

RAINFALL at Bolton W.W. Eagleby ho.4

County of Lancashire

Observer. Bolton W.W. by J.H. Swales Esq.

River Basin Boundary. Ousewell S.

J.Rainworth Esq. C.E. (1920) 66.

Rain Gauge, by.....

Diameter											5"
Height											1' 0"
Altitude											546'
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January											286 710
February											174 55
March											213 385
April											165 285
May											3614 313
June											2044 248
July											420 624
August											411 840
September											283 422
October											920 856
November											1059 862
December											925 640
TOTALS											5732 6090

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

RAINFALL at Bolton W.W. (Fagley) No. 4.

County of South Lancashire

Observer Bolton Corp. W.W.

River Basin Mersey-Tweddle-3

Type of Gauge Inowdrum.

Annual Average 52.3 in. based on 3 years obs. unweighted. Period of average 1881-1915 Ref. 5
74198/27.

Diameter	5.											
Height	1.0											
Altitude	546											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Menses Totales	
January	9.20	6.46	3.60	4.80	3.19	6.00	4.49	7.10	6.84	(3.65)	55.33	
February	7.12	1.19	5.00	.60	7.96	3.39	8.65	2.67	6.39	3.59	45.56	
March	7.5	4.20	3.76	3.70	1.96	4.00	2.40	2.43	2.96	3.71	29.93	
April	4.75	4.48	2.20	3.73	4.54	1.35	4.52	.67	3.52	4.35	34.11	
May	3.01	5.62	2.50	5.25	1.72	1.03	2.50	5.11	1.79	1.16	29.69	
June	7.10	1.11	3.02	3.00	5.17	4.56	2.37	6.04	4.32	1.25	37.94	
July	5.80	4.73	3.86	3.24	2.90	6.44	2.57	6.45	9.62	4.20	49.81	
August	6.75	1.75	3.69	6.48	2.77	4.20	3.15	4.81	2.52	(3.25)	39.87	
September	4.80	8.50	1.15	4.95	9.22	5.59	2.35	3.24	1.55	6.02	47.37	
October	3.62	9.75	5.75	8.60	11.65	6.42	2.65	13.02	2.69	5.27	69.32	
November	10.45	4.88	3.01	2.98	6.15	8.83	2.22	7.30	9.05	9.26	64.16	
December	3.28	2.87	8.81	8.21	5.04	6.35	3.60	6.64	4.46	7.95	49.21	
TOTALS	66.53	54.54	38.35	56.54	62.27	58.16	41.47	65.48	55.74	(53.72)	551.80	

1940 Jan. total } Aug. total } 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		Parish Church.	Distance from gauge	
				E	N		E	N
			Bolton & Edgworth	1 $\frac{7}{8}$ m	E'N.	Walmsley Belmont	3/4 m	S.E. 2 m W.N.W.

Station No. F.F. 2842

RAINFALL at Bolton w.w. (Eagley) N° 4

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County of Lancashire Observer Bolton Corp. W.W.

River Basin Mersey Incl. - 3

Type of Gauge Snowdon

Annual Average 5.23 in. based on 3 years obs. unweighted. Period of average 1881-1915 Ref. S.

File No. 741918/27

Diameter	5"		562	302							
Height	1' 0"				1						
Altitude	546'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.14	7.01	7.26	7.41	5.36	6.66	4.90	12.15	4.30	4.97	62.16
February	7.03	2.86	4.25	3.00	7.11	8.70	1.19	3.67	3.66	6.57	48.01
March	4.25	4.60	1.65	1.18	2.05	1.25	7.71	2.38	3.16	3.14	31.37
April	2.26	2.68	3.70	3.25	3.17	1.50	4.64	2.95	4.84	4.88	33.87
May	3.73	4.51	3.79	4.42	4.75	1.61	3.16	2.22	4.42	2.23	34.84
June	.69	.82	5.35	4.31	6.12	4.91	3.22	8.18	1.28	2.97	37.85
July	2.50	7.56	3.85	4.61	3.72	4.70	4.01	3.54	2.76	5.26	42.51
August	8.36	7.05	9.70	4.03	3.90	8.79	2.26	6.05	3.36	8.14	59.64
September	1.45	4.00	5.53	7.66	4.18	9.46	4.30	4.08	2.87	10.38	53.91
October	5.98	10.13	4.66	7.21	7.55	1.56	1.12	4.57	5.28	4.09	52.21
November	3.69	1.70	5.70	2.13	.95	9.31	6.89	3.07	7.11	8.11	55.66
December	3.48	6.26	3.70	5.76	4.41	5.36	5.09	5.29	8.64	4.81	53.10
TOTALS	45.86	59.24	59.14	61.97	53.27	63.81	46.49	58.15	51.78	65.55	565.16

December 1941. Engineer static gauge round.

December 1941

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.
1941			Bolton & Bagworks	2 m.	E.N.E	Bolton	2 m.	W.N.W.

Station No. 2872

2872

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RAINFALL at Bolton ~~St. Helens~~ (Eagley) No. 4

County of Lancashire

Observer Bolton Corporation Waterworks

River Basin Mersey - Swell - 3

Type of Gauge ~~W.H.~~ Bradford

Annual Average 52.3 in. based on 3 years obs. un-weighted. Period of average 1881-1915 Ref. S
 " 59.04 " " 5 " " 1954-58. " " " 1916-50 File No. 741918/29

Diameter ...	5"			562	302						
Height ...	1' 0"		1' 0"	4' 6"		1					
Altitude ...	546'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January	6.25	5.74	2.86	5.80	3.60	7.41	4.10	5.09	3.70	8.28	52.83
February	3.93	2.34	1.98	4.37	3.17	1.38	3.78	9.68	1.00	(4.20)	35.83
March	5.87	3.17	3.16	3.76	2.31	2.23	4.47	2.80	2.40	1.71	31.88
April	2.91	4.47	3.96	1.20	3.99	3.68	.99	2.13	4.27	3.42	31.02
May	2.72	3.04	3.01	3.16	5.42	2.36	2.60	5.68	1.55	2.98	32.52
June	1.53	5.28	3.09	5.09	4.11	3.36	3.07	4.93	3.04	1.65	35.15
July	3.60	3.62	7.14	10.31	1.40	8.03	8.66	4.79	6.07	10.56	64.18
August	5.72	6.14	6.40	7.93	1.87	15.33	8.65	6.22	.58	6.46	65.30
September	3.86	5.94	5.86	6.68	5.81	4.78	10.56	5.52	.45	4.19	53.65
October	1.09	6.04	2.42	10.62	3.45	4.35	8.79	5.91	6.26	5.85	54.78
November	9.79	3.82	6.63	8.78	3.05	2.25	2.76	2.60	6.16	9.44	55.28
December	11.68	6.03	2.63	9.55	7.28	5.63	6.76	5.40	10.25	6.77	71.98
TOTALS	5895	5563	49.14	77.25	45.46	60.79	65.19	60.75	45.73	65.51	584.40
	NP.	M	M	M.	M.	M	M	M	M	M	

Dec. 1951. Slight leak discovered. Repaired immediately

1951 up to now

Since 1951 new gauge on 20-Aug-1. P.M.
 Ins. 7.10.53. Rainy & not true. Site in very wet bog. G. stands in small hummock
 of grass. Rest of enclosure under water. New site selected on east-
 side of stream.

Rain of gauge dried up 29/10/53.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SD 703148

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Bolton & Edgworth	2 m. E.N.E.	Bolton	2 m. W.N.W.

Summary of Earlier Records from 10-year Sheets :

Record D. or d		1910-19	1920-30	1931-40	1941-50	1951-60
			C 1929	✓	✓	—