

## RAINFALL AT Whitmore Maer Hall

Lat.

Len.

County of Stafford

Sewer on, L - 2.

Rain Gauge, by

Observer

W. J. Johnston

W. J. Morris

Diameter . . .				5				5		
Height . . .				1 - -				1 - 6		
Altitude . . .										
Year . . .	1890	1891	1892	1893	1894	1895	1896	1897	1898	MEANS.
January . . .				4 1.23		3.57	1.42	2.13	1.55	4.32
February . . .						1.23	1.61	2.51	2.06	1.69
March . . .						2.84	3.33	2.55	1.14	1.14
April . . .						2.24	1.57	3.07	1.84	2.89
May . . .				2.53		1.05	.66	1.91	3.46	2.72
June . . .				2.05		1.33	2.88	3.60	2.45	2.53
July . . .				3.51		3.84	1.85	.82	1.34	2.21
August . . .				2.03		3.09		4.10	5.09	.92
September . . .				2.41		.64		4.04	1.40	3.57
October . . .				1.77		2.40		1.79	3.49	3.46
November . . .				2.13		2.47		2.25	2.29	1.58
December . . .				3.60		2.76		4.15	2.73	3.02
TOTALS . . .						2746		3292	2884	30.05

# RAINFALL AT Maer Hall Gardens

Lat.

Lon.

County of Stafford

Plumbeous Rain Gauge, by  
Seven, Lubbock - 2.

Observer Mrs J. Harris M. H. Pickstock  
7. J. Harrison Esq

Diameter ..	5									8	
Height ....	1.6										
Altitude ..	...										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.95	2.56	2.30	2.35	3.05	1.31	4.97	1.56	1.67	1.81	2.553
February ..	4.02	1.81	1.74	1.51	3.36	.82	2.60	2.14	2.32	1.07	2.139
March ....	1.17	2.73	2.40	4.44	1.80	4.27	2.36	1.66	3.88	2.99	2.720
April .....	1.34	2.28	2.00	1.34	1.76	1.74	1.15	1.66	3.58	2.75	1.960
May .....	1.85	1.71	3.21	3.00	2.23	.76	3.05	3.93	2.87	1.56	2.417
June .....	3.75	1.52	2.54	1.29	1.20	2.38	1.97	5.31	3.16	4.32	2.744
July .....	3.40	3.35	2.03	3.32	2.42	2.09	.41	4.61	3.18	5.47	3.028
August .....	5.80	3.87	3.41	5.12	4.41	5.03	2.13	4.09	3.42	2.79	4.007
September..	1.01	1.17	1.21	4.84	1.45	1.48	1.62	1.02	4.16	3.28	2.124
October....	3.86	2.40	3.39	6.45	1.84	2.39	5.65	4.35	2.00	5.41	3.774
November ..	3.01	2.62	2.07	3.13	1.83	3.47	2.67	3.11	2.59	1.64	2.614
December ..	4.26	3.34	2.44	1.53	1.86	.62	3.79	2.54	2.81	4.97	2.815
TOTALS ..	37.42	29.36	28.74	38.32	27.20	26.36	32.37	35.98	35.14	38.06	32.895

D D D

1903 Whitmore Station 1 1/4 Miles N E

1905 Maer Church 200 yards N

1908 Jan 1<sup>st</sup> Gauge moved 20 yards E

Hub

## RAINFALL at Maer Hall Gardens

County of Staffordshire Observer J. J. Harrison Esq. M.R.I.C.E.  
 River Basin Severn. Left Bank Tributaries 2 Mr. J. J. Harrison  
 Rain Gauge, by \_\_\_\_\_

Diameter ...	8										
Height .....	1.6										
Altitude ...	390 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.21	.89	3.69	3.85	2.19	2.86	1.88	3.02	1.96	2.84	Totals 16.19
February ...	3.08	1.60	1.07	1.12	2.40	3.89	3.89	1.27	2.51	1.79	9.70
March .....	1.06	1.59	4.18	4.23	3.59	1.45	3.27	2.08	1.56	5.92	9.46
April .....	2.59	.92	.67	4.33	1.25	1.30	1.88	1.86	1.69	1.81	12.83
May .....	2.93	.71	2.61	2.42	2.36	2.01	1.98	2.00	2.76	1.00	7.74
June .....	2.43	2.69	5.08	1.33	1.65	1.54	2.26	1.29	1.36	1.54	6.45
July .....	4.18	.33	3.69	1.61	5.84	8.16	2.97	1.37	4.07	2.51	10.92
August .....	5.02	2.07	7.52	2.49	3.95	3.82	3.09	4.40	3.02	3.11	13.62
September ..	.53	1.83	1.69	1.96	1.85	.68	3.01	1.46	6.49	2.90	13.86
October ...	2.26	2.90	2.99	3.14	1.89	2.37	5.63	6.74	1.80	4.43	18.60
November ...	6.51	2.94	3.37	2.58	3.45	3.27	3.82	2.83	1.78	2.21	10.64
December ...	4.77	4.70	2.29	1.87	7.62	4.48	2.46	1.75	5.34	5.72	15.27
TOTALS ...	37.52	23.17	38.85	30.93	38.04	35.28	36.14	30.07	34.34	35.78	136.33 7.56

1910 Shrewsburyplants 1911 Aug 3 P.M. E

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Whitmore	14 m	NE	Maer	200 yds 300	N

RAINFALL at Wast Hall Gardens.County of Staffs.Observer Mr. G. J. Harrison, O.B.E.River Basin 2 - Severn L.Pickstock  
Jim Harrison per Pickstock (1923)

Glacier Rain Gauge, by \_\_\_\_\_

Jim Harrison MBE per H. Pickstock (older)

Diameter ...	8											
Height .....	1.6											1.3
Altitude ...	390											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.	
January	2.93	2.93	3.98	2.72	2.78	2.32	3.30	2.55	6.28	1.95	4.59	Totals. 36.33
February	3.46	.79	3.12	3.19	.98	4.43	3.24	1.82	3.13	.57	.31	25.04
March	2.40	1.44	3.11	1.86	1.24	1.02	.86	3.29	1.86	.54	4.44	22.06
April	5.00	2.29	1.69	2.38	2.94	1.74	1.60	2.21	1.67	.60	2.64	24.76
May	3.49	1.12	.82	4.78	4.30	4.05	4.16	1.69	.72	2.09	2.36	29.58
June	2.54	.46	.98	.82	2.35	.07	2.31	5.53	4.16	1.55	1.34	22.11
July	6.80	.67	4.76	2.97	7.56	2.62	3.42	2.94	1.93	2.56	8.04	44.27
August	2.11	4.65	3.67	3.57	5.86	3.21	3.58	4.75	3.77	3.53	4.50	43.20
September	3.21	.97	4.53	3.38	4.98	4.92	1.55	3.71	1.11	1.50	3.60	33.46
October	2.70	2.22	.25	3.88	5.48	4.69	2.57	2.64	4.26	4.96	4.43	38.08
November	1.08	2.22	1.56	2.75	1.73	2.17	5.56	3.03	5.16	6.48	3.93	35.67
December	2.50	2.80	5.30	5.70	3.71	2.18	.70	1.79	3.06	5.50	3.90	37.19
TOTALS.	38.22	22.56	33.77	38.00	43.91	33.42	32.85	35.95	37.11	31.83	44.08	391.75

1920. Bulbosa 15 ft high. sets off. W.

x 1920 decr. corrected for wrong day. other months not corrected for wrong day.

1921. Strawberries 1 ft high 4 ft E &amp; N.

1925. Onions 1 ft 6 ft E.

15 m. 3 m. W.

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
1920.			Whitmore	1 fm. N.E.		Wast	300 yds.	N.

## RAINFALL at Maer Hall Gardens

County of Shropshire Observer Miss Harrison M.B.E.

River Basin Severn Left Bank - 2

Type of Gauge

Annual Average 32.5 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. 3.

Diameter	8									5	
Height	1.3									1' 0" 1 1"	
Altitude	390										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.03	3.28	2.21	2.71	1.56	4.64	3.98	3.73	7.18	1.89	Totals 34.21
February	3.69	2.24	4.02	4.45	3.61	2.25	5.11	.65	2.07	2.59	24.68
March	.07	2.08	2.81	2.50	1.74	2.18	2.89	.72	2.06	2.47	18.52
April	4.54	3.82	1.00	1.96	3.43	2.15	3.23	.17	1.97	3.05	25.32
May	4.84	6.02	1.46	1.30	.95	.77	2.78	3.00	1.33	1.53	23.98
June	4.44	.70	2.26	1.30	3.60	4.58	.76	2.06	1.99	1.48	23.17
July	3.61	3.24	2.10	1.64	.71	6.33	3.84	3.37	9.18	3.67	37.69
August	6.13	1.54	1.25	3.07	2.23	1.86	1.10	3.46	1.45	.54	22.63
September	3.45	2.02	1.23	2.61	4.92	4.64	1.78	1.64	.97	2.43	25.71
October	.68	6.38	5.97	3.19	5.40	2.36	2.38	3.69	3.17	4.27	37.49
November	6.39	3.35	1.39	2.95	6.06	3.57	1.40	4.45	4.73	7.33	41.62
December	2.54	1.29	0.36	5.32	3.68	2.69	4.13	3.91	1.95	3.00	23.87
TOTALS	43.41	33.96	26.06	29.00	36.89	38.02	33.38	30.85	38.07	34.25	343.89

1931. Strawberries 15" x 8' W.

1940. Cauliflower 1 1/2' high 4' E. Strawberry 1' high 4' W.

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	Parish Church.	Distance from gauge	Direction
1931.			Whitmore	1 Km	N.E.	Maer	300 yds	N.

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

Station No.....

2326

## RAINFALL at Maer Hall Gardens

41

County of

Stafford

Observer

Miss Harrison M.B.E.

River Basin

Severn - left Bank - 2

AF BEANFORD (Cast. 1949)

Type of Gauge

Annual Average 32.5 in. based on 20 years obs. un-weighted. Period of average 1881-1915

Ref S

File No. 257394/33

Diameter	5"			430	586					
Height	10'				1					
Altitude	390'				41					110'
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
										Means
January	2.15	3.88	5.07	3.83	3.34	2.86	1.99	6.45	2.94	1.51
February	3.06	1.52	1.24	1.69	2.59	5.78	1.03	1.88	.94	6.29
March	3.04	2.10	1.15	.76	1.34	1.11	5.58	.97	1.74	1.39
April	1.38	1.31	1.17	2.13	1.60	1.03	2.63	2.63	3.25	3.54
May	3.40	3.59	3.04	1.41	4.05	1.93	2.92	2.62	2.84	1.47
June	1.01	.58	2.68	2.21	2.90	2.74	1.41	5.18	.63	1.53
July	2.66	3.27	2.65	3.16	1.48	2.44	3.76	2.13	1.94	3.72
August	4.47	2.21	3.33	4.19	3.18	5.14	.64	5.19	1.77	6.82
September	.76	2.42	4.27	4.55	1.72	4.98	1.64	2.88	.64	5.14
October	3.50	2.62	2.58	5.22	5.88	.64	.58	2.80	3.49	1.23
November	3.27	.81	2.96	4.83	.37	5.36	3.26	2.00	3.37	4.66
December	1.76	3.16	1.73	2.03	3.26	3.19	2.93	4.63	3.37	2.92
TOTALS	30.45	27.47	31.87	35.99	31.71	37.20	28.37	38.46	26.92	40.22

1941 Barley 1½' high 9'E. 9W. Strawberries 1' high 4'E 9W.

1944 Strawberries 1' high 3'S.E. Sunflower 2' high 6'S.W.

Total 13  
34.02

26.01

19.18

20.57

27.17

30.92

27.30

28.54

30.89

28.87

32.86

30.46

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
1941			10 Limestone	1½ m.	N.E.	Maer.	300 yds.	N.E.

Station No. 2326

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RAINFALL at Maer Hall GardensCounty of Staffordshire

Observer

Miss Harrison M.B.E.River Basin Leven Left Bank - 2An E. Beresford (Garden)

Type of Gauge

Dial M. & G. Co. Ltd.

Annual Average 32.2 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. S  
34.30 .. " 35 " 1916-1950 1916-1950 P  
 File No. 257394/33

Diameter ...	5"				430	580					
Height ...	1' 0"		13"			1					
Altitude ...	410 from OS					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January ...	2.62	2.59	1.00	1.68	2.53	3.60	2.24	3.03	3.20	3.67	26.16
February ...	2.69	1.10	1.71	2.43	1.85	.55	2.99	3.98	.47	1.37	19.14
March ...	4.15	1.47	1.37	2.45	2.68	1.48	2.59	.98	1.40	0.49	19.06
April ...	1.97	2.23	2.89	.50	1.49	1.46	.27	.92	3.55	0.25	15.53
May ...	3.12	1.44	2.41	2.04	3.81	.15	1.43	2.47	.48	1.22	19.17
June ...	1.65	2.16	2.70	4.33	3.02	3.44	1.99	5.17	1.33	1.23	27.02
July ...	1.86	1.43	3.79	3.14	.55	5.55	7.97	4.85	1.28	1.90	32.32
August ...	4.82	2.27	3.05	5.82	1.55	5.22	6.12	3.95	1.18	4.19	38.17
September ...	2.21	3.07	2.66	3.14	3.71	2.64	7.18	4.69	.30	4.85	34.45
October ...	1.06	4.12	1.80	5.02	1.99	2.49	2.53	3.67	2.04	4.10	28.82
November ...	5.80	1.89	1.98	4.96	1.96	1.64	1.91	1.80	2.30	4.70	28.94
December ...	3.36	2.65	1.23	3.41	2.39	3.01	1.36	2.80	4.17	2.66	27.04
TOTALS ...	35.31	26.42	26.59	38.92	28.53	31.83	38.58	38.31	21.70	30.63	315.82
	D	d	d	d	d	d	d	d	d	d	

1951 gauge on open ground

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference \$7(33)794382

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Whitmore	1½ m.	Maer	500 x

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
		✓	✓	✓	✓	
		D 11	d 25 226 - 30		✓ but d 43 - 30	