

RAINFALL at Hackthorn HallCounty of LincolnshireObserver EngelhardtRiver Basin Witham & C 3

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

Diameter ...	5										MEANS.
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	
January ...				2.50	1.20	2.48	.53	2.66	1.39	2.93	
February ...				.81	.58	2.70	3.37	.74	1.55	1.97	7.65
March ...				2.28	1.81	.84	3.00	1.13	.83	2.64	7.60
April ...				1.74	.69	.61	1.33	1.90	1.16	2.25	6.64
May ...				1.83	1.85	2.00	2.38	1.48	2.61	.71	7.18
June ...				1.00	1.96	.55	3.39	.89	.73	1.34	6.35
July ...				.36	1.94	5.10	1.40	1.27	2.39	2.75	7.81
August ...				1.48	1.14	2.55	3.54	6.43	1.91	2.76	14.64
September ..				1.45	.79	.67	1.20	1.08	3.43	1.60	7.31
October ...				2.22	1.95	1.07	1.70	2.79	1.49	2.31	8.29
November ..				2.01	2.23	2.13	2.15	1.44	2.10	1.91	7.60
December...				.75	3.98	4.60	2.21	.73	3.46	3.32	9.72
TOTALS ...				18.43	20.10	26.17	26.20	22.56	23.05	26.49	98.30

1910 Rose Dell in 7 ft high 700 yards N.W.  
 1911 f. stones quite clear -  
 1919 Greenhouse 30yds N.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53° 15'	30° 20' W	Lincoln	8 mi	SSW	Hackthorn	3 mi. 400 yds	W

## RAINFALL at Hackthorn Hall

County of Lincolnshire

Observer E. W. Bracqft Esq

River Basin Witham &amp; C. 3

(1925) Howard Rain Gauge, by

Diameter ...	5"											5"				
Height .....	4. 6											4.8				
Altitude ...	105											102				
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.	1920				
January ...	1.94	2.12	2.10	1.99	1.74	1.47	2.36	1.43	3.55	1.69	2.46					
February ...	2.08	1.15	2.58	3.61	1.97	2.06	1.02	1.58	1.54	1.06	1.51					
March .....	2.77	.87	1.96	1.85	.74	.87	1.36	1.65	1.65	.26	2.34					
April.....	4.22	.91	1.80	1.00	1.46	1.44	2.05	1.76	1.04	.74	2.06					
May .....	3.42	1.81	1.04	2.77	2.54	3.24	2.85	1.06	1.49	.48	1.64					
June .....	1.55	.18	1.05	1.01	1.46	.03	3.15	3.18	1.88	1.24	1.49					
July .....	2.80	.35	4.50	4.07	1.77	.67	1.00	2.53	.83	1.23	4.61					
August .....	1.00	2.72	2.51	2.98	2.64	1.68	2.90	3.00	3.98	2.01	2.94					
September...	1.47	.71	2.20	2.46	2.77	1.99	1.84	3.48	.23	.54	4.42					
October.....	1.53	1.11	1.18	1.43	3.69	2.16	2.22	1.48	4.23	2.83	2.34					
November...	.66	1.52	1.10	2.22	1.33	2.31	2.17	2.40	2.52	4.45	2.86					
December...	2.02	1.61	3.63	2.34	1.50	1.32	.66	2.46	1.42	3.88	1.95					
TOTALS...	25.46	14.06	25.65	27.73	22.61	19.24	21.58	26.01	24.39	20.74	29.92					

1920. Greenhouse 30yds N.

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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	Parish Church.	Distance from gauge
1920	53° 20'	30°	Lincoln	8 mi	SSW	Hackthorn	30074 S.W.

## RAINFALL at Hackthorn Hall.

County of Lincolnshire  
River Basin Witham & c. 3Observer E. W. Cracroft, Esq.  
Major W. G. Ancoats M.C. S.P. (1933)

Type of Gauge

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

Ref. 319890/34

Diameter	5	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height	4.8											
Altitude	102											
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	2.92	1.19	1.60	1.75	1.87	3.37	3.09	1.63	3.84	2.18		23.44
February	2.20	.73	2.08	.84	2.00	2.35	2.11	1.19	.82	1.65		16.27
March	.40	1.48	3.16	1.62	.43	.96	1.86	.23	2.03	1.99		14.16
April	3.38	2.21	0.90	3.14	2.66	1.70	2.57	.12	1.34	1.45		19.52
May	2.36	5.23	2.08	1.02	.39	1.24	3.66	3.26	1.30	.44		20.98
June	3.11	.48	1.95	.87	2.54	4.21	.98	1.26	2.65	1.22		19.27
July	4.11	2.77	0.88	1.18	.53	3.87	4.34	3.59	3.60	4.88		29.78
August	4.18	1.69	0.28	2.28	1.28	1.16	.26	1.87	1.43	.77		15.70
September	3.23	1.90	1.89	1.35	4.08	1.80	1.14	2.84	1.40	.73		20.36
October	.69	3.24	3.95	.84	2.91	2.49	1.98	2.30	3.44	3.35		25.24
November	2.68	1.53	1.92	2.17	4.16	2.38	1.54	2.85	4.08	4.54		27.85
December	1.15	.83	0.48	4.20	2.88	1.41	2.69	4.13	1.84	2.27		21.85
TOTALS	30.41	23.28	21.14	21.26	26.03	26.94	26.25	26.26	28.38	26.47		252.42
	D	D	D	D	D	D	D	D	D	D		D

1931. Glass houses, against garden wall 30 yds. N.

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.			Lincoln	8m.	S.S.W.	Hackthorn	300 yds.	S.W.

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

Station No. 2559

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## RAINFALL at Hackthorn Hall

County of Lincolnshire

Observer H. C. Crofton, M.A., F.R.G.S.

River Basin Witham &amp; L. E.

AMICOTTS

Type of Gauge Howard 1950

Annual Average 21.2 in. based on years obs. un-weighted. Period of average.

Ref.

File No. 319890/34

Diameter	5"			142	319						
Height	4' 8"					1	4' 10"				
Altitude	102'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.91	2.30	3.26	1.76	1.55	1.37	2.11	4.35	1.06	1.04	1.04
February	3.04	.98	.65	1.97	2.98	4.18	1.26	.93	.66	4.49	21.04
March	3.24	1.20	.51	3.0	.67	.94	3.74	.42	.96	1.16	13.17
April	.91	1.04	.97	2.20	1.35	1.50	1.73	1.52	1.83	3.05	16.00
May	1.62	3.45	2.55	1.29	1.71	1.06	.72	1.96	1.58	3.36	19.30
June	.62	1.19	1.80	2.30	1.61	2.21	2.34	4.26	.76	1.85	18.74
July	3.46	2.42	1.03	1.70	1.98	2.43	1.68	1.51	4.47	2.64	23.32
August	2.76	2.53	2.11	3.60	3.15	4.41	.10	3.21	1.97	2.91	26.21
September	.65	2.11	3.18	3.88	.91	3.24	.71	1.96	1.18	4.32	22.14
October	2.86	1.65	1.59	2.40	2.60	1.11	.31	1.67	3.40	1.03	18.62
November	3.16	1.91	1.72	4.27	.53	4.87	1.45	1.18	3.34	4.76	27.21
December	.37	1.92	.81	1.14	1.43	2.50	1.95	3.17	1.71	1.84	16.84
TOTALS	24.65	22.70	20.08	26.81	26.47	29.82	18.10	26.20	22.82	32.45	244.10

1941 Glass Houses against Garden Wall 30 yds. N.

1944 - - - - - 20 yds N.

\* Used in several tables. Origin unknown.

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			Lincoln	8 m.	S.S.W.	Hackthorn	300 yds. S.W.

Station No. 2559

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RAINFALL at HACKTHORN HALLCounty of LINCOLNSHIREObserver Mr. C. H. CRACROFT, M.A., F.R.S.River Basin WITHAM - C - 3Type of Gauge HOODAnnual Average 23.2 in. based on years obs. un-weighted. Period of average 1916-1950 Ref. P  
24.41 " 35 " 1916-1950 File No. 319890/34

Diameter	5"	142	319							5"
Height	4' 10"			1						4' 2"
Altitude	102'			51						105'
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
January	1.92	1.99	1.11	1.34	1.63	4.40	1.51	1.96	2.66	4.43
February	3.18	63	1.59	2.28	2.83	1.75	2.28	3.13	.36	2.29
March	3.10	2.96	.83	1.94	2.72	1.36	1.48	2.17	1.71	1.31
April	1.16	1.34	2.33	.47	1.17	1.43	.32	.63	1.90	1.39
May	3.74	1.43	2.85	2.75	3.49	.71	1.59	2.50	.38	0.85
June	1.20	2.21	2.39	2.88	3.57	2.78	1.81	5.02	.78	0.74
July	1.63	.61	2.54	2.87	.37	3.98	3.82	4.23	1.35	3.68
August	5.66	3.27	1.86	3.83	.53	5.26	2.88	2.46	.70	3.47
September	1.34	2.69	1.28	2.46	.84	1.58	3.92	1.89	.05	2.58
October	1.77	2.34	2.27	3.66	1.16	1.31	1.24	1.61	2.28	4.78
November	4.59	2.55	1.45	4.67	1.36	.98	2.48	.99	2.27	3.40
December	1.60	1.73	1.26	2.98	1.87	1.29	1.89	3.08	3.51	3.45
TOTALS	30.89	23.75	21.76	32.03	21.54	26.83	25.27	29.67	17.95	32.87
	D	D	D	D	D	D	D	D	D	D

1954. Sylva Hoses against garden wall. 15' @ 20 yds N.

Inspected 20-10-60 by M. H. Lutter. Site alt of SE to SW oblique satisfactory. Rec. recd. at standard height and a few yards N.

\* Recd. in G.T. Origin unknown.

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference SK 43992825

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1954			Lincoln	8m 35.w.	Hackthorn	200 yds W.

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
	e 1913 D 13-15, II, 19	✓ ✓	✓ ✓	✓ ✓	