

# RAINFALL AT

Blisworth

Lat.  $52^{\circ} 11' 23''$  N

Lon.  $0^{\circ} 56' 45''$  W

County of Northampton

Rain Gauge, by

Observer

J. W. Millner Esq

Rio. 0.0. 4.

Diameter . . .						5						
Height . . . .						16						
Altitude . . .						300 $\pi$						
Year . . . . .	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January . . .						2.15	.88	2.26	.76	2.60		
February . . .							.45	2.60	.64	1.46		
March . . . . .						3.18	2.37	3.27	.81	.94		
April . . . . .						.27	.92	1.36	1.76	2.15		
May . . . . .						.15	.22	.73	3.49	1.64		
June . . . . .						.08	2.07	2.24	.74	1.33		
July . . . . .						2.36	.66	.17	1.04	.98		
August . . . .						2.67	2.11	3.81	2.19	.97		
September . . .						.91	4.77	2.48	.60	2.57		
October . . . .						2.58	3.73	1.53	2.30	2.17		
November . . .						4.03	.80	.97	2.20	2.02		
December . . .						1.52	3.09	2.74	2.27	1.27		
TOTALS . . . .						19.90	22.07	24.16	18.80	20.10		

1895 Blisworth church  $1\frac{1}{4}$  mile S.E.

# RAINFALL AT Blisworth

Lat. ....

Lon. ....

County of Northampton

Rain Gauge, by .....

Observer T. W. Millner Esq

Rise Dis H

Diameter ..	5										
Height ....	1 6										
Altitude ..	300 <del>K</del>										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	3.16	.86	.61	1.95	2.41	.68	3.74	.91	1.12	.88	1.627
February ..	4.41	1.25	1.39	1.06	3.79	.59	1.98	1.23	.84	.45	1.699
March ....	.49	1.90	1.17	2.67	1.43	2.56	1.11	1.06	3.08	2.34	1.781
April .....	.67	2.21	1.21	1.77	.95	1.53	.51	2.03	2.36	1.56	1.580
May .....	1.63	1.31	1.55	2.80	2.12	.78	1.37	4.07	1.76	1.19	1.853
June .....	2.65	1.35	2.30	3.72	.38	3.24	3.15	1.82	1.58	2.99	2.313
July .....	1.80	1.93	1.91	2.64	2.61	.67	1.56	2.54	1.94	2.85	2.045
August ....	3.20	1.44	1.80	3.22	2.19	2.87	.99	1.80	3.02	2.61	2.314
September..	.60	1.43	1.47	2.51	1.92	1.26	.94	.56	1.70	2.72	1.511
October....	1.69	1.34	1.87	5.95	.73	.88	3.62	4.22	1.20	2.84	2.434
November..	1.68	.74	1.56	1.50	1.35	2.42	3.17	1.81	.87	.73	1.583
December ..	2.86	2.99	1.34	1.03	1.43	.82	1.91	3.38	1.53	3.68	2.097
TOTALS ..	24.84	18.75	18.18	30.82	21.31	18.30	24.05	25.43	22.00	24.79	22.84

11

12

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16

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11/13

## RAINFALL at

Blisworth

County of Northamptonshire

Observer

J. W. Miller Esq

River Basin

None

4

Smeaton

Rain Gauge, by

Diameter ...	5											
Height .....	1.6											
Altitude ...	300 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	2.08	.72	3.57	3.48	.73	2.41	1.22	1.64	2.23	3.53		Total 16.78 8.62
February ...	2.73	1.15	1.95	.71	1.53	2.58	3.38	1.11	.90	2.50		7.89
March .....	.64	1.57	2.61	2.62	2.54	1.01	3.83	1.71	.45	3.71		9.70
April .....	1.60	.99	.07	2.48	.66	.79	1.21	1.71	2.60	1.88		7.40
May .....	1.94	2.42	1.93	1.85	.89	2.02	1.47	2.21	2.10	1.06		6.84
June .....	1.55	1.11	3.19	.48	2.59	.20	1.82	1.92	.48	1.05		5.27
July .....	1.75	.39	2.93	1.02	2.16	3.63	2.04	2.31	2.95	2.56		9.86
August .....	2.18	.98	7.20	.60	1.29	1.68	2.68	6.27	.73	2.25		11.93
September ...	.48	1.09	1.12	2.09	.98	1.63	.60	1.83	4.01	1.38		7.82
October ...	2.60	1.70	2.48	4.55	1.81	1.50	2.30	3.01	1.43	1.55		8.27
November ...	3.56	2.30	1.72	2.55	2.25	2.36	3.44	.85	1.99	1.56		7.84
December ...	5.18	4.32	3.17	.92	4.93	4.36	2.85	.80	2.73	3.86		10.24
TOTALS ...	26.29	18.74	31.94	23.25	22.36	24.17	26.84	25.37	22.60	26.89		101.70
	T	T	T	T	T	T	T	T	T	T		101.70

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	52° 11' 23" N	0° 56' 48" W	Blisworth	1/4 m 1/2 mile	SE NW			



RAINFALL at Bleisworth (Grand Junction Canal)County of Northamptonshire Observer J. W. Millner EsqRiver Basin Nene Embsay (Bleisworth)Snowdon Rain Gauge, by G. F. Harlow.  
Grand Union Canal Co.

Diameter ...	5"											
Height .....	1 6'	1.0										
Altitude ...	300'	299'							299		300	
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del>	
												Totals.
January ...	2.45	2.44	3.15	1.07	2.56	1.11	3.13	2.10	3.47	1.33	2.76	25.54
February ...	.68	.24	2.17	4.16	.53	2.98	2.75	3.01	1.98	.42	0.55	17.57
March .....	1.89	.76	1.59	1.91	.90	.62	.74	1.65	1.42	.07	1.54	13.09
April .....	4.63	1.24	3.06	2.13	2.74	1.37	2.66	1.76	1.21	1.49	2.02	24.31
May .....	1.29	1.07	1.32	1.27	4.75	2.25	2.44	.97	.76	1.21	3.16	20.49
June .....	2.75	.41	.93	.43	1.77	.03	2.05	3.75	3.06	.87	0.78	16.83
July .....	3.24	.35	5.43	2.58	3.28	2.88	1.65	2.75	2.85	1.20	2.72	28.88
August .....	.74	1.92	4.79	1.46	2.73	1.35	1.20	2.74	1.71	1.12	1.74	21.50
September...	1.67	1.13	2.04	2.26	2.78	3.26	1.47	4.65	.68	.38	3.16	23.48
October .....	1.05	1.06	.71	3.29	3.21	3.09	2.07	1.60	3.53	2.71	1.23	23.55
November...	1.63	2.16	1.23	1.67	2.33	1.68	3.62	2.52	3.15	5.91	3.09	28.99
December...	2.04	1.50	3.15	2.65	3.01	2.19	.33	2.51	2.16	5.00	1.97	26.51
TOTALS...	24.06	14.25	29.57	24.88	30.59	22.76	24.11	30.01	25.98	21.71	24.72	272.74
	D	D	D	D	D	D	D	D	D	D	D	1928

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
1920	52° 11' 23"	0° 56' 45"	Bleisworth	1/2 mi	N.W.			

RAINFALL at *Blisworth*County of *Northamptonshire* Observer *St. D. Jefferson*River Basin *Vene 4*B.A. Rain Gauge, by *Losella*

Diameter ...	5										
Height .....	1.0										
Altitude ...	275						300				
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	2.76	3.25	1.15	2.53	1.04	3.13					
February ...	3.0	2.36	4.16	.60	2.03	2.59					
March .....	.73	1.72	2.09	.93	.53	.50					
April .....	1.31	3.50	2.18	2.77	1.38	2.43					
May .....	1.23	1.46	1.49	4.79	2.52	2.70					
June .....	.41	1.11	.52	1.78	.03	2.15					
July .....	.55	5.83	2.64	3.40	2.60	1.72					
August .....	1.93	5.06	1.73	2.55	1.41	1.30					
September...	1.13	2.04	2.17	2.90	3.55	1.56					
October .....	1.14	.82	3.37	3.51	3.16	2.07					
November...	2.23	1.14	1.81	2.48	1.69	3.60					
December...	1.59	3.16	2.77	3.10	2.32	.40					
TOTALS...	14.71	31.45	26.08	31.34	23.26	24.15	unavailable NR.	#	Has no suitable site now File 323762/28		

1921. ridge 4 ft. 12 ft. S.W.

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
1921.	52° 10' 46"	0° 56' 13"	Blisworth (approx. 100 yds. S.W. from Blisworth Station)					

RAINFALL at Blisworth (Grand Junction Canal)County of NorthamptonshireObserver Grand Union Canal Co.River Basin Nene - 4Type of Gauge Smythson Glaisher (1939)Annual Average \* in. based on years obs. un-weighted. Period of average Ref. 979022 28

Diameter	5.											
Height	1.6.											
Altitude	300.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	1.17	1.68	1.35	1.77	.76	3.80	3.99	2.62	4.80	2.38	24.32	
February	2.30	.14	2.36	.49	2.54	1.99	3.27	.77	.90	1.99	16.75	
March	.10	1.66	2.98	1.86	.27	1.60	3.04	.26	1.73	2.41	15.91	
April	3.65	2.81	.71	1.68	3.95	1.67	3.63	.10	2.43	1.91	22.54	
May	2.68	5.48	1.43	.72	1.82	.82	3.88	1.74	1.27	1.21	21.05	
June	1.63	.81	2.14	2.10	6.07	3.42	1.61	1.16	2.26	.52	21.71	
July	3.11	2.00	1.77	1.82	.44	5.18	1.74	1.94	4.41	3.31	25.72	
August	2.70	2.49	.80	1.87	1.92	.38	1.70	4.25	4.78	.07	20.96	
September	2.26	2.42	1.72	2.19	4.30	2.80	1.33	1.61	.83	.61	20.07	
October	.46	3.39	2.02	1.17	3.73	1.85	2.76	3.33	7.19	3.01	28.91	
November	2.61	1.65	1.35	2.01	3.91	2.49	1.43	2.91	3.52	6.22	18.10	
December	.85	.52	.32	4.97	3.13	1.87	2.04	2.86	1.46	.98	19.00	
TOTALS	23.52	25.05	18.95	22.65	32.84	27.87	30.42	23.55	35.57	24.62	265.04	22.92

\* average obtained from 40 years 1895-1934 registered as 1" low. (see file)

1936 Wall 8' high, 20 yds N.E. House 35' high, 20 yds S.W. Wall 8' high, 10 yds S.E. House 25' high 15 yds N.W.  
 1937 Alder bushes 15' high 20-25' E & S.W.  
 1940 Jan corr. for snow.

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
1937.			Blisworth	1 1/2 mls.	S.E.	Fayton	2 mls.	W.

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



Station No. 1103

RAINFALL at Blisworth (Grand Union Canal)

41

County of Northamptonshire Observer Grand Union Canal Co.River Basin Hene - 4 Ducks & Inland WatershedsType of Gauge Glaisher B.A. (1945)Annual Average  $\frac{x}{y}$  in. based on 23.8 x years obs. un-weighted. Period of average 879.222/28 Ref.

Diameter	5"				159	147						
Height	1' 6"		4' 6"			1						
Altitude	300'		296'			41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.79	2.57	4.04	1.62	1.24	2.00	1.28	4.80	1.07	.61		Totals 22.02
February	1.49	.77	1.17	.80	1.66	2.28	1.12	1.28	1.36	4.84		16.77
March	2.66	1.41	.86	.11	.69	1.39	5.89	1.04	1.62	.99		16.66
April	1.80	.59	.75	1.80	.95	1.71	2.22	1.53	1.81	2.21		15.37
May	2.31	3.21	2.05	.97	2.32	2.32	1.08	4.95	3.07	3.07		25.35
June	1.07	.70	1.89	2.48	2.14	2.74	1.66	2.28	.81	2.48		18.25
July	3.69	1.93	.95	1.65	2.08	1.62	3.14	1.93	.68	4.30		21.97
August	4.61	2.69	1.95	2.18	1.78	4.62	.03	3.89	.68	2.03		24.46
September	.31	.76	1.54	2.72	2.38	3.63	1.29	2.72	1.60	3.31		20.26
October	2.24	2.92	2.21	3.48	3.71	1.32	.37	3.96	5.26	1.59		27.06
November	2.60	2.48	1.04	3.20	.35	5.62	1.69	1.64	3.11	4.46		26.19
December	1.09	2.28	1.09	1.40	3.22	2.25	2.91	3.77	1.60	1.28		20.89
TOTALS	26.66	22.31	19.54	22.41	22.52	31.50	22.68	33.79	32.67	31.17		255.25

1945 W. 8" high 10 yds. S.E.

x. used in General Tables. Origin unknown

\* Average obtained from 40 yrs. 1895-1934 rejected as 1" low (see file)

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			Blisworth	800 yd.	S.E.	Gayton	1776 yd.	W.S.W.

Station No. 1103

RAINFALL at Bloxworth (Grand Union Canal)

51

County of NorthamptonObserver Duke & Island WaterwaysRiver Basin None - 4BRITISH WATERWAYSType of Gauge 1.8 1011 (12/60)

Omitted 1955

Annual Average 23.8 in. based on years obs. un-weighted. Period of average

Ref.

Origin unknown

1916-50

File No. 879022/28

" " 25.53 " " 41 " " within 1916-58 " " "

Diameter in.	5			159	147					5"	
Height ft. in.	4 6				1					4'6"	
Altitude ft.	296				51					296'	
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means- T.A.M.
January	2.85	1.57	1.00	.86	1.52	3.23	1.50	2.96	3.44	3.48	23.41
February	3.65	.89	1.60	2.01	1.16	.30	2.48	3.05	.03	1.93	17.60
March	4.34	2.08	.76	2.73	1.75	.82	2.04	1.74	3.06	1.21	20.53
April	3.49	1.64	1.70	.32	.68	1.05	.44	.72	2.56	.65	13.25
May	2.90	3.87	1.20	2.70	3.85	.28	1.72	1.90	.38	1.56	20.36
June	.69	2.87	1.87	2.37	2.50	3.33	2.24	4.34	1.12	3.02	24.35
July	1.16	.29	1.91	2.91	.20	5.36	3.21	2.64	1.95	3.49	23.12
August	4.39	2.66	2.83	3.19	.35	3.22	1.94	2.58	1.42	3.64	26.22
September	1.75	1.55	1.46	2.30	1.49	2.10	4.33	2.57	.08	3.48	21.11
October	.87	2.79	2.23	2.06	1.71	1.45	1.86	2.16	1.76	5.09	21.98
November	5.74	1.96	1.36	5.34	1.70	.68	1.62	1.94	2.02	3.27	25.63
December	1.96	2.55	.66	1.99	1.83	2.92	2.68	2.81	4.54	2.67	24.67
TOTALS	33.79	24.22	18.58	28.78	18.74	24.74	26.06	29.47	22.36	33.49	261.23

1957:- Building 15' 4.5' S.E.

Inspected 11.11.60 by G.H.H. Inspector. No structural exposure on top of wall. o/c N.W.-S.S.W. Satisfactory alternative available 3 yards E. of funnel leaks and new g. rec.

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference <sup>SP41</sup> 720550

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Bloxworth	800 yds. SE.	Gayton	766 yds. SW.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

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