

British Assoc.

# RAINFALL AT White Rose Reservoir, Summit of Blackstone Edge

From Memoirs of the Literary Philosophical Society of Manchester

Authority, Observer Thomas Flannigan, Esq Vol VI, 2<sup>nd</sup> Series, p. 581

Rain Gage { By .....  
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.....	33	72	77	53	8.25	2.78	8.25	4.05	.40	2.07	
February.....	2.15	1.46	56	4.07	6.05	4.50	2.06	4.50	.20	3.00	
March.....	77	3.98	2.50	1.38	4.20	3.72	4.50	44	2.25	4.50	
April.....	2.99	2.33	2.70	3.59	.97	1.54	2.15	.43	1.90	1.25	
May.....	3.30	.52	1.82	1.12	.80	2.80	.25	1.05	2.80	-	
June.....	4.89	1.90	4.40	4.21	3.30	1.65	4.40	2.83	3.80	2.72	
July.....	2.85	3.72	1.57	2.60	6.05	1.40	6.75	2.75	3.80	4.00	
August.....	2.39	2.95	4.60	3.94	2.70	1.90	2.25	1.52	6.40	3.28	
September.....	6.56	4.65	53	2.64	2.39	5.90	2.90	4.03	1.30	5.02	
October.....	1.31	4.30	3.63	3.90	1.50	5.45	3.70	6.07	4.65	2.40	
November.....	4.34	5.96	4.03	6.72	2.58	4.08	6.14	4.90	3.00	4.00	
December.....	1.70	4.00	4.52	2.67	1.15	7.08	2.90	5.00	2.05	2.95	
TOTALS ....	33.58	37.15	31.63	47.34	39.94	36.48	41.25	38.17	32.53	35.79	

MEAN  
RETROD.

561308

NGR: SD(34) 972164

ALT: 1500 ft = 457 metres. Date of record 20-7-78

Wren Lane, Moseley,  
Birmingham, *Summit of Blackheath Edge*

RAINFALL AT *Wrens Lane, Moseley, Birmingham, Summit of Blackheath Edge*  
*From Memoirs of the Literary & Philosophical Society of Manchester*  
*Authority Observer Thomas Fleming Esq* Vol VI. 2nd Series, p. 581

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

YEAR.....	1840	MEANS
January.....	8.40	
February.....	2.60	
March.....	.20	
April.....	.15	
May .....	3.40	
June .....	2.40	
July .....	4.70	
August .....	4.60	
September.....	5.00	
October .....	2.08	
November.....	5.02	
December.....	.35	
TOTALS ....	56.90	

MEAS  
RETRO

561308

NGR: SD (34) 972164

ELEV 1500 ft = 457 metres. Date of review 20-7-78.

White Holme, Blackstone Edge Reservoir  
Prochdale Canal Co. gauge.

1500 f + S.L.

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -											2.90
February - -											3.50
March - - -											3.20
April - - -											3.20
May - - - -											3.50
June - - - -											.25
July - - - -											2.22
August - - -											1.50
September -											2.00
October - -											1.25
November -											3.00
December -											2.10
TOTALS -											28.62

9 Branch Mem: 7-14

METRIC RADIOMETER  
RETROGRADE 1978

561308

NGR: SD(34) 972164

Alt. 1500 ft = 457 metres. Date of record 20-7-78

White Holme, Blackstone Edge Reservoir  
Rockdale Canal Co<sup>st</sup>. Gauge, at the reservoir

See note  
on Morlock  
JUL 1/12/75

+ S level 1500 ft

YEAR - -	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January - -	1.50	2.05	1.12	—	1.47	1.40	.65	1.92	2.70	.00	
February - -	.75	.30	4.00		82	1.20	2.93	1.62	1.33	1.34	
March - - -	2.50	2.48	2.80		2.25	55	.40	3.40	1.42	.13	
April - - -	1.00	2.26	4.45		2.75	1.69	.85	.67	3.93	2.86	
May - - - -	2.90	1.56	1.40		1.25	4.45	.70	1.50	.60	.55	
June - - - -	2.00	.70	1.03		3.09	2.77	.40	1.93	2.18	2.41	
July - - - -	1.20	.90	7.94		.95	.61	2.25	1.80	0.01	2.75	
August - - -	5.62	3.00	2.70		2.48	4.69	2.15	2.59	4.69	8.10	
September - -	1.50	4.50	2.00		4.50	2.60	3.04	2.28	2.35	3.91	
October - -	2.95	5.00	2.20		6.27	3.05	3.12	4.94	2.25	2.39	
November - -	1.39	4.10	2.10		5.53	5.48	1.20	2.80	4.84	2.40	
December - -	4.60	6.00	2.00		6.83	2.43	2.00	5.48	4.97	.53	
TOTALS -	27.91	32.85	33.74	35.68	38.19	30.92	19.69	30.93	39.27	27.42	31.660

8-9 March Mean 7-14

MET.O.B. RAINMASTER  
RETROSPECTIVE SITE REVIEW

561308

NOR: SD(34) 972 164

ALT: 1500 ft = 457 metres. Date of review: 20-7-78

White Holme Reservoir 8-W-49  
 Summit of Blackstone Edge  
 see Mon. Log  
 HPC 2/175 184

on roof = roft?

1500 ft

YEAR - -	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	MEANS.
January - -	.33	.72	.77	.53	.25	2.76	3.25	4.05	.40	2.07	2.313
February - -	2.15	1.46	.54	4.07	6.05	4.50	2.06	4.50	.20	3.00	2.855
March - - -	77	3.98	2.50	1.38	4.20	3.72	4.50	.44	2.25	4.50	2.824
April - - -	2.99	2.33	2.70	3.59	.97	1.54	2.15	.43	1.90	1.25	1.985
May - - - -	3.30	.52	1.82	1.12	.80	2.80	25	1.05	2.80	0.0	1.446
June - - - -	4.89	1.90	4.40	4.21	3.30	1.65	4.40	2.83	3.00	2.72	3.410
July - - - -	2.85	3.72	1.57	2.60	6.05	1.40	6.75	2.75	3.00	4.00	3.549
August - - -	2.39	2.95	4.60	3.94	2.70	1.60	2.25	1.52	6.40	3.28	3.163
September - -	6.56	4.65	.53	2.64	2.39	5.90	2.90	4.03	1.30	5.02	3.572
October - -	1.31	4.36	3.63	3.90	1.50	5.45	3.70	6.07	4.65	2.40	3.697
November - -	4.34	5.96	4.03	6.72	2.58	4.08	6.14	4.90	3.00	4.60	4.635
December - -	1.70	4.60	4.52	12.67	1.15	1.08	2.90	5.60	2.05	2.95	3.922
TOTALS -	33.58	37.15	31.63	47.37	39.94	36.48	41.25	38.17	32.53	35.79	37.391

400 C C C C C 36.43 400 C C

O-9 Man Mem 7-24

White Holme  
Gauge

E-20-116

Gauge ~~feet~~ on roof? soft + ground; 1200 ft + sea level

YEAR - -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -	6.40					2.05	5.00	1.9			
February - -	2.60					.90	1.80	2.9			
March - - -	.20					2.09	2.70	1.4			
April - - -	.15					2.30	4.10	2.4			
May - - - -	3.40					1.90	1.00	3.6			
June - - - -	2.40					3.80	2.60	2.6			
July - - - -	4.70					3.80	3.20	.55			
August - - -	4.60					5.00	5.50	1.70			
September - -	5.00					3.60	1.00	3.6			
October - -	2.08					4.36	5.20	4.5			
November - -	5.02					2.90	3.70	4.3			
December - -	.35					7.15	1.20	6.3			
TOTALS - -	36.90					22.64	39.85	37.14	35.75		

0 - Mean Mem 7-25-851  
4 " " 7-44

On summit of Blackstone Edge

In '44 M. of 21 years is given at 34.27; M. 1820-40 = 34.64; therefore  
41-5 were probably inaccessible

40

White Holme Reservoir  
Soil gauge

Ex 150

Gauge float B.A.I 1 ft + ground + S level 1200 ft

YEAR - -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -					1.0	3.8	5.7	3.2			
February - -					2.1	1.2	2.0	3.8			
March - - -					0.2	5.0	4.0	2.3			
April - - -					1.7	3.0	5.4	3.8			
May - - -					0.0	3.8	1.9	3.4			
June - - -					2.2	5.0	3.1	2.5			
July - - -					4.2	4.3	4.1	1.1			
August - -					5.2	8.3	3.4	2.3			
September -					5.0	4.7	2.6	4.4			
October - -					3.0	8.9	5.7	5.5			
November -						4.3	4.3	4.5			
December -							2.00	11.00			
TOTALS -					X		43.20	47.80			

Estimated = 35.1

Mean Mean 7-43 by gauge float to water level, the gauge  
is now probably wrong