

RAINFALL AT *Liverpool*

Observer *H. Dobson*

Phil. Trans. Vol. LXVII. pp. 547. 50

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

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

Above Mean Sea Level.....ft.

YEAR.....			1772	1773	1774	1775					MEANS.
January.....			3.26	3.15	4.43	3.21					
February.....			2.35	2.37	2.42	4.02					
March.....			1.02	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	2.69	3.03					
December.....			2.21	4.32	1.63	3.35					
TOTALS			37.39	40.28	34.93	41.22					

* In Phil. Trans. this total is 40.18.

• In Phil. Trans. this total is 40.22.

Rainfall at Liverpool

Hutchinson

YEAR - -	1770	1771	1772	1773	1774	1775	1776	1777	1778	1779	MEANS.
January - -						# 1 13	1 56	1 88	2 03	1 19	
February - -						2 62	4 25	2 25	1 06	1 44	
March - - -						1 34	1 88	2 12	1 84	1 50	
April - - -						1 56	1 06	1 91	1 72	1 19	
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 56	3 22	1 72	1 78	
September -						3 00	5 22	2 22	2 09	3 44	
October - - -						4 38	2 22	4 12	5 25	2 59	
November - -						2 84	2 91	3 34	4 84	3 09	
December - -						2 33	2 53	1 62	3 97	5 66	
TOTALS - -						29 67	33 19	30 18	35 62	26 53	

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MET. OBS. STATION
RETROS. DATA

567545

NGR: SJ(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 - -	1 13	2 00	2 38	4 19	2 04	2 25	2 47	87	1 08	1 37	2.138
February - -	3 09	3 38	75	2 91	1 13	1 06	88	1 04	2 47	1 50	1.901
March - - -	1 31	47	1 81	2 34	1 56	81	87	2 22	2 28	66	1.433
April - - -	1 81	2 41	4 03	50	3 31	66	72	1 09	1 81	2 03	1.837
May - - - -	1 56	2 28	3 91	3 25	1 69	1 09	3.06	1 41	1 63	4 50	2.438
June - - - -	1 34	4 09	1 22	3 34	4 28	1 34	2 12	2 41	1 44	7 66	2.924
July - - - -	1 84	1 59	1 97	3 19	2 85	1 69	1 69	5 56	4 22	6 50	3.110
August - - -	1 44	4 47	6 56	6 09	3 69	4 59	3 19	3 28	2 09	1 72	3.612
September -	4 66	2 75	3 12	4 78	1 84	3 28	4 56	1 63	2 69	5 81	3.512
October - -	3 91	1 00	2 81	3 03	75	3 41	1 56	9 16	2 31	7 75	3.569
November -	3 53	4 78	2 41	3 53	3 31	3 38	2 19	3 84	1 34	4 19	3.250
December -	1 22	1 97	1 94	1 41	3 03	2 06	3 03	4 75	44	5 00	2.385
TOTALS -	24.84	31.19	32.91	38.56	30.28	25.62	26.84	38.06	24.60	48.69	32.109

25.60

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MET. O. P. MANAGERS
RETROS.

567545

NGR: SJ(33) 340902

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

RAINFALL AT *Liverpool*

*Probably
Copy of book of
Hudson*

Observer

Rain { By

From "Total book"

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.....											
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 W. Hutchinson

Vol. IV. Pt. 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	2.00	2.38	4.19	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.....	1.81	2.41	4.03	.50	3.31	.65	.72	1.09	1.81	2.03	
May.....	1.56	2.28	3.91	3.25	1.09	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	6.50	
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	1.00	2.81	3.03	.75	3.41	1.56	9.16	2.31	7.75	
November.....	3.53	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	26.55	38.06	24.60	48.69	

* Twice the quantity of rain fell in 1789 as fell in 1788 assuming the totals to be correct, but in the printed volume the total for 1788 is given, on page 575, as 25.5988

MET. O. S. RAINFALL
RETROSPECTIVE

567545

NGR: 5J(33)340902

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

Rainfall at Liverpool

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 00	2 56								
July - - - -	5 47	4 70	3 70								
August - - -	3 53	4 12	6 19								
September -	3 25	3 44	8 00								
October - -	2 53	5 04	4 41								
November -	4 70	5 41	2 22								
December -	7 16	5 75	6 72								
TOTALS -	42.56	45.41	54.25								

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MET. OBS. STATION

NGR:

ALT:

Miles. Date of review

MET. OBS. STATION

RETROSPECTIVE

567545

NGR: SJ(33)340902

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

Rainfall at Liverpool

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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 439

Rain { By.....

Gauge { Diameter.....in.

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

Above Mean Sea Level.....ft.

YEAR.....					1835	1836	1837	1838	1839	MEANS.
January.....					#					
February.....										
March.....										
April.....										
May.....										
June.....										
July.....										
August.....										
September.....										
October.....										
November.....										
December.....										
TOTALS.....					33.21	28.02	29.51	30.10	32.77	33.57

C C C C C

P. P. P. 5-9

I think it very doubtful if any rainfall observations were ever made by Messrs 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 Messrs Abraham's table the first total is for 1835; Mr Stanistreet gives 1834 as above

E.H.

RAINFALL AT Liverpool

Observer _____

Rain { By _____

From *Total book*

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

40

Observer W. L. P. S. S. S.

Rain { By
Gauge { Diameter 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 4.92	x .81				1.71		
June.....								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 what register

1848 from Johnson's Almanac