

RAINFALL AT Theydon Bois Ship's Hall

Lat. Lon. County of Essex

Rain Gauge, by Observer H.B. Debenham Esq

Reading + c - 2.

Diameter ..						5					
Height						0 9					
Altitude ..						200					
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..						1.20	3.32	.95	1.25	.89	
February ..						.93	1.96	1.12	1.69	.76	
March						2.60	1.23	.96	2.50	2.68	
April						1.99	.60	3.20	2.54	2.03	
May						1.02	1.97	1.79	1.55	1.48	
June						2.78	2.21	1.72	1.65	3.38	
July						2.41	2.01	2.00	4.41	3.50	
August						2.75	1.15	1.84	2.80	1.87	
September..						2.06	1.87	.75	1.59	1.99	
October....						1.10	3.18	2.93	1.88	4.16	
November..						2.27	3.70	2.31	.80	.88	
December..						.77	2.31	3.32	1.87	2.74	
TOTALS ..						21.88	25.51	22.89	24.53	26.36	

1900 Gauge Read 8 am

1906 Theydon Bois Station 5 minutes N.E.

" " Church 3 1/4 mile N.W.

1908 Nothing of any consequence within 10 yards

RAINFALL at Heydon Bois Thrift HallCounty of EssexObserver H.B. Debenham EsqRiver Basin Thames Rodwige 2

Rain Gauge, by _____

Diameter ...	5										
Height	0 9										
Altitude ...	200										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.60	1.63	2.86	2.99	.75	3.19	1.34	1.37	2.75	3.49	
February ...	2.63	1.54	1.55	.80	2.20	2.90	3.32	.67	1.19	2.80	
March	1.05	1.92	2.72	1.92	3.79	.89	3.66	1.67	.93	2.91	
April	1.30	1.31	.21	1.60	.91	.92	1.28	2.46	3.32	3.05	
May	2.48	1.72	.90	1.76	1.50	2.43	1.96	2.36	2.28	#	
June	3.50	2.57	3.84	.55	2.67	.90	2.31	1.31	1.33		
July	2.47	.63	1.67	1.85	1.85	4.76	1.32	4.08	5.41		
August	2.04	.55	4.57	1.51	1.44	2.98	5.04	4.18	1.62		
September ..	.77	1.36	2.35	1.21	1.33	2.13	1.39	1.14	4.56		
October ...	1.93	2.52	1.88	3.77	1.13	1.68	3.33	3.64	1.64		
November ..	3.19	3.22	1.92	2.69	2.47	2.78	4.14	1.66	2.06		
December ...	3.33	3.67	2.71	.72	5.54	4.65	2.60	.79	2.30		
TOTALS ...	26.29	22.64	27.18	22.37	25.58	30.21	31.69	25.33	29.29		
	D	D	3	2	2	2	2	2	2		

obs on

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
4/11			Heydon Bois	close	W			

RAINFALL at Thraydon Bois, Thingle HallCounty of Essex Observer Id. Kennedy Esq.River Basin Thames, Roding & 2

Rain Gauge, by

Diameter								5			
Height											
Altitude								245 274			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January								1.46	2.63	1.13	2.16
February								3.36	1.43	.53	.51
March								2.02	1.48	.00	1.70
April								1.70	1.06	1.40	1.79
May								1.09	3.08	1.69	2.73
June								2.53	2.58	.95	2.72
July								2.62	1.83	1.54	1.94
August								4.03	1.79	1.53	3.17
September								4.56	.59	.30	3.13
October								1.80	3.55	3.28	.94
November								1.99	1.90	5.19	3.55
December								1.50	2.45	3.57	2.05
TOTALS								28.66	24.37	21.11	26.39

1927-31, and 1933, Copied from original Register 25.5.34.
 1927-31 Cate ^{up}.

Position of Station on reduced Ordnance Survey } No. of Map..... Reference No.....
 Map, 2 miles to 1 inch Series

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

RAINFALL at Thaydon Bois, (Thrigle Hill)County of Essex Observer H. Kennedy Esq.River Basin Thames, Roding, etc.Type of Gauge Standard

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

" 23.6 in. computed by Mr. Cornish (1938) Ref. 561245/36 300212/34

Diameter	5	5									
Height		1.0									
Altitude	245 274	245									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.68		1.21	1.35	1.14	3.99	3.61	2.48	4.76	1.64	
February	1.60		.87	.09	2.07	1.49	3.60	.60	.81	1.37	
March	.09		2.18	2.11	.53	1.06	2.24	.39	1.46	2.91	
April	3.41		.75	1.67	2.82	1.00	2.84	.16	2.53	1.30	
May	2.88		1.93	.51	1.01	.33	2.59	2.03	1.41	1.22	
June	1.33		1.85	1.83	3.16	4.57	1.75	.26	1.20	.37	
July	2.83		.82	1.06	.50	3.24	1.66	1.51	2.13	2.89	
August	4.10		.49	1.88	1.52	.50	.76	1.23	3.15	.16	
September	1.84		2.87	1.08	2.81	3.73	1.26	2.52	1.27	.75	
October	.62		1.47	1.20	2.46	2.01	1.71	2.22	4.99	2.69	
November	1.96		.88	1.96	3.43	2.90	1.40	2.80	3.65	6.10	
December	.63		.46	4.17	2.46	1.77	3.48	2.46	1.12	1.17	
TOTALS	22.97		15.78	8.10	23.91	26.69	26.90	18.66	28.68	22.56	

1927-31, + 1933, copied from original Register 25.5.34.

1927-31 lat. sup.

1933 House 30' high 42' NNE. Bank of stream 60' high 78'-120' WSW. Trees 40' high 84' ESE.
 Tree 60' high 150' N.N.W. "On a comparatively high plateau, as the ground falls away steeply in every direction except to the east."

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
1933			Thaydon Bois	1/2 m	N.N.W.	Thaydon Bois	1/2 m	N.W.

Station No. 1263/8

RAINFALL at Theydon Bois (Thrifts Hill)

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County of EssexObserver H. Kemmings Esq.River Basin Thames-Roding ec-2Type of Gauge SnowdonAnnual Average 23.6 in. based on 1938 years obs. un-weighted. Period of average Ref.23.6 in. computed by Mr Cornish (1938) 46.5624576 File No. 3.82212/34

Diameter	5"			23.9	172						
Height	1' 0"										
Altitude	245'						274'				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.68	1.59	4.20	1.50	2.02	1.30	1.61	3.71	1.06		
February	1.78	.86	1.16	.76	1.43	2.54	1.11	1.59	.99		
March	2.91	1.87	.35	.15	.74	.98	4.67	.56	.75		
April	1.47	1.02	1.19	1.24	1.07	1.60	1.61	1.40	1.30		
May	1.79	2.07	1.33	.65	2.84	2.33	.74	2.92	1.86		
June	.68	.20	1.53	1.84	1.69	2.92	2.28	2.11	.64		
July	2.46	1.48	1.15	1.46	3.35	2.47	2.37	.88	.96		
August	4.08	1.99	1.34	3.11	1.18	4.03	.05	3.70	1.57		
September	.62	1.35	1.41	2.79	1.35	2.47	1.51	1.19	.45		
October	.83	4.14	2.14	3.05	1.89	1.33	.20	2.10	4.86		
November	2.12	2.19	1.65	3.39	.22	3.57	.87	2.14	1.94		
December	1.51	2.18	1.52	1.08	2.70	1.87	2.32	1.96	1.51		
TOTALS	22.93 [?] D	20.93 [?] D	18.97 D	21.02 D	30.48 D	27.41 D	19.34 D	24.26 D	17.89 D	N.R.	

1941. Jan. 16-19 covered for snow.

1946. Tree 60' high 218 yds W & S.W. House 30' high 21 yds N.E.

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.	Direction from gauge.
1946			Theydon Bois	1/2 m	NW	Theydon Bois	3/4 m	NW

BRITISH RAINFALL ORGANIZATION

Station No. 1263/8

RAINFALL at Theydon Bois (Thriffs Hill)County of EssexObserver H. Kemstey Esq.River Basin Thames-Roding & C. 2

I. Lloyd Jones Esq. (1951)

Type of Gauge Snowdon

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

23.6 in. computed by Mr. Cornish (1938) Ref. 561245/36 File No. 3022.12/36

Diameter ...	5"			239	172						
Height ...	1' 0"										
Altitude ...	245'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.07	1.77	.83	1.03	1.91	2.80	1.32	2.12	2.14	1.54	
February ...	5.61	.73	1.73	2.58	1.42	.30	2.87	2.45	.08	1.99	
March ...	2.95	2.78	.46	2.15	1.08	.94	1.11	.87	1.46	.94	
April ...	3.09	.95	2.59	.33	.34	1.11	.25	1.41	1.90	.44	
May ...	1.96	1.37	1.12	1.66	4.33	.63	1.39	2.25	.87	1.87	
June ...	.52	1.06	1.56	2.19	1.97	2.88	1.02	5.11	.87	2.07	
July ...	.88	.60	3.48	2.58	.35	3.26	3.41	2.32	1.34	3.26	
August ...	3.90	1.91	1.70	3.34	.83	4.52	2.27	3.33	1.08	2.78	
September ...	3.22	3.22	1.81	1.39	2.36	2.07	2.64	3.92	.04	3.51	
October ...	.62	2.27	3.60	1.88	3.04	2.26	1.72	1.86	1.63	6.42	
November ...	4.05	3.60	.81	3.09	.69	.67	1.90	1.67	2.49	3.13	
December ...	1.77	2.27	.68	1.44	1.55	2.18	2.16	2.45	3.46	2.62	
TOTALS ...	30.64	22.89	20.37	23.66	19.87	23.52	22.06	29.76	17.36	30.57	
	D	D	D	D	D	D	D	D	D	D	

1951: Tree 50', 20yd W; House 35', 20yd N; Tree 35', 30yd E.

An. av. 22.94 in. based on 28 yrs. obs. with 1927-57. 1 1/4 in. o/s. Period Jan. 1916-50-5 - Registered.

Position of Station on Ordnance One-Inch map: No. of Map: National Grid Reference 10(51)457987

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1957			Theydon Bois	1300' NNW.	Theydon Bois	3200' W.N.W.

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C'27 ✓	✓ but N.R. 32	✓ NR'50	
		✓	✓	✓	