

RAINFALL at Long Sutton, Agricultural CollegeCounty of HampshireObserver The WardenRiver Basin Thames Soddon 8

1926 The Meteorological Records.

M.O. Rain Gauge, by

Diameter ...					5						
Height					1.0						
Altitude ...					480						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mean
January ...					2.67	2.95	4.85	2.14	5.08	1.41	5.18
February ...					.48	4.86	1.99	4.30	2.26	.63	1.40
March					1.54	.49	.56	3.53	2.74	.08	1.42
April					3.35	2.79	3.18	1.76	1.78	.77	2.33
May					4.01	3.79	2.22	.99	1.66	1.87	1.62
June					2.77	.01	2.83	3.22	2.65	1.21	.67
July					4.58	2.69	1.05	2.59	1.64	2.55	1.42
August					2.88	3.23	1.44	3.07	2.90	1.34	3.94
September...					4.31	3.19	1.06	5.87	1.29	.34	3.74
October.....					4.11	3.83	3.02	1.83	5.39	4.39	1.56
November...					2.98	1.89	6.16	4.13	2.41	8.28	5.63
December...					5.69	4.17	.30	3.65	2.78	7.66	2.76
TOTALS...					39.37	33.39	28.66	37.28	32.64	30.53	31.67

1929 "The gauge is placed in a fully equipped weather station enclosure, laid out according to regulations found in the meteorological office observer's handbook & is inspected regularly by a meteorological office Representative."

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

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1924	51° 12' 0"	0° 55' 40"	Hitchfield					
1926			"	7 m	NNE	Long Sutton	3 1/2 m	NNW

RAINFALL at Long Sutton (Ag. Coll.) M.W.B.County of HampshireObserver The WardenRiver Basin Thames - Lodon BLord Wandsworth Ag. Coll.

Type of Gauge.....

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

Diameter	5											
Height	10											
Altitude	479											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	1.71	3.26	2.63	2.77	.62	5.88	6.90	3.50	5.70	2.75	3572	
February	2.43	.19	5.03	.10	3.73	2.74	5.53	.56	1.53	2.85	2469	
March .....	.23	1.92	3.87	3.04	.59	1.85	4.61	.13	1.35	3.30	2094	
April	2.69	2.54	0.88	1.94	3.76	1.80	2.25	.07	2.46	1.53	1992	
May	2.88	5.08	2.43	.73	1.02	.82	4.69	1.55	1.14	.84	2118	
June	2.50	1.61	1.45	1.40	2.99	2.96	1.26	.62	1.67	.82	1718	
July	3.65	2.33	1.87	1.80	1.11	4.30	.70	2.31	4.27	2.89	2573	
August	3.73	2.00	0.81	2.41	3.30	1.01	1.98	1.44	1.51	.10	1829	
September	1.81	2.81	5.13	1.86	4.81	3.03	1.99	1.20	.81	1.85	2530	
October .....	.47	4.72	1.99	1.46	4.89	2.27	3.70	2.62	5.77	4.13	3302	
November	3.87	1.66	0.62	2.48	6.63	3.59	2.22	4.26	6.41	8.34	4010	
December .....	.83	.89	0.54	7.86	3.83	3.55	4.19	4.02	1.57	1.81	2909	
TOTALS	26.80	29.03	27.25	27.86	37.28	33.80	40.02	23.72	34.19	31.21	31116	150

Activation & description of station given on Jan 1854 of 12.2.40

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

RAINFALL at Long Sutton

County of Hampshire

Observer Lord Wandsworth College.

River Basin Thames-London S.

Type of Gauge

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

" " 28.2 in computed by his formula (1936)

File No.

Diameter	5"				27	868						
Height	1' 0"					3						
Altitude	479'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Total
January	2.88	3.61	6.80	2.20	1.91	3.01	3.21	6.71	1.30	6.7	32.30	
February	3.30	.67	1.46	1.03	2.63	2.32	1.75	1.75	1.73	5.21	21.85	
March	3.72	2.21	.55	.26	.66	1.26	5.58	1.23	1.65	1.68	18.80	
April	1.71	1.85	1.09	1.31	1.47	2.42	2.67	2.00	2.50	2.58	19.40	
May	2.24	3.64	3.32	.79	1.87	3.43	1.33	2.56	2.36	1.54	23.08	
June	1.96	.39	1.27	2.95	2.44	2.91	1.71	2.47	.70	1.21	18.01	
July	4.55	1.82	1.60	2.17	3.58	2.15	2.15	.98	1.00	5.15	25.15	
August	5.40	2.83	1.87	1.22	1.39	4.69	.47	4.33	2.00	4.61	28.81	
September	.13	1.40	1.63	2.45	2.59	5.09	1.20	2.43	1.50	3.24	21.66	
October	1.15	3.68	4.36	4.67	4.31	1.19	.79	2.51	7.79	.57	31.02	
November	3.40	2.16	2.09	4.78	.43	6.73	1.52	1.53	3.55	5.76	31.95	
December	2.33	4.24	1.83	2.73	4.22	3.32	3.45	5.34	1.70	2.16	31.32	
TOTALS	32.77	28.50	27.87	26.56	27.50	38.52	25.83	33.84	27.58	34.38	303.35	

Inst. 12/14/50 New L.P. Smith. Exp. satisfactory, gauge battered. (New one recommended).

by 748

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

1 mile to 1 inch Series

Reference No.

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

RAINFALL at Long Sutton

51

County of Hampshire

Observer Lord Wandsworth College.

River Basin Thames - Loddon S.

Type of Gauge M.O. (14.X.52)

Annual Average 30.1 in. based on 22 years obs. 2-weighted. Period of average 1881 - 1915 Ref. 1WS

- 28.2 in. computed by Mr. Cornish (1936) 1916-1950 P
ref. 561245/36 File No.

Diameter	5"				271	868						
Height	1'0"					3						
Altitude	479'					5'	512'					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January	3.98	2.66	.81	1.35	3.41	4.01	2.07	3.61	3.35	3.67	28.92	
February	6.34	.91	1.41	2.93	1.46	.17	4.08	2.76	.19	2.79	23.08	
March	4.72	2.91	.73	2.77	1.29	.76	1.74	1.47	3.49	1.98	21.86	
April	3.28	1.82	2.51	.26	.31	.84	.23	.68	2.77	.78	13.48	
May	2.99	3.06	2.18	2.28	3.23	.48	1.02	2.49	1.20	1.71	20.44	
June	1.11	1.66	2.01	2.67	3.11	2.33	.80	2.80	1.02	1.52	19.03	
July	3.62	.80	3.27	2.39	1.07	5.26	4.20	1.78	3.11	3.55	29.05	
August	4.97	3.67	1.82	3.38	1.13	3.97	2.30	3.76	2.87	4.36	32.23	
September	3.11	2.95	2.26	2.56	1.85	4.41	2.39	4.27	.08	3.71	27.59	
October	.84	4.04	4.06	2.80	4.85	1.18	2.30	3.06	2.96	8.91	35.00	
November	3.67	3.73	1.33	5.11	3.13	.65	3.08	2.83	3.35	4.59	36.47	
December	2.88	2.21	.78	2.63	3.59	4.91	3.11	2.96	6.28	4.49	33.84	
TOTALS	46.56	30.42	23.17	31.13	28.43	28.77	27.32	32.47	30.67	42.06	320.99	
	D	D	D	D	D	D	D	D	D	D		

Inspected Feb. 1956 by H. E. H. S. Rogers. Rain gauge moved to satisfactory site about 440 yds S.W. of original over-sheltered position in July 1956.

Has altitude 512 feet.

Inst. by L.R.S. with 11 Nov 1956 - satisfactory.

1958. May adj. 23.6.60.

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference SU(41) 74847

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-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		c 1924	✓	✓ NP imp 49	
		16.6.50	✓	✓ bnd 48	