

RAINFALL AT

Leicester

W.W.

80

Lat.

Lon.

County of

Leicester

Rain Gauge, by

Observer

W. de Landborough Esq.

Severn R-2.

Diameter . . .							5				
Height							0.9				
Altitude . . .							44				
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January . . .							2.43	1.75	.49	.91	
February . . .							.63	.52	.43	1.06	
March							1.77	.98	1.88	2.65	
April							1.77	1.06	1.26	2.93	
May							3.99	1.33	1.05	3.68	
June . . . . .							.93	1.54	2.40	.91	
July							2.04	.70	4.50	2.81	
August							1.20	.74	2.50	2.29	
September . .							2.59	1.44	1.09	1.91	
October . . .							3.67	2.02	.43	1.80	
November . . .							1.78	1.62	5.17	1.27	
December . . .							3.10	1.50	2.06	1.33	
TOTALS . . .							25.90	15.20	23.26	23.55	

Rejected from Survey: 3" too low.

RAINFALL AT Tewkesbury W.W.

Lat. _____

Lon. _____

County of Gloucester

Rain Gauge, by _____

Observer J Hall Esq C.E.

Seven R - 2.

Diameter	5										
Height	0.9				10						
Altitude	44				47						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	1.90	1.47	.43	1.34	1.60	2.76	.62	1.65	.66	3.34	1.577
February ....	.59	.04	1.06	2.28	1.73	.21	.29	3.01	1.11	3.09	1.341
March .....	.58	1.25	.70	.14	.77	1.66	1.86	2.93	.48	.21	1.058
April .....	.70	1.06	.81	.08	1.43	1.79	.69	1.61	1.74	1.87	1.178
May	1.41	3.37	1.69	1.09	1.94	.42	.24	1.06	3.96	2.05	1.723
June	1.47	1.05	1.67	1.52	2.16	1.24	2.06	2.15	.62	1.16	1.510
July	2.38	2.05	2.00	2.18	2.28	2.10	1.50	1.17	.77	.67	1.710
August	2.89	3.89	1.71	.97	2.57	2.09	1.48	3.15	2.78	2.43	2.396
September....	.97	1.04	2.23	.81	3.03	1.00	4.39	2.16	1.00	1.78	1.841
October	1.12	5.48	1.31	1.68	2.42	2.74	2.25	1.21	2.65	2.06	2.292
November....	1.43	1.61	1.59	1.83	3.00	3.94	.69	1.65	1.20	1.87	1.881
December ....	.79	3.13	1.05	1.89	1.74	1.13	1.64	2.74	2.43	1.97	1.851
TOTALS	16.23	25.44	16.25	15.81	24.67	21.08	17.71	24.49	19.40	22.50	20.358

Rejected from Survey : 3" too low.

RAINFALL AT Tewkesbury Waterworks

Lat.

Lon.

County of Gloucester West.

Rain Gauge, by

Observer

J. Hall Esq. Ch.
H. White Esq. Ch.
J. P. Picking Esq. Ch.

Series - R- 2.

Diameter ..	5										
Height	0. 10						1. 0				
Altitude ..	47						+				
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.69	1.04	.59	2.34	2.00	.99	3.39	.68			
February ..	4.41	.99	.99	1.28	2.85	.80	1.04	.73			
March ....	.70	1.55	.94	2.53	1.01	2.71	1.18	.58			
April	1.46	2.43	1.99	1.29	.83	2.04	1.15	2.61			
May	1.64	.98	2.01	5.21	1.64	.48	1.73	2.50			
June	2.02	1.90	2.47	3.24	.13	2.73	3.00	1.89			
July	1.74	2.45	.72	2.55	1.46	.76	.50	2.99			
August	1.53	1.65	2.73	2.40	1.31	4.08	.81	2.05			
September..	.18	1.66	1.41	1.96	1.06	1.08	.56	.55			
October....	2.58	1.27	2.51	4.61	.21	1.24	2.98	4.98			
November..	1.62	.76	1.51	1.07	.72	2.16	2.88	.61			
December ..	4.56	2.95	1.13	.94	1.28	.53	1.16	2.58			
TOTALS ..	25.13	19.63	19.00	29.42	14.50	19.70	20.38	22.75	N.R.		

1902 Holy Trinity 1100 yards 2900 ft S.E.

Wall 6 ft high 28 ft S



Rain gauge is on a bank 12 feet above wall as sketch

1903 Tewkesbury Station 1750 yards S.E.

1904 Too small. ^{Interference to gauge} Mr. Picking says "I feel quite sure that the gauging at Tewkesbury must be inaccurate"

1905 Not printed

1906 Engine House wall 13 ft high 50 yards

1907 Not printed

1908 Not accurate

*Rejected from Survey: 3' too low.

RAINFALL at Tewkesbury Pumping Station

County of Gloucestershire Observer J. L. Pickering
 River Basin Severn Left Bank Tributaries 3
 Rain Gauge, by _____

Diameter ...				5							
Height				0 9							
Altitude ...				47 T							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...				3.10	.66	2.81	.90	1.32	2.81	3.58	
February ...				1.04	1.82	2.38	0.47	1.23	.87	3.02	
March				3.38	2.47	.82	3.48	1.92	1.33	4.31	
April				2.78	1.17	1.13	.57	1.69	2.40	2.42	
May				2.24	1.27	3.22	2.56	3.53	1.39	1.26	
June .....				.76	2.73	2.07	1.91	2.28	.62	1.05	
July .....				.79	3.25	5.29	1.30	2.08	3.80	2.64	
August				1.89	1.14	4.54	2.64	5.74	1.13	2.77	
September ..				2.75	.83	.69	.83	2.20	4.06	1.73	
October ...				2.83	1.54	2.90	3.70	2.79	.92	2.26	
November ..				2.66	2.37	1.58	2.19	.97	1.52	1.65	
December...				.78	4.45	3.76	2.71	.80	2.05	3.19	
TOTALS ...				25.00	23.70	31.19	26.26	26.55	22.90	29.88	

1913 Boundary Wall 12 ft high 12 ft N

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52.1	2.10	Tewkesbury	750 yds	SE	St. Mary's	1100 yds	SE

RAINFALL at *Leckham Pumping Station.*County of *Gloucester*Observer *J. L. Pickering Esq. F.R.S.*River Basin *S - Severn L.*Engineer (*Blackburn*)

M.O. Rain Gauge, by

Diameter ...	5										
Height	0.9		1 0								
Altitude ...	47										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means
January ...	2.79	2.69	2.46	1.12	3.36	1.57	2.67	2.70	3.77	.97	3.82
February ...	.60	.27	1.08	3.27	.43	2.69	2.04	2.63	1.70	.63	.46
March	2.81	1.40	2.19	1.47	1.04	.43	.44	1.90	2.79	.03	1.49
April	3.23	1.20	2.05	2.37	2.44	1.54	2.47	1.37	.85	.87	2.48
May	1.49	1.48	.65	1.56	5.86	2.72	3.78	1.41	1.08	1.68	1.54
June	2.45	.42	.75	.20	1.99	.04	1.07	2.07	2.54	1.12	.32
July	3.29	.47	3.64	1.42	4.19	3.19	1.36	3.48	1.59	1.62	2.51
August .....	.69	2.48	3.42	1.49	3.97	1.50	1.73	2.49	2.05	1.35	2.22
September...	2.29	1.41	1.83	1.88	4.15	3.54	.54	4.12	.77	.63	2.23
October	1.64	1.77	.44	4.65	3.80	2.54	2.38	1.38	4.18	3.74	1.97
November...	.43	1.62	1.22	1.13	2.15	.94	4.68	2.16	2.20	6.48	3.21
December...	1.62	1.15	2.73	2.49	2.80	2.23	.47	2.84	1.98	4.07	3.30
TOTALS...	23.33	16.36	23.46	23.05	36.18	22.93	24.13	28.55	25.50	23.19	25.55
	0	D	D	P	D	D	P		D	D	

1920. Boundary wall 13 ft. 12 ft. N.

" Gauge found to be defective and new one to be obtained.
Record about 3 in. too low but spread out over months.

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.	52° 1'	2° 10' W	Leckham	150 yds.	S.E.	Leckham	1100 yds.	S.E.
						(1929)	110 yds	"

RAINFALL at Lewkesbury Pumping StationCounty of Gloucestershire

Observer

J. S. Pickering Esq. C.F.River Basin Severn Left Bank Drain - D.G. Gould Marden (1933)

Type of Gauge.....

Annual Average 23.9 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref 3

768354/27.

Diameter	5										
Height	1.0										
Altitude	47										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals
January	1.01	2.07	1.74	1.77	1.45	2.70	2.41	2.30	4.46	2.83	21.74
February	1.93	.18	2.77	.35	1.53	2.03	3.49	.66	.87	2.06	15.86
March	.17	1.35	2.15	1.45	.37	1.86	2.50	.14	1.68	1.38	13.05
April	3.09	2.44	0.68	1.98	3.81	1.91	2.06	.16	2.40	2.18	20.71
May	3.93	6.24	1.67	.65	1.70	.47	2.23	1.40	.92	1.89	21.10
June	3.92	1.05	2.78	.42	2.81	2.94	1.02	.68	1.30	1.10	18.02
July	3.36	1.97	0.93	.78	.22	5.54	3.74	2.26	4.22	2.27	25.29
August	4.21	3.84	0.43	1.71	1.16	.19	.34	2.11	2.26	.14	16.39
September	2.48	3.36	1.85	1.40	2.84	2.56	2.17	1.72	.53	.62	19.53
October	.65	4.09	3.86	.83	2.68	1.19	2.08	2.07	2.78	3.77	24.00
November	3.59	1.27	0.64	1.72	4.28	1.99	1.54	2.40	3.45	5.41	26.29
December	1.03	1.15	0.25	4.28	2.83	2.23	1.97	2.62	1.25	1.58	19.19
TOTALS	29.37 D.	29.01 D.	19.75 D.	17.34 D.	24.68 D.	25.61 D.	25.55 D.	18.52 D.	26.12 D.	26.22 D.	241.17 D.

1931. Boundary wall 13'2" high 12' N.E.

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.			Lewkesbury	170 yds	S.E.	Soby Family	110 yds	S.E.
1940.				925			817	

Station No. 2180

RAINFALL at Lewkissbury Pumping Station

41

County of GloucestershireObserver G. Gould, W. Marsland, Esq. CE.River Basin Swan: Left Bank Ints-3Cheltenham & Glos. Water Board.

Type of Gauge.....

Annual Average 23.9 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. 5File No. 768354/27

Diameter	5"				4 7/8"	5 7/8"						
Height	1' 0"					1						
Altitude	47'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Total
January	2.84	2.97	5.05	1.76	1.61	2.14	1.74	3.77	1.31	.50	23.69	
February	2.07	.72	1.34	.75	1.46	1.31	.71	.78	1.06	3.91	14.11	
March	2.06	1.88	1.49	.29	1.10	.79	4.49	1.23	1.20	1.19	15.72	
April	1.01	1.27	.36	1.07	1.32	1.38	2.01	1.77	1.86	2.29	14.34	
May	1.56	3.00	2.82	.38	2.50	2.67	1.74	2.49	1.76	2.03	20.95	
June	1.31	.08	1.93	1.90	2.90	1.91	1.44	1.42	.23	2.68	15.30	
July	2.82	1.33	.73	3.22	2.34	1.10	2.93	.67	1.38	2.72	19.24	
August	3.36	3.14	1.09	3.06	1.92	4.05	.78	2.81	1.40	5.72	26.33	
September	.33	1.72	2.07	2.42	1.68	2.86	1.93	2.60	1.87	2.89	20.37	
October	2.06	2.02	2.07	3.18	2.85	.42	.20	2.28	5.14	.83	21.05	
November	2.32	1.45	1.23	4.40	.44	4.19	1.42	.88	2.51	4.88	23.23	
December	1.60	2.98	1.08	2.35	4.31	1.91	.96	2.76	1.44	1.64	21.03	
TOTALS	23.34	22.56	21.26	24.78	24.43	24.73	20.35	23.46	21.16	26.28	235.35	

1941 Boundary Wall 13' high 12' N.E.

1943 Sd inspection 1943.

1950 N.P. high.

redacted
2138
1941-1950Position 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. Lewkissbury	928 y.	S.E.	Holy Trinity	817 y.	S.E.

BRITISH RAINFALL ORGANIZATION

Station No. 2180

RAINFALL at Tenkisbury (Pumping Station)

51

County of Gloucester

Observer Cheltenham Glos. Water Board

River Basin Severn - L. Bank Trib. - 3

Type of Gauge

Annual Average 23.9 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref S
25.6 " " 6 " " 1951-56 " " " 1916-1950
File No. 768354/27 S

Diameter ...	5"				447	570					
Height ...	1' 0"					1					
Altitude ...	47'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January ...	2.32	1.62	.69	1.32	2.45	3.12	1.53	1.71	3.37	3.21	21.34
February ...	2.80	.55	1.25	2.42	1.19	.42	2.25	3.09	.09	1.66	15.42
March ...	3.36	1.92	1.04	1.93	1.79	.46	2.00	.90	2.11	1.15	17.16
April ...	2.79	1.79	2.46	.32	1.65	1.24	.01	.41	2.22	1.04	18.93
May ...	3.35	3.20	2.09	1.75	5.14	.71	.91	2.41	.53	1.24	21.33
June ...	.58	1.68	1.81	2.89	3.28	1.39	.99	2.49	1.05	1.65	18.31
July ...	.66	.38	3.85	1.96	.37	2.79	2.84	3.04	1.30	2.58	19.77
August ...	4.05	3.74	2.45	3.38	.40	3.77	4.51	1.72	1.03	3.61	28.66
September ...	1.92	.84	2.39	1.72	.92	2.88	3.27	3.70	.15	3.85	21.64
October ...	1.35	4.49	1.49	3.07	.85	1.38	1.19	2.30	1.56	4.49	22.67
November ...	5.48	3.17	.76	4.81	2.98	.80	1.58	3.57	3.32	3.74	30.21
December ...	1.48	2.21	.70	1.70	2.04	2.12	1.96	2.29	4.46	2.15	21.11
TOTALS ...	30.64 N.P.	25.59 D	20.98 D	26.97 D	23.06 D	21.08 D	23.04 D	28.13 D	21.19 D	30.87 D	251.55

1951. Slight small leak Jan. aug record not unreasonable. n.p. Boundary wall is high at N.E.
1952 Slightly low but print.

o/s no known rain

50(32) 890337

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference 50(32) 890337

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Tenkisbury (mild Res.)	925 x	Tenkisbury Holy Trinity	817 x

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	c 1913 Sheet - 13	✓ Sheet - 27	✓	✓ n.p. 50	