

RAINFALL at Bolton W.D., DelphCounty of Lancashire Observer J. H. Swales, Esq. B.C.River Basin Mersey - Irwell 3. W.D. Eng. BoltonMr. O. Pattern Rain Gauge, byT.P. Ainsworth Esq. B.E. (1930)

Diameter ...							5				
Height							1.0				
Altitude ...							710				
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. Means.
January ...							6.29	5.81	13.81	3.22	7.15
February ...							5.44	2.52	6.29	1.75	.53
March							2.73	7.41	3.72	2.13	3.45
April							2.17	4.22	1.52	1.72	2.84
May							4.46	1.83	1.38	3.94	3.30
June							3.19	6.17	8.22	2.27	2.42
July							3.97	5.69	3.25	4.35	6.21
August							6.00	8.62	7.66	7.30	8.48
September...							5.38	7.24	1.42	2.96	4.54
October							4.38	5.72	7.32	9.05	8.30
November...							8.42	6.27	8.55	10.41	8.64
December...							2.65	1.72	4.41	9.51	5.55
TOTALS...			57.34	69.17	59.33	52.59	55.08	63.22	67.85	58.61	61.41
							D	D	D		

IX/28 Inspected by Mr Colson: see green file 1922/5 copies from 7419/10/28
Overlaid prior to 1929 from which date a standard turf wall has been erected.

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	Parish Church.	Distance from gauge	Direction
1926	53° 38'	2° 27'	Turton & Edgworth	1 1/2 m.	E	St Anne's, Turton	1 3/4 m.	E

RAINFALL at Bolton W.W. (Delph) *

County of South LancashireObserver Bolton Corpn. W.W.River Basin Mersey-Inxill 3Type of Gauge SnowdonAnnual Average 51.2 in. based on 28 years obs. un-weighted. Period of average 1881/1915 Ref. 7-1-115
(1939) 53.6 9 74/9/27

Diameter	5.										
Height	1.0.										
Altitude	710.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean 1931-40
January	9.12	6.51	3.33	4.74	3.43	6.07	4.26	6.48	5.87	3.67	53.48
February	7.03	2.0	5.42	4.7	7.09	3.66	7.73	1.96	6.31	4.07	43.94
March	6.5	4.09	3.42	3.65	1.61	3.67	2.29	1.98	3.05	3.80	28.21
April	4.26	4.84	2.39	3.87	4.29	1.46	4.58	1.17	3.46	3.99	34.31
May	3.36	5.65	2.35	5.31	1.77	.89	2.23	4.61	1.75	.87	28.79
June	6.91	1.09	2.97	3.23	5.08	4.79	2.43	5.63	4.35	1.27	37.75
July	6.09	4.68	3.95	2.74	2.64	6.38	2.65	5.45	9.94	6.46	50.98
August	6.65	1.85	3.53	6.44	2.26	4.12	3.52	4.33	2.85	3.19	38.74
September	5.14	8.09	1.12	4.95	9.46	6.49	2.44	3.08	1.67	6.06	48.50
October	3.67	10.69	5.75	8.45	12.68	6.58	2.69	11.01	2.86	5.67	69.95
November	10.17	4.77	2.96	2.78	5.84	8.46	2.26	6.50	9.37	9.67	62.78
December	3.24	3.02	.76	7.44	5.12	6.27	3.31	6.16	4.43	7.96	47.71
TOTALS	66.19	55.48	37.95	64.07	61.27	58.84	40.39	58.36	55.91	56.68	545.14

* Turf Wall round Gauge. (B.R.) from Jan 1929 prior to which g. was over-exposed.

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
			Bolton Edgworth	1 1/2 m	E.	Lorton	1 3/4 m	E.

Station No. TF 2874RAINFALL at § Bolton W.W. (Delph)

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County of South LancashireObserver Bolton Corp. W.W.River Basin Mersey, Irwell &Type of Gauge StandardAnnual Average 53.6 in. based on 9 years obs. un-weighted. Period of average 1881-1915 Ref. 1WSFile No. 74198/27

Diameter	5"			562	322						
Height	1'0"				1						
Altitude	710				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.30	7.01	7.57	7.94	5.67	6.43	4.77	12.11	4.27	4.85	62.92
February	6.94	2.62	4.27	3.30	7.24	8.61	1.37	3.84	3.58	6.44	48.24
March	4.54	4.75	1.65	1.24	2.07	1.25	2.41	2.47	3.01	3.27	32.66
April	2.30	3.03	3.88	3.56	3.16	1.52	4.67	2.95	4.81	4.82	34.70
May	3.92	4.48	3.89	4.67	4.91	1.62	3.35	2.36	4.55	2.19	35.94
June	.75	.90	5.86	4.52	5.94	4.84	3.37	8.36	1.24	3.11	38.89
July	2.32	7.14	4.13	4.73	3.92	4.64	4.11	3.38	2.59	5.54	42.50
August	6.54	7.03	9.34	4.20	3.85	8.88	.33	5.98	3.14	8.29	59.86
September	1.66	4.45	5.58	7.70	4.39	9.42	4.22	4.13	2.63	10.87	55.05
October	6.00	9.97	4.78	7.17	7.64	1.70	1.17	4.66	5.90	4.09	53.08
November	3.86	1.76	6.08	9.29	1.00	9.41	6.80	2.95	7.29	8.40	56.84
December	4.00	6.18	3.80	5.79	4.61	5.06	5.05	5.55	8.43	4.83	53.30
TOTALS	47.16	59.32	60.83	64.11	54.38	63.38	47.62	59.74	51.74	66.70	573.98
	D	D	D	D	D	D	D	D	D	D	

Dec. 1947. Engineer states gauge sound

§ Turf wall round gauge

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			Tinton & Edgworth	1 1/2 m.	E	Tinton	1 3/4 m.	E

BRITISH RAINFALL ORGANIZATION

Station No. 2874RAINFALL at 5 Bolton W. H. (Delph)

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County of L. LancashireObserver Bolton W. H. H. H.Corporation WarringtonRiver Basin Mursey-Swift-3Type of Gauge Snodden M.O.Annual Average 53.6 in. based on 9 years obs. un-weighted. Period of average 1881-1915 Ref. L.W.S." " 58.39 " " 17 " " within 1940-57. " " 1916-50 File No. 741918/87

Diameter ...	5"	5"	562	322								
Height ...	1' 0"	10"			1	1' 0"						
Altitude ...	710'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January ...	6.29	5.68	2.06	5.56	3.68	7.15	4.57	4.90	3.72	8.47	52.68	
February ...	4.00	2.44	2.15	4.13	3.64	1.32	4.00	9.57	1.04	4.05	36.24	
March ...	6.09	3.09	3.18	3.54	2.38	2.18	4.54	2.71	2.41	1.65	31.77	
April ...	3.05	4.72	3.97	1.16	3.95	3.55	1.00	2.04	4.06	3.32	30.82	
May ...	2.64	3.05	2.99	3.41	5.33	2.21	2.63	5.75	2.16	2.78	32.95	
June ...	1.66	5.13	3.05	4.77	4.13	3.10	2.98	4.33	2.93	1.59	34.17	
July ...	4.05	3.42	6.98	9.35	1.38	8.17	8.03	5.07	5.58	10.19	62.22	
August ...	5.52	6.17	6.00	7.76	1.93	14.28	8.05	6.16	5.4	6.21	62.62	
September ...	4.12	5.78	5.81	6.93	5.90	4.69	9.93	5.49	4.3	3.94	53.02	
October ...	1.01	5.87	2.42	10.09	3.16	3.95	8.46	5.60	5.87	5.64	52.07	
November ...	9.93	3.80	6.63	8.80	2.94	2.11	2.49	2.34	5.78	9.22	54.24	
December ...	11.58	5.82	2.42	9.12	7.36	5.53	6.75	5.29	10.20	6.20	70.27	
TOTALS ...	59.94	54.97	48.26	74.62	45.68	58.24	63.43	59.95	44.72	63.26	573.07	
	D	D	D	D	D	D	D	D	D	D		

has 7.10.53 head in funnel and g. battered generally. New g. a measure recommended
 from Turf wall good but grass needs cutting. 12 post 6' ESE
 New 5" M.O. gauge installed 5/11/53.
 1952 NP gauge leaking.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SD704156

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Luton & Luton	1 1/2 m. E.	Luton	1 1/4 m. E.

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 D26-28	✓ D35-40	✓	