

RAINFALL at Lechlade St John's LockCounty of GloucestershireObserver R. A. Swarbrick EsqRiver Basin Thames-Windrush &cThe Thames Conservancy

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Rain Gauge, by _____

Diameter ...				5								
Height				3.2								
Altitude ...				2395								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Totals.
January ...				3.22	.37	2.90	1.18	1.06	2.61	2.90		7.75
February ...				1.03	1.97	2.52	3.65	1.12	1.25	2.31		8.33
March				2.58	3.53	1.02	3.81	2.03	.84	3.84		10.52
April				3.10	.82	.91	.87	1.10	2.93	1.88		6.78
May				1.80	.91	3.07	1.82	2.71	1.86	.78		7.17
June51	1.91	.90	1.62	3.13	.70	1.70		7.15
July				1.62	3.15	3.77	1.08	2.84	3.67	2.15		9.74
August73	1.79	2.91	3.54	4.88	1.58	2.43		12.43
September ..				2.25	.88	1.60	.94	1.83	4.41	1.59		8.77
October ...				2.90	2.05	3.56	4.39	3.50	1.38	1.32		10.59
November ..				2.09	4.23	.75	2.75	.82	1.76	1.19		6.52
December...				.98	4.62	4.30	3.31	1.32	2.27	3.84		10.74
TOTALS ...				22.81	26.23	28.11	28.96	26.34	25.26	25.93		106.49
				D	D	D	D	D	D	D		422

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			<u>Lechlade</u>			<u>Lechlade</u>		

RAINFALL at *Lechlade (St. John's Top)*County of *Gloucester*Observer *R. A. Leachbrick Esq.*
*Thomas Cunningham, St. John's Top*River Basin *7 - windsor*

Rain Gauge, by _____

Diameter ...	5								5		5	
Height	2.2								1.0		1.7	
Altitude ...	239								236		237	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	2.15	2.25	2.01	1.30	3.32	1.65	3.91	3.02	3.82	1.03	3.83	Totals 28.29
February ...	0.69	.43	2.67	3.52	.27	3.07	2.20	3.68	2.35	.65	.54	20.07
March	1.72	.96	1.98	2.09	.75	.23	.77	2.66	1.23	.15	1.55	14.09
April	4.64	1.04	2.66	1.91	2.07	1.05	2.12	1.70	.81	1.11	2.27	21.38
May	3.09	1.36	1.00	1.04	5.14	4.08	3.05	1.15	.71	1.55	1.29	23.46
June	2.38	.42	1.51	.29	2.44	.09	3.13	3.38	2.59	1.02	1.48	18.70
July	4.54	.18	3.53	1.50	3.23	3.31	2.14	3.35	3.01	1.27	3.02	29.08
August	0.88	1.20	4.06	2.22	2.44	3.34	1.68	4.11	1.96	1.89	2.06	25.84
September...	1.41	1.60	1.25	2.48	4.12	3.27	1.47	6.41	.99	.40	3.46	26.86
October	2.59	1.43	.75	4.01	3.49	2.90	2.28	1.52	3.82	3.38	1.73	27.90
November...	0.60	1.88	1.34	1.02	1.61	1.64	5.54	2.47	2.76	5.73	3.38	27.97
December...	1.86	1.34	2.66	2.76	4.29	2.78	.51	3.02	2.71	5.31	3.22	30.46
TOTALS...	26.52	14.09	25.42	24.14	33.17	27.41	28.80	36.47	26.76	23.49	27.83	274.10
	0	0	0	0								44

1923. Shed 15" high left to S.

1928. Jan. 1. G. moved from 3' 1 1/2 to 1' 0" in same spot.

Inspected 11/130 see Green file.

1930. 21. Oct. New G. in improved position as recommended by Dr. Glasfords

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	Parish Church.	Distance from gauge	Direction
<i>St. John's Top</i>			<i>Lechlade</i>			<i>Lechlade</i>		

RAINFALL at Lechlade (St. Johns Lock)County of Gloucestershire Observer James ConewrightRiver Basin Thames - Windrush &c

Type of Gauge.....

Annual Average 24.2 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. 3

660626/26.

Diameter	5											
Height	1 7									1 0		
Altitude	237											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Months
January	1.35	2.08	1.64	1.86	.53	2.95	3.54	2.80	4.52	2.87	24.14	
February	1.75	.12	3.18	.19	1.93	1.72	4.58	.84	.98	2.00	17.29	
March	.16	1.86	2.77	1.70	.45	1.87	2.48	.25	1.41	2.10	15.05	
April	2.95	2.61	1.29	2.14	3.46	1.05	3.02	.05	3.25	1.76	21.58	
May	4.47	6.01	1.15	.73	1.45	.89	2.50	1.80	1.34	1.86	21.90	
June	3.49	.93	2.08	1.45	3.54	2.00	1.63	1.10	1.92	.60	18.74	
July	2.96	2.99	1.64	1.45	.68	4.51	1.82	1.68	4.88	2.90	25.51	
August	2.95	1.30	1.37	1.41	1.61	.34	.54	3.78	1.57	.09	14.96	
September	1.52	3.27	3.23	1.51	4.43	2.27	1.99	2.77	1.59	1.08	23.86	
October	.66	4.66	2.14	1.39	4.41	1.61	3.33	3.17	3.90	2.69	27.96	
November	3.23	1.62	0.71	1.70	4.65	2.95	1.22	2.77	4.62	7.19	30.66	
December	1.15	.63	0.47	4.77	2.95	2.89	1.87	2.32	1.75	1.17	19.67	
TOTALS	26.64	28.08	21.67	20.30	30.09	24.65	28.52	23.33	31.73	26.31	261.32	42/16

Site near Oct. 1883 & 1884. The gauge was afterwards removed to a better site, less exposed than the former one.

† 1/2 mile better from Thames. Cus. 18.41

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

Station No. 2201RAINFALL at Lechlade (St John's Lock)

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County of Gloucestershire Observer Thames ConservancyRiver Basin Thames-Windrush E.C.7Type of Gauge M.S.Annual Average 24.3 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. 5File No. 660626/26

Diameter	5"			251	529							
Height	1'7"				1							
Altitude	237				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	2.88	3.14	4.33	1.67	1.75	1.89	1.42	5.06	1.07	.44		23.85
February	2.54	.75	.93	.83	2.04	2.33	1.33	1.08	.97	4.46		17.32
March	2.87	2.08	1.06	.33	.90	.92	6.22	.93	1.50	.98		17.79
April	1.01	1.08	.70	1.83	1.05	1.55	2.40	2.02	1.42	1.98		15.04
May	1.23	4.40	2.58	.62	2.32	3.50	1.59	4.16	2.50	2.50		25.40
June	1.82	.23	1.62	1.66	3.32	2.91	1.41	1.65	.43	1.54		16.59
July	2.20	1.82	1.23	2.14	1.90	1.01	2.30	1.20	2.82	3.91		20.53
August	3.36	3.36	2.23	1.86	2.26	5.06	.44	3.59	1.74	3.31		27.21
September	.74	1.62	1.13	2.44	1.60	3.01	1.38	2.03	2.02	2.45		19.42
October	1.47	3.20	2.90	3.46	3.34	.98	.39	2.80	5.72	.62		24.88
November	2.49	2.11	1.65	4.41	.26	4.92	1.41	1.58	2.97	4.86		26.66
December	1.69	3.64	.97	1.48	3.62	1.68	1.94	3.46	1.14	1.63		21.25
* TOTALS	24.30 D	27.43 D	21.33 D	22.79 D	24.36 D	29.76 D	22.23 D	29.56 D	24.30 D	29.68 D		255.74 1886

1948 House 24' high. 60' N., Shed 6' high, 50' E by S., Shed 8' high 56' E by N.

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.
1948.			Lechlade	1 m.	N.	Lechlade	1/2 m.	W.

Station No. 2201

RAINFALL at Lechlade (St John's Lock)

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County of Gloucester

Observer Thames Conservancy

River Basin Thames-Windrush 0.67

Type of Gauge M.O.

Annual Average 24.3 in. based on 17 years obs. unweighted. Period of average 1881-1915 Ref S
26.22 " " 35 " " 1916-1950 1916-1950 P
File No. 660626/26

Diameter ...	5"				251	529					
Height ...	1' 6"	1' 7"				1					
Altitude ...	237					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January ...	2.78	1.76	.70	1.45	2.24	3.49	2.05	2.85	3.98	4.02	25.32
February ...	3.50	.49	1.19	2.35	1.54	.16	3.35	3.31	.08	2.09	18.06
March ...	3.80	2.45	.98	2.40	1.43	.36	2.30	1.13	2.93	1.18	18.96
April ...	2.49	1.66	1.67	.27	.48	1.76	.33	.79	2.66	0.89	13.00
May ...	2.52	2.72	1.69	1.89	4.05	.24	1.70	2.48	.72	1.57	19.58
June ...	1.19	1.56	1.41	3.64	2.91	2.37	1.54	3.41	.93	3.73	23.19
July95	.30	2.57	1.81	.23	2.20	2.47	2.50	1.85	3.37	18.25
August ...	4.91	5.31	2.98	3.57	.63	4.51	3.31	3.23	2.40	2.65	33.50
September ...	3.04	.97	2.23	2.22	.71	3.91	3.04	3.52	.26	3.76	23.66
October ...	1.12	4.09	2.92	2.31	1.46	2.16	2.04	2.51	1.62	5.72	25.94
November ...	5.47	3.79	1.05	4.73	1.37	.81	1.79	2.69	1.73	4.65	28.08
December ...	2.04	2.14	.60	1.86	3.04	4.47	1.91	3.53	5.15	4.10	28.89
TOTALS ...	33.81	27.24	19.99	28.50	20.09	26.43	25.83	32.50	24.31	37.73	276.43

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 54(1)222991

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge		Parish Church.	Distance Direction from gauge.	
199			Lechlade	1 m.	N.	Lechlade	2 m.	W.

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
	219.13 ✓	✓ 320-23	✓ ✓	✓ ✓	