

## RAINFALL at Bolton w.w., Delph.

County of S. Lancashire observer J. K. Swales, Esq. B.C.

River Basin Mersey - Lowell 3. W.W. Engt. Bolton.

H.M.O. pattern Rain Gauge, by \_\_\_\_\_

T.P. Ainsworth Cap. G.E. (1930)

Diameter ...							5			
Height .....							1.0			
Altitude ...							710			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1930, MEANS.
January ...							6.29	5.81	13.81	3.22
February ...							5.44	2.52	6.29	1.75
March .....							2.73	7.41	3.72	2.13
April .....							2.17	4.22	1.52	1.72
May .....							4.46	1.83	1.38	3.94
June .....							3.19	6.17	8.22	2.27
July .....							3.97	5.69	3.25	4.35
August .....							6.00	8.62	7.66	7.30
September...							5.38	7.24	1.42	2.96
October....							4.38	5.72	4.32	9.05
November...							8.42	6.27	8.65	10.41
December...							2.65	1.72	4.41	9.51
TOTALS...	57.34	69.17	59.33	52.59	55.08	63.22	67.85	58.61	61.41	

IX/28 Inspected by Mr. Colens: see green file 1922/5 copies from 741910/28  
 Overexposed from 1929, from which date a standard turf wall has been erected.

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

RAINFALL at Bolton W.W. (Delph.)

County of South Lancashire

Observer ... Balton Corp. W.W.

River Basin. Mersey-Inwell-3.

Type of Gauge. Snowdon

Annual Average 1939 in based on 8 years obs. un-weighted. Period of average 1915 Ref. 74 198/37.

Diameter	5.										
Height	1.0.										
Altitude	710.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean Total
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	2.20	5.42	4.7	7.09	3.66	7.13	1.96	6.31	4.07	43.94
March	6.65	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	3.89	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	31.75
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	3.62	4.33	2.85	3.19	38.14
September	5.14	8.09	1.12	4.95	9.46	6.49	2.44	3.08	1.67	6.06	48.60
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	8.02	7.76	7.44	5.12	6.27	3.31	6.16	4.43	7.96	41.71
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.....

*Preference No.*

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
			Bolton Edgworth	1½m	E.	Turton	1¾m	E.

Station No.... 2874

RAINFALL at 8 Bolton W.W. (Dolph)

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County of... South Lancashire

Observer... Bolton Corp. W.W.

River Basin ... Tame &amp; ...

Type of Gauge... Standard

Annual Average 53.6 in. based on 9 years obs. unweighted. Period of average 1881-1915 Ref. M.W.S.

File No. 741.918/27

Diameter	5"		562	322							
Height	1' 0"				1						
Altitude	910				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	8.41	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	8.54	7.03	9.34	4.20	3.85	8.88	.33	5.98	3.44	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

Dec. 1947 Two year winter gauge round

8 Turf wall round gaugePosition 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.
1941			Turton Edgworth	1/2 m.	E	Turton	1 3/4 m.

Station No. 2874

T. 36

RAINFALL at Bolton W.H. (Delph)County of S. LancashireObserver Bolton Corporation WaterworksRiver Basin Mersey-Dewell-3Type of Gauge Greydon M.O.

Annual Average 53.6 in. based on 9 years obs. un-weighted. Period of average 1881-1915 Ref. I.W.S.

" 58.39 " " 17 " within 1940-57 " " 1916-50

File No. 741918/29

Diameter ...	5"	5"	562322								
Height ...	11' 0"	10"		1	1' 0"						
Altitude ...	710'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	6.29	5.68	2.16	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	4.83	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	6.44	6.21	62.62
September ...	4.12	5.78	5.81	6.93	5.90	4.69	9.93	5.49	4.43	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	2.84	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	DNP	D	D	D	D	D	D	D	

In 7.10.53 leak in funnel and of bracket generally. New g. a measure recommended  
Gum Turf wall good but grass needs cutting. 12' post 6' ESE

New 5" M.O. gauge installed 5/11/53.

1953 NP gauge leaking.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference SD 704156

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Juntor & Salford	1 1/2 m. E.	Juntor	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 A22-25 226-29	V D35-40	✓ ✓	