

# RAINFALL AT *Bolton-upon-Deane*

Lat. .... Lon. .... County of *West York* *Leitham*  
*parish medly parish of Holme*  
 Rain Gauge, by ..... Observer *J. Washington Esq.*

*Case - Don 24*

Diameter ..								5			
Height ....								10			
Altitude ..								130			
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..								<i>78</i>	<i>.94</i>	<i>1.12</i>	
February ..								<i>1.37</i>	<i>1.81</i>	<i>.51</i>	
March ....								<i>1.17</i>	<i>2.75</i>	<i>3.29</i>	
April .....								<i>1.98</i>	<i>1.97</i>	<i>1.45</i>	
May .....								<i>3.10</i>	<i>2.01</i>	<i>1.93</i>	
June .....								<i>3.22</i>	<i>1.18</i>	<i>3.44</i>	
July .....								<i>1.97</i>	<i>1.73</i>	<i>4.02</i>	
August ....								<i>1.60</i>	<i>2.13</i>	<i>2.24</i>	
September..								<i>.35</i>	<i>1.10</i>	<i>2.21</i>	
October ....								<i>5.05</i>	<i>.88</i>	<i>1.64</i>	
November ..								<i>2.24</i>	<i>.73</i>	<i>.33</i>	
December ..								<i>1.96</i>	<i>1.26</i>	<i>4.28</i>	
TOTALS ..								<i>24.79</i>	<i>18.49</i>	<i>26.46</i>	

*1907 Bolton-upon-Deane Church 200 yards S E*  
*do Station 250 " E*  
*Wall 4-10 ft high 14 ft - 21 ft N.W.S.E.*

RAINFALL at Potton-upon-DeaneCounty of W. R. YorkshireObserver J. Washington EsqRiver Basin Ouse - DonRain Gauge, by Ryedale & Ltd

Diameter ...	5											
Height .....	1.0											
Altitude ...	180											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	2.03	.84	3.87	3.15	1.01	2.38	.70	2.41	1.94	3.40		
February ...	2.01	1.08	1.39	.53	1.30	2.94	3.85	.64	1.87	2.64		
March .....	.73	.94	2.42	2.58	1.44	1.02	3.95	1.25	1.10	3.81		
April .....	1.89	.69	.22	2.77	.43	.50	.89	1.61	1.29	1.44		
May .....	1.70	.61	3.96	1.86	1.37	1.21	2.68	1.89	2.46	.53		
June .....	2.45	2.64	4.96	.37	2.12	.52	1.60	1.50	1.13	.81		
July .....	2.78	.18	5.37	1.63	3.60	3.98	1.44	.75	3.35	3.95		
August .....	2.59	1.76	5.36	1.45	1.66	1.82	1.20	4.32	1.36	2.63		
September ..	.17	1.89	1.05	3.44	.82	.66	1.22	.65	5.59	2.26		
October ...	1.90	2.07	1.97	3.35	2.17	1.46	1.93	3.11	1.42	3.07		
November ..	3.72	2.77	2.09	1.68	2.60	2.75	3.17	.95	1.21	1.65		
December ...	3.49	3.79	1.87	1.46	4.72	5.60	2.34	1.87	2.99	3.18		
TOTALS ...	25.49	19.26	34.53	24.27	23.14	24.84	24.97	20.95	20.41	29.35		

1913 Wall 4-10 ft high 5-15 ft N.E.S.W.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53 1/2	1 1/4	Potton-upon-Deane	220 260 yds	E	St Andrews	250 yds 440 yds	SE

RAINFALL at Bolton-on-Deane, Goldthorpe.County of Yorkshire, W.R. Observer E. Washington, Esq.River Basin Ouse - Don. 7Cn B.A. Rain Gauge, by \_\_\_\_\_

Diameter ...								5			5
Height .....								10		1.6	1.6
Altitude ...								130			93
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del> 1930
January ...								1.13	3.96	1.72	3.66
February ...								.92	1.96	1.30	.69
March .....								1.66	2.25	.07	2.46
April .....								2.18	.75	.87	3.01
May .....								1.12	2.76	1.24	1.52
June .....								2.23	5.19	1.23	.76
July .....								2.68	.49	1.05	6.21
August .....								4.76	2.36	2.07	2.51
September...								3.84	.26	1.12	3.73
October .....								1.93	4.06	2.54	2.15
November...								3.16	2.63	4.71	3.74
December...								2.29	1.82	4.82	1.93
											<i>G. from Bolton-on-Deane W.R.</i>
TOTALS...								27.90	25.89	22.74	31.37
								27.90	25.89	22.74	31.37

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1929			Bolton on Deane	1 mi.	S.	St. Andrews	1 mi.	S.



RAINFALL at Bolton-on-Deane (Goldthorpe)County of West RidingObserver E. Washington, Esq.River Basin Ouse Don-7

Type of Gauge .....

Annual Average 24.3 in. based on 3 years obs. un-weighted. Period of average 1891-1915 Ref 3

76609/27

Diameter	5.											
Height	1.6.							1 0				
Altitude	93.							100	approx 100	approx 100		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.78	1.26	2.26	1.51	1.44	2.85	3.41	2.01	4.96	2.96		
February	2.19	.44	3.57	.91	2.46	3.19	3.51	1.02	.80	2.54		
March	.25	1.40	2.81	1.99	1.26	1.76	2.55	.22	2.14	1.75		
April	3.32	2.24	1.01	2.18	1.98	1.43	2.97	.08	1.38	2.02		
May	2.52	6.53	2.54	1.01	.28	1.10	2.91	2.66	1.85	.61		
June	4.80	.59	1.27	1.66	2.08	4.40	1.85	1.66	1.72	.62		
July	3.05	2.61	2.10	1.48	.62	4.69	2.76	2.71	4.55	3.58		
August	4.27	2.01	0.31	.83	1.30	1.45	.11	4.11	1.87	.16		
September	3.95	1.25	2.28	1.60	4.04	2.64	1.36	2.77	3.23	1.00		
October	.85	3.05	4.12	1.57	3.64	2.05	2.94	3.03	2.64	3.88		
November	3.24	1.19	1.96	2.13	5.21	2.93	1.57	2.57	4.03	5.75		
December	.69	.89	0.33	3.68	2.87	1.44	3.44	3.27	2.31	2.17		
TOTALS	30.91	23.46	24.56	20.55	27.18	29.93	29.68	26.11	31.48	27.04		
	D	D	D	D	D	D	D	D	D	D		

1932. Dwelling House to North. 30' distant (1940)

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931			Bolton-on-Deane	1/2 ml	S	St Andrews Bolton-on-D	1/2 ml	S

Station No. 3161**RAINFALL** at Bolton-on-Deane (Goldthorpe)

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County of West Riding Yorkshire Observer E. Washington Esq.River Basin DonDeane Valley Water Bd. (60)

Type of Gauge.....

Annual Average 24.3 in. based on 3 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. 5File No. 766009/27

Diameter	5"										
Height	1' 6"										
Altitude	93'										4380
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.41	2.08	2.91	2.49	2.08	1.95	1.77	4.53	.43	1.03	599
February	3.49	1.47	1.07	1.69	1.37	2.09	2.63	1.23	.91	4.16	630
March	4.26	1.83	.56	.45	.53	1.29	4.01	.56	1.26	1.19	301
April	1.51	1.03	1.23	1.71	1.49	1.29	1.84	1.13	2.37	2.02	552
May	1.48	2.45	2.01	2.02	3.41	2.45	2.21	1.19	1.25	1.43	387
June	.11	1.07	.82	1.79	2.79	2.79	2.92	2.18	.80	.71	369
July	3.14	2.04	.95	2.35	2.11	2.96	1.78	.93	3.15	1.33	541
August	2.33	3.14	1.91	2.73	2.15	5.86	.58	5.05	1.96	4.12	1113
September	.32	1.30	3.91	3.33	1.03	2.83	.84	1.34	.71	2.87	492
October	2.48	2.14	1.59	2.68	3.24	1.14	.65	1.23	2.87	.77	487
November	3.26	1.49	1.77	3.98	22	4.58	1.25	.95	3.03	3.87	785
December	.56	1.29	1.01	1.86	1.11	2.34	2.50	2.47	2.22	1.87	626
TOTALS	27.35 D	21.34 D	19.74 D	27.08 D	21.53 D	51.57 D	22.98 D	22.79 D	20.96 D	25.07 D	6882

1941 Dwelling Houses 308 N.  
1944 228

Average available probably low. P.R.

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			Bolton-on-Deane	1/2 ml.	S.	St. Andrews.	1/2 ml.	S.

BRITISH RAINFALL ORGANIZATION

Station No. 3161RAINFALL at Bolton-on-Deane (Goldthorpe)

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County of West Riding-Yorks Observer Deane Valley Water Bd.River Basin Don-Don-7

Type of Gauge.....

Annual Average 24.3 in. based on 3 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 766009/27

Diameter ...	5"		086	205							
Height ...	1'6"			1							
Altitude ...	93'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	1.61	1.91	.42	1.46							
February ...	2.56	.33	1.89	2.16							
March ...	2.53	1.57	.66	1.29							
April ...	.72	.99	1.77	.26							
May ...	3.80	1.67	1.78	3.26							
June ...	.85	1.12	1.13	1.59							
July ...	1.87	2.25	2.49	1.60							
August ...	4.64	.87	2.31	5.29							
September ...	1.31	2.02	1.49	1.37							
October ...	1.08	3.68	1.58								
November ...	5.77	1.37	1.53								
December ...	1.70	1.58	1.13								
TOTALS ...	28.44	19.36	18.18	n.p.							

1951. Dwelling houses 82' high S.E. N.

1953. n.p. late but monthly totals compare well with nearby stations.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SE 457035

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1951			Bolton-on-Deane	1/2 m	S.	Bolton-on-Deane	1/2 m	S.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	- w.d. 14	✓ but 24	✓	✓	