

RAINFALL AT *Bolton Belmont Slater Lane*

Lat.

Lon.

County of *S Lancashire*

Rain Gauge, by

Observer *P. H. Lindhurstby C.I.*

Swell 3

Diameter ..						5					
Height						10					
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		

see Bolton Water

+ Inspected

RAINFALL at Belmont, Slater Lane.County of Shropshire Observer J. H. Swales, Esq., C.E.River Basin Mersey - Swell - 3.Rain Gauge, by Howard 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. MEANS.
January ...			4.33	6.29	4.00	3.72	5.92	5.79	12.41	2.30	7.13
February ...			6.15	7.45	1.01	8.35	5.90	2.50	5.88	1.42	.56
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	.33	3.38	5.83	4.48	2.44	3.65
July			6.28	6.39	6.19	3.48	5.22	5.11	3.63	4.69	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.....			98	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	M	M	M	M	M	M	M	M

IX 28. Impeded by Mr. Cohen see green file

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1922	53° 40' 22"	2° 30' 41"	Spingale	2 3/4 mi.	E.N.E.	St. Peter's Belmont	2 7/8 mi.	S.E.

RAINFALL at Bolton W.W. (Slater Lane)

County of South LancashireObserver Bolton Corpn. W.W.River Basin Mersey-Trent-3Type of Gauge SnowdonAnnual Average 51.8 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref 721918/27

Diameter	5.											
Height	1.0.											
Altitude	985.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	1940
January	7.88	6.10	3.40	4.03	3.47	4.61	4.16	5.76	6.53	(3.70)	49.64	
February	5.74	.20	4.41	4.6	5.59	2.95	6.16	2.03	5.57	(3.60)	37.21	
March	.91	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	8.11	4.15	1.38	4.98	.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	2.51	2.50	6.43	2.94	6.65	8.58	6.97	57.61	
August	6.27	1.89	3.95	6.99	2.24	3.45	3.23	3.66	3.21	4.15	37.03	
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	.74	7.10	4.65	6.19	2.41	5.94	3.07	6.94	43.32	
TOTALS	62.66	52.65	37.20	48.04	54.31	55.01	39.49	60.88	52.67	(55.40)	518.31	
	M	M	M	M	M	M	M	M	M	M	M	

1940 Jan + Feb. estd. by Observer.

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
1931			Spring Vale	2 3/4 m.	ENE	Belmont	2 1/2 m.	SSE

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

Station No. T.F. 2888RAINFALL at Bolton W.D. (slater lane)

41

County of South Lancashire Observer Bolton Corporation W.D.River Basin Mersey-TrentType of Gauge SnowdonAnnual Average 51.8 in. based on 12 years obs. unweighted. Period of average 1881-1915 Ref. 5File No. 44018/27

Diameter	5"		576	165							
Height	1'0"			1							
Altitude	985'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals
January	1.69	4.96	6.91	7.87	4.31	5.58	4.53	11.14	4.28	5.44	56.71
February	5.99	2.39	4.07	3.21	6.63	7.78	(1.24)	3.49	3.81	6.49	44.90
March	3.99	3.36	1.57	1.23	2.19	1.12	6.73	2.48	2.11	3.12	29.13
April	2.66	2.61	3.61	2.84	2.79	1.84	4.41	2.91	5.47	4.62	33.76
May	3.38	4.52	3.87	5.47	4.09	1.77	3.48	2.71	4.63	2.63	36.55
June	80	1.13	5.02	4.89	5.91	4.48	3.78	7.44	1.84	3.82	39.11
July	3.12	7.58	4.34	5.43	4.06	5.49	4.53	3.89	3.40	5.78	47.62
August	8.86	7.03	9.27	4.84	3.64	10.19	25	7.03	3.57	9.74	64.42
September	1.93	4.33	6.36	8.82	3.34	9.71	5.48	4.11	3.11	11.11	58.90
October	6.06	11.34	5.17	7.26	7.98	1.98	1.44	4.57	5.76	4.48	55.97
November	3.62	1.68	5.57	8.31	1.04	8.81	7.48	2.97	7.74	8.66	55.89
December	4.45	5.71	3.81	5.68	4.31	5.83	5.17	5.49	8.59	5.17	54.21
TOTALS	46.33	57.84	59.57	65.30	50.29	64.58	48.52	58.17	54.91	71.06	577.17

Dec. 1947. Engine started pump sound.
1947. Feb. part used for snow

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			Spring Vale	2 1/4 m.	E.N.E.	Belmont	2 1/4 m.	S.S.E.

BRITISH RAINFALL ORGANIZATION

Station No. 2288

T: 36

RAINFALL at Bolton W.D. (Glatton Lane)

51

County of Lancashire

Observer

Bolton Lough W.D.

River Basin Hursey - Lwellyn - 3

Capitation Waterworks

Type of Gauge ~~Capitation~~ Bradford

Annual Average 51.8 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. 1.65

" " 55.95 " " 35 " " within 1920-57 " " 1916-50 File No. 744918/37

Diameter ...	5"			576	165							
Height ...	1' 0"		1' 0"		1							
Altitude ...	985'				51	X						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals	
January ...	6.81	6.41	3.13	6.78	3.22	7.34	4.57	5.57	3.55	7.04	54.42	
February ...	4.37	2.33	1.83	4.67	2.78	1.41	3.80	4.06	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	1.37	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 ...	1.84	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	8.83	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	5.21	12.80	6.85	73.92	
TOTALS ...	64.52	58.59	52.54	79.84	47.03	59.82	68.92	58.49	50.67	63.78	604.20	
		M	NP	M	M	M	M	M	M	M		

Ins. 0.10 23. Shift lead in funnel. Reassembled aperture. & to be replaced & reset at 12"
 leak in funnel repaired 5th Oct. 1953. Gauge reset.
 Oct 1957. G. tested & found to be sound.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference

SD 662192

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Spoking Vale	2 1/4 m. E. N. E.	Belmont	2 1/4 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	✓ —	✓ —	