

RAINFALL at Bolton W.W., Booniley Keys.

County of S. Lancashire Observer J. H. Swales, Esq. C.E.
River Basin Mersey - Towell 3. - west of Bolton
Rain Gauge, by J. P. Pinsworth C.E.

Diameter ...						5				
Height						10				
Altitude ...						925				
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
										1930 MEANS.
January ...						5.16	6.10	13.02	2.99	7.78
February ...						5.63	2.68	6.25	1.41	.54
March						2.67	7.22	3.56	2.15	3.91
April						2.28	4.62	1.62	1.70	3.25
May						4.27	2.04	1.48	3.94	2.79
June						3.25	6.21	7.99	2.44	3.90
July						4.84	5.40	3.92	5.65	8.18
August						5.14	7.38	9.43	7.53	10.69
September...						5.97	8.43	1.66	3.06	4.97
October.....						4.13	5.29	6.82	9.66	8.87
November...						8.16	6.14	8.59	9.98	8.25
December...						3.24	1.62	4.17	9.13	5.94
TOTALS...	55.19	67.09	57.81	51.48	54.74	63.13	68.51	59.94	69.02	

IX/28 Inspected by M. Colens. see green file 1922/25 copies from 741916/27

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	55° 39'	2° 30'						

RAINFALL at Bolton W.W., (Bromiley Heys)

County of South Lancashire

Observer Bolton Corp. W.W.

River Basin Mersey, Irwell, 3

Type of Gauge Snowden

Annual Average 51.5 in. based on 4 years obs. un-weighted. Period of average 1881-1915 Ref

721918/27.

Diameter	5.											
Height	1.0											
Altitude	925.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Memo	To 1940
January	9.26	6.45	3.89	4.58	4.85	6.19	4.25	6.52	6.04	(3.80)	55.84	
February	6.30	1.18	4.90	.55	7.67	3.13	6.70	2.27	6.03	(3.65)	41.38	
March	.85	4.16	3.83	3.00	2.00	3.98	2.31	3.06	2.98	3.81	29.98	
April	4.77	4.52	2.53	3.57	4.89	1.28	5.23	1.97	3.72	3.88	35.36	
May	2.70	5.14	2.91	5.03	1.42	1.55	2.59	6.10	1.94	1.98	30.36	
June	7.99	1.14	3.73	2.82	4.44	5.15	2.63	6.11	4.56	1.33	39.90	
July	5.98	6.23	4.23	3.14	2.80	6.85	2.73	6.87	9.29	8.09	56.21	
August	6.50	1.68	4.37	7.29	2.38	3.68	3.36	5.27	3.17	4.52	42.22	
September	5.29	8.28	1.03	4.64	9.46	5.80	2.33	3.69	1.91	6.18	48.61	
October	3.67	10.38	5.71	8.45	11.81	6.53	2.71	11.50	2.45	5.46	69.17	
November	10.14	4.25	3.33	3.09	6.11	8.15	2.33	7.93	9.13	9.01	63.41	
December	3.87	2.36	.88	7.77	5.41	6.36	2.95	5.97	3.68	7.15	46.40	
TOTALS	67.32	54.77	41.34	53.93	63.24	58.65	40.12	66.27	55.40	(57.86)	558.90	

1940 Jan. & Feb. estd by Steamer

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
			Spring Vale	3 1/4 m	N.E.	Belmont.	1 1/4 m	S.S.E.

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

Station No. T.F. 2882

RAINFALL at Bolton - W.W. (Browley Heys)

41

County of South Lancashire

Observer Bolton Corp. - W.W.

River Basin Mersey - Lowell - 3

Type of Gauge Snowdon

Annual Average 51.5 in. based on 4 years obs. un-weighted. Period of average 1881-1915 Ref S

File No. Y41918/27

Diameter	5"		562	262							
Height	1' 0"				1						
Altitude	925'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.86	5.57	6.83	7.94	4.50	5.61	4.37	11.49	4.33	5.31	57.81
February	6.91	2.34	4.34	3.27	6.48	7.91	(1.17)	3.41	3.67	6.44	45.91
March	4.02	3.88	1.58	1.31	2.08	1.18	(7.94)	2.27	2.81	3.26	30.33
April	3.03	2.27	3.82	2.93	2.92	1.76	4.13	2.89	5.31	4.19	33.25
May	2.99	4.48	4.05	4.81	4.26	1.63	3.43	2.36	4.37	2.44	34.71
June	.81	1.16	5.11	4.72	5.58	4.41	3.44	7.36	1.96	3.94	38.49
July	2.98	7.96	4.22	5.27	3.97	5.18	4.41	3.98	3.42	6.03	47.42
August	9.29	6.67	9.32	4.23	3.87	9.44	.24	7.22	3.29	9.06	62.69
September	1.83	4.57	6.31	8.36	3.36	9.12	5.32	3.91	3.39	18.69	56.86
October	5.92	10.89	5.31	7.02	7.96	2.03	1.26	4.66	5.64	4.37	55.06
November	3.36	1.57	5.61	8.48	1.11	8.67	7.21	2.94	7.38	8.59	54.92
December	4.52	5.77	3.90	5.42	4.19	5.54	5.23	5.27	8.22	4.15	52.21
TOTALS	47.50	57.13	60.40	63.82	50.28	62.48	48.15	57.76	53.79	68.41	569.72

DEC. 1947. Gauge washed out
1947. Few small falls of snow. measured by snow

30004

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	Direction
1941			Spring Vale	3 1/4 m.	N.E.	Belmont	1 1/4 m.	S.S.E.

Station No. 2882

T. 36

RAINFALL at Bolton W.W. (Bromiley Hsgs)

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County of Lancashire Observer Bolton L.G.C. Ltd.
corporation WaterworksRiver Basin Mersey-Twissell - 3Type of Gauge Chamberlain Bradford

Annual Average 57.5 in. based on 14 years obs. un-weighted. Period of average 1881-1915 Ref. WS
 " " 53.4 " 30 " " 1916-50 File No. 74491827
58.21 " 29 " " 1927-57 " "

Diameter	5"			562	262						
Height	1' 0"		1' 3"			1'	1' 0"				
Altitude	925'				51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	6.68	5.66	2.89	6.66	3.11	6.94	4.34	5.23	3.23	7.32	52.06
February	4.63	2.27	1.66	4.44	2.66	1.24	3.58	4.28	1.36	3.95	35.07
March	5.73	2.74	3.07	3.46	2.37	2.22	4.98	2.60	2.43	1.70	31.30
April	3.33	4.39	4.24	1.44	4.87	3.59	.88	2.16	3.63	3.27	31.30
May	3.11	2.86	3.57	3.81	5.69	2.26	2.73	5.32	1.62	2.95	33.92
June	1.93	5.65	3.26	5.68	4.87	3.75	2.69	5.37	3.15	1.56	37.71
July	4.94	4.46	6.29	12.05	1.25	7.80	9.27	4.48	7.50	9.96	68.00
August	5.44	5.47	5.89	8.66	1.44	14.28	9.78	7.15	.68	5.70	65.32
September	3.81	6.43	6.24	7.34	5.95	4.65	10.92	5.97	.67	3.50	55.48
October	1.22	5.81	2.77	11.06	3.64	3.70	8.70	6.15	6.63	5.43	55.11
November	10.39	3.56	7.47	9.37	3.84	2.29	2.60	2.51	6.64	7.32	55.99
December	12.19	5.34	2.66	9.36	6.44	5.07	6.90	5.17	10.08	4.93	68.47
TOTALS	63.70	54.64	50.01	83.33	46.29	57.79	67.57	61.39	47.62	57.59	589.73
	M	M	M	M	M	M	M	M	M	np	

W.S. 6.0.63. S. Sound. Site open to east and south but rear exposure probably not serious.
 1960 np low

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SD 663169

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Spring Vale	3 1/2 m. N.E.	Belmont	1 1/2 m. N.E.

Summary of Earlier Records from 10-year Sheets :

Record D. or d		1910-19	1920-30	1931-40	1941-50	1951-60
			C1922 422-25	✓ —	✓ —	