

RAINFALL AT ~~Loughboro' Nan Paulau Rd~~

Lat.

Lon.

County of ~~Leicester~~

Glaisher Rain Gauge, by

Observer G. Hodson, Esq., F.C.S.

Front - N.

Daily

F. Baker Esq., F.W.C. & W. Cross Eng. Co.

Diameter	8										
Height	9	2.11									
Altitude	287	269 ft									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January22	.37	2.37	2.36	2.36	1.57	2.67	2.57	.74	1.24	
February	2.04	3.90	2.09	3.18	1.05	2.53	.45	.54	.99	1.65	
March	1.56	2.34	1.64	.79	2.08	1.10	2.82	1.25	2.40	4.04	
April	1.38	1.68	2.63	1.95	2.04	2.21	1.78	1.24	2.40	3.69	
May	1.35	.78	1.73	2.22	.88	2.36	4.98	1.58	.71	3.47	
June	3.01	1.66	4.57	3.60	1.09	3.12	1.30	1.47	1.59	.94	
July	5.78	1.44	4.03	2.78	3.28	.18	2.77	.78	5.63	1.99	
August	1.34	5.46	2.11	2.96	1.88	2.84	2.48	1.48	2.91	3.24	
September....	4.68	1.84	2.25	4.76	1.28	3.25	1.17	2.36	.83	2.38	
October.....	5.65	3.76	5.02	2.12	1.18	5.76	4.68	1.57	.43	2.74	
November....	2.15	(2.20)	2.98	4.26	1.21	2.82	1.47	1.61	3.90	.60	
December	3.58	3.23	4.44	.77	2.16	.52	3.66	1.33	2.04	1.86	
TOTALS	82.74	(28.61)	35.86	31.75	2047	2828	3013	17.72	24.57	27.84	27797

1880. Emmanuel Church $2\frac{1}{2}$ miles N.

1881. G. in a bad state & not properly looked after

1882. Gauge away from Jany 26th to Nov? and observations
from a Cætela gauge. gauge also moved on Dec: 1st

1883. Cottage 30 ft high 22 ft. W.

Shrub 7 ft. " 8 " E.

1887. House 22 ft high 22 ft. S W

Brush 8 ft. " 8 " NE

RAINFALL AT Loughboro' Nam Parton Rec.

Lat.

Lon.

County of Leicester

No. 5494 Rain Gauge, by Catella

Observer F. Baker C.E.

Trent - 4t.

Monthly

Diameter		8		*	11						
Height			2								
Altitude			269 ft								
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January....				2.58		1.62	2.81	2.79	.77		
February....				3.39		2.65	4.45	.52	1.16		
March.....				.96		1.11	2.98	1.25	2.42		
April.....				1.95		2.16	1.78	1.22	2.40		
May.....				2.27		2.36	4.87	1.65	.70		
June.....				3.56		3.12	1.26	1.39	1.53		
July.....				2.75		.16	2.70	.72	5.45		
August....				2.94		2.75	2.40	1.64	2.82		
September....				4.67		3.19	1.18	2.36	.86		
October....				2.20		5.60	4.50	1.56	.39		
November....				4.30		2.79	1.48	1.66	3.94		
December....				4.67	.77	.59	3.59	1.34	1.95		
TOTALS....				32.34		28.10	30.00	18.10	24.39		

Loughborough Church 2 1/2 miles NNE

1885 Cottage 25 ft high 30 ft S.W.

1887 Bush 5 ft " 8.6° NW
" 9 " 10.6° NE

1889 Record not kept

* A.W. Cross says the Catella gauge is 8 in. we never had
a 5 in. gauge

RAINFALL AT Loughborough Nan Fenton Reservoir

Lat.

Long.

County of Leicester

Glaisher Rain Gauge, by
Front - 14.

Observer A.W. Cross Esq. C.E.
A.H. Walker Esq. C.E.

Diameter	8										
Height	2 11								1 0		
Altitude	269 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	1.71	1.95	.93	1.69	1.15	3.89	1.19	2.27	.97	3.37	1.912
February73	.09	1.62	2.55	2.23	.09	.64	2.88	1.19	1.83	1.385
March	1.33	1.27	.75	.20	.79	1.81	2.12	2.34	1.12	1.14	1.287
April82	2.29	.74	.37	1.40	2.31	.83	2.85	2.11	2.32	1.604
May	2.09	2.75	2.21	2.38	1.45	.67	.52	1.78	2.72	3.12	1.969
June	2.06	3.87	2.41	.87	1.78	.40	2.13	2.90	.97	1.50	1.889
July	2.16	2.19	2.20	2.77	2.64	3.76	2.66	.54	.89	1.86	2.167
August	2.37	3.62	1.91	1.69	2.83	2.26	2.03	2.65	2.96	.75	2.307
September	1.47	1.08	2.89	1.64	1.08	.45	3.98	3.11	.65	2.82	1.917
October	1.41	4.85	2.99	1.86	2.31	3.02	2.71	1.15	3.10	2.74	2.614
November	3.06	2.53	1.10	1.47	2.23	3.31	1.27	1.38	2.47	1.79	2.061
December63	3.31	1.37	2.34	2.10	2.21	3.79	3.20	2.04	2.31	2.330
TOTALS	19.84	29.80	21.12	19.83	21.99	24.18	23.87	27.05	21.19	25.55	23.442

Brahms 5' 6" high 8' 6" SW

9' 6" - 10' 6" NE

1894 Immanuel Ch 2 1/2 miles SW

1897 April 10th Gauge moved 40 ft S

RAINFALL AT Loughborough Nan Pantone Reservoir

Lat.

Long.

County of Leicester

Rain Gauge, by Casella

Observer A.W.Cross Esq C.E.

Trent - 4.

Diameter	58										
Height	20										
Altitude	269	A									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.28	2.05	1.00	1.68	1.28	3.82	1.15				
February72	.09	1.66	2.61	2.32	.11	.65				
March	1.38	1.37	.86	.18	.85	1.89	2.25				
April84	2.30	.74	.36	1.38	2.23	.84				
May	2.06	2.68	2.21	2.25	1.38	.56	.45				
June	2.08	3.77	2.36	.86	1.75	.36	2.03				
July	2.23	2.15	2.16	2.70	2.62	3.68	2.64				
August	2.31	3.61	1.83	1.65	2.84	2.24	1.99				
September	1.45	1.06	2.84	1.61	1.05	.42	3.96				
October	1.41	4.81	2.94	1.84	2.36	2.96	2.59				
November	3.07	2.53	1.08	1.45	2.22	3.25	1.21				
December66	3.49	1.35	2.36	2.13	2.26	3.68				
TOTALS	20.49	29.91	21.03	19.55	22.18	23.78	23.44				
											Not Recd.

Brushes 5' 6" high 8' 6" SW

9' 6" " 10' 6" NE

A.W.Cross says they never had a 5 in. gauge
1894 Immanuel Ch 2 1/2 miles S.W.

RAINFALL AT Loughborough Nar Ranton Reservoir

Lat. Lon. County of Leicester

Rain Gauge, by

Observer A. H. Walker Esq. cl.

Trent, R. bank - 14.

Diameter ..	8										
Height	1.0										
Altitude ..	269 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..											
February ..	4.41	1.26	1.39	2.42	3.54	.95	3.63	.90	.94	.94	2.038
March	4.37	1.22	1.70	1.08	3.08	.74	2.77	1.09	1.27	.63	1.795
April75	2.28	1.80	3.74	2.02	2.85	1.32	1.04	2.84	3.18	2.182
May	1.23	1.55	2.06	2.04	1.20	1.59	.86	1.88	2.70	1.27	1.638
June	1.82	.72	2.57	2.36	1.54	.39	1.88	3.46	1.81	1.22	1.777
July	2.94	2.32	1.90	1.99	.47	3.55	2.55	2.44	1.36	2.80	2.232
August	1.77	3.09	1.28	1.73	3.08	1.12	.54	2.94	2.67	3.23	2.145
September ..	3.94	1.75	3.82	5.36	3.97	3.43	.93	2.12	2.90	2.60	3.085
October....	.60	1.00	1.91	2.48	1.93	1.59	.91	1.06	1.49	2.16	1.513
November ..	2.63	1.48	2.14	6.15	.58	1.17	5.14	4.36	.77	3.07	2.749
December ..	2.53	1.35	1.81	1.58	1.34	2.81	3.02	2.13	1.27	.65	1.849
TOTALS ..	31.25	22.71	24.12	32.76	24.65	20.97	26.10	26.61	21.87	26.23	25.72

H.W.

RAINFALL at Loughborough Non Partan Reservoir

County of Leicestershire Observer A. H. Walker Esq. C.B.

River Basin Trent - Right Bank Tributaries 4

Rain Gauge, by Camilla

Diameter ...	8											
Height	10											
Altitude ...	269 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	1.92	.97	4.62	4.03	1.13	2.66	1.48	2.06	2.29	4.54		Total 6.79 10.37
February ...	2.64	1.94	1.68	1.04	1.49	3.47	4.84	1.64	1.62	2.68		9.68
March68	2.04	3.61	4.19	2.76	.95	5.06	1.78	1.33	4.63		12.80
April	2.13	.99	.25	2.60	1.30	.88	1.23	1.34	2.08	1.77		6.42
May	2.72	1.03	2.50	2.15	1.75	1.80	2.69	2.49	2.00	1.38		7.86
June	1.06	2.14	3.89	1.01	2.46	1.73	1.64	2.96	.72	.98		6.30
July	2.79	.13	4.00	1.06	2.63	8.23	1.30	2.19	2.40	3.83		9.72
August.....	3.85	2.80	6.43	1.61	1.70	2.22	3.55	6.28	1.88	3.24		14.95
September ..	.74	1.35	1.23	2.03	.66	1.06	.80	1.76	5.04	1.74		9.34
October ...	2.29	2.49	3.22	3.44	2.33	1.55	2.76	3.70	1.32	1.76		9.54
November ..	4.88	2.46	1.84	2.45	4.54	3.11	2.84	.95	1.65	2.34		7.78
December...	5.17	5.08	4.25	.96	5.70	4.20	2.65	1.24	2.99	4.56		11.64
TOTALS ...	30.37	23.42	37.52	26.57	28.45	31.86	30.84	27.39	25.62	33.85		117.20

None within appreciable distance

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Loughborough	3 m	S W	Emmanuel		

RAINFALL at Loughborough New Pantan Reservoir

County of Leicestershire Observer A. H. Walker Esq. C.E.

River Basin Trent - Pt. Bank Tributary Gauge (Loughborough)

(1 VIII. 25) 5" Snowdon Rain Gauge, by Casella (1930) W. Skinner Esq. C.E.

Diameter ...	8					5	5				
Height	1	0				1	0				
Altitude ...	269					269					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	2.84	2.64	3.65	1.33	2.40	2.12	2.97	2.79	5.08	1.53	3.31
February ...	1.85	1.34	2.66	4.35	1.70	3.17	2.53	2.23	2.64	.53	1.49
March	2.33	1.28	1.77	1.38	1.01	1.13	1.02	2.37	1.80	.13	2.59
April.....	4.83	1.04	3.42	2.14	2.42	2.12	2.26	1.72	1.75	1.24	3.11
May	2.12	2.18	1.45	2.07	4.16	5.01	3.39	1.19	1.06	2.43	2.64
June	1.52	.78	.95	.68	2.28	.05	3.26	4.03	2.72	1.94	1.43
July	4.51	1.39	6.02	3.98	3.63	1.96	2.17	2.01	1.47	1.45	4.77
August	1.23	5.47	6.36	2.46	2.66	1.76	2.26	2.82	2.91	1.78	3.18
September...	1.62	1.05	2.30	3.54	2.98	3.20	1.84	4.78	.83	.54	4.23
October.....	1.57	2.39	.73	2.46	4.73	3.36	2.97	2.15	1.24	3.65	2.30
November...	1.18	1.73	1.16	2.19	2.26	1.82	4.52	2.97	3.88	5.25	3.29
December...	2.91	1.86	4.16	2.97	2.79	2.09	.70	3.00	1.68	5.12	2.42
TOTALS...	28.67	21.15	33.63	29.55	32.02	27.79	28.89	32.06	29.09	25.32	32.77

1930. Enc 3⁴ file 40346/30 Observer confirms storm on August 29th, also .12" on Dec. 31st " may be relied on although 2501 had 1.88".

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	52° 45'	1° 15'	Loughboro	(1925) E 3 mi	S W	Nanpantan Emmanuel	1/2 mi	W.

RAINFALL at Loughborough (Nampantan Res.) + A.

County of Leicestershire Observer W. Granger, Esq., C.E.

River Basin Trent Right Bank, Tribe 4

Type of Gauge Standard

Annual Average 26.1 in. based on 35 years obs. un-weighted. Period of average 1881/1915 Ref. 3

40346/30

Diameter	5	Height	1.0	Altitude	269	Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean
January	1.61	1.96	1.98	2.64	.97	4.17	3.81	2.95	5.30	2.42							Totals.
February	2.86	2.88	2.69	5.8	2.33	2.22	3.64	7.73	1.48	3.19							27.71
March	0.9	2.06	2.81	1.92	8.3	1.52	2.54	2.20	1.82	2.21							20.13
April	3.42	2.55	1.24	3.18	3.42	1.96	2.75	1.03	1.81	1.39							16.00
May	3.49	6.44	1.89	1.10	.44	3.35	2.67	1.94	1.10	1.35							21.75
June	3.49	1.13	3.28	.69	2.70	4.42	1.03	1.77	1.52	.92							20.77
July	3.82	4.28	2.32	.91	.31	5.11	3.24	2.47	3.71	2.87							20.95
August	4.54	1.90	0.73	2.28	2.06	.70	.61	2.33	3.71	1.20							29.04
September	1.90	2.08	2.12	1.75	5.29	2.67	1.58	1.94	.78	.64							20.75
October	.87	3.62	3.20	1.49	3.91	1.45	2.83	2.49	3.17	4.16							26.84
November	2.62	2.00	1.59	2.29	4.53	2.48	1.51	2.85	4.76	6.12							30.75
December	.89	.73	0.31	4.61	4.12	1.67	2.28	3.99	1.64	1.88							22.12
TOTALS	29.30	28.93	24.21	23.44	30.91	28.72	28.52	23.69	30.80	27.85							275.87
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.							7426

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	Parish Church.	Distance from gauge	Direction
			Loughborough	3 m	E.	Nampantan	1/2 m	W.

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

Station No. T.F. 2518 ✓

41

RAINFALL at Loughborough (Nanpantan Res.) + A

County of Leicestershire Observer W. Granger Esq. C.E.

River Basin Trent-Brighton Bank 4

Type of Gauge Snowdon

Annual Average 26.1 in. based on 36 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 40346/30

Diameter	5"			115	174						
Height	' 0 "				1						
Altitude	269'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.72	3.01	4.22	2.52	1.50	2.12	1.84	5.35	1.24	.83	Totals. 26.33
February	1.91	.73	.80	1.88	2.38	4.31	1.28	1.57	.82	4.61	20.29
March	3.10	2.02	1.44	.18	.73	.84	5.26	.89	1.58	1.13	17.17
April	1.70	1.54	.86	2.23	1.66	1.70	2.44	1.65	3.33	2.50	19.61
May	2.37	3.68	2.95	.61	2.42	1.68	1.59	2.93	9.29	2.02	22.54
June	.77	.88	2.26	1.83	2.60	3.14	1.69	1.83	.49	1.34	16.83
July	4.34	2.51	1.14	2.02	2.98	1.89	2.87	1.64	4.41	2.36	26.16
August	4.55	2.40	1.77	1.84	1.80	4.83	.22	4.74	2.04	2.74	26.93
September	.53	.98	1.83	3.91	1.06	3.55	1.13	2.76	1.41	2.48	19.64
October	2.55	2.99	2.42	2.94	4.19	1.23	.28	2.54	5.48	.97	25.57
November	3.19	1.76	1.80	4.13	.28	5.61	1.48	1.20	3.83	4.22	27.80
December	.95	2.50	.94	1.59	2.38	2.48	2.35	4.32	1.99	1.35	20.85
TOTALS	29.68	25.00	22.43	25.68	23.98	33.38	22.73	31.42	28.91	26.55	269.76 946

24.3.21

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.
1941			Loughborough L.N.E.R.	3 m.	E	Nanpantan	1/2 m.	W.

BRITISH RAINFALL ORGANIZATION

Station No. 2218 T.F. 2

RAINFALL at LOUGHBOROUGH (NANPANTON Reg.) (+ A)

51

County of LEICESTERSHIRE

Observer W. GRANGER, ESQ., C.E.
Borough Surveyor (act 1955 B.R.)

River Basin TRENT - R. BANK - 4

Type of Gauge SNOWDON (+ A)

Annual Average 26.1 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S
28.13 - - - - 1916-1950 1916-1950 P
File No. 60346/30

Diameter ...	5"				115	174						
Height ...	1' 0"						1					1' 4"
Altitude ...	269'						51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January	2.87	2.80	.85	1.36	2.04	4.10	1.83	2.74	2.90	5.31		27.30
February	3.46	.64	1.48	2.98	2.15	.43	2.66	3.47	.08	1.59		19.94
March	3.58	3.11	1.69	2.25	3.39	1.14	2.20	1.89	1.79	1.67		22.71
April	1.95	2.14	2.32	.41	1.17	1.10	.23	.74	3.06	1.25		14.37
May	3.97	2.43	2.48	2.74	4.11	.74	1.34	2.35	.43	1.30		21.89
June	1.18	1.91	3.16	2.85	4.18	3.12	1.25	3.71	1.51	2.38		25.25
July	.82	.32	1.62	2.62	1.55	2.17	3.54	4.36	.97	3.41		21.18
August	4.66	2.37	2.92	5.20	.31	5.26	2.58	1.95	.99	4.02		30.26
September	1.45	1.65	1.56	2.02	1.50	1.97	5.98	3.25	.07	4.18		22.63
October	.78	2.71	3.00	3.82	1.70	1.45	1.144	2.53	2.04	5.61		25.08
November	5.24	2.04	1.50	5.56	1.81	.85	2.17	1.36	2.58	3.23		26.34
December	2.21	3.10	.76	2.99	1.78	3.40	2.03	3.04	3.78	3.45		26.54
TOTALS ...	32.17	25.22	23.34	34.60	25.69	25.73	27.25	31.39	20.20	37.90		284.49
	D	D	D	D	D	D	D	D	D	D		

July 31 1959. B.O.K. Satisfactory exposure.

Position of Station on Ordnance One-Inch map : No. of Map 121 National Grid Reference SK(43)508711

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1955			Loughborough (Central)	3 mi	E.	Nanpantan	2 mi

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓ but-17	✓	✓	✓	✓