

## RAINFALL AT Wistow Hall Gardens

Lat.

Lon.

County of Leicestershire

Syringe Rain Gauge, by

Observer Peter Cuttings M.R.J.C. Bank

Dens - R. bank - H.

Mr R.W. Thatcher

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	
May ..						.31	1.73	3.35	1.58	1.43	
June ..						2.92	3.36	2.16	1.48	2.81	
July ..						.85	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 ..						19.81	20.08	24.74	27.02	21.54	23.88

1905 Wistow Church 300 yards N E

Sifflor Station 1 mile NNE

Hall 40 to 50 ft high 37 yards N

Elm tree 75 - - 60 - S E N

Cedar 25 - - 20 - E

1906 June 1<sup>st</sup> New gauge fixed 3 yards from old

## RAINFALL at Wistow Hall Gardens

County of Leicestershire

Observer Mr R.W. Thatcher

River Basin Trent Right Bank Tributaries 4

Hm 7.77 Fennville

Col Lord Bottesford (1)

Snowdon Rain Gauge, by N.F.Z.

Diameter ...	5										
Height .....	1	1									
Altitude ...	310T	307									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.81	.93		3.59	1.31	2.17	1.50	2.22	2.13	3.47	
February ...	2.40	1.23		.64	1.56	2.70	3.68	.78	1.39	2.44	2.27
March .....	.64	1.38		4.00	2.51	1.01	4.83	1.10	1.09	3.19	10.22
April .....	1.62	.96		2.18	1.10	1.02	1.05	1.57	2.42	2.00	7.04
May .....	2.69	1.82	1.95	1.27	1.50	1.38	1.84	2.41	1.61	.86	6.72
June .....	1.10	1.78	3.71	.25	2.15	1.97	1.87	3.02	.70	.93	6.52
July .....	2.37	.20	5.16	.95	1.90	6.23	1.36	1.47	2.25	3.69	2.77
August.....	3.23	2.01	6.21	.56	1.42	2.56	3.65	5.53	2.03	2.03	13.24
September ..	.87	1.36	1.05	1.39	.73	2.12	.89	1.68	4.39	1.81	8.77
October ...	2.21	2.14	1.93	4.04	1.74	1.40	2.02	2.92	1.45	1.77	8.16
November ..	3.03	2.09	1.66	2.92	2.68	2.31	2.72	1.03	1.61	2.22	7.58
December ...	4.69	3.85	3.45	.99	5.25	4.57	2.30	.90	2.46	4.19	9.85
TOTALS ...	26.66	19.75		22.78	23.88	29.44	27.71	24.63	23.53	28.60	

1912. Hall 30ft high 25 yds NE

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1912	52°33'20".05 1.3.13.5		Fulwell	1 mi	NE	Wistow	200 yds	N

2499.  
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## RAINFALL at Wistow Hall Gardens

County of Leicestershire)

The  
Observer. Ed Lord Cottenham C.B.

River Basin Trent - R. Bank Tribs 4

Snowdon Rain Gauge, by H. G.

Diameter ...	5"										
Height .....	10										
Altitude ...	309										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
											Totals.
January ...	2.32	2.23	3.27	1.42	2.11	1.38	3.03	2.47	3.85	1.35	3.04
February ...	.86	.28	2.42	3.58	.81	2.57	2.99	2.38	1.46	.40	.65
March .....	2.23	1.28	1.49	1.43	.93	1.00	.74	2.11	1.55	.05	1.71
April.....	4.87	1.19	3.10	1.76	2.30	1.58	1.66	1.68	1.02	1.58	2.75
May .....	2.12	1.88	.81	1.18	3.40	3.88	3.07	.61	1.32	2.43	3.28
June .....	1.70	1.02	.78	1.45	2.49	.08	2.11	0.21	3.16	1.49	1.42
July .....	2.78	.16	4.54	3.52	3.46	2.33	1.80	2.50	1.21	1.45	3.83
August .....	1.15	3.10	4.51	2.04	2.56	1.52	1.99	3.28	2.45	1.60	2.31
September...	1.80	.79	2.31	2.88	2.15	2.95	2.18	0.11	.89	.41	3.04
October.....	1.06	1.94	.75	3.20	3.65	3.00	2.04	1.68	3.41	2.97	1.68
November...	1.07	1.59	.99	1.82	2.62	1.79	3.53	3.68	3.19	5.34	2.33
December...	2.05	1.90	3.52	2.55	2.38	1.95	.73	2.55	2.19	4.42	2.83
TOTALS...	24.06	17.35	28.49	25.83	28.86	24.05	25.89	31.26	26.60	24.09	28.37
	D	D	D	D	D	D	D	D	D	D	D
	7	8	9	10	11	12	13	14	15	16	17

1920 Hall 30 ft 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	Parish Church.	Distance from gauge
1920	52° 23' 20.07"	1° 3' 13.5"	Gt. Glen	1170 yds NE by E	St. Ninian's	310 yds E & NE.

## RAINFALL at Wiston Hall, Gunters.

County of Leicestershire Observer The Lord Collector, C.B.

River Basin Trent Right Bank Tributary

Type of Gauge Standard

Annual Average 22.5 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref =

16248/20

Diameter	5	Height	10	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							23.86
February	3.00	4.42	2.32	.51	2.11	2.04	2.92	.70	.96	3.06							18.04
March	1.3	1.37	3.40	1.41	.51	1.42	2.68	.22	1.83	2.12							15.09
April	3.90	2.70	.90	2.30	2.93	1.97	2.89	.07	1.82	2.22							21.70
May	2.55	4.71	1.38	.65	.71	.89	3.02	1.55	.99	1.06							17.51
June	2.09	.56	2.80	.76	3.49	4.87	.98	.70	1.63	1.09							19.97
July	3.77	4.25	1.34	2.11	.68	4.95	2.91	2.46	3.74	2.70							28.91
August	3.22	1.80	.91	1.39	2.09	1.13	.67	2.27	4.62	.25							17.45
September	2.76	3.18	2.07	1.25	3.27	2.65	1.01	1.50	.61	.94							19.24
October	6.4	3.23	2.38	1.35	2.59	1.52	2.20	2.06	3.51	3.60							23.07
November	2.53	1.88	1.73	1.80	4.23	2.29	1.40	2.22	3.34	3.68							27.10
December	.88	.79	.35	4.02	3.08	1.76	1.92	3.03	1.16	2.14							19.13
TOTALS	27.28	26.13	20.99	19.37	26.67	28.86	25.92	21.63	28.96	26.96							252.77

Wiston Hall 30' high 75° NE

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
			Great Glen L.M.S.	1170 yards	NE by E	Wiston	310 yards	E of NE

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

Station No. 2499

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## RAINFALL at Wiston Hall Gardens

County of Leicestershire Observer The Lord Cotterell C.B.

River Basin Great Right Bank - A

Type of Gauge Standard

Annual Average 23.6 in. based on 24 years obs. un-weighted. Period of average 1881-1915 Ref. S

File 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	1.10		17.02
March	3.00	1.38	1.10	.31	.68	.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		22.04
June	1.32	.24	2.94	2.30	2.38	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		24.94
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	1.72		23.47
November	2.74	1.94	1.51	3.41	2.9	5.41	1.55	1.64	2.81	3.94		25.36
December	.88	2.00	.72	1.29	2.32	2.34	2.28	2.19	1.76	1.69		18.07
TOTALS	28.95	20.73	20.60	24.37	22.58	30.19	20.63	31.06	24.71	26.60		250.42

1941 Wiston Hall about 30' high about 25' N.E.

\* Corrected by F. 1090, 7/4/56. ~~400~~

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
1941			Great Lyne	1170yds	N E by E	Wiston	310yds NNE

Station No..... 2499

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## RAINFALL at WISTON HALL GARDENS

County of LEICESTERSHIRE Observer THE LORD COTTALEK, C.B.

River Basin Trent - R. Bank - A.

Type of Gauge SNOWDON

Annual Average 23.6 in. based on 24 years obs, un-weighted. Period of average 1881 - 1915 Ref. S  
 25.50 " 35 " 1916-1950 P  
 File No. 162499/30

Diameter ...	5"			111	739							
Height ...	1' 0"					1						
Altitude ...	300'					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	2.14	3.33	4.61		23.66
February	3.34	1.72	1.54	2.51	1.66	1.62	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		12.61
May	3.24	3.86	1.94	2.84	3.70	.70	1.49	1.93	.32	0.76		20.48
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
October	.75	2.82	2.80	2.83	1.23	1.94	1.08	2.07	2.09	5.20		22.91
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		248.54
	d	d	d	d	d	d	d	d	d	d		

1951 Wiston Hall 30° 25' 4d 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	Parish Church.	Distance from gauge.
1954			Gr. Glen	n70°	N.E.	Wistow	310° 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 D 10, 11, 15-19	✓	✓	✓	✓