

RAINFALL AT Bolton-Belmont-Slater Lane

Lat.

Long.

County of 5 Lancashire

Rain Gauge, by

Observer R. H. Windlebury Cl.Inwell 3

Diameter ..						5					
Height ..						1 0					
Altitude ..						981					
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..						3.05	7.96	2.54	4.79		
February ..						4.19	4.35	2.51	5.83		
March ..						4.67	4.54	4.72	3.94		
April ..						4.80	3.01	3.16	3.19		
May ..						1.26	4.82	5.25	3.57		
June ..						2.73	2.72	10.72	2.66		
July ..						3.63	2.89	4.16	7.31		
August ..						6.10	5.57	7.27	6.07		
September ..						4.24	2.71	1.41	5.71		
October ..						6.41	8.95	4.32	2.48		
November ..						6.90	5.57	4.53	4.92		
December ..						1.46	5.87	5.37	3.79		
TOTALS ..						48.42	49.44	58.96	55.96	53.26	

in Bottom Water

+ Inspected

RAINFALL at Belmont, Slater Lane.

County of Lancashire Observer J. T. Swales Esq., C.E.

River Basin Mersey - Dwell - 3. W.W. of Bolton

Bradford Rain Gauge, by Horace Wilson J. P. Ainsworth Esq., C.E.
M.

Diameter ...											5		
Height	1.0												
Altitude ...	985												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930.	MEAN.	
January ...	4.33	6.29	4.00	3.72	5.92	5.79	12.41	2.30			7.13		
February ...	6.15	7.46	1.01	8.35	5.90	2.50	5.88	1.42			5.6		
March	3.30	2.30	2.14	2.99	2.83	6.55	3.66	2.10			3.40		
April	3.32	4.35	2.29	3.20	2.18	4.55	1.62	1.48			2.97		
May	2.46	4.06	6.92	5.81	4.02	1.85	1.48	3.55			2.52		
June	4.77	2.17	3.99	3.33	3.38	5.83	4.78	2.74			3.65		
July	6.28	6.39	6.19	3.48	5.22	5.11	3.63	4.89			8.32		
August	6.00	7.07	9.78	4.87	4.95	7.64	9.29	6.93			10.27		
September...	6.24	5.88	5.62	6.20	5.63	8.68	1.78	2.86			4.50		
October.....	9.8	7.54	6.03	7.13	4.41	5.27	6.88	9.31			7.91		
November...	4.78	7.00	5.54	4.60	8.24	6.20	8.13	9.33			7.91		
December...	5.85	6.47	6.66	3.04	2.91	1.60	3.96	8.40			5.73.		
TOTALS...	55.21	49.38	54.46	66.97	58.67	54.02	55.59	61.57	66.80	55.61	64.87	M	

12/28. Inspected by Mr. Colens see green file

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

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1922	53° 40' 22° 30' 41'	Springvale	2 1/4 mi. ENE	St. Peter Belmont	2 1/4 mi. S.S.E.		

RAINFALL at Bolton W.W. (Slater Lane).

County of South Lancashire.

Observer Bolton Corp. W.W.

River Basin Mersey Tr. well - 3.

Type of Gauge Snowdon.

Annual Average 51.8 in. based on 12 years obs. un-weighted. Period of average 1881 - 1915 Ref. P. 3 sec. 74198/27.

Diameter	5.										
Height	1.0.										
Altitude	980.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Total
January	7.88	6.10	3.40	4.03	3.47	2.61	4.16	5.76	6.53	(3.70)	49.64
February	5.74	2.20	4.41	4.6	5.59	2.95	6.06	2.03	5.57	(3.60)	37.21
March	9.1	3.97	3.65	2.92	1.74	3.24	2.47	2.36	2.53	3.76	27.55
April	4.20	4.21	2.10	3.11	4.15	1.38	4.93	1.78	3.35	3.63	31.89
May	2.53	5.20	2.69	3.94	1.76	1.65	2.60	5.64	1.90	.97	28.88
June	7.62	1.15	3.08	2.56	3.60	5.03	2.49	6.00	4.41	1.29	37.22
July	5.56	5.80	3.67	2.61	2.50	6.43	2.94	6.65	8.58	6.97	51.61
August	6.27	1.89	3.95	6.99	2.24	3.45	3.23	3.66	3.21	4.15	39.03
September	5.14	7.76	1.16	4.16	8.19	5.57	2.40	3.79	2.07	6.27	46.51
October	3.70	9.55	5.27	7.28	10.81	6.57	2.66	10.66	2.95	5.39	64.84
November	9.59	4.06	3.08	2.98	5.61	7.94	2.49	7.62	8.50	8.74	60.61
December	3.52	2.76	1.74	7.10	4.66	6.19	2.41	5.94	3.07	6.94	43.32
TOTALS	62.66	52.60	37.20	48.01	54.31	55.01	39.49	60.88	52.67	(55.40)	518.31
	M	M	M	M.	M.	M.	M	M	M	M	

1940 Jan Feb. etc. 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
1931			Spring Vale	2 $\frac{3}{4}$ m.	ENE	Bellmont	2 $\frac{1}{2}$ m.

Station No. 2888

71=36

51

RAINFALL at Bolton W.W. (Plates Lane)

County of Lancashire

Observer Bolton Lanes 11.44

River Basin Mersey - Swell - 3

Corporation Waterworks

Type of Gauge 4" Bradford

Annual Average 57.8 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. S
 " " 55.95 " 35 " between 1920-57 " " 1916-50 File No. 744918/37

Diameter ...	5"				576	165						
Height ...	1' 0"				11' 0"	12'	1					
Altitude ...	985'						51	X				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January	6.81	6.41	3.13	6.78	3.22	7.34	4.57	5.57	3.55	2.04	54.42	
February	4.37	2.33	1.83	4.67	2.78	1.41	3.80	9.06	1.26	3.67	35.18	
March	5.89	3.02	3.33	3.58	2.56	2.34	5.04	2.13	2.70	1.32	31.91	
April	3.41	4.44	4.09	1.87	4.11	3.45	.89	2.06	3.79	3.53	31.14	
May	2.94	2.99	3.48	3.47	5.27	2.38	2.54	5.02	1.65	2.95	32.69	
June	1.94	6.11	3.34	5.31	4.98	3.41	2.91	5.48	3.32	2.05	38.75	
July	4.89	4.52	6.45	10.46	1.28	7.04	10.23	4.88	7.05	11.02	67.82	
August	5.82	6.31	6.57	8.93	1.83	15.90	9.70	4.52	.62	6.04	66.14	
September	4.03	6.53	6.51	6.66	6.03	5.05	10.95	6.20	.63	4.42	57.01	
October	1.48	6.11	2.94	10.88	3.66	3.72	9.28	5.83	7.03	5.07	56.00	
November	10.47	4.11	8.09	9.09	3.98	2.46	2.46	2.47	6.27	9.82	59.22	
December	12.57	5.71	2.78	8.74	7.33	5.32	6.55	5.27	12.80	6.85	73.92	
TOTALS ...	64.52	58.59	52.54	79.86	47.03	59.82	68.92	58.49	50.67	63.78	604.20	
	M	M	NP	M	M	M	M	M	M	M		

Incl. +10.03. Sharp break in funnel. Reasonable exposure. G to be repaired & re-set at 12".
 Leak in funnel repaired 18 Oct. 1953. Gauge reset.
 Oct 1957. G tested & found G to be sound.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SD 662 192

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1951			Hawthorn Vale	2 1/4 m. E.N.E.	Belmont	2 1/2 m. S.S.E.

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
			C1920 A 20,21	✓ —	✓ —	