

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	.73	
December ...							2.20	5.39	2.17	4.62	
TOTALS ...							32.89	35.38	25.76	39.66	

1909 Ellisfield Church 600 yards NW
 Newmarket Station 2 miles E.S.E

1906 - 08 rec'd 7.IV.11 ent'd V.12

10
728/9

RAINFALL at Ellifield Manor

County of Hampshire

Observer H Hoare Esq

River Basin River & Pithead 5

Rain Gauge, by Newton & Co

Diameter ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
Height	6.9										
Altitude ...	630										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	
January	3.02	1.98	3.44	4.79	1.16	5.07	2.49	2.00	1.64	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	47.80	38.53	31.74	34.86	34.87	

1911 Greenhouse 12 ft high 20 ft N

Hedge 10 ft - 40 ft W

1914 Sep 13 Gauge moved 25 yds S E

Rubbish 2.6 yds 6 ft N + S

Small trees 6.0 5 ft S

Jack year 1910-1919 copied 11-2-198 Reasonable HR C 240

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
(910)	51.13.	1.5. W	Herrinall	1 3/4 m	E	Ellifield	400 yds	W

RAINFALL at Ellifield Manors

County of Hampshire

Observer H. Hoare Esq.

River Basin Ichen & Spinthead S.

Standard Rain Gauge, by Newton & Co.

Diameter	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
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	6.64	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	3.34	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	1.49	.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	5.18	3.32	1.72	6.41	1.92	.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	3.11	8.59	6.49
December	3.15	2.48	3.95	3.85	6.17	4.86	.60	2.67	3.28	8.22	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 4-2-48

Gauge or reservoir 1/40 was very old & broken
Values for the 11 years are reasonable except 1925 May & 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	Parish Church	Distance from gauge	Direction

RAINFALL at Ellington manor

County of Hampshire

Observer H. Horne Esq.

River Basin Tidmarsh Spillhead

Type of Gauge Rainfall

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

Ref file E 6631/47

Diameter	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height											
Altitude											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	1.75	3.38	1.87	3.28	.96	1.35	1.22	3.71	6.55	2.64	3.874
February	2.82	.19	5.88	.15	4.89	3.21	6.43	.99	1.85	3.43	2.934
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	2.342
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	3.90	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	9.90	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 copied 4-2-48 recd 29-11-47. Gauge or monitor was very old & broken (1/48)

Results for this decade seem reasonable however except 1935 & 1939 which are excessive. (1/48)

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

BRITISH RAINFALL ORGANIZATION

Station No. 72279 M

41

RAINFALL at Ellington manor

County of Hampshire

Observer H. Horne Esq

River Basin Tidmarsh & Southend S.

Type of Gauge W.H. 170. 1953

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

File No. E. 6631/47

Diameter			324	904	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	1.41	1.93	1.67	6.80	1.24	1.91	1.75
April	1.98	2.56	1.19	1.61	1.22	2.97	2.96	2.50	2.36	2.85
May	2.65	3.97	3.16	1.58	1.93	3.13	1.39	3.64	2.84	1.66
June	2.49	1.54	1.40	3.10	3.48	4.52	1.93	2.36	.70	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	.65	5.27	1.79	5.64
September	3.31	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	1.50	7.21	1.94	1.85	3.56	6.77
December	2.80	4.82	2.36	2.10	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	22.74	37.99

Back years 1915-1946 recd 29/11/47. Copied 4.2.48.

1947 m.p. 29. Gauge very old & leaking. Values 1942-1946 are definitely too big. 1942 4.2.48.

Inspected 1/48. Gauge very old & leaking. Values 1942-1946 are definitely too big. 1942 4.2.48.
New gauge installed from R.C. To be move a short distance to site in
bottom garden bank. Site good except for one tree 15' from 1947 m.p. 29.
New gauge moved up N. (1.648). Plants 15' high 4' E. S. Yew hedge 9' high 21' S. Building 18' high 42' N.W.Position of Station on reduced Ordnance Survey Map, No. of Map..... Reference No. H. 643457
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
1948.			Basingstoke	5½ m.	N.W.	Ellington	½ m.

Station No. 72819 m.

51

RAINFALL at ELLISFIELD MANOR

County of HAMPSHIRE

Observer

R. (1950)

H. HOARE Esq.

River Basin. ICHEM and SPITHEAD 5

S. G. COOKE Esq.

Type of Gauge M.O.

Annual Average ... in. based on ... years obs. un-weighted. Period of average ...
 " " 34.11 " " 8 " " 1949-56 " " " 1916-1950 Ref. S
 File No. E.66.31/47

Diameter	5"				324	90nt					
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, Rollo Hoare moved into house. Obs. forwarded monthly by gardener Mr. W. Sheppard.
 Sign T. by S.G. Cooke, 10.5.58.

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference 44-64343

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	✓ NP 47	- b/w D 48-50
		✓	✓	✓	✓	