

RAINFALL AT

Ellisfield Manor

Lat. _____

Lon. _____

County of *Hampshire*

Rain Gauge, by _____

Observer *H. Hoare Esq*

Diameter ...											
Height											
Altitude ...										600	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...							6.04	1.03	2.33	.60	
February ...							3.04	1.77	1.18	.51	
March							1.82	1.35	2.85	4.84	
April71	5.14	2.73	2.51	
May							1.61	3.48	2.59	1.55	
June							2.14	2.03	.79	6.51	
July50	2.01	2.34	4.44	
August							1.57	2.78	3.47	2.35	
September ..							.90	.88	2.29	3.69	
October ...							7.09	6.85	1.82	7.31	
November ..							5.27	2.67	1.20	.70	
December ...							2.20	5.39	2.17	4.62	
TOTALS ...							32.89	35.38	25.76	39.66	

1909 *Ellisfield Church* 600 yards N.W.
Hamstead Station 2 miles E.S.E.

1906-08 rec'd 7.14.11 ent'd V.12

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728/9RAINFALL at Ellisfield ManorCounty of HampshireObserver H. Moore EsqRiver Basin Itchen & Spithead 5Rain Gauge, by Newton & Co

Diameter ...											
Height	69										
Altitude ...	630										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.02	1.98	3.44	4.79	1.16	5.07	2.49	2.00	.64	4.68	
February ...	4.74	2.23	2.55	1.45	5.78	6.07	5.13	1.03	2.47	3.27	
March	1.41	2.58	5.13	3.83	5.30	.76	4.90	1.05	.90	5.57	
April	2.55	2.32	.03	3.99	1.71	1.61	.99	1.40	3.97	2.31	
May	2.62	1.92	1.63	2.56	2.10	4.98	2.06	2.24	1.84	.83	
June	4.43	2.06	4.97	1.20	.82	1.13	2.59	2.37	1.61	.70	
July	2.41	.13	2.05	1.86	3.11	5.17	1.09	5.14	6.13	1.21	
August	2.36	1.20	7.12	1.47	2.27	3.27	3.02	6.70	1.90	3.96	
September ..	.46	1.50	2.72	3.53	1.45	3.41	2.58	2.90	6.92	3.14	
October ...	5.51	4.87	3.72	3.55	2.55	3.74	4.42	5.06	1.87	1.16	
November ..	4.20	5.22	3.03	3.62	3.45	3.12	5.57	1.09	3.31	2.15	
December ...	6.70	9.23	5.54	1.83	9.07	8.97	3.69	.76	3.30	5.89	
TOTALS ...	40.41	36.24	41.93	33.67	38.77	44.80 47.30	38.53	31.74	34.86	34.87	

1911 Greenhouse 12ft high 20ft N
Hedge 10ft - 40ft W
1914 Sep 13 Gauge moved 25 yds SE
Rainbow 2.6 high 8 ft N + S
Sunbeam 6.0 high 5 ft S
Back year 1905-1919 copied 11-2-48 Russell Hill 6-2-48

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51.13.	1. S. W	Hamstead	1 3/4 m	E	Ellisfield	400 yds	W

RAINFALL at Ellisfield ManorCounty of Hampshire Observer H. Hoare Esq.River Basin Icknham & Spitehead S.General Rain Gauge, by Newton & Co.

Diameter											
Height											
Altitude											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January	3.02	3.59	3.92	2.04	3.56	3.43	4.72	2.84	6.49	.64	5.40
February	1.47	.08	2.55	5.19	.21	5.36	2.77	5.29	2.38	1.46	.68
March	2.40	1.86	2.70	2.72	1.66	.47	.52	4.33	2.89	.16	1.71
April	3.69	.95	5.03	3.35	3.26	3.42	5.13	2.46	2.17	.77	2.32
May	1.33	1.85	1.17	2.78	4.63	3.87	3.09	.83	1.49	1.96	1.67
June	1.73	.24	1.69	.38	2.47	.30	3.93	3.38	2.94	1.43	2.18
July	6.47	.25	3.93	1.17	5.17	3.87	1.01	4.61	1.99	1.56	2.40
August	2.21	2.36	3.24	3.34	3.03	4.82	2.47	3.65	2.31	2.25	3.89
September	1.70	1.25	2.14	1.93	5.13	3.32	1.72	6.41	1.82	.23	2.98
October	2.49	.83	1.40	6.98	4.92	3.63	3.24	2.42	6.18	4.86	2.50
November	2.74	1.61	1.83	1.83	3.26	1.94	6.66	5.53	2.11	8.59	6.49
December	3.15	2.48	3.95	3.85	6.17	4.86	.60	2.67	3.28	3.22	3.07
TOTALS	32.40	17.35	23.55	35.56	43.62	39.29	35.86	44.45	37.05	52.12	35.29

Back years 1920 - 1930 copied 2-2-48

Gauge on inspection 1/48 was very old & broken
values for the 11 years are reasonable except 1925 & 1926 which are excessive.

H.R. 4.2.48

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

RAINFALL at Ellisfield ManorCounty of Hampshire Observer H. Hoare EsqRiver Basin Ischen & Spithead S.Type of Gauge GlenAnnual Average in. based on years obs. un-weighted. Period of average file E 6631/47 Ref

Diameter											
Height											
Altitude											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.75	3.38	1.87	3.28	.96	7.35	7.22	3.71	6.58	2.64	3.874
February	2.82	.19	5.88	.15	4.89	3.21	6.43	.99	1.85	3.43	2.984
March	.51	1.78	3.90	3.86	1.12	2.59	5.09	.51	1.70	3.89	2.495
April	4.16	3.42	1.48	2.69	4.90	3.51	2.41	.12	3.12	2.61	2.842
May	3.45	5.41	2.18	1.21	1.89	.55	3.45	1.78	1.50	.70	2.212
June	2.55	.46	3.17	1.89	4.66	3.80	1.55	1.02	2.61	.86	2.257
July	4.33	4.92	2.36	1.28	.94	4.91	1.46	2.38	5.24	3.87	3.169
August	4.39	1.61	.94	3.57	3.08	.70	2.78	1.79	2.48	.25	2.159
September	1.96	3.50	4.36	2.72	6.84	3.06	2.41	1.01	.94	2.05	2.885
October	.91	5.94	2.57	2.07	5.44	2.55	3.25	4.00	6.82	4.83	3.838
November	4.27	1.34	.80	2.40	8.21	4.02	2.20	4.53	8.11	8.94	4.482
December	1.05	1.84	.49	7.90	5.06	3.60	4.62	4.48	2.24	2.14	3.542
TOTALS	32.15	33.79	30.00	35.02	47.97	39.85	42.87	26.32	43.19	36.21	36.739

Back years 1931-1940 equal 42.48. rec'd 29.11.47.

Gauge in operation was very old & broken (1/48)
Reason for this decade seem reasonable however except 1935 1939 which
are excessive 44.42 & 48.48Position 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

BRITISH RAINFALL ORGANIZATION

Station No. 722/9 M

RAINFALL at Ellingfield road

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County of Hampshire Observer H. Haines, Esq.

River Basin Lachen & Spithead S

Type of Gauge Troughton No. 1225

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

File No. E 6631/47

Diameter	324	924	8	8	5"						
Height					1'0"	0'10"	1'0"				
Altitude			41				635'				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.23	4.01	6.33	3.09	2.34	3.16	3.10	7.41	1.18	1.84	
February	3.53	1.07	1.59	1.10	2.99	3.08	1.90	1.92	1.68	5.48	
March	4.67	2.93	7.0	4.1	9.3	1.67	6.80	1.24	1.91	1.75	
April	1.98	2.56	1.19	1.67	1.22	2.97	2.96	2.50	2.36	2.85	
May	2.65	3.97	3.16	5.58	1.93	3.13	1.39	3.64	2.84	1.66	
June	2.49	5.4	1.40	3.10	3.48	4.52	1.93	2.36	7.0	1.37	
July	4.81	2.06	2.64	3.26	3.23	2.36	1.58	1.51	1.31	5.00	
August	5.60	3.04	2.16	1.92	1.76	4.78	6.5	5.27	1.79	5.64	
September	3.1	2.56	1.32	2.81	2.98	5.44	1.49	3.02	2.23	3.91	
October	1.48	4.46	5.01	5.87	4.20	1.04	1.01	2.90	8.17	1.64	
November	3.40	2.53	2.19	5.72	5.0	7.31	1.94	1.85	3.56	6.77	
December	2.80	4.82	2.36	3.10	4.29	3.80	3.85	6.02	2.01	2.08	
TOTALS	36.95	34.55	30.05	32.53	29.85	43.26	28.60	39.64	29.74	37.99	
						D.A.P.	D.A.P.	D	D	D	

Back years 1915-1946 rec'd 28-11-47. Copied 4-2-48.

1947 n.p. Log.

Inspected 1/48. Gauge very old & leaking. Values 1942-1946 are definitely too low. HR 4 2 40.

New gauge installed from N.C. To be moved a short distance to site in

hitherto garden beside path. Old site good except for an tree 45 ft high 4 ft girth.

1948 gauge moved 46' N. (1.648). Plants 1 1/2' high 4' E.S. Yew hedge 9' high 21' S. Building 18' high 42' N.W.

Position of Station on reduced Ordnance Survey Map,
1 mile to 1 inch Series

No. of Map.....

Reference No. 41.643457

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1948.			Basingstoke	5 1/2 m.	N.W.	Ellingfield	1/2 m.	N.W.

BRITISH RAINFALL ORGANIZATION

Station No. 72819 m

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RAINFALL at ELLISFIELD MANOR

A. (1956)

County of HAMPSHIRE

Observer H. HOARE Esq.

River Basin ICHEN and SPITHEAD 5

S. E. COOKE Esq.

Type of Gauge M.O.

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

" " 34.11 " " 8 " " 1949-56 " " " 1916-1950 File No. E6631/47 S

Diameter	5"				324	904					
Height	1'0"					1					
Altitude	635					51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.63	2.90	1.08	1.89	3.64	4.96	2.46				
February	6.79	1.03	1.91	3.21	1.77	.38	3.90				
March	5.78	2.88	.74	3.22	1.33	1.19	2.29				
April	3.40	1.92	2.84	.40	.61	1.45	.29				
May	3.54	3.05	2.70	2.45	4.66	.34	1.46				
June	1.28	1.54	1.76	3.30	3.19	2.27	1.29				
July	2.04	.85	3.35	3.03	.71	4.65	4.21				
August	4.89	4.39	2.11	3.29	.49	4.22	2.96				
September	3.72	3.27	2.42	3.36	2.09	3.90	3.17				
October	.88	4.42	4.56	3.27	6.36	3.47	3.02				
November	8.94	4.83	1.40	6.12	2.69	.74	3.20				
December	3.14	2.97	1.05	3.26	3.78	4.83	3.43	#			
TOTALS	49.03	34.05	25.92	36.80	31.32	32.40	31.68				
	D	D	D	D	D	D	D				

H. Hoare died 29/7/56. Son, Galle Hoare moved into house. Obs. forwarded monthly by gardener Mr. W. Sheppard.
 Sken S. by S.E. Cooke, 10.6.58.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 44-643457

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓ N.P. 47	
	✓	✓	✓	- b.w.D 45-50	