

## RAINFALL at Bolton W.W., Top-o'-th'-Brow.

County of S. Lancashire Observer J. H. Surtees, Esq. & C.  
 River Basin Mersey - Lowell S. J. P. Ainsworth Esq., C.E.

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

Diameter ...	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN.
Height .....							5				
Altitude ...							10				
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...							7.18	6.67	15.55	2.90	7.76
February ...							6.07	2.86	6.61	1.73	.52
March .....							3.17	7.37	4.26	2.36	3.31
April.....							2.35	5.07	1.62	1.64	2.79
May .....							4.52	2.09	1.30	4.18	3.98
June .....							3.72	6.56	8.31	2.49	2.96
July .....							3.80	5.41	3.41	4.66	7.40
August .....							5.96	8.75	9.13	4.32	9.86
September...							5.66	8.19	1.40	3.06	4.53
October.....							4.95	6.13	7.78	10.28	9.03
November...							9.32	6.85	9.68	11.76	9.81
December...							3.05	1.52	4.54	10.44	5.98
TOTALS...	63.18	51.96	59.76	76.51	65.87	57.29	50.75	67.47	43.59	62.82	67.93

IX/28 Inspected by Mr Colles. see green file  
 1920/25 copies from f 741918/27

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1926	53° 39'	2° 26'						

## RAINFALL at Bolton W.W. (Top of Hill Brow).

County of South Lancashire

Observer Bolton Corp. W.W.

River Basin Mersey - Irwell - 3.

Type of Gauge Standard

Annual Average. ~~5.65~~ in. based on ~~13~~ years obs. un-weighted. Period of average 1881-1915 Ref. 1.W.3  
(1939) 56.5 13 741918/27.

Diameter	5.									
Height	1.0.									
Altitude	935.									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
January	8.40	7.16	3.85	5.21	3.82	5.58	4.90	7.20	0.02	(4.00)
February	7.15	13	4.87	.61	8.92	3.20	6.90	2.81	6.68	(3.60)
March	6.68	4.52	3.65	3.89	2.27	4.40	2.08	2.65	3.19	3.96
April	4.42	5.35	2.88	3.23	4.72	1.26	5.61	1.18	3.63	3.73
May	3.35	5.74	2.62	5.90	1.38	1.16	2.40	5.25	1.90	.87
June	6.58	1.24	3.62	3.41	5.11	8.66	2.71	6.46	4.91	1.33
July	6.55	5.04	4.22	3.01	2.61	(2.454)	3.23	6.65	10.04	7.09
August	6.78	1.87	3.70	6.32	2.53	3.79	3.44	4.22	3.18	3.75
September	5.80	8.90	1.14	5.86	10.55	6.08	2.45	3.62	1.56	6.88
October	3.72	11.08	6.12	8.39	13.30	7.39	2.76	14.48	2.29	6.25
November	10.98	5.11	2.83	3.04	6.44	8.45	2.02	8.45	4.64	10.35
December	3.62	3.38	.84	8.94	5.09	7.08	5.21	6.84	4.01	7.92
TOTALS	67.53	59.62	40.34	56.81	66.74	58.59	43.71	69.71	57.05	(59.73)
										579.83

1936. May, more reliable.

1940 Jan. estd } Feb. estd } by Observer.

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	Parish Church.	Distance from gauge
			Entwistle	1/4m	E.N.E.	Tulton	1/3m

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. T.F. 2879

## RAINFALL at Bolton W.W. (Top o' th' Brae)

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County of Lancashire Observer Bolton Lanesdown W.W.

River Basin Mersey - Irwell - 3

Type of Gauge Standard

Annual Average 56.5 in. based on 13 years obs. unweighted. Period of average 1881-1915 Ref. I.W.S.

File No. 74191/7

Diameter	5"		562	085							
Height	10"				1						
Altitude	935'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means T.A. 26
January	1.96	6.80	7.08	7.85	5.14	6.57	4.31	13.07	4.40	5.28	62.26
February	6.63	3.21	4.05	2.70	7.26	8.28	1.50	4.11	4.03	6.09	47.86
March	4.26	4.50	1.82	1.12	2.28	1.29	7.85	2.73	2.80	3.56	32.20
April	2.16	2.64	3.70	3.68	3.10	1.60	4.76	2.77	5.34	4.49	34.24
May	3.86	4.63	4.04	5.02	4.82	1.81	3.28	3.44	4.15	2.60	36.83
June	.66	.84	5.80	4.85	6.95	(4.31)	3.62	7.88	1.27	3.42	39.60
July	2.55	8.08	4.14	5.07	4.20	(4.45)	4.20	3.24	2.59	6.12	44.64
August	9.14	7.12	8.89	4.19	3.18	9.60	.36	6.40	3.52	8.41	60.81
September	1.94	4.72	5.38	7.81	4.47	9.48	4.79	4.39	2.91	11.77	57.69
October	6.45	10.91	4.69	7.10	7.91	1.81	1.39	4.45	5.59	4.48	54.78
November	4.02	1.85	6.01	9.52	1.40	10.48	7.78	3.12	8.25	8.79	60.92
December	4.08	7.48	3.95	6.10	4.60	5.62	5.19	5.82	8.96	3.85	55.65
TOTALS	47.55	62.84	59.55	65.01	54.51	65.30	49.03	60.42	54.41	68.86	587.48

1946 June &amp; July postponed.

Dec. 1947. Engineer states station contains pernicious bacteria.

D 404

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	Parish Church.	Distance from gauge
1941			Embleton	1/4 m.	E.N.E.	Burton	1 1/4 m. E.S.E.

BRITISH RAINFALL ORGANIZATION

Station No. 2879 Tr. 36

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## RAINFALL at Bolton W.W. (Top o' M'Brown)

County of Lancashire

Observer Bolton Corporation Weatherbureau

River Basin Mersey - Irwell - 3

Type of Gauge Standard

Annual Average 56.5 in. based on 13 years obs. up-weighted. Period of average 1881-1915 Ref. I.W.S.  
 " 60.07 " " 36 " (within 1920-57) " 1916-50 File No. 74918725

Diameter ...	5"		562	085							
Height ...	1' 0"				1						
Altitude ...	935'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Tentative
January	6.14	4.74	2.83	6.40	3.34	6.76	4.91	5.52	3.75	7.56	51.95
February	3.93	2.30	1.77	4.33	2.85	1.27	4.13	10.00	1.11	4.35	36.04
March	5.90	3.26	3.28	3.62	2.44	2.20	5.30	2.81	2.75	1.59	33.15
April	3.29	4.71	4.17	1.29	4.36	3.13	1.07	2.21	4.02	3.75	32.00
May	2.36	3.11	3.32	3.52	5.72	2.27	2.88	5.81	2.19	2.78	33.96
June	1.70	5.13	3.16	4.68	4.50	3.48	2.87	3.09	3.25	1.77	35.63
July	4.79	3.53	7.60	9.98	1.48	8.10	9.15	4.87	6.11	11.68	67.29
August	6.16	6.92	6.06	7.83	1.94	14.10	8.85	5.65	.59	7.37	65.47
September	4.78	6.26	6.43	7.44	5.92	4.78	10.90	5.76	.58	4.04	56.89
October	1.03	6.34	2.53	10.94	3.61	3.76	9.00	6.11	6.77	5.32	55.41
November	10.63	3.70	7.77	9.66	3.28	2.49	2.55	2.53	6.35	9.57	58.53
December	13.10	5.89	2.65	9.69	7.77	5.58	7.28	5.26	11.70	7.00	75.92
TOTALS ...	63.81	55.89	51.57	79.38	47.21	57.92	68.89	61.62	49.17	66.78	602.24
M	M	M	M	M	M	M	M	M	M	M	

Feb 1958 G. sound.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference SD(24) 70970

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1951			Entwistle	1 1/4 m. E.N.E.	Linton	1 1/4 m. E.S.E.

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
			C19.20 A20-25	✓ —	✓ —	