

RAINFALL AT *Moss Lock, N. Rochdale**From Memoirs of the Literary & Philosophical Society of Manchester*Observer *M. Robert Mather, Engineer**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.....						1.00	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 *Mass Lock, N. H. Hobbsdale*

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 *511* 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	3.90	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	2.39	3.70	6.60	3.20	1.67	3.23	
December.....	1.20	2.53	4.25	7.15	1.82	1.10	4.65	3.27	1.75	1.95	
TOTALS	30.80	28.49	28.80	34.20	29.25	30.36	38.51	27.81	27.14	29.22	

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✓344

Prof Monkey
Says these Rodolfs
and gorges were on the west
of the Loch Rieper cottages.
J.H. Lindholm 11/12/75
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 - -						1.80	2.20	4.15	4.45	.35	
TOTALS -						26.78	18.70	26.35	38.40	25.96	

400 STN. 561534
NUMBER

ALT: 470 ft = 143 metres. Date of review: 24/7/78

561534

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E-W-42

Moss Lock

Mt. Rockdale - 6m SW of Blackstone Edge

Accadins
to Prof. Mearns
these Rockdale sand
ganges were on the
roofs of the lock
keepers cottages
JMC. 2/12/75
on roof - 20ft?

Y94

510 feet + Sea Level

YEAR - -	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	MEANS.
January - -	2.0	4.0	1.20	.71	4.25	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	1.02	2.40	.91	.91	2.21	.88	2.60	.67	1.655
May - - - -	2.40	.60	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	1.65	3.22	4.75	1.67	4.95	2.98	3.23	3.85	3.343
August - - -	2.40	2.28	4.10	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	20.80	34.20	29.25	30.36	38.57	27.81	27.14	29.22	30.458

o-g Man Mem 7-22

MET. O.S. RAINMASTER
RETROSPECTIVE SITE REVIEW

HYD. STN.
NUMBER 561534

NGR: SD(74) 214127

ALT: 270 ft = 143 metres. Date of review: 24/7/1978

561534

Mops Lock
Comt. Gauge

Cox 470

Gauge on roof 720 ft + 500 ft 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			

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In '44 M. of 16 yrs is given as 29.10, M. 1825-40
 Mean Men 7.23 & 50 = 29.07 therefore probably 41-5 were inaccessible
 4 - 7-43

METEOROLOGICAL
RETROSPECTIVE AND REVIEW

561534

NO. 50(34) 914127

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

Mops Lock n^r Moxdale

Ex 144

"Lock Gauge" 5 mi 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	} ground			
April - - -					1.0		3.8				
May - - - -					.2		1.1	3.5			
June - - - -					1.9		3.0	3.1			
July - - - -					4.2		3.0	1.6			
August - - -					3.8		3.8	2.0			
September -					3.3		1.4	4.5			
October - -					2.4		4.2	4.3			
November -					2.7		2.1	3.8			
December -					.60		1.70	5.20			
TOTALS -					30.30		31.70	0			

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C C

Mar Mem 7.44