

RAINFALL AT *The Mill Bar, East side of Blackstone Ridge*

From Memoirs of the Literary & Philosophical Society of Manchester

Authority, Observer *Thomas Fleming Esq.*Vol. VI. 2^d Series, p. 582

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.....		.83	1.14	0.38	7.53	2.15	3.07	3.53	.80	2.80	
February.....		2.89	.54	4.09	4.05	4.00	2.80	4.00		1.70	
March.....		4.93	2.77	1.33	3.95	4.04	4.80	.71	2.30	3.90	
April.....		2.21	2.60	3.53	0.50	1.50	2.53	.38	2.15	.95	
May.....		1.30	2.12	.99	0.55	2.50		.60	3.07		
June.....		2.08	4.66	5.72	2.75	1.70	4.15	2.93	3.30	2.80	
July.....		3.41	1.60	1.85	5.67	1.22	5.60	2.83	3.13	4.25	
August.....		2.50	4.50	3.80	2.08	1.40	1.57	1.00	6.03	3.28	
September.....		3.63	1.04	3.05	2.80	5.40	3.07	3.07	1.15	5.25	
October.....		4.22	3.72	4.12	2.12	5.00	3.98	6.00	5.80	2.60	
November.....		6.58	4.37	6.25	3.45	3.85	5.25	4.05	2.90	5.02	
December.....		4.24	5.42	8.07	4.41	1.35	2.50	5.07	2.80	3.15	
TOTALS.....		38.91	34.48	43.78	35.89	34.11	39.32	34.17	33.43	35.70	

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* 1836. In Volume the total is erroneously added up to 39.26

MET. OBS. RAINMASTER
RETROSPECTIVE 1845-1850

077721

NGR: SD(34) 989185

ALT: 1075 ft = 328 metres. Date of review: 24-7-78

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RAINFALL AT

The Toll Bar, East side of Blackstone Crag, between

From Museum of the Literary Philosophical Society of Manchester

Authority, Observer, Thomas Fleming Esq.

Vol. VI. 2^d Series. p. 582Rain { By.....
Gauge { Diameter.....in.

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

Above Mean Sea Level.....ft.

YEAR.....	1840											MEANS
January.....	5.70											
February.....	2.62											
March.....	2.7											
April.....	2.5											
May.....	3.30											
June.....	2.36											
July.....	4.30											
August.....	4.15											
September.....	4.30											
October.....	1.70											
November.....	5.20											
December.....	2.5											
TOTALS	34.40											

MET. OR. RAINMASTER
RETROSPECTIVE GAGE NO. 1

077721

NGR: 5D(34) 989185

ALT 1075 ft = 328 metres. Date of review 24-7-78

Toll Bar, Blackstone Edge
E. side of the Edge

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E-W-40

See Mon. Lull
JMC.
2/12/75

Y 616

on roof - 20 ft 3

YEAR - -	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	MEANS.
January - -		.83	1.14	.38	7.53	2.15	3.07	3.53	.00	2.80	
February - -		2.89	.54	4.09	4.05	4.00	2.80	4.00	.00	1.70	
March - - -		4.93	2.77	1.33	3.95	4.04	4.80	.71	2.30	3.90	
April - - -		2.21	2.60	3.53	.50	1.50	2.53	.38	2.15	.95	
May - - - -		1.30	2.12	.99	.55	2.50	.00	.60	3.07	.00	
June - - - -		2.08	4.66	5.72	2.75	1.70	4.15	2.93	3.30	2.80	
July - - - -		3.41	1.60	1.85	5.67	1.22	5.60	2.83	3.13	4.25	
August - - -		2.59	4.50	3.80	2.08	1.40	1.57	1.00	6.03	3.28	
September -		3.63	1.04	3.05	2.80	5.40	3.07	3.07	1.15	5.25	
October - - -		4.22	3.72	4.12	2.12	5.00	3.98	6.00	5.80	2.60	
November -		6.58	4.37	6.25	3.45	3.85	5.25	4.05	2.90	5.02	
December -		4.24	5.42	8.07	.44	1.35	2.50	5.07	2.80	3.15	
TOTALS -		38.91	34.40	43.18	35.89	34.11	39.32	34.17	33.43	35.70	

E E E E E 39.26 E E E

1-9 Mon. Mem 7-20

Toll Bar, Blackstone Edge
 bonny gauge

40
 E-x-110

gauge

on roof 2 roft + ground; 2 1000 ft + 82

YEAR - -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -	5.70					2.09	4.05	1.70			
February - -	2.62					.00	1.74	2.63			
March - - -	.27					2.30	2.08	1.00			
April - - -	.25					1.99	4.55	2.30			
May - - - -	3.30					1.86	1.15	3.72			
June - - - -	2.36					3.36	2.72	2.47			
July - - - -	4.30					3.70	2.00	.75			
August - - -	4.15					4.60	5.20	1.00			
September -	4.30					3.30	1.00	3.90			
October - - -	1.70					4.20	4.50	4.30			
November -	5.20					2.12	3.50	3.00			
December -	.25					6.70	1.00	6.20			
TOTALS -	34.40				23.45	37.02	35.09	34.57			

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0 Mean Mon 7-29

4 " " 7-44

In '44 M. of 10 yrs is given as 36.85; M. 1831-40 = 36.36; therefore
 41-3 were probably missing.

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Ex 149

Toll Bar
Blackstone Edge
Loep Gang

Gauge float BAI 1 ft + ground + L Level 900 or 1000 ft.

YEAR - -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -					2.3	4.0	6.1	3.1			
February - -					2.4	1.3	2.0	3.4			
March - - -					8.0	5.1	3.9	2.5			
April - - -					1.1	3.0	5.1	4.0			
May - - - -					.2	4.0	1.0	3.5			
June - - - -					2.0	5.0	3.5	2.5			
July - - - -					4.2	4.5	4.0	1.3			
August - - -					5.2	8.2	3.8	2.3			
September -					3.0	4.6	2.5	4.5			
October - -					3.6	8.8	5.6	5.5			
November -					2.0	4.2	4.4	4.5			
December -					.2	12.0	2.0	11.0			
TOTALS -					34.20	64.70	43.90	48.10			

Man Mem 7-52