

RAINFALL at Bolton Ld. Dr., Bromley Keys.County of Lancashire Observer J. H. Swales, Esq. B.E.River Basin Mersey - Irwell & surrounding Bolton

Rain Gauge, by _____

J. P. Ainsworth C.E.

Diameter ...							5					
Height							1.0					
Altitude ...							925					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...							5.16	6.10	13.02	2.99	7.73	
February ...							5.63	2.68	6.25	1.41	5.4	
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	6.52	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 Mr. Colless see green file 1922/25 copies from 7/19/1927Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series

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° 30'						

RAINFALL at Bolton W.W. (Bromley Heys)

County of South LancashireObserver Bolton Corpn W.W.River Basin Mersey Irwell 3Type of Gauge SnowdenAnnual Average 5.5 in. based on 4 years obs. un-weighted. Period of average 1881-1915 Ref 5

741918/27

Diameter	5.											
Height	1.0											
Altitude	925.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	1881-1915
January	9.26	6.45	3.89	4.58	4.85	6.19	4.25	6.53	6.04	(3.80)	55.84	
February	6.30	1.18	4.90	5.55	7.67	3.13	6.70	2.27	6.03	(3.65)	41.38	
March	8.5	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	35.86	
May	2.70	5.14	2.91	5.03	1.42	1.55	2.69	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	6.37	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	9.28	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	2.95	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	63.47	
December	3.87	2.36	1.88	7.77	5.41	6.36	2.95	5.97	3.68	7.15	46.40	
TOTALS	62.32	54.77	41.34	53.93	63.24	58.65	40.12	66.27	55.40	(57.86)	558.90	

1940 Jan. & Feb. abtd 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	Parish Church.	Distance from gauge	Direction
			Spring Vale	3 1/4 m	N.E.	Belmont.	1 1/4 m	S.E.

Station No. T.F. 2882RAINFALL at Bolton W.D. (Bromley Hoag)

41

County of South Lancashire Observer Bolton Corps. W.D.River Basin Murray Inwell - 3Type of Gauge StandardAnnual Average 51.5 in. based on 4 years obs. un-weighted. Period of average 1881-1915 Ref SFile No. 441918/27

Diameter	5"			562	262						
Height	1'0"				1						
Altitude	925'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
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	6.41	45.91
March	4.02	3.88	1.58	1.31	2.08	1.18	(7.94)	2.27	2.91	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	2.97	4.48	4.05	4.81	4.26	1.63	3.43	2.36	4.37	2.41	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	2.96	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	4.29	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	3.26	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. Engaged White gauge covered.
1947. Felt part extra for snow. measured for snow

30004

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

BRITISH RAINFALL ORGANIZATION

Station No. 2882

T. 1° 36'

RAINFALL at Bolton W. R. (Premley Hys)

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County of LancashireObserver Robert Longman
Examiner in WetnessRiver Basin Mersey-Tamworth - 3Type of Gauge Standard BradfordAnnual Average 58.21 in. based on 29 years obs. un-weighted. Period of average 1881-1915 Ref. 68
53.44 20 within 1927-57 1916-50 File No. 741918/37

Diameter ...	5"			562	262						
Height ...	1' 0"		1' 3"		1	1'	1' 0"				
Altitude ...	925'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
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	4.37	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 ...	1.73	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 ...	5.94	5.47	5.89	8.66	1.77	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	6.77	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	67.37	61.39	47.62	57.59	589.73
	M	M	M	M	M	M	M	M	M	M	

W. 610.53. G. Summit. Site open to east and south but new exposure probably not serious.

1960 ap low

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SD663169

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1951			Spring Vale	3 1/4 m.	N.E.	Belmont	1 1/4 m.	A. 65

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C1922 A22-25	✓ —	✓ —	