

RAINFALL at Bolton W.W. (Haynes Farm).

County of Lancashire.

Observer Bolton W.W. per J. K. Swales.

River Basin Mersey. Twelv. 3.

1930 T.P. Climatology Eng. C.E.

Rain Gauge, by.....

Diameter											5"
Height											1' 0"
Altitude											872'
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January											2.53 5.52
February											1.45 .25
March											1.77 3.14
April											1.33 2.50
May											2.71 2.14
June											2.29 3.02
July											3.70 6.92
August											6.25 8.79
September											2.65 4.29
October											8.01 7.09
November											8.35 7.13
December											6.21 4.47
TOTALS											47.25 55.26

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	Parish Church.	Distance from gauge

RAINFALL at Bolton W.W. (Harpers Farm.)

County of South Lancashire observer Bolton Corpn. W.W.

River Basin..... Mersey-Irwell-3.

Type of Gauge Snowdon

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

Ref

74 1918/37

Diameter	5	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean Total
Height	1.0											
Altitude	872											
January	7.57	5.37	2.77	3.68	3.68	5.47	3.58	5.73	5.98	(3.20)	47.08	
February	5.67	07	3.78	-43	6.06	2.37	6.28	1.98	4.88	(3.00)	34.52	
March	4.45	3.09	2.87	2.78	1.87	3.07	2.08	2.38	2.52	3.08	24.29	
April	3.93	3.47	1.78	2.68	3.68	1.37	4.78	1.67	3.47	3.57	29.40	
May	2.67	4.28	2.27	3.97	1.58	1.19	2.87	4.88	1.96	1.98	27.65	
June	7.34	67	3.97	1.86	4.87	3.77	2.17	4.86	4.28	1.34	35.13	
July	3.87	4.37	2.87	2.88	1.66	3.67	2.97	4.69	7.24	5.88	40.15	
August	6.67	1.68	3.18	5.57	2.27	2.87	3.68	4.47	1.98	2.63	35.00	
September	4.47	6.87	1.00	3.86	7.07	4.38	2.07	3.27	1.58	4.58	39.15	
October	3.42	9.17	4.85	6.96	9.50	4.07	2.47	10.26	2.87	4.68	58.25	
November	7.87	4.17	2.78	2.48	5.23	5.87	2.18	5.58	7.07	7.85	56.78	
December	2.87	2.87	.56	1.20	4.47	4.58	5.27	5.87	3.50	5.28	41.97	
TOTALS	56.80	45.58	32.68	44.85	51.94	42.38	40.40	52.69	47.48	(47.07)	463.37	

1940 Jan. estd.
Feb. estd.

Position of Station on reduced Ordnance Survey Map. } No. of Map.
1 mile to 1 inch Series

Preference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
			Looock Junction	1 7/8m	S.	Seaton	1 5/8m	S.E.

Station No. TF 2848

RAINFALL at Bolton W.W. (Harrop Farm)

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County of South Lancashire Observer Bolton Corp. W.W.

River Basin Mersey - Irwell - 3

Type of Gauge Snowdon.

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. 741918/27

Diameter	5"		562	485							
Height	10'			1							
Altitude	872			41					X	X	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
January	1.20	5.04	5.83	6.22	3.84	5.46	3.49	10.03	3.44	3.58	48.18
February	5.30	2.94	3.05	2.47	5.63	6.73	.68	2.58	2.50	4.89	36.77
March	3.34	3.90	1.25	1.03	1.88	.96	5.89	1.84	2.97	2.42	25.51
April	2.41	1.95	2.97	3.18	2.72	1.39	3.55	1.92	3.92	3.38	27.39
May	2.93	4.31	3.37	4.49	4.27	1.27	3.07	2.20	2.70	1.81	30.42
June	.40	.78	3.80	3.87	5.04	4.26	2.74	6.30	1.24	2.81	31.24
July	3.02	5.23	3.38	4.56	4.75	4.28	3.25	3.64	2.97	4.34	39.42
August	6.35	5.32	6.75	3.55	3.22	7.98	.33	5.95	3.58	7.40	50.43
September	1.06	2.60	5.37	6.40	3.52	8.87	2.72	4.00	2.07	8.05	45.66
October	5.02	8.15	4.38	5.65	6.90	1.54	.98	3.67	4.16	3.29	43.74
November	3.22	1.38	4.88	7.52	.77	7.10	5.26	2.57	6.36	6.47	45.53
December	3.30	5.45	2.91	4.30	3.52	4.26	4.10	4.65	6.10	3.92	42.51
TOTALS	37.68	47.05	47.94	53.24	46.06	54.10	37.06	49.35	42.01	52.36	466.75

Dec 1948 Eng. Weather Survey Report

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			Lostock Junction	1 1/4 m	S	Heaton	1 1/4 m	SE

Station No. 2248 Ref. 36

RAINFALL at ~~Bolton~~ (Harpesa Farm) 3

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County of Lancashire Observer ~~Bolton Corporation Waterworks~~

River Basin Mersey-Turwall 3

Type of Gauge ~~Shuttle~~ BradfordAnnual Average 44.2 in. based on years obs. un-weighted. Period of average 1916-50
" " 47.63 " " 27 " within 1929-51. " " File No. 7641918/17

Diameter ...	5"			562	485							
Height ...	1' 0"				1							
Altitude ...	872'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January	4.00	3.90	2.63	5.27	3.46	6.15	3.59	4.24	3.63	7.35	44.22	
February	2.87	1.51	2.10	4.07	3.02	1.18	2.79	8.75	.94	3.96	31.19	
March	5.00	2.51	2.37	3.09	2.23	2.20	3.79	2.43	2.24	1.70	27.56	
April	2.42	4.16	3.34	1.43	3.30	4.01	.69	1.75	3.27	2.62	26.99	
May	2.99	2.40	2.84	3.10	4.37	1.51	1.84	5.24	1.87	2.83	28.99	
June	1.69	4.65	2.75	4.77	3.88	3.21	2.61	5.84	2.41	1.88	33.69	
July	3.66	3.10	5.41	7.57	1.14	7.85	6.42	5.02	5.18	9.26	54.61	
August	6.48	5.29	5.54	6.12	1.51	11.41	7.17	6.69	.64	0.31	57.16	
September	3.89	5.08	5.01	5.21	5.16	4.47	8.27	5.52	.38	4.31	46.80	
October	.94	4.89	2.31	8.71	2.66	3.59	5.97	4.81	5.12	5.53	44.53	
November	8.33	3.68	5.07	7.47	2.41	2.27	2.28	2.37	5.30	7.59	46.77	
December	8.42	4.82	2.22	7.00	(6.60)	4.27	5.40	4.86	7.43	5.26	55.98	
TOTALS ...	50.19	46.99	41.59	63.81	39.74	52.12	50.82	57.22	38.41	58.60	498.49	
M	M	M	M	M	M	M	M	M	M	M	M	

Feb 1952 - Construction of long wall will shortly commence

1951 Annual total rather low but accepted

Inv. 6.10.53 G sound Turwall in good condition. Very exposed to sun.

1955 Dec est M.O.S at King's request.

Turwall

(3A)

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SD 668 114

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1954			Lootock Junction	1 1/2 m. S	Heaton	1 1/4 m. SE

Summary of Earlier Records from 10-year Sheets :

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