

RAINFALL at Bolton W. W., Longshot.County of L. Lancashire Observer J. K. Swales, Esq. B.E.River Basin Mersey - Iwerell 3 J.P. Ainsworth C.E. (1930)

Rain Gauge, by _____

Diameter ...							5					
Height							1'0					
Altitude ...							930					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...							6.30	5.60	14.06	2.30	7.01	
February ...							5.60	2.80	6.51	1.60	.58	
March							3.25	5.90	3.78	1.80	3.55	
April							2.60	4.90	1.50	1.57	2.77	
May							4.30	1.85	1.50	3.20	2.33	
June							3.30	5.50	7.65	1.51	2.24	
July							3.60	5.27	3.01	4.68	7.60	
August							5.18	7.27	7.93	6.85	9.50	
September...							4.82	8.10	1.00	2.65	4.23	
October							4.10	6.10	6.65	9.38	7.93	
November...							8.75	6.60	10.00	11.43	8.33	
December...							2.63	1.62	3.58	10.60	5.23	
TOTALS...						59.33	52.38	54.43	61.51	67.17	57.57	61.30

IX/28 Inspected by Mr. Corless see green file.

Repealed from survey. 2" low.

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	53° 41'	2° 24'						

RAINFALL at Bolton W.W. (Longshoot)County of South LancashireObserver Bolton Corp. W.W.River Basin Mersey-Twivel-3Type of Gauge Snowdon

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

741918/27.

Diameter	5.											
Height	1.0.											
Altitude	930.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Table	
January	8.55	7.14	4.35	5.14	3.92	6.01	5.13	7.57	6.18	(3.30)	57.29	
February	7.34	2.3	4.75	5.2	9.09	3.05	7.63	2.62	5.77	(3.10)	44.10	
March	1.10	4.05	3.58	3.24	1.93	4.33	2.66	2.37	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	2.6	2.04	4.97	2.29	81	28.58	
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	2.69	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	4.93	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	54.78	39.28	53.77	63.29	59.29	42.06	67.19	56.64	(54.71)	557.45	

1940 Jan. & Feb. total. by observer.

No. 3. 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,
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
			Entwistle	1 3/4 m	S.W.	Tunton	3 m.	S.

Station No. TF 2890RAINFALL at Bolton W.W. (Longboat)

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County of South Lancashire Observer Bolton Corp. W.W.River Basin Mersey-LancasterType of Gauge StandardAnnual Average 52.5 in. based on years obs. un-weighted. Period of average Ref.File No. 741918/27

Diameter	5"			562	107							
Height	1'0"				1							
Altitude	930'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Total
January	1.42	5.12	6.90	8.03	5.34	6.15	4.52	11.94	3.89	4.90	58.21	
February	5.60	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	1.09	2.00	1.55	7.17	2.33	2.21	3.33	29.73	
April	1.96	2.80	3.68	3.09	2.88	1.71	4.67	2.75	5.37	4.43	33.34	
May	3.35	4.05	3.72	4.19	4.46	2.03	3.15	2.43	3.74	2.63	33.95	
June	.86	1.00	4.40	3.61	5.20	4.45	3.67	8.35	1.07	2.09	34.40	
July	3.76	7.35	4.04	5.35	3.53	4.55	3.98	3.37	2.41	5.33	43.67	
August	9.20	6.69	8.54	4.92	3.78	9.43	.27	5.66	3.95	8.41	60.05	
September	1.75	3.20	5.58	7.88	4.11	8.42	4.77	4.35	2.40	11.63	54.10	
October	5.75	9.87	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	7.44	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	44.81	55.42	55.84	62.81	50.74	62.34	47.42	57.16	51.78	66.45	554.27	

Dec 1947. Equinox radio gauge sound.

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			Enthistle	1 7/8 m.	S.S.W.	Turton	2 1/4 m.	S.

BRITISH RAINFALL ORGANIZATION

Station No. 2890 T.F. 30

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RAINFALL at Bolton W.M. (Longdendale)

County of Lancashire

Observer

Bolton W.M. M.H.
Cooperation W.M. M.H.

River Basin Mersey - Jewell 3

Type of Gauge Bradford

Annual Average 52.8 in. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref. L.W. 5

" " 56.67 " " 35 " " within 1924-57. " " 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	4.45	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	5.24	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. G. found but mean diameter .027 less than standard. Open to ESE but ~~not~~ good shelter in other directions.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 5D737204

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Antworth	1 1/2 m 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	✓ —	✓ —	