	
October	3.42	4.57	1.68	7.01	
November.....	4.85	6.69	2.59	3.03	
December.....	5.21	4.32	1.63	3.35	
TOTALS	37.39	40.28	31.93	41.22	

* In Phil. Trans. this total is 40.18.

- In Phil. Trans. this total is 40.22.

Rainfall at Liverpool

477

Hutchinson

YEAR - -	1770	1771	1772	1773	1774	1775	1776	1777	1778	1779	MEANS.
January - -						113	156	188	203	19	
February - -						242	425	225	106	44	
March - - -						154	188	212	184	50	
April - - -						56	106	191	172	119	
May - - - -						69	119	281	247	231	
June - - - -						228	300	225	413	225	
July - - - -						496	381	244	550	409	
August - - -						334	356	322	72	78	
September -						300	522	222	209	344	
October - -						438	222	412	525	259	
November -						284	291	334	484	309	
December -						233	253	162	397	566	
TOTALS -						2967	3319	3048	3562	2653	

MET. DEPT. MINISTRY OF
RETRONOMICAL SURVEY

567545

NOR: 55(33) 340902

ALT: 41 H = 12 metres. Date of reading 20-7-78

RAINFALL AT Liverpool

V77

From the Minutes of the Literary Philosophical Society of Manchester

Observer Mr. Fletcher is the observer
Mr. D. D. D. is the author of the paper
Ed. N. & Z. p. 576. 2

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

or a note of book
of June 21/1875.

YEAR.....	1775	1776	1777	1778	1779	MEANS.
January.....	1.13	1.56	1.88	2.03	1.18	
February.....	2.03	4.25	2.25	1.06	1.43	
March.....	1.53	1.88	2.13	1.84	1.50	
April.....	1.50	1.96	1.91	1.72	1.18	
May	1.69	1.19	2.81	2.47	2.31	
June	2.28	3.00	2.25	4.13	2.25	
July	4.96	3.81	2.44	5.50	4.09	
August.....	3.34	3.58	3.22	1.71	1.78	
September.....	3.00	5.22	2.22	2.09	3.44	
October	4.38	2.22	4.13	5.25	2.59	
November.....	2.84	2.91	3.34	4.84	3.09	
December.....	2.33	2.53	1.62	3.07	5.68	
TOTALS	29.67	33.19	30.20	35.61	26.50	

MEDIAN RAINFALL IN MM
RETRON

567545

NGR: 55(33) 340902

ALT: 41 ft = 12 metres. Date of review: 20-7-78

Rainfall at Liverpool

YEAR - -	1780	1781	1782	1783	1784	1785	1786	1787	1788	1789	MEANS.
January - -	113	200	238	419	204	225	247	87	188	137	2.138
February - -	309	338	75	291	113	106	08	104	247	150	1.901
March - - -	131	47	181	234	156	81	87	222	228	66	1.433
April - - -	181	241	403	50	331	66	72	109	181	203	1.837
May - - -	156	228	391	325	169	109	306	141	163	450	2.458
June - - -	134	409	122	334	428	134	212	241	144	766	2.924
July - - -	184	159	197	319	285	169	169	556	422	650	3.110
August - -	44	447	656	609	369	459	319	328	209	172	3.612
September -	466	275	312	478	184	328	456	163	269	581	3.512
October - -	391	100	281	303	75	341	156	916	231	775	3.569
November -	353	478	241	353	331	338	219	384	134	419	3.250
December -	22	197	194	141	303	206	303	475	44	500	2.385
TOTALS -	24.84	31.19	32.91	38.56	30.28	25.62	26.84	38.06	24.60	40.69	32.109
											25.60

C C C C C C C C C C

MET. OFFICE MANCHESTER
RETRIEVED

567545

NGR: SJ(33) 340902

Elt: 41 ft. 12 miles. Date of review 20-7-78

RAINFALL AT Liverpool

Probable
Copy of first
Handwritten

Observer _____

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

From 'Total book'

YEAR.....	1780	1781	1782	1783	1784	1785	1786	1787	1788	1789	MEANS.
January.....											
February.....											
March.....											
April.....											
May											
June											
July											
August											
September.....											
October...											
November.....											
December.....											
TOTAL					36.00	26.25	26.50	37.25	24.13	48.25	

RAINFALL AT Liverpool

From Memoirs of the Literary & Philosophical Society of Manchester

Observer, N. Hetherington

Vol. IV. P. 2, p. 572. 3

Rain { By.....
Gauge

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

YEAR.....	1780	1781	1782	1783	1784	1785	1786	1787	1788	1789	MEANS.
January.....	1.13	2.07	2.38	4.17	2.84	2.25	2.47	.88	1.88	1.38	
February.....	3.09	3.38	.75	2.91	1.13	1.06	.88	1.84	2.47	1.50	
March.....	1.31	.47	1.81	2.34	1.56	.81	.87	2.22	2.28	.65	
April.....	1.61	2.41	4.03	.50	3.31	.65	.72	1.09	1.81	2.03	
May.....	1.56	2.28	3.91	3.25	1.69	1.09	3.06	1.41	1.63	4.50	
June.....	1.34	4.09	1.22	3.34	4.28	1.34	2.13	2.41	1.44	7.66	
July.....	1.84	1.59	1.97	3.19	2.84	1.69	1.09	5.56	4.22	6.30	
August.....	.44	4.47	6.56	6.09	3.69	4.59	3.19	3.28	2.09	1.72	
September.....	4.66	2.75	3.12	4.78	1.84	3.28	4.56	1.62	2.69	5.81	
October.....	3.91	1.03	2.81	3.03	.75	3.41	1.56	9.16	2.31	7.75	
November.....	5.53	4.78	2.41	3.53	3.31	3.38	2.19	3.84	1.34	4.19	
December.....	.22	1.97	1.94	1.41	3.03	2.06	3.03	4.75	.44	5.00	
TOTALS	24.84	31.19	32.91	38.56	30.27	25.61	26.35	38.06	24.60	48.69	

* Twice the quantity of rain fell in 1789 as fell in 1788 assuming the total to be correct, but in the printed volume the total for 1788 is given, on page 575, as 25.5788

MET. OBS. RAINFALL
RETROSPECTIVE

567545

NGR: 55(33) 340902

ALT: 41 H = 12 metres. Date of review: 20-7-78

Rainfall at Liverpool

Y77

YEAR -	1790	1791	1792	1793	1794	1795	1796	1797	1798	1799	MEANS.
January - -	3 90	4 31	2 75								
February - -	1 00	2 38	2 25								
March - - -	1 22	1 44	2 53								
April - - -	1 97	4 56	6 53								
May - - - -	4 66	1 50	6 31								
June - - - -	3 09	1 88	2 56								
July - - - -	5 47	4 78	3 78								
August - - -	3 53	4 12	6 19								
September - -	3 25	3 44	8 00								
October - -	2 53	5 84	4 41								
November - -	4 78	5 41	2 22								
December - -	7 16	5 75	6 72								
TOTALS -	42.56	45.41	54.25								
	C	C	C								

MET.O.B. RAINFALL REC'D.
RETROSPECTIVE

N.G.R.

E.A.T.

H.Z.

Metres. Date of review

567545

N.G.R. SJ(33) 340902

E.A.T. 41 H = 12 metres. Date of review 20-7-78

Rainfall at Liverpool778a
OO

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

YEAR - -	1802	1803	1804	MEANS.
January - -	3.00	1.95	3.20	
February - -	2.75	1.80	.99	
March - - -	.75	1.25	2.50	
April - - -	2.25	1.75	1.75	
May - - -	1.64	1.70	3.00	
June - - -	2.50	3.28	1.22	
July - - -	6.10	1.54	1.90	
August - - -	3.50	1.88	2.35	
September -	1.75	1.60	1.67	
October - -	4.90	.82	5.90	
November -	1.70	3.25	3.00	
December -	2.70	4.60	2.40	
TOTALS -	33.54	25.42	29.88	

C C C

2-4 Ed. Farmers May

RAINFALL AT Liverpool

Lord St. & Percy St.

Observer... A. Abraham...

Y 639

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

YEAR.....					1835	1836	1837	1838	1839	MEANS.
January.....					ff					
February										
March										
April										
May										
June										
July										
August										
September....										
October										
November.....										
December										
TOTALS					55.21	28.02	29.51	30.10	32.77	33.57

c c c c c

Percy St. 5-9

I think it very doubtful if any rainfall observations were ever made by Mepst Abraham at Lord St. It is implied by their printed tables, but I think, from the altitude given by Mr. Stanistreet (160 ft) agreeing with that of Percy St., and not agreeing with that of Lord St., and from several remarks in the large mass of his correspondence now in my possession that all observations between 1835 and 1848 quoted as Lord St. are really Percy St.-

In Mepst Abraham's table the first total is for 1835; Mr. Stanistreet gives 1834 as above

ff

RAINFALL AT Liverpool*Observer*

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

YEAR.....	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January.....											
February.....											
March.....											
April.....											
May.....											
June.....											
July.....											
August.....											
September.....											
October.....											
November.....											
December.....											
TOTALS				36.			34.06	38.17			

RAINFALL AT Liverpool

Observer W. L. Appleton Esq.

Rain { By.....

Gauge..... in.

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

Above Mean Sea Level..... ft.

YEAR.....	1843	1844	1848	1849	MEANS.
January.....				1.40	
February				3.96	
March				2.62	
April				1.76	
May	^	x		1.71	
June.....	4.92	.81		3.62	
July				2.53	
August.....				4.10	
September.....				2.74	
October.....				4.40	
November.....				2.10	
December.....				1.53	
TOTALS				32.47	

x not known from which register

1848 from Johnson's Almanac