

## RAINFALL at Bolton W.W., Longshoot.

County of S. Lancashire Observer J. K. Hawkes, Esq. B.C.  
 River Basin Mersey - Lowell 3 J. Rainworth C.E. (1930)

Rain Gauge, by \_\_\_\_\_

Diameter ...							5			
Height .....							1.0			
Altitude ...							930			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
										MEANS.
January .....							6.30	5.60	14.06	2.30
February .....							5.60	2.80	6.51	1.60
March .....							3.25	5.90	3.48	1.80
April .....							2.60	4.90	1.50	1.57
May .....							4.30	1.85	1.50	3.20
June .....							3.30	5.50	7.65	1.51
July .....							3.60	5.27	3.01	4.68
August .....							5.18	7.27	7.93	6.85
September .....							4.82	8.10	1.00	2.65
October .....							4.10	6.10	6.65	9.38
November .....							8.75	6.60	10.00	11.43
December .....							2.63	1.62	3.58	10.60
TOTALS ...				59.33	52.38	54.43	61.51	67.17	57.54	61.30

IX/28 Inspected by Mr Corless see green file.

~~Rejected from survey 2 low.~~

Position of Station on reduced Ordnance Survey } 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	53° 41'	2° 24'						

## RAINFALL at Bolton W.W. (Longshot)

County of South Lancashire

Observer Bolton Corpn W.W.

River Basin Mersey - Irwell - 3

Type of Gauge Standard

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

Ref.

7419/8/27.

Diameter	5.												
Height	1.0.												
Altitude	930.												
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940			
											Mean Total		
January	8.65	7.14	4.35	6.14	3.92	6.01	5.13	7.57	6.18	(3.30)	57.29		
February	7.34	2.23	4.75	5.2	9.09	3.05	7.03	2.62	5.77	(3.10)	44.10		
March	1.10	4.05	3.58	3.24	1.93	4.33	2.66	2.39	3.24	3.76	30.28		
April	4.29	5.04	2.33	3.23	4.52	1.33	4.99	1.11	3.42	3.62	33.88		
May	3.23	5.54	2.18	5.25	1.21	3.6	2.04	4.97	2.29	.81	28.98		
June	6.23	1.29	3.14	3.54	4.59	4.54	2.36	5.97	4.63	1.18	37.47		
July	5.43	4.99	4.44	2.84	2.39	5.60	2.09	6.02	10.27	5.56	50.23		
August	6.45	1.63	3.73	3.74	2.15	3.87	3.41	3.67	3.58	3.36	37.59		
September	5.89	7.54	1.06	4.98	9.44	6.65	2.22	2.87	1.81	6.80	49.21		
October	3.59	9.26	5.75	8.60	12.63	7.81	2.69	14.44	2.51	5.93	73.21		
November	10.26	5.00	3.09	2.72	6.23	7.81	2.27	9.23	9.37	10.15	66.13		
December	3.98	3.07	.88	8.02	5.19	7.33	3.97	6.33	3.57	7.14	49.68		
TOTALS	66.34	54.70	37.28	53.77	63.29	59.39	42.06	67.19	56.64	(54.71)	557.45		

1940 Jan. &amp; Feb. std. by observer.

148. As rejected from Survey as 2° low. The gauge was noted for a further inspection in due course.

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
			Entwistle	1 $\frac{3}{4}$ m	S.W.	Tinton	3 m. S.

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

Station No. T.F. 2890

## RAINFALL at Bolton W.W. (Flagstaff)

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

River Basin Mersey - Irwell - 3

Type of Gauge Snowdon

Annual Average 52.5 in. based on years obs. un-weighted. Period of average Ref.

File No. 141918/27

Diameter	5"			562	107						
Height	1'0"					1					
Altitude	930'					W					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means. T. & A.O.
January	1.62	5.12	6.90	8.03	5.34	6.15	4.52	11.94	3.89	4.90	58.21
February	5.80	3.18	4.16	3.04	7.12	8.00	1.47	3.96	4.15	6.07	46.95
March	3.49	4.56	1.70	1.03	2.00	1.55	7.17	2.33	2.21	3.33	29.73
April	1.96	2.80	3.68	3.69	2.88	1.71	4.67	2.75	5.37	4.43	33.34
May	3.55	4.05	3.72	4.19	4.46	2.03	3.15	2.43	3.74	2.63	33.95
June	.56	1.00	4.40	3.61	5.20	4.45	3.67	8.35	1.07	2.09	34.40
July	3.96	7.35	4.04	5.35	3.53	4.55	3.98	3.37	2.41	5.33	43.67
August	3.20	6.69	8.54	4.92	3.78	9.43	.27	5.66	3.95	8.61	60.05
September	1.45	3.20	5.58	7.88	4.11	8.43	4.77	4.35	2.40	11.63	54.10
October	5.75	3.87	4.26	6.82	7.40	1.58	1.34	3.95	5.96	4.49	51.42
November	3.85	1.76	5.44	8.96	.80	9.07	7.46	2.33	8.38	3.75	56.80
December	3.92	5.84	3.42	5.83	4.12	5.39	4.95	5.74	8.25	4.19	51.65
TOTALS	44.21	55.42	55.84	62.81	50.74	62.34	47.42	57.16	51.78	66.45	554.27

Dec 1947. Equates with gauge round.

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			Tenkisside	1 1/8 m.	S.S.W.	Jurton	2 3/4 m.	S.

BRITISH RAINFALL ORGANIZATION

Station No. 2890

T.F. 30

RAINFALL at Bolton W.W. (Longsight)

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County of Lancashire

Observer

Bolton Corporation WeatherworksRiver Basin Mersey Dwell 3Type of Gauge ✓ Bradford

Annual Average 52.8 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. W.S.  
 " " 56.67 " " 35 " " 1916-50 File No. 741918/27

Diameter ...	5"		562	107							
Height ...	1' 0"	1' 3"			1' 1'	1' 0"					
Altitude ...	930'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January	5.50	5.55	2.59	5.87	2.98	6.60	5.00	5.39	4.15	7.47	51.10
February	3.99	2.37	1.88	3.75	2.50	1.45	3.97	8.98	1.13	5.32	35.34
March	5.36	2.80	3.37	3.38	2.50	1.91	4.76	2.70	2.40	1.55	30.73
April	3.27	4.11	4.08	1.13	3.68	3.37	.82	1.90	3.76	3.50	29.62
May	2.30	2.72	2.74	3.52	5.46	2.54	2.23	5.41	1.18	2.36	30.46
June	1.66	4.57	3.48	3.92	3.98	3.13	2.68	4.95	3.45	1.56	33.38
July	4.86	3.29	7.13	8.34	1.39	7.12	8.32	4.22	5.87	9.87	60.41
August	5.46	6.95	6.16	7.41	2.07	14.40	8.19	4.98	.65	6.20	62.47
September	4.46	5.76	5.90	6.85	5.20	4.93	8.79	6.10	.44	3.97	51.80
October	1.03	5.84	2.52	10.78	3.77	4.08	8.94	6.04	6.75	4.78	54.53
November	10.09	3.77	7.47	8.76	3.40	2.59	2.84	2.42	6.17	8.92	56.43
December	12.81	5.36	2.71	8.65	7.31	5.69	6.78	5.34	10.70	7.15	72.50
TOTALS	60.79	53.09	50.03	72.36	44.24	57.21	63.32	58.43	46.65	62.65	568.77
	M	M	M	M	M	M	M	M	M	M	

Ins. 7.10.53. Q. sound but mean diameter .02" less than standard. Open to ESE but ~~opp~~ good shelter in other directions.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference SD737204

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.
1957			Antwistle	1.78m	S.S.W.	Turton	2 3/4 m. S.

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
			c1924 A24,25	✓ —	✓ —	