

Belmont

40

Bellevue le Mours \*

Henry Baylis

+ Ground <sup>1 ft above</sup> 0.0+ Sea <sup>850</sup> 800 feet

YEAR - -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	MEANS.
January - -				<del>3.00</del> 3.00*	6.30	4.10	7.00	1.90	3.10	9.30	
February - -				1.90	5.90	1.90	2.10	3.30	11.40	3.20	
March - - -				2.70	4.50	4.00	3.30	1.80	5.20	1.50	
April - - -				12.00	1.80	2.90	11.40	2.80	2.80	1.70	
May - - - -				4.40	1.90	1.70	1.90	6.30	2.40	3.10	
June - - - -				5.00	3.30	5.20	2.40	6.30	7.00	1.90	
July - - - -				8.00	3.70	3.90	6.60	1.60	5.70	7.20	
August - - -				4.50	10.00	10.20	5.00	3.70	8.50	6.10	
September -				1.00	6.40	4.10	2.40	9.70	3.70	4.30	
October - -				11.10	3.50	5.00	7.10	7.50	7.80	6.40	
November -				7.40	2.40	4.00	3.70	8.50	4.10	7.20	
December -				2.40	.30	8.00	3.90	8.00	5.00	4.60	
TOTALS -	(64.00)	(77.30)	(55.00)	63.40	50.00	55.00	49.80	61.40	66.70	56.50	(59.90)

\* 13th to 31st

x On sand near Spring Water Lodge Reservoir. Hampden Pastures

Belmont  
Bolton le Moins

Henry Baylis Esq:

+ ground 0.0

+ Sea Level 800 feet

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -	4.00	7.80	7.30	5.90	5.30	1.70	4.10	4.60	3.20	4.00	4.790
February - -	5.10	3.30	9.00	1.70	5.40	1.10	5.50	3.60	1.10	4.50	3.930
March - - -	1.60	5.70	7.0	3.00	2.40	4.20	1.10	3.30	2.70	6.50	3.120
April - - - -	5.60	1.70	7.0	3.80	1.30	2.40	3.70	2.60	3.80	4.80	3.040
May - - - - -	3.00	3.00	3.20	.80	2.70	2.00	3.20	2.30	4.00	7.0	2.490
June - - - - -	2.60	6.40	6.20	3.10	2.50	5.60	5.30	4.80	1.90	2.80	4.120
July - - - - -	6.50	5.00	4.10	7.10	3.70	4.80	3.60	4.30	3.80	2.40	4.530
August - - -	7.90	5.30	6.60	3.70	5.30	4.40	6.20	4.90	4.20	6.50	5.700
September - -	2.90	2.00	3.10	4.20	4.70	1.50	6.00	4.70	5.90	7.30	4.330
October - - -	6.00	7.60	6.00	5.30	4.80	8.90	2.50	2.50	5.00	4.30	5.290
November - -	9.00	3.10	9.20	4.40	6.50	1.50	5.10	2.30	2.50	3.70	4.730
December - -	4.20	2.90	10.50	1.00	10.60	2.80	6.20	3.50	6.60	3.90	5.220
TOTALS -	58.40	53.80	66.60	44.00	53.20	40.90	52.50	43.40	43.70	53.40	51.190

Belmont

Henry Baylis Esq<sup>r</sup>

10: + ground 0.0 + Sea Level 800 ft

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	5.70	1.20	4.20	6.50	3.90	3.80	6.40	5.10	3.00	3.80	4.360
February - -	1.50	3.60	2.30	2.50	3.70	4.80	5.40	5.00	4.30	7.40	4.050
March - - -	4.60	7.20	4.90	2.30	3.20	3.10	3.20	1.80	7.00	1.80	3.910
April - - - -	2.40	2.10	4.10	1.90	2.50	1.80	.80	6.10	2.90	3.90	2.850 -
May - - - -	4.70	1.70	6.10	4.10	4.00	4.00	2.40	2.30	1.80	3.20	3.430
June - - - -	9.20	3.10	5.90	6.10	5.50	.70	5.90	1.70	.70	2.70	4.150
July - - - -	2.10	6.30	5.40	2.20	2.70	3.70	6.10	7.20	.60	1.80	3.810
August - - -	9.90	6.50	6.00	6.30	4.10	7.40	6.90	2.50	5.40	4.60	5.960
September -	4.00	9.20	5.40	11.90	6.30	.80	10.30	4.70	2.50	9.90	6.500 +
October - -	7.60	2.40	8.50	7.80	2.80	6.10	4.00	6.80	9.10	6.70	6.480
November -	4.00	8.30	2.80	8.20	5.70	4.60	9.20	1.80	4.40	7.30	5.630
December -	4.10	4.10	6.30	6.20	3.80	1.80	7.50	7.20	11.50	5.30	5.700
TOTALS -	59.80	55.70	61.90	66.00	48.20	42.60	68.10	52.20	53.20	58.40	56.610

$\frac{1}{2}$   $\frac{1}{2}$   $\frac{1}{2}$   $\frac{1}{2}$   $\frac{1}{2}$   $\frac{1}{2}$   $\frac{1}{2}$   $\frac{1}{2}$   $\frac{1}{2}$   $\frac{1}{2}$   $\frac{1}{2}$

59 = 53.40



# RAINFALL AT Belmont

Lat..... Lon..... County of Lancashire  
H. J. Wiggley  
 Rain Gauge, by..... Observer R. H. Swindlehurst

Diameter.....	10	.	6								
Height.....	8.0	.	9								
Altitude.....	800.0	.									
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	4.00	7.80	6.50	6.20	6.80	6.70	3.90	8.50	6.90	2.20	5.360
February.....	1.60	4.30	4.50	1.50	2.40	1.80	6.20	9.20	2.30	4.50	3.830
March.....	3.60	1.90	6.50	4.50	7.30	1.50	5.80	5.20	4.20	3.20	4.370
April.....	2.60	4.30	3.20	.90	2.30	1.50	3.50	3.40	3.80	2.10	2.760
May.....	2.10	2.30	3.50	3.70	2.40	3.20	1.20	4.30	6.20	3.30	3.220
June.....	4.20	<del>3.50</del> 3.90	7.40	3.00	1.30	5.30	4.30	4.00	4.00	6.50	4.350
July.....	2.10	6.90	5.20	7.50	5.50	7.10	5.00	10.40	2.20	8.10	6.000
August.....	4.80	2.10	4.50	6.80	9.40	4.40	7.10	6.80	7.30	10.00	6.320
September.....	4.10	4.80	9.70	3.20	6.00	6.90	5.70	4.30	8.70	4.70	5.810
October.....	14.20	7.50	7.40	7.50	9.00	8.00	4.30	8.10	7.40	5.80	7.920
November.....	4.60	2.00	4.90	5.40	8.60	6.70	5.60	9.20	3.50	1.80	5.230
December.....	4.10	5.00	4.40	2.40	4.70	2.80	8.80	8.30	4.10	2.80	4.740
TOTALS.....	52.80	<del>46.40</del> 46.40	67.50	52.60	65.20	55.90	61.40	81.70	60.60	55.00	59.910

1871 Correction sent by R. H. Swindlehurst  
 June 28th 1880

# RAINFALL AT *Bollon, Belmont* - 80

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_ County of *Lancashire*

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

Observer *P. H. Swindhurst, Esq.*  
C.E.

*Inwell. 3*

Diameter ....	6											
Height .....	9											
Altitude ....	800											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	2.50	1.50	5.10	7.40	6.50	4.30	9.10	2.90	3.40	2.80	4.550	
February ....	4.10	8.50	4.00	4.50	4.70	5.10	1.30	2.30	2.10	4.30	4.090	
March .....	3.00	6.00	6.70	1.70	3.30	3.80	4.60	2.90	4.10	3.30	3.940	
April .....	3.10	2.30	6.70	2.70	1.40	2.90	3.40	2.80	3.10	3.10	3.150	
May .....	3.20	6.10	3.50	1.20	3.30	2.60	5.20	3.50	1.20	4.40	3.420	
June .....	4.60	3.30	9.90	5.30	1.10	5.50	4.10	1.30	3.30	1.00	3.940	
July .....	6.90	7.40	8.10	4.70	6.40	3.00	6.50	2.00	10.20	5.20	6.040	
August .....	2.60	9.60	7.80	4.50	2.30	3.70	4.00	2.40	6.30	9.90	5.310	
September ....	7.10	3.30	3.50	9.10	5.40	7.90	5.70	8.50	3.60	7.30	6.140	
October .....	3.40	4.80	5.20	7.50	4.90	7.90	6.50	3.70	3.40	4.70	5.200	
November ....	7.50	6.20	10.70	5.70	2.50	5.70	4.60	2.50	9.20	3.30	5.790	
December ....	10.20	9.20	5.50	6.90	7.80	4.40	8.20	4.10	3.50	6.70	6.650	
TOTALS ....	58.20	66.20	76.70	61.20	49.60	56.80	63.20	38.90	53.40	56.00	58.220	

*Annual value rejected from Survey (6" high).*

# RAINFALL AT Bolton Belmont

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of Lancashire

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

Observer R. H. Swindlehurst Esq. C.E.

Inwell 3

Diameter ....	6										
Height .....	0 9										
Altitude ....	800										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	7.70	3.50	5.70	2.30	4.40	3.80	2.90	1.90	5.70	8.01	
February ....	1.20	.80	4.00	6.90	7.40	.50	2.20	4.50	4.60	2.26	
March .....	5.90	3.10	1.20	2.30	5.40	5.50	7.60	5.20	3.20	3.54	
April .....	2.20	2.20	2.50	.80	2.40	2.90	2.80	4.00	2.40	6.47	
May .....	3.20	4.20	4.90	2.50	4.50	1.80	1.00	3.40	4.30	3.76	
June .....	4.90	3.30	4.80	3.80	4.90	3.30	4.80	6.50	4.40	1.38	
July .....	5.60	6.30	3.80	3.90	6.30	6.80	3.80	2.90	2.10	4.60	
August .....	7.10	13.10	6.80	5.30	8.10	6.20	4.20	7.60	8.80	2.03	
September...	3.60	5.00	7.40	8.60	.60	2.80	11.50	7.00	2.40	8.27	
October .....	7.00	6.70	6.30	6.70	4.90	6.70	6.80	3.30	5.00	4.72	
November...	13.70	5.90	4.50	5.10	5.30	4.60	2.10	4.60	5.60	3.23	
December ...	1.00	9.50	5.20	6.50	6.30	5.80	8.20	8.10	6.50	4.44	
TOTALS ...	63.10	63.60	57.10	54.70	60.50	50.70	57.90	59.00	55.10	52.68	(57.638)

1899 *In continued*  
" *new gauge used*

*Annual value reported from survey (6" high)*



# RAINFALL AT

*Bolton Belmont*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of

*Lancashire*

*Inwell 3*

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

Observer

*R. H. Smith Lehurst Esq C.E.*

*New Gauge*

Diameter ....				5							
Height .....				10							
Altitude ....				800							
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....				# 2.71	4.23	3.90	2.77	1.85	5.39	8.01	
February ....				7.25	7.05	.42	2.14	4.42	4.45	2.26	
March .....				2.02	5.20	5.54	9.43	5.39	3.21	3.51	
April .....				.62	2.34	2.84	2.69	3.88	2.27	6.47	
May .....				2.32	4.59	1.76	.89	3.30	4.11	3.76	
June .....				3.72	4.75	3.21	4.66	6.50	4.20	1.38	
July .....				3.87	6.09	6.76	3.86	2.94	2.10	4.60	
August .....				5.43	7.78	6.19	4.09	7.53	8.69	2.03	
September....				8.01	.51	2.60	11.12	6.96	2.23	8.27	
October .....				6.60	4.84	6.54	6.84	3.38	4.87	4.72	
November....				5.38	5.37	4.39	2.08	4.55	5.42	3.23	
December ....				6.34	6.22	5.68	7.91	8.01	6.51	4.44	
TOTALS ...				54.27	58.97	49.83	58.48	58.71	53.45	52.68	

# RAINFALL AT *Bolton Belmont*

Lat. ....

Lon. ....

County of *Lancashire South*

*Snowdon* Rain Gauge, by *Casella*

Observer *R. H. Swindell Esq. Ch.*

*Levi Mitchell Esq. Ch.*

*Jewell 3*

Diameter ..	5										
Height ....	0 9							1 0			
Altitude ..	800										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	8.01	3.68	6.36	4.45	4.92	2.97	8.23	2.58	5.23	3.33	4.979
February ..	4.38	2.62	2.27	5.45	4.81	3.91	4.59	2.78	5.89	3.10	3.980
March ....	.95	4.97	3.59	5.57	2.92	4.71	4.68	5.12	4.29	4.12	4.092
April .....	3.81	3.72	3.35	2.93	3.54	4.95	3.24	3.03	2.88	4.51	3.596
May .....	2.31	1.48	4.67	4.91	3.21	.92	4.80	5.32	4.42	3.61	3.565
June .....	3.85	2.46	1.94	2.15	2.34	2.80	2.85	11.40	2.57	3.68	3.604
July .....	3.20	2.52	5.55	4.76	2.20	3.38	3.02	4.74	7.13	8.78	4.528
August ....	6.24	3.97	4.28	8.19	5.62	5.83	5.60	6.90	4.72	4.10	5.545
September ..	4.04	1.63	2.61	6.60	2.53	4.10	2.57	1.76	5.89	4.37	3.610
October .....	8.12	5.53	6.36	11.48	3.80	5.82	8.42	4.30	2.66	8.37	6.486
November ..	6.79	7.00	4.18	5.26	5.17	6.13	5.15	4.74	4.82	2.68	5.192
December ..	7.30	5.82	4.11	3.46	3.93	1.49	6.59	5.55	4.23	8.80	5.123
TOTALS ..	59.00	45.40	49.27	65.24	44.99	47.01	59.74	58.22	54.73	59.45	54.305

1906 Belmont Church

NEW

Hills

+ Inspected

Annual values repeated from Survey (6 high)



RAINFALL at Bolton BelmontCounty of South LancashireObserver Levi Mitchell Esq C.E.River Basin Murray Inwell 3Snowdon Rain Gauge, by \_\_\_\_\_

Diameter ...	5										
Height .....	9		10								
Altitude ...	800										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	6.98	1.92	4.74	6.16	3.90	7.91	4.99	4.32	5.04	6.31	
February ...	5.65	6.44	2.34	2.14	3.28	6.00	5.45	2.13	7.11	1.30	
March .....	1.13	3.19	8.72	5.93	6.76	2.85	2.18	3.58	2.64	8.32	
April .....	5.01	5.22	1.33	6.35	1.88	3.00	6.03	2.85	1.44	3.47	
May .....	4.83	2.56	3.00	4.77	3.40	1.87	3.11	2.22	2.99	2.03	
June .....	3.96	4.75	7.49	3.51	2.35	2.09	4.51	2.63	3.44	3.11	
July .....	6.43	.34	6.40	1.52	6.13	4.94	3.02	3.10	4.35	1.95	
August .....	7.90	3.33	10.72	2.90	4.11	7.84	4.02	9.54	5.74	8.46	
September ..	.78	5.07	3.99	2.38	5.09	1.11	4.64	3.69	16.57	3.43	
October ...	4.14	3.66	6.73	2.60	3.82	2.36	10.35	11.44	6.50	3.25	
November ..	8.12	6.81	4.72	6.11	6.87	2.16	3.67	8.37	3.83	4.79	
December ...	6.33	10.19	5.37	4.12	7.92	11.06	3.86	3.57	12.69	9.88	
TOTALS ...	61.26	52.48	65.55	48.49	55.51	53.19	55.83	57.44	72.34	53.30	57.529
	D	D	D	D	D	D	D	D	D	D	

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	53.3731°N	2.27.59°W	Bromley Cross	3 MI	SE	St. Peter's, Belmont	1½ mi	N.W.

RAINFALL at Bolton Belmont Reservoir N°1County of LancashireObserver J. H. Swales Esq. C.E.River Basin Mersey-Tuwell &Bolton 4500 Eng.Snowdon Rain Gauge, by Cassella  
H.O. (126)

1930 J.P. Ainsworth C.E. (acting)

Diameter ...	5											
Height .....	1	0										
Altitude ...	800											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	MEANS.
January ...	5.54	9.19	5.14	6.32	4.35	3.87	6.29	7.19	13.89	2.86		6.91
February ...	4.55	8.2	6.15	8.09	1.75	8.48	5.71	2.58	6.52	1.69		5.4
March .....	5.22	4.19	3.67	2.11	2.12	3.16	3.10	8.91	3.48	2.19		3.25
April .....	6.73	2.87	2.65	3.92	2.56	3.19	2.08	4.67	1.46	1.66		2.89
May .....	8.02	3.67	2.51	5.29	7.20	8.66	4.85	2.04	1.57	3.72		3.33
June .....	2.96	5.74	0.2	1.94	3.63	1.5	2.73	6.52	7.97	2.41		3.08
July .....	8.27	2.44	5.33	6.14	6.21	2.52	4.43	5.36	4.21	4.60		6.79
August .....	3.57	7.26	6.23	6.86	11.31	5.36	6.05	7.45	7.47	7.51		8.86
September...	3.83	1.97	5.97	6.81	5.82	5.90	5.34	7.68	1.37	2.87		4.38
October .....	1.55	3.81	8.3	8.46	6.61	6.47	4.50	5.81	7.58	9.49		8.73
November...	2.59	4.03	5.21	7.83	3.56	4.88	8.26	6.49	8.53	10.37		8.39
December...	4.02	3.53	7.01	6.91	6.69	4.06	3.03	1.66	4.32	8.63		5.14
TOTALS...	56.35	49.35	54.72	70.68	61.83	53.70	56.37	66.36	68.67	57.85		62.29
	D	D	D	D	D	D	D	D	D	D		D

IX/28 Inspected by Mr. Colson see green file  
Probably sheltered by growth of moss by plantation

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
1920	53° 37' 31"	2° 27' 59"	Bromley Cross	2 1/2 mi	W	St. Peter's	1 1/2 mi	NW

RAINFALL at Bolton W.W. Belmont Springs No. 2County of LancashireObserver Mr. J. K. Davies, C.E.River Basin Mersey, Irwell &...Bolton Corporation W.W.Rain Gauge, by 1930. P. J. Cunnworth, Esq. C.E.

Diameter										5	
Height										1'	
Altitude										810'	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January										2.61	695
February										1.67	58
March										2.18	326
April										1.71	290
May										3.78	341
June										2.50	312
July										4.64	694
August										7.61	939
September										3.00	447
October										9.67	917
November										10.51	879
December										6.97	526
TOTALS										69.63	58.68

1929 Overexposed.

1928 copied from f. 7419/8/27

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



## RAINFALL at Bolton W.W. (Springs Reservoir)

County of South LancashireObserver Bolton Corp. W.W.River Basin Mersey-Innall-3

Type of Gauge

Annual Average 53.9 in. based on 37 years obs. un-weighted. Period of average 1881-1915 Ref. S

74/9/5/27

Diameter	5.										
Height	1.0.										
Altitude	300.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January											
February											
March											
April											
May											
June											
July											
August											
September											
October											
November											
December											
TOTALS	N.R.	H									

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

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

RAINFALL at Bolton W.W. (Springs) No. 2County of South LancashireObserver Bolton Corp. W.W.River Basin Mersey-TwellsType of Gauge SnowdonAnnual Average 54.5 in. based on 3 years obs. unweighted. Period of average 1881-1915 Ref. S

74.1918/27.

Diameter	5.											
Height	1.0.											
Altitude	810.							800		810		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals	
January	10.00	6.65	3.40	4.82	4.73	5.83	4.62	7.02	6.73	3.81	57.66	
February	7.25	1.5	5.42	5.7	8.76	3.29	8.21	2.54	6.54	3.67	46.10	
March	6.9	4.16	3.54	3.56	2.27	3.76	2.19	2.65	2.82	3.81	29.45	
April	4.99	4.61	2.28	3.72	4.50	1.35	5.11	1.09	3.60	4.65	35.90	
May	3.14	5.59	2.35	4.91	1.77	1.26	2.50	5.35	1.89	.95	29.71	
June	7.65	1.03	3.60	3.03	5.28	4.75	2.68	5.91	4.49	1.30	39.72	
July	6.04	4.82	4.04	3.39	3.04	7.01	3.13	6.64	9.47	6.61	54.19	
August	7.05	1.89	3.78	7.46	2.51	4.43	3.62	5.16	2.28	3.56	41.74	
September	4.91	7.41	1.07	4.66	9.17	7.08	2.54	3.25	1.84	6.38	50.31	
October	3.74	11.10	5.87	9.04	13.91	6.22	2.72	13.22	2.84	5.48	74.14	
November	10.57	4.91	3.11	3.04	6.09	8.61	2.15	7.23	9.11	9.39	64.26	
December	3.48	2.86	8.9	8.17	5.27	6.17	3.60	6.71	4.57	7.87	49.59	
TOTALS	69.51	57.18	39.35	56.37	67.30	59.81	43.07	66.82	56.18	57.48	573.07	
	D	D	D	D	D	D	D	D	D	D	D	

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
1931			Bromley Cross.	2 1/2 m.	ESE	Belmont	1 1/2 m.	NW

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

Station No. T.F. 2869RAINFALL at Bolton W.W. (Springs) N°2

41

County of South Lancashire Observer Bolton Corps. W.W.River Basin Mersey - Irwell - 3Type of Gauge StandardAnnual Average 54.5 in. based on 3 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. SFile No. 24918/2

Diameter	5"			562	340						
Height	1'0"				1						
Altitude	810'			41		800'			800'		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means 1881-1915
January	1.66	7.32	7.14	7.74	5.08	6.40	5.07	11.95	4.66	5.45	62.47
February	6.94	2.42	4.35	3.38	6.95	8.23	.85	3.48	3.55	6.53	46.68
March	4.10	4.44	1.51	.99	2.09	1.19	3.01	2.26	3.15	3.38	31.12
April	2.73	2.55	3.79	3.58	2.99	1.55	4.31	2.95	4.76	4.98	34.19
May	3.43	4.46	3.78	4.90	4.76	1.60	2.11	2.36	4.66	2.42	35.48
June	.73	.83	5.80	4.64	6.23	4.44	3.31	8.31	1.39	3.63	39.31
July	2.84	7.58	4.24	4.96	3.74	5.03	4.05	3.73	3.34	5.94	45.45
August	9.47	7.20	10.33	4.21	4.14	9.41	.27	6.92	3.84	8.78	64.57
September	1.70	4.53	5.93	8.01	4.27	10.03	4.43	4.41	3.33	11.65	58.29
October	6.39	10.85	5.13	7.19	7.35	1.82	1.16	5.13	5.37	4.36	54.75
November	3.60	1.75	5.82	8.70	1.02	9.06	7.16	3.27	7.72	8.54	56.64
December	4.04	6.40	3.66	5.64	4.36	5.50	5.38	5.66	8.32	5.18	54.14
TOTALS	47.63 D	60.33 D	61.48 D	63.94 D	52.98 D	64.26 D	47.11 D	60.43 D	54.09 D	70.84 D	583.09

December 1947. Engineer states 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			Bramley Cross	2 1/2 m.	ESE	Belmont	1 1/2 m.	N.W.

BRITISH RAINFALL ORGANIZATION



Station No. 2869No. 36**RAINFALL** at Bolton M.M. (Grange) No. 2

51

County of S. LancashireObserver Bolt Bolton M.M.Coprahan WaterworksRiver Basin Murray - Luvell 3Type of Gauge ShawdonAnnual Average 54.5 in. based on 3 years obs. un-weighted. Period of average 1881-1915 Ref. S" " 59.26 " " 29 " " within 1928-57. " " 1916-50File No. 744918/27

Diameter ...	5"			562	340							
Height ...	1' 0"				1							
Altitude ...	800'	810'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January ...	6.23	6.39	3.01	6.07	3.70	7.34	5.08	4.79	3.83	8.02	54.46	
February ...	4.10	2.27	1.91	4.38	2.74	1.35	3.80	9.63	1.12	4.26	35.56	
March ...	6.56	3.33	3.05	3.67	2.32	2.29	4.96	2.83	2.66	1.70	33.87	
April ...	3.06	4.72	4.13	1.36	4.29	3.57	.98	2.14	3.98	3.44	31.67	
May ...	2.98	2.96	3.23	3.31	5.58	2.51	2.85	5.99	2.13	3.00	34.54	
June ...	1.67	5.64	2.95	5.69	4.39	3.65	3.15	5.30	3.15	1.94	37.53	
July ...	4.39	3.88	7.38	10.64	1.47	8.06	8.93	4.90	7.01	11.44	68.10	
August ...	6.04	6.25	6.68	8.41	2.13	15.86	8.93	6.37	.72	7.00	68.39	
September ...	4.34	5.79	6.00	6.74	6.18	5.20	11.52	6.07	.52	4.43	56.79	
October ...	1.15	6.22	2.58	11.17	3.30	4.48	9.12	6.00	6.73	5.94	56.69	
November ...	10.78	3.78	6.93	8.83	3.27	2.65	2.94	2.99	6.53	9.36	57.96	
December ...	12.64	6.24	2.66	9.74	7.90	5.36	7.44	5.59	9.98	6.90	74.45	
TOTALS ...	63.94	57.47	50.51	80.01	47.27	62.22	69.70	62.60	48.36	67.43	609.51	
	D	D	D	D	D	D	D	D	D	D		

Ins. 6.10 53. Slight leak in meter can. Good site. 12' pipe 10' ESE  
 Signs taken in can repaired 21.10.53.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SD692 142

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Bromley Cross	2 1/2 m E. S. E	Belmont	1 1/2 m. N. W

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C1928	✓	✓	
		429	✓	✓	