

RAINFALL at Long Sutton, Agricultural CollegeCounty of HampshireObserver The WardenRiver Basin Thames London S

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	
January ...					2.67	2.95	4.85	2.14	5.08	1.41	5.18
February ...					1.48	4.86	1.99	4.30	2.26	.63	1.40
March					1.54	.49	.56	3.53	2.44	.08	1.42
April					3.35	2.29	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	2.44	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	80.53	31.67

1929 "The gauge is placed in a free, 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 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
1924	51° 12' "	0° 55' 40"	Winchfield					
1926		"	"	7 m	NNE	Long Sutton	3/4 m	NNW

RAINFALL at Long Sutton (Long Sutton) M.W.R.

County of Hampshire.....

Observer The Warden.....

River Basin Thames-London S.....

Lord Wardsworth Agt. 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	Total
January	1.71	3.26	2.63	2.77	1.62	5.88	10.90	3.50	5.70	2.75	3572	
February	2.43	1.19	5.03	1.10	3.73	2.44	5.53	.56	1.53	2.85	2469	
March	-23	1.92	3.87	3.04	.59	1.85	4.61	.18	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	.52	1.67	.82	1712	
July	3.65	2.33	1.87	1.80	1.11	1.30	.70	2.81	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	1.47	4.72	1.99	1.46	4.89	2.27	3.70	3.62	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	23.73	34.19	31.21	31116	1100

Activation & description of station given on June 1854 of 12.2.440

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

Station No. 7468 M.W.B.

RAINFALL at Long Sutton.

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County of Hampshire.

Observer Lord W. Mandeville, 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 Mr. Cornish (1936) ref. 561245/36 File No.

Diameter	5"				371	868					
Height	1' 0"					3					
Altitude	479'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total 10
January	2.88	3.61	6.80	2.20	1.91	3.01	3.21	6.71	1.30	1.67	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	1.13	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

Group 12/4/50 Mr. L.P. Smith. Each satisfactory gauge gathered. (New one recommended).

Ref 748

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

RAINFALL at Long SuttonCounty of HampshireObserver Lord Wansorth CollegeRiver Basin Thames - Rotten 8

Type of Gauge M.O. (1.4 x 52)

Annual Average: 30.1 in. based on 22 years obs. ~~22~~-weighted. Period of average 1891 - 1915 Ref. 1.W.S.
 - 28.2 in. computed by Mr. Connish (1936) File No. 3196-1950 P
 ref. 561245/36

Diameter	5"	31.33	for Gated on 28 yrs 1929-1956	271	868						
Height	1' 0"				3						
Altitude	479'				51	512'					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January	3.98	2.66	.81	1.55	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	3.26	1.82	2.51	.26	.31	.84	.23	.68	2.45	.77	13.48
May	2.99	3.06	2.18	2.28	3.23	.28	1.02	2.10	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	3.94	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	3.83	3.35	4.59	36.47
December	3.88	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 Mr. E.H.S. Rogers. Rain gauge moved to satisfactory site about 440 pds S.W. of original oversheltered position in July 1956.

New altitude 512 feet

Inst. by L.R.S. 11 Nov 1958 - satisfactory.

1958. May adj. 23.6.60.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SU(4) 748467

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance 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 16 and 30	✓	✓ NP imp 49 ✓ but d 48	