

# RAINFALL AT *Loughborough Sewage Farm*

Lat. ....

Lon. ....

County of *Leicester*

Rain Gauge, by .....

Observer *A. H. Walker Esq. Cl.*

*From R. bank - 4.*

Diameter ..			8								
Height ....			10								
Altitude ..			134*								
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..			1.31	2.43	3.24	.83	3.19	.90	.76	1.03	
February ..			1.83	1.04	2.97	.72	1.87	1.15	1.13	.63	
March ....			1.48	3.62	1.82	2.64	1.25	.66	2.62	2.90	
April .....			1.91	2.02	1.17	1.07	.67	2.08	2.51	1.00	
May .....			2.24	2.81	1.62	.23	2.09	3.28	1.72	.85	
June .....			2.39	1.71	.36	3.22	2.36	2.71	1.46	1.86	
July .....			1.54	1.63	3.08	1.13	.54	2.79	2.68	1.96	
August ....			3.39	4.35	3.92	2.68	.82	2.07	2.59	2.37	
September..			1.16	2.47	1.49	1.67	.97	.85	1.42	2.62	
October....			2.01	5.12	.37	1.13	4.99	4.21	.86	2.58	
November..			1.39	1.67	.95	2.36	3.08	2.06	1.27	.58	
December ..			1.63	1.51	1.58	.72	2.11	3.49	1.46	3.91	
TOTALS ..			22.28	30.38	22.57	18.40	23.94	26.25	20.48	22.29	

1902 all Saints Church 5/6 mile SE by S

RAINFALL at Loughborough Sewage FarmCounty of LeicestershireObserver A. H. Walker Esq C.E.River Basin Trent, Right Bank Tributaries 4Rain Gauge, by Cassella

Diameter ...	8										
Height .....	10										
Altitude ...	135 ft										
Year ..	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.69	.94	3.97	3.06	1.12	2.21	1.33	1.68	1.90	3.52	843
February ...	2.09	1.70	1.51	.72	1.12	2.84	3.56	.56	1.38	1.41	691
March .....	.54	1.30	2.97	4.01	2.56	.76	3.52	1.06	.86	4.00	944
April .....	1.76	.69	.09	2.28	1.13	.78	1.17	.97	1.65	1.46	525
May .....	2.22	.77	1.68	1.76	1.97	1.78	2.44	2.72	1.70	1.37	823
June .....	1.05	1.61	2.24	.78	2.20	1.39	1.63	2.61	.28	.61	513
July .....	2.55	.04	3.35	.61	3.14	9.78	1.56	2.39	1.90	3.45	930
August .....	2.81	2.24	5.03	1.77	1.98	2.16	2.48	5.38	1.20	2.66	1172
September ..	.53	1.25	.89	1.66	.42	.92	.70	1.39	4.64	1.38	811
October ...	2.03	2.38	2.75	2.90	1.56	1.19	2.24	3.00	1.21	2.04	849
November ..	4.41	1.96	1.52	1.91	4.00	2.80	2.49	1.02	1.56	2.04	711
December ...	5.12	3.86	3.50	.87	4.77	4.55	2.21	.83	2.34	4.17	955
TOTALS ...	26.80	18.74	29.50	22.33	25.87	31.16	25.33	23.61	20.62	28.11	976.7
	7		7		7	7	7	7	7	d imp	

1916 Nothing within appreciable distance

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Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52.47	1.12.30	Loughborough Mid Ry Stn }	1.5 m	SE	all saints		

RAINFALL at *Loughborough Sewage Farm*County of *Leicestershire*Observer *A. H. Walker Esq G.E.*River Basin *Trent - Rt. Bank Tribs 4*Engl. *Loughborough*(1925) *Snowdon Mountain Gauge, by Cassella*

Diameter ...	8											
Height .....	1	0										
Altitude ...	135											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	Means.
January ...	1.20	3.05	2.61	.78	2.01	1.72	2.75	2.10	4.44	1.30	3.29	2545
February ...	1.74	.31	2.22	3.92	.85	2.39	3.37	1.96	2.10	.53	.57	1996
March .....	1.88	1.32	1.29	1.11	.65	.86	.89	2.05	1.66	.06	2.44	1424
April .....	4.39	1.03	3.42	1.86	1.66	1.59	1.80	1.94	.54	1.01	3.41	2268
May .....	1.35	1.64	1.43	1.84	3.60	4.27	2.78	1.06	1.36	1.35	2.37	2305
June .....	1.24	.79	.85	.41	2.20	.00	2.77	3.74	2.49	.63?	1.07	1619
July .....	3.53	.20	4.67	2.30	2.43	1.88	1.69	1.96	1.24	1.43	4.51	2614
August .....	.95	4.32	5.30	1.92	2.04	1.30	1.78	2.19	2.98	2.26	3.59	2863
September...	1.31	1.04	1.58	3.04	2.39	2.89	.60	4.78	.48	.52	3.64	2257
October .....	1.42	1.98	.55	1.77	3.80	2.78	2.40	1.35	4.00	3.11	2.34	2550
November...	.95	1.51	.66	1.87	1.92	1.89	4.26	2.77	3.19	5.35	3.08	2745
December...	1.85	1.42	3.37	2.80	1.77	1.95	.85	2.72	1.86	4.84	2.07	2555
TOTALS...	21.81	18.61	27.95	23.87	25.32	23.52	25.94	28.61	26.67	22.69	32.38	27739
	d	d	d	d	d	d	d	d	d	d	d	

1924. Omissions in May &amp; June. Gauge probably interpreted with in October.

1929. June 54 &amp; 64. referred to obs. who confirmed original.

1930. One 3" file 40346/30 Observer confirms storm on August 24<sup>th</sup> also Dec. 31<sup>st</sup>. .15" may be relied on although 2501 had 1.53".

211 2519

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
1920	52° 47'	1° 12' 30"	Loughborough	1 1/4 mi	SE	All Saints	1 mi	SE



RAINFALL at Loughborough (Sewage Farm) + ACounty of LeicestershireObserver W. Ganger, Esq., C.E.River Basin East-Right Bank Trib. HType of Gauge SnowdonAnnual Average 23.1 in. based on 26 years obs. un-weighted. Period of average 1851-1915 Ref. 3

40346/30

Diameter	8											
Height	1	0										
Altitude	135											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.43	1.53	1.85	2.19	.68	3.49	3.21	2.48	4.05	2.27	2318	
February	2.34	.40	2.43	.58	1.64	2.15	2.97	.65	.98	2.09	1620	
March	.10	1.79	2.48	1.61	.59	1.34	2.21	.17	1.47	1.71	1347	
April	3.47	2.52	.89	2.30	2.53	1.65	2.24	.02	1.64	1.31	1857	
May	3.10	7.08	2.28	.91	.41	.43	2.19	1.65	.84	1.20	2009	
June	3.95	.82	1.32	.59	1.82	3.16	1.04	1.31	1.07	.92	1600	
July	3.97	4.99	1.54	1.35	.10	5.26	2.72	1.95	2.78	3.25	2791	
August	4.75	2.09	.46	1.88	1.51	.51	.48	1.79	2.60	.20	1627	
September	2.29	1.78	1.61	1.31	4.22	2.54	1.64	1.81	.72	.50	1842	
October	.57	3.39	2.74	1.04	2.99	1.08	2.71	1.83	2.51	3.49	2235	
November	2.36	1.75	1.20	1.98	3.85	2.12	1.31	2.11	3.40	5.45	2603	
December	.90	.74	.29	3.86	3.43	1.66	2.25	3.34	1.34	1.51	1932	
TOTALS	29.23	28.58	19.09	19.57	23.77	25.39	24.97	19.11	23.40	23.90	2378.1	

1933 May corrected by observer.

1940 Jan adj. for snow.

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
			Loughborough, Mid.	1 m	SE.	Loughborough.	1 m	SE.

Station No. T.F. 2520 ✓RAINFALL at Loughborough (Savage Farm)

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County of Leicestershire Observer W. Granger Esq. - C.E.River Basin Trent - Right Bank - 4Type of Gauge SnowdonAnnual Average 23.1 in. based on 26 years obs. un-weighted. Period of average 1881 - 1915 Ref. SFile No. 40346/30

Diameter	8"			115	244						
Height	1'0"				1						
Altitude	135				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.24	2.32	3.51	2.36	1.27	2.05	1.45	4.51	.80	.78	2229
February	1.79	.85	.64	2.15	2.30	3.96	1.02	1.31	.60	4.23	1885
March	2.84	1.86	1.58	.12	.63	.81	4.61	.70	1.83	.87	1585
April	1.45	1.11	.78	2.13	1.58	1.74	2.35	1.69	3.03	2.16	1802
May	2.31	2.98	2.81	.94	2.43	1.40	1.43	3.28	1.81	2.26	2175
June	1.06	.90	1.67	1.42	2.31	3.10	1.48	1.66	.33	.97	1492
July	4.51	2.63	.78	1.95	2.78	1.59	3.77	1.32	4.14	2.13	2560
August	4.63	2.21	1.30	1.81	2.71	4.97	.25	5.03	1.81	2.84	2756
September	.66	.74	1.50	3.58	.99	3.28	.94	2.82	1.54	2.18	1813
October	2.63	2.30	2.03	2.67	3.51	1.14	.30	2.67	5.84	.81	2390
November	3.30	1.91	1.58	3.49	.19	4.97	1.38	1.22	3.29	3.80	2513
December	.75	2.78	.77	1.24	2.11	2.72	1.82	4.17	1.76	1.19	1931
TOTALS	29.09 D	22.59 D	18.95 D	23.86 D	22.81 D	31.73 D	20.80 D	30.38 D	26.78 D	24.32 D	25131 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.
1941			L.M.S.	1m.	S.E.	Loughborough	1m.	S.E.

BRITISH RAINFALL ORGANIZATION

Station No. 2820 TF 91

RAINFALL at LOUGHBOROUGH (SEWAGE FARM)

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County of LEICESTERSHIRE

Observer

V. GRANGE, Esq. C.E.,  
Borough Surveyor (wef. 8.1.1955).

River Basin TANT - R. BANK - 4

Type of Gauge ~~Standard~~ *Blair*Annual Average 28.1 in. based on 26 years obs. un-weighted. Period of average 1881-1915 Ref. 5  
" " 26.78 " " 16 " " 1916-56 1916-1950 S

File No. 40346/30

Diameter ...	8"			115	244							
Height ...	1' 0"				1				6"			
Altitude ...	135'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	26.6
January ...	2.72	2.45	.86	1.41	1.87	3.94	2.02	2.99	3.10	6.28		27.65
February ...	3.29	.70	1.67	2.87	1.91	.41	2.93	3.48	.16	1.61		19.03
March ...	3.56	2.34	1.34	2.18	3.19	1.22	2.12	1.99	1.77	1.34		21.55
April ...	1.72	1.89	1.96	.28	1.03	1.34	.25	.84	3.35	1.28		13.94
May ...	3.52	2.86	2.21	2.60	4.15	.61	1.24	2.43	.46	1.03		21.13
June ...	1.69	1.59	3.24	2.64	4.59	3.31	1.78	4.57	1.13	2.27		26.81
July ...	.66	.31	1.41	2.43	1.58	2.27	2.95	4.50	.99	3.41		20.5
August ...	5.00	1.68	2.13	4.84	.36	5.14	3.24	1.85	1.21	4.02		29.47
September ...	1.28	1.61	1.99	1.85	1.47	1.99	7.11	3.70	.03	3.55		24.58
October ...	.79	2.64	3.21	3.05	1.73	1.47	1.43	2.63	2.39	4.64		23.98
November ...	5.57	2.32	1.42	5.34	1.84	.87	2.55	1.40	2.83	3.10		27.24
December ...	1.92	2.77	.68	2.65	1.85	3.61	2.03	3.31	4.52	3.12		26.46
TOTALS ...	31.75	23.66	22.12	32.14	25.57	26.18	29.65	33.69	21.94	35.65		282.35
	D	D	D	D	D	D	D	D	D	D		

Height 1959 1.50K. In v. poor condition & badly installed. Site over-estimated most directions  
Turf well & new g. rec.

1958 np. lig.

New gauge purchased. In use w.e.f. 1.2.60.

1959 :- np high.

Position of Station on Ordnance One-Inch map : No. of Map 121 National Grid Reference Sh(43) 60210

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1955			Loughborough (Midland)	1 mi.	S. E.	Loughborough	1 mi.	S. E.

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
	✓	20-23, 25-30	✓	✓	
	✓ but 2 11, 13	✓ but 20, 23, 25, 29	✓ but 36, 39, 40	✓ but 43, 45, 46	