

RAINFALL AT

Bourne Githam

Lat.

Lon.

County of S Lincolnshire

Rain Gauge, by

Observer F. L. Robins Esq C.E.

Welland - 2.

Diameter ..								8			
Height								1 6			
Altitude ..								19			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..								.28	.59	.40	
February ..								.69	.71	.14	
March ....								.94	1.58	1.51	
April								1.69	1.56	1.21	
May								2.63	1.66	1.05	
June								1.21	1.12	3.39	
July								2.36	2.00	2.61	
August								2.25	1.94	1.44	
September ..								.83	1.81	1.32	
October								2.76	1.02	2.59	
November ..								1.75	.77	.44	
December ..								2.27	.87	2.95	
TOTALS ..								19.66	15.63	19.05	

1907 Spalding Church } 5 miles E
 Bourne " } W
 Counter Drain Station 1 " S

RAINFALL at Bourne GuthramCounty of LincolnshireObserver F. J. Robins Esq. C.E.River Basin Welland 2

Rain Gauge, by _____

Diameter ...	8		5		8							
Height	1.6											
Altitude ...	19											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS
January ...	.96	.89	1.75	1.49	1.10	1.61	.90	1.45	1.49	2.62		12.79
February ...	1.81	.64	.99	.56	.71	1.54	2.22	.64	.98	1.74		6.46
March .....	.49	1.06	1.44	2.42	2.19	.90	3.14	.73	.51	2.15		6.53
April	1.57	.58	.09	1.50	.81	.36	1.01	1.01	1.42	1.55		4.99
May	2.61	.53	3.45	2.51	1.02	1.60	1.76	1.09	2.30	.40		5.55
June .....	.85	1.91	2.76	.75	1.90	1.16	2.01	1.41	.41	.90		4.73
July	2.46	.17	4.93	.70	2.33	5.12	3.01	1.08	2.88	2.60		9.55
August	2.77	1.38	5.23	.56	1.21	2.85	2.57	3.97	1.37	2.29		10.20
September ..	1.01	1.21	.70	1.71	.55	.87	1.44	.86	3.79	1.33		7.42
October ...	1.24	2.04	1.64	2.63	1.76	1.18	1.55	2.72	1.45	1.35		7.07
November ..	1.94	1.95	1.58	1.93	1.78	2.40	2.47	.81	2.04	1.51		6.83
December ...	4.07	3.35	2.05	.31	2.98	4.68	2.45	.48	2.18	2.77		7.91
TOTALS ...	21.78	15.71	26.61	17.07	18.34	24.27	25.56	16.25	20.82	21.21		83.81
	T				D	D	D	D	D	D		24

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	47° 15'	15° 48'	Bourne Ch	5	SW	St. Mary's Station	1	SE
	52° 32'	18 min				Constitution St		

RAINFALL at Bourne, GuthramCounty of LincolnshireObserver F. J. Robins Esq. C.E.River Basin Holland 2(1925) Slusher Rain Gauge, by

Diameter ...	8									8		
Height	1 6									1.6		
Altitude ...	19									19		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	MEANS.
January ...	1.26	1.52	1.81	1.41	2.76	.91	3.33	1.39	2.84	1.70	1.66	Totals 20.62
February ...	.54	.42	2.09	3.49	.59	2.58	1.26	2.03	1.20	1.13	.42	15.75
March	1.56	.54	1.17	1.78	.53	.95	.26	1.99	1.81	.10	1.37	12.06
April	3.26	1.05	2.38	.82	1.53	1.53	2.13	1.55	.60	.99	2.05	17.89
May	2.04	1.08	1.05	.88	3.35	3.59	1.98	.91	2.50	1.24	2.15	20.20
June	2.24	.26	.82	.47	2.06	.06	(2.76)	3.74	4.59	1.48	.92	19.40
July	2.92	.24	4.84	2.68	2.76	1.37	1.44	2.19	2.60	2.71	2.44	26.19
August .....	.77	2.15	2.12	1.62	1.98	1.85	.74	2.93	2.68	1.34	2.37	20.55
September...	1.39	.58	1.71	2.02	1.68	3.08	2.37	4.31	.58	.62	3.32	21.66
October	1.28	1.10	1.17	2.33	4.77	2.50	2.15	1.85	4.31	2.80	.86	25.12
November...	.51	1.11	1.03	1.58	2.00	1.79	3.28	3.38	3.59	3.43	2.44	24.14
December...	1.73	.97	2.41	2.68	2.07	1.40	.53	3.30	2.26	3.29	1.56	22.20
TOTALS...	19.50	11.02	22.60	21.76	26.08	21.61	22.23	29.57	29.59	20.86	21.56	246.38
	D	D	D	D	D	D	D	D	D	D	D	48.8

1928. Record appears abt. 4 ins. too high. letter to obs. re leaky gauge encl 9A file 778640/27. obs. says gauge in bad order and is being repaired. KP.

1929 Gauge repaired June 1929

1930. Cottage 100 ft. N. 15.

" 125 " S.

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	52° 47' 15"	0° 15' 48"	Twenty	1 1/2	min SW & S	St. Peter's	5 mi	W S W

RAINFALL at Bourne (Guthram)

County of Lincolnshire
River Basin Welland 2
Type of Gauge

Observer F. Sanderson Robins, Esq., C.E.
L. J. Clark Esq. C.E. (1937)
Y. H. Jones Esq. (1939)

Annual Average 23.6 in. based on years obs. un-weighted. Period of average Ref.

778640/24

Diameter	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Height	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Altitude	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means		
January	1.40	.82	1.02	1.11	1.40	3.13	3.25	2.43	4.10	1.51		Totals	20.17
February	1.76	.67	1.34	.78	1.70	2.12	2.49	1.27	.62	2.90			15.55
March	1.11	1.54	1.91	1.29	.69	.96	2.74	.20	1.57	1.79			12.79
April	1.79	2.22	.94	1.93	2.90	1.84	2.49	.07	2.08	1.07			17.33
May	2.22	3.31	1.29	.43	.55	1.50	4.51	2.54	.91	1.03			18.29
June	1.56	.36	1.77	1.34	2.75	4.26	1.64	.79	1.85	.86			17.18
July	3.24	4.05	.48	2.07	.46	4.32	2.43	2.00	2.23	3.67			25.95
August	2.64	2.58	.45	2.23	1.88	1.06	.44	2.17	2.75	.49			16.69
September	2.85	2.78	2.40	1.01	2.70	1.51	1.25	1.85	1.18	.58			18.11
October	.63	2.40	2.15	.74	2.26	1.53	2.18	1.84	4.25	3.06			21.04
November	1.67	1.20	1.91	2.21	4.62	2.02	1.61	1.80	3.24	3.78			24.06
December	.65	.60	.34	3.46	2.75	1.51	2.69	3.60	2.27	1.66			19.43
TOTALS	20.52	22.33	16.00	18.60	24.66	25.75	27.72	20.56	28.06	22.40			226.59
	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ			40.55

1931 low up 5"

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 Direction from gauge	Parish Church.	Distance Direction from gauge

Station No. TF 2530 ✓RAINFALL at Bourne (Guthram)

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County of LincolnshireObserver L. J. Black C.E.River Basin Welland 2

Type of Gauge.....

Annual Average 21.1 in. based on years obs. un-weighted. Period of average..... Ref.....File No. 778640/27

Diameter	8"	5"		146	966							
Height	1'6"	1'0"			1							
Altitude	19'	3			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.69	2.20	3.92	1.87	1.74	1.18	1.64	3.71	1.29	.73		TOTALS 20.96
February	2.12	1.38	.31	1.85	1.82	2.54	1.42	.84	.61	3.06		15.95
March	3.69	1.23	.68	.22	.64	1.08	3.84	.44	.79	.50		13.10
April	.98	.69	.97	2.03	1.05	1.32	2.00	1.28	2.01	2.21		14.54
May	2.93	2.80	2.34	1.18	1.31	1.52	.32	2.66	2.09	2.83		19.98
June	.59	1.35	2.49	2.31	1.77	2.59	3.60	3.93	.63	2.02		21.88
July	5.00	2.19	1.14	2.46	2.02	1.69	1.46	.97	2.49	2.84		22.26
August	3.97	2.55	2.23	3.31	2.52	3.75	.00	2.20	1.03	2.04		23.60
September	.87	1.62	2.12	5.15	1.32	2.90	1.10	2.23	1.28	2.53		21.12
October	2.43	2.55	1.53	2.48	2.37	2.19	.21	2.05	3.77	.68		20.28
November	3.00	2.93	1.49	2.70	.71	4.49	.91	1.65	2.52	3.50		23.90
December	.46	1.54	.79	1.06	2.17	2.30	1.79	2.05	1.40	.96		14.54
TOTALS	28.75 D	23.03 D	20.01 D	27.22 D	19.44 D	27.55 D	18.29 D	24.01 D	19.91 D	23.90 D		232.11 486

1941 gauge moved at end of 1941 from highest point.

* Used in General Tables. Origin unknown.

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

Station No. 2830RAINFALL at BOURNE (GOTHAM)

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County of LINCOLNSHIREObserver L. J. CLARK, Esq., C.E.River Basin WAAWAND - 2Blackburn Internal Drainage Board.Type of Gauge MO. Mk IIAnnual Average 21.7 in. based on 14 years obs. un-weighted. Period of average 1916-50 Ref. 5" " 29.93 20.25 - 14 - within 1942-57 - 1916-50 File No. 778640/27

Diameter ...	5"			146	966					5"	
Height ...	1' 0"				1					2' 3"	
Altitude ...	8'		15'		51					15'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January ...	2.54	1.67	.78	1.25	2.19	3.74	.87	2.46	2.33	3.16	20.99
February ...	3.30	.29	1.15	1.93	2.18	.63	2.79	2.83	.18	2.23	17.41
March ...	3.39	2.29	.77	1.46	1.58	.85	1.77	1.35	2.74	1.37	17.57
April ...	1.77	1.35	1.61	.16	.96	1.08	.13	.69	1.17	0.36	9.28
May ...	3.12	1.98	2.73	3.14	2.50	.89	1.63	2.23	.73	0.76	19.71
June ...	.67	.89	3.43	2.93	2.17	2.20	2.11	3.99	.28	1.29	19.96
July ...	1.26	.17	1.70	2.52	.48	2.62	3.12	3.84	2.10	2.71	20.52
August ...	3.68	2.86	2.10	3.69	1.00	3.77	2.34	3.29	.88	2.37	25.98
September ...	1.34	2.02	.97	1.96	.81	1.42	3.96	1.87	.42	2.42	17.19
October ...	.95	2.63	2.38	2.58	1.59	.88	1.07	2.08	.98	4.97	20.11
November ...	3.82	2.60	1.93	4.55	1.35	.58	1.61	1.25	1.52	3.26	22.47
December ...	1.29	1.62	.55	2.18	1.45	1.80	1.91	2.65	3.46	3.57	20.48
TOTALS ...	27.13	20.37	20.10	28.35	18.26	20.36	23.31	28.53	16.79	28.47	231.67
	D	D	D	D	D	D	D	D	D	D	

1957 Hedge 3'6" high 140'S; Farm Cottage 20' high, 200' N; Open to the W.
 Inspected 21.6.60 by J. H. Butler. Between 2 ditches 12' down 20' NE and 50' W but only narrow. alt ofc from
 all divisions except S-SW. g. to be mounted at standard ft.

* Used in General Table. Origin unknown.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference

TF(53) 171225

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

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
	✓ V but -11, 12	✓ V but 26-28	✓	✓ V but 37	