

RAINFALL at Mandale, Low RaiseCounty of WestmorelandObserver L. Holme LewisRiver Basin Eden - 1Manchester Corporation W.W.

Rain Gauge, by \_\_\_\_\_

Diameter ...								5			
Height .....								1			
Altitude ...								2465			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.
January ...								9.80	25.80	2.80	13.65
February ...								7.20	10.43	2.35	8.9
March .....								5.70	11.03	1.40	4.20
April .....								4.56	3.00	2.21	4.14
May .....								4.50	1.67	7.32	2.70
June .....								7.60	13.76	3.53	4.08
July .....								8.15	7.65	12.50	5.21
August .....								10.70	14.00	10.90	13.20
September...								11.00	7.70	5.90	6.71
October .....								15.15	24.60	12.40	17.52
November...								12.09	18.70	17.80	9.80
December...								2.25	6.65	14.30	9.63
TOTALS...								101.70	142.09	93.41	91.72

*Rejected from Survey: 7" too low*Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

No. of Map \_\_\_\_\_

Reference No. \_\_\_\_\_

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge

RAINFALL at Mardale (Low Raise)County of Westmorland,Observer Manchester Corp'n. W.W.,River Basin Eden - 1.

Type of Gauge.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

660604/26

Diameter	5.										
Height	1.0.										
Altitude	2465.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	6.90	15.75	13.55	15.43	4.30	13.25	13.77	12.40	12.90	2.38	
February	6.40	.78	7.75	.59	12.78	5.04	14.60	4.65	10.15	2.45	
March	1.55	6.12	5.82	6.81	2.63	6.25	4.00	7.65	5.63	9.28	
April	3.66	9.47	3.72	7.46	6.21	2.89	7.54	.60	4.58	2.65	
May	6.65	5.55	3.98	8.25	.65	2.23	3.13	6.10	1.34	2.55	
June	10.45	5.70	2.97	4.24	8.65	5.90	2.77	9.75	4.30	1.33	
July	7.32	9.80	7.26	2.96	3.86	8.95	4.50	13.20	10.55	8.94	
August	7.27	2.85	6.25	9.57	3.60	3.80	3.80	4.12	3.89	2.51	
September	5.20	9.60	3.54	13.85	13.70	10.57	8.30	6.20	3.40	7.52	
October	7.65	20.00	8.40	18.00	16.45	6.56	3.90	21.18	5.50	12.78	
November	21.30	6.17	4.90	2.39	9.55	8.25	1.30	12.10	10.40	9.50	
December	9.90	14.30	.67	17.79	5.40	18.50	4.05	7.22	3.54	7.50	
TOTALS	94.25	105.49	68.81	107.34	87.78	92.19	71.66	105.07	79.18	69.39	

Gauge well set up in January 1930. Enc 89A.

Printed in 3h. with footnote "Gauge well round gauge"

Mr Cornish has suggested an average of 9.14 in for this station but this value is considered too low for inclusion in British Rainfall.

Record prior to 1932 rejected as too small.

Position of Station on reduced Ordnance Survey Map, } No. of Map..... Reference No.....  
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge

Station No. T.F. M. 3670RAINFALL at S Mandale (Low Raice)

41

County of WestmorlandObserver Manchester Corp. W.D.River Basin Eden - 1

Type of Gauge.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average..... Ref.....

File No. 6.606.001/26 196738/32

Diameter	5'				601	373					
Height	1'0"					1					
Altitude	2465					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.63	11.00	17.48	16.77	8.00	15.73	13.45	5.31	(4.50)	8.93	
February	7.38	3.37	8.68	2.95	9.50	(6.80)	(2.50)	3.62	(9.00)	13.55	
March	3.57	9.57	4.10	1.19	8.12	(6.50)	(9.50)	7.83	(2.50)	(6.83)	
April	3.05	7.14	7.72	5.45	4.43	(2.50)	12.26	4.38	(6.00)	(4.84)	
May	5.05	9.35	(8.45)	3.80	7.15	1.75	(4.70)	8.85	4.46	(3.29)	
June	2.9	1.33	8.76	8.40	5.60	5.92	4.51	5.74	1.69	4.28	
July	2.65	5.73	(5.05)	5.50	5.50	4.51	(5.30)	3.65	4.30	8.45	
August	12.52	10.60	13.62	3.78	2.86	6.06	(.20)	10.05	4.96	16.33	
September	2.06	11.93	10.30	8.32	8.64	17.05	(7.00)		2.28	(21.10)	
October	9.80	9.80	15.62	8.24	12.10	.93	(1.87)		19.36	(10.22)	
November	7.25	2.50	5.49	20.32	.59	9.90	10.30		16.58	7.53	
December	5.08	13.08	6.30	7.05	7.10	7.46	2.27		16.50	(4.00)	
TOTALS	61.33	95.20	111.57	91.77	79.59	(84.31)	(73.86)	np	(42.13)	(109.32)	
						m.p.	n.p.	mc	N.P.	np	
						34004	32744		74004	16154	

S Tuff wall round gauge.

1943 May part set duly amended. Also accepts. Gauge moved short distance 12/43 less likelihood of interference

1946 m.p. low. Feb-April part set bl.

1947 Jan. part set m.p. Feb. 6 March set m.p. May 6 July - October adjusted. N.P. low.

Tuff wall breached. Repaired 4/48.

1950 m.p. Apr. May part set. Dec part set. Sept - Oct approximated. np too much est.

02404

Position of Station on reduced Ordnance Survey Map,  
1 mile to 1 inch Series

No. of Map.....

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge

BRITISH RAINFALL ORGANIZATION



RAINFALL at 8 Mardale (Low Raise)Station No. 3670 11-39

51

County of WestmorlandObserver Manchester Corp. W.W.River Basin Eden-1Type of Gauge Bradford (on inspection)Annual Average 101.7 in. based on 4 years obs. un-weighted. Period of average 1881-1915 Ref. P.S. 633" " 111.73 " " 6 " " 1952-57File No. 121.725/127  
1220134/130

Diameter ...	5'				601	273					
Height ...	1' 0"					1					
Altitude ...	2465'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	(8.50)	(8.00)	4.90	(8.70)	10.20	6.20	20.75	13.04	8.90	15.73	
February ...	(9.80)	2.96	3.24	(7.90)	3.30	1.20	10.97	11.90	4.12	16.03	
March ...	(6.00)	6.50	1.80	7.90	3.44	4.00	10.83	2.65	9.49	2.95	
April ...	(7.50)	7.75	6.00	1.50	3.60	2.30	2.35	3.96	10.03	11.42	
May ...	2.77	5.25	5.30	7.00	10.20	5.90	5.65	9.94	2.38	4.03	
June ...	3.98	6.54	6.45	11.20	6.60	6.20	2.65	7.46	6.56	6.41	
July ...	5.10	4.95	14.40	7.54	3.90	8.80	5.85	7.28	9.46	9.41	
August ...	9.00	11.80	9.55	11.26	4.10	12.20	(10.93)	8.45	1.79	5.75	
September ...	(14.00)	10.50	14.05	22.90	6.20	9.30	11.96	11.93	1.70	6.02	
October ...	(1.60)	13.50	6.60	26.60	7.90	10.65	12.16	11.42	11.15	7.92	
November ...	(20.00)	5.60	17.10	21.00	6.50	3.90	5.16	1.87	15.60	19.93	
December ...	(18.00)	6.78	7.60	9.50	16.50	17.00	11.91	10.12	24.34	14.42	
TOTALS ...	106.25 NP	90.12 M	96.99 M	143.00 H	82.44 H	87.65 H	111.17 M	100.02 M	105.52 M	120.02 M	

1951 NP too much estimation.

00204

1954 Jan-Mar app

1955 Feb. part est. show 110.25

March part est. show 110.25

Imprecise July 1956 M. Decks. Gauge sound. Site o/c w. slight.

74174 40004

8 Turf wall.

Position of Station on Ordnance One-Inch map :

No. of Map... 8.3 .....National Grid Reference 35/654137

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C 1927	✓	✓ np 46-50	