

RAINFALL AT *Wistow Hall Gardens*

Lat.

Lon.

County of *Leicestershire*

Syringe Rain Gauge, by

Observer *Pres. Cutting Mr. P. G. Rank**Wistow R. bank - 4.**Mr. R. W. Thatch*

Diameter ..						8	5				
Height						3	8	1	1		
Altitude ..					270?	310					
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..						.52	3.08	1.00	.92	1.04	
February ..						.54	1.77	1.01	1.06	.55	
March						2.24	1.55	.90	2.62	2.40	
April						1.82	.75	2.18	2.71	1.33	
May31	1.73	3.35	1.58	1.43	
June						2.92	3.36	2.16	1.48	2.81	
July85	1.03	2.88	2.87	3.14	
August						3.35	1.09	2.61	3.17	2.55	
September ..						2.66	1.15	1.27	1.54	2.23	
October						1.39	3.87	4.66	1.12	2.84	
November ..						2.50	3.16	1.99	.97	.55	
December ..						.98	2.20	3.01	1.50	3.01	
TOTALS ..					1981	20.08	24.74	27.02	21.54	23.88	

1905 *Wistow Church* ²⁵⁰ yards NE*Signal Station* 1 mile NNE*Hall* 40 to 50 ft high 37 yards N*Elm tree* 75 - - 20 - - SW*Cedar* 25 - - 20 - - E1906 June 12: *New gauge fixed* 3 yards from old

RAINFALL at *Wistow Hall Gardens*County of *Leicestershire*Observer St *Ed Lord Cottisloe C.B.*River Basin *Trent - Rt Bank Tribs 4.**Snowdon* Rain Gauge, by *No. 1.*

Diameter ...	5											
Height	1	0										
Altitude ...	309											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	2.32	2.23	3.27	1.42	2.11	1.38	3.03	2.47	3.85	1.55	3.04	Totals 26.47
February86	.28	2.42	3.58	.81	2.57	2.99	2.38	1.46	.40	.65	18.70
March	2.23	1.28	1.29	1.43	.93	1.00	.74	2.11	1.55	.05	1.71	14.52
April	4.87	1.18	3.10	1.76	2.30	1.58	1.66	1.68	1.02	1.58	2.75	23.48
May	2.12	1.88	.81	1.18	3.40	3.88	2.07	.61	1.32	2.43	3.28	23.98
June	1.75	1.02	.78	.45	2.49	.08	2.11	2.21	3.16	1.49	1.42	18.96
July	2.78	.16	4.54	3.52	3.46	2.33	1.80	2.50	1.21	1.45	3.83	27.58
August	1.15	3.10	4.51	2.04	2.56	1.54	1.99	3.28	2.45	1.60	2.31	26.83
September...	1.80	.79	2.31	2.88	2.15	2.95	2.18	4.11	.89	.41	3.04	23.81
October	1.06	1.94	.75	3.20	3.65	3.00	2.04	1.68	3.41	2.94	1.68	25.68
November...	1.07	1.59	.99	1.82	2.62	1.79	3.53	3.68	3.19	5.34	2.33	27.95
December...	2.05	1.90	3.52	2.55	2.38	1.95	.73	2.55	2.19	4.42	2.33	26.87
TOTALS...	24.06	17.35	28.49	25.83	28.86	24.05	25.87	31.26	26.60	24.09	28.37	284.83
	D	D	D	D	D	D	D	D	D	D	D	44

1920 Hall 30ft high 25 yds N.E.

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° 23' 20"	1° 13' 15"	Gt Glen	1170 yds	NE by E	St Hilda's	310 yds	E of N.E.

RAINFALL at Wistow Hall GardensCounty of Leicestershire Observer The Lord Carrington, C.B.River Basin Trent - Right Bank Tribs 4Type of Gauge SnowdonAnnual Average 22.5 in. based on 34 years obs. un-weighted. Period of average 1881-1915 Ref 5

16245/20

Diameter	5											
Height	1	0										
Altitude	301											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.81	1.24	1.41	1.82	.98	3.37	3.32	2.76	4.75	2.10		<u>7.26</u> 23.56
February	3.00	.42	2.32	.51	2.11	2.04	2.92	.70	.46	3.06		<u>18.04</u>
March	.13	1.37	3.40	1.41	.51	1.42	2.68	.22	1.83	2.12		<u>15.09</u>
April	3.90	2.70	.90	2.30	2.93	1.97	2.89	.07	1.82	2.22		<u>21.70</u>
May	2.55	4.71	1.38	.65	.71	.89	3.02	1.55	.94	1.06		<u>17.51</u>
June	2.09	.56	2.80	.76	3.49	4.87	.98	1.70	1.63	1.09		<u>19.97</u>
July	3.77	4.25	1.34	2.11	.68	4.95	2.91	2.46	3.74	2.70		<u>28.9</u>
August	3.22	1.80	.91	1.39	2.09	1.13	.67	3.37	4.62	.25		<u>17.45</u>
September	2.76	3.18	2.07	1.25	3.27	2.65	1.01	1.50	.61	.94		<u>19.24</u>
October	.64	3.23	2.38	1.35	2.59	1.52	2.20	2.05	3.51	3.60		<u>23.07</u>
November	2.58	1.88	1.73	1.80	4.23	2.29	1.40	2.22	3.34	5.68		<u>27.10</u>
December	.88	.79	.35	4.02	3.08	1.76	1.92	3.03	1.16	2.14		<u>17.13</u>
TOTALS	27.28	26.13	20.99	19.37	26.67	28.86	25.92	21.63	28.96	26.96		<u>253.77</u> 4.06

Wistow Hall 30' high 75' NE

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
			Great Glen LMS.	1170 yds	NE by E	Wistow	310 yds	E of NE

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 2499RAINFALL at Wistow Hall Gardens

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County of Leicestershire Observer The Lord Cottesloe C.B.River Basin Trent Right Bank - AType of Gauge StandardAnnual Average 23.6 in. based on 24 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 16248/30

Diameter	5"			111	739							
Height	1' 0"				1							
Altitude	309'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.12	2.39	3.78	2.23	2.03	1.67	1.50	3.75	1.02	.64		Totals. 22.13
February	1.99	.71	1.00	1.24	1.81	2.70	1.50	1.11	.86	4.10		17.02
March	3.00	1.38	1.10	.31	.63	.98	5.09	.66	1.73	1.27		16.20
April	1.86	.90	.70	1.95	1.10	1.78	2.20	1.57	2.19	2.09		16.34
May	2.49	2.84	2.65	.88	3.26	1.78	1.46	2.69	2.44	1.95		22.44
June	1.22	.24	2.94	2.30	2.33	2.88	1.47	1.69	.61	2.11		17.84
July	5.96	2.09	.95	2.72	2.67	1.75	1.99	1.69	2.49	2.53		24.86
August	3.32	1.94	1.53	2.69	1.81	4.30	.26	6.48	1.53	2.31		26.17
September	.44	1.19	1.81	2.84	1.01	3.32	1.07	3.87	1.72	3.25		20.52
October	1.93	3.11	1.85	2.45	3.22	1.28	.26	3.12	5.55	.72		23.49
November	2.74	1.94	1.57	3.47	2.9	5.47	1.55	1.64	2.81	3.94		25.36
December	.86	2.00	.72	1.29	2.32	2.34	2.28	2.79	1.76	1.69		18.07
TOTALS	28.95 D	20.73 D	20.60 D	24.37 D	22.53 D	30.19 D	20.63 D	31.06 D	24.71 D	26.60 D		250.42

1941 Wistow Hall about 30 high about 25 yds. N.E.

* Corrected by F. 1090, 7/4/56. 4056

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			Great Glen	1170 yds	N E by E	Wistow	310 yds	N N E.

Station No. 2499RAINFALL at WISTON HALL GARDENS

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County of LEICESTERSHIREObserver THE LORD COTTESLOE, C.B.River Basin TRANS - R. BANK - 4Type of Gauge SNOWDONAnnual Average 23.6 in. based on 24 years obs. un-weighted.Period of average 1881 - 1915 Ref. S25.50 " " 35 " " 1916-1950File No. 162408/30

Diameter ...	5"			111	739						
Height ...	1' 0"				1						
Altitude ...	309'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.46	2.12	1.17	1.21	1.93	3.43	1.22	2.18	3.33	4.61	23.66
February ...	3.34	.72	1.54	2.51	1.66	.62	2.90	3.99	.02	1.70	19.00
March ...	3.84	2.78	1.62	2.25	2.43	1.04	2.28	1.59	2.13	1.50	21.46
April ...	2.71	2.28	2.09	.23	.91	.87	.22	.72	1.98	0.66	12.67
May ...	3.24	3.86	1.94	2.54	3.70	.70	1.49	1.93	.32	0.76	20.46
June ...	1.71	1.52	2.60	2.73	2.61	2.91	2.76	4.17	.91	2.86	24.78
July ...	1.60	.37	2.15	2.28	1.35	3.33	3.57	3.20	.95	2.85	21.65
August ...	4.49	3.26	3.02	3.24	.84	4.06	3.21	2.71	1.09	6.00	31.92
September ...	1.86	1.80	1.20	1.85	.91	1.82	4.29	2.72	.10	3.76	20.31
October75	2.82	2.80	2.83	1.23	1.94	1.08	2.07	2.09	5.20	22.81
November ...	4.98	2.67	1.30	4.68	1.30	.79	1.91	1.92	2.11	2.78	24.44
December ...	2.31	2.75	.69	2.60	2.13	2.94	2.25	2.43	4.07	3.22	25.39
TOTALS ...	33.29	26.95	22.12	28.95	21.00	24.45	27.18	29.63	19.10	35.90	28.57
	D	D	D	D	d.	d.	D	D	d	d	

1951 Wiston Hall 30', 25' 4" N;

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 42/642957

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1954			Gt. Glen	170 ^x	N.E.	Wistow	310 ^x	N.

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
	10, 11, 13-19	✓	✓	✓	
	210, 11, 15-19	✓	✓	✓	