

RAINFALL AT ~~N. Rochdale~~

From Memoirs of the Literary & Philosophical Society of Manchester

Observer W. Robert Matcham, Esq., F.R.S.

Vol V, 2nd Series, p. 246

Rain { By
Gauge { Diameter in. Height above Ground, ft. in.

Above Mean Sea Level 510 ft.

YEAR.....					1825	1826	1827	1828	1829	MEANS.
January.....					1.55	.85	2.15	2.70	.31	
February.....					1.05	2.20	.60	1.25	1.20	
March.....					.80	.05	3.30	.90	.05	
April.....					.95	1.30	.40	3.50	2.70	
May.....					3.35	.15	1.05	1.00	.70	
June.....					2.75	.55	2.05	1.15	2.20	
July.....					.80	2.75	1.15	9.40	2.75	
August.....					3.25	1.95	2.75	4.95	6.15	
September.....					1.60	1.55	2.05	2.40	4.45	
October.....					4.10	3.35	3.55	2.40	2.75	
November.....					4.78	1.80	3.15	4.30	2.35	
December.....					1.80	2.20	4.15	4.45	.35	
TOTALS					26.78	18.70	26.35	38.40	25.96	

RAINFALL AT ~~Moss Lock, N. Stockdale~~

From Memoirs of the Literary & Philosophical Society of Manchester

Authority ~~Observer~~ James Fleming, Esq.

Vol. VI, 2nd Series, p. 580

Rain { By
Gauge Diameter.....in. Height above Ground,.....ft.....in.

Above Mean Sea Level 5100 ft.

YEAR.....	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	MEANS.
January.....	.20	.40	1.20	.71	6.25	3.41	2.42	2.24	.54	1.65	
February.....	2.00	1.23	.59	3.15	2.57	3.31	2.10	2.92	1.15	1.87	
March.....	1.10	3.85	2.35	.76	2.28	3.04	3.70	.98	1.92	3.60	
April.....	2.45	1.70	1.82	2.40	.91	.91	2.21	.88	2.60	.67	
May.....	2.40	.60	1.87	.86	.64	1.95	—	.94	2.85	.05	
June.....	3.00	2.30	2.67	2.26	2.65	1.51	3.75	1.69	3.00	2.25	
July.....	4.70	2.43	1.65	3.22	4.75	1.67	4.95	2.98	3.23	3.85	
August.....	2.40	2.28	4.18	3.30	2.00	2.45	1.73	1.62	3.95	3.85	
September.....	5.45	2.85	.86	2.32	1.83	3.96	3.30	2.44	.98	4.20	
October.....	1.35	3.17	3.56	3.17	1.76	3.35	3.10	4.65	3.50	2.05	
November.....	3.95	5.15	3.80	4.90	2.50	3.70	6.60	3.20	1.67	3.23	
December.....	1.20	2.53	4.25	7.15	1.02	1.10	4.65	3.27	1.75	1.95	
TOTALS	30.80	28.49	28.80	34.20	29.25	30.36	38.57	27.81	27.14	29.22	

RAINFALL AT ~~Mass Lock~~, Rochdale

From Memoirs of the Literary & Philosophical Society of Manchester

Author of Observations Thomas Fleming, Esq.

Vol. VI, 2nd Series, p. 580

Rain { By
Gauge Diameter.....in. Height above Ground,ft.in. Above Mean Sea Level 570.ft.

YEAR.....	1840	MEANS.
January.....	<u>3.17</u>	
February.....	<u>.85</u>	
March.....	<u>.15</u>	
April.....	<u>.35</u>	
May	<u>2.53</u>	
June	<u>2.20</u>	
July	<u>3.85</u>	
August.....	<u>3.48</u>	
September.....	<u>3.28</u>	
October	<u>1.30</u>	
November.....	<u>3.18</u>	
December.....	<u>.05</u>	
TOTALS	<u>24.39</u>	

561534

RAIN Moss Lock nr Rochdale

6m SW of Blackstone Edge

20

1364 Prof Monkey Prof Rochdale.
 Samp these were on the north
 side garages were on the west
 of the lock keepers cottages
 J. H. Coaldrake 1/1/75
 510 ft + S. L.

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -						1.55	.05	2.15	2.70	.31	
February - -						1.05	2.20	.60	1.25	1.20	
March - - -						.80	.05	3.30	.90	.05	
April - - -						.95	1.30	.40	3.50	2.70	
May - - - -						3.35	.15	1.05	1.00	.70	
June - - - -						2.75	.55	2.05	1.15	2.20	
July - - - -						.80	2.75	1.15	9.40	2.75	
August - - -						3.25	1.95	2.75	4.95	6.15	
September - -						1.60	1.55	2.05	2.40	4.45	
October - - -						4.10	3.35	3.55	2.40	2.75	
November - - -						4.70	1.80	3.15	4.30	2.35	
December - - -						1.00	2.20	4.15	4.45	.35	
TOTALS - -						26.78	18.70	26.35	38.40	25.96	

59 March Mem 7-15

MET.O.S RAJUNMASTER
RETROSPECTIVE SITE REVIEW

END STA 561534

NGR: SD(24) 914127

ALT: 470 m = 143 mtrds. Date of review 24/7/78

561534

Moss Lock

E-W-42

30

Mr. Rockdale - 6m SW of Blackstone Edge

According
to Prof. Murray.
Rockdale canal on the
gorge was on the lock
with of the cottages
on roof = 20ft? J.W.C.
21/7/75 510 feet + Sea Level

Y94

YEAR --	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	MEANS.
January --	2.0	4.0	1.20	.71	6.25	3.41	2.42	2.24	.54	1.65	1.902
February --	2.60	1.23	.59	3.15	2.57	3.31	2.10	2.92	1.15	1.87	2.149
March --	1.10	3.05	2.35	.76	2.28	3.04	3.70	.98	1.92	3.60	2.358
April --	2.45	1.70	1.82	2.40	.91	.91	2.21	.88	2.60	.67	1.655
May --	2.40	6.0	1.87	.86	.64	1.95	0.0	.94	2.85	.05	1.216
June --	3.00	2.30	2.67	2.26	2.65	1.51	3.75	1.69	3.00	2.25	2.508
July --	4.70	2.43	1.15	3.22	4.75	1.67	4.95	2.98	3.23	3.85	3.343
August --	2.40	2.28	4.18	3.30	2.00	2.45	1.73	1.62	3.95	3.85	2.776
September -	5.45	2.85	.06	2.32	1.83	3.96	3.30	2.44	.98	4.20	2.819
October --	1.35	3.17	3.56	3.17	1.76	3.35	3.10	4.65	3.50	2.05	2.966
November -	3.95	5.15	3.80	4.90	2.59	3.70	6.60	3.20	1.67	3.23	3.879
December -	1.20	2.53	4.25	7.15	1.02	1.10	4.65	3.27	1.75	1.95	2.887
TOTALS -	30.80	28.49	28.80	34.20	29.25	30.36	38.51	27.81	27.14	29.22	30.458

11 12 13 14 15 16 17 18 19 20 21 22

o-g Man Mem 7-22

MET.O.S RAINMASTER
RETROSPECTIVE SITE REVIEW

HYD. S/N. 561534

NGR: SD(74) 014127

ALT: 470 ft = 143

metres. Date of review: 24/7/1978

561534

Moss Lock ~~valley~~
Cont. gauge ~~from 1st of January~~

Ex 40

Gauge ~~on roof 320 ft + ground~~ + Sea level 500 ft.

YEAR - -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -	3.17					1.80	4.50	1.10			
February - -	.85					1.05	.65	1.41			
March - - -	.15					1.60	1.35	.84			
April - - -	.35					1.40	2.40	1.29			
May - - -	2.53					1.08	.80	3.25			
June - - -	2.20					2.55	1.70	2.55			
July - - -	3.85					2.85	2.75	.80			
August - -	3.48					5.00	2.45	1.35			
September -	3.28					2.55	.85	3.41			
October - -	1.30					3.45	2.50	4.00			
November -	3.18					2.15	1.76	3.15			
December -	.05					3.95	1.05	3.80			
TOTALS -	24.39					20.50	29.43	22.76	26.95		

C C C C

In 44 M. of 16 yrs is given as 29.10, M. 1825-40
Mean Mean 7.23 8.50 = 29.07 therefore probably 41-3 were inaccessible
4 - 7.43

METHO-RAINMETER
RETROSPECTIVE SITE REVIEW

561534

NOR: SD(34)914127

ALT: 470 It = 143 metres Date of review: 24-7-78

Moss Lock nr Rochdale

Ex 40
144

"Soil Gauge" 3 m from foot of Blackstone Edge

Gauge float B.A.I 1 ft + ground + Sea Level 500 ft

YEAR - -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -					2.4	4.5	1.4				
February - -					3.7	1.0	1.9				
March - - -					4.1	2.1					
April - - -					1.0	3.8					
May - - - -					1.2	1.1	3.5				
June - - - -					1.9	3.0	3.1				
July - - - -					4.2	3.0	1.6				
August - - -					3.8	3.0	2.0				
September - -					3.3	1.4	4.5				
October - -					2.4	4.2	4.3				
November - -					2.7	2.1	3.8				
December - -					1.60	1.70	5.20				
TOTALS -					30.30	31.70	0				

C C C

Man Mem 7-44