

RAINFALL at Theydon Bois Birch HallCounty of EssexObserver Mr G. Buxton, O.B.E.River Basin Thames-Roding T.B. 2.Snoddon Rain Gauge, by N.P.J.

Diameter ...		5									5
Height .....		- 11									10
Altitude ...		300									300
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del> 1930
January ...			2.83	1.62	2.66	1.5	2.83	1.54	3.16	1.30	2.85
February ...			1.73	2.90	.68	2.63	2.95	3.42	1.59	.59	.44
March .....			1.72	1.86	1.03	.69	.47	2.27	1.92	.02	1.34
April .....			2.43	2.28	3.14	1.85	3.58	1.72	1.16	1.46	2.05
May .....			.82	1.81	3.65	1.92	1.36	1.30	2.64	4.10	2.83
June .....			1.22	.69	2.79	.19	3.40	2.47	2.64	.96	3.60
July .....			4.33	2.18	3.42	3.15	2.93	3.04	1.80	.915	1.97
August .....			3.12	1.59	2.85	2.09	1.18	4.11	1.61	1.86	3.18
September...			3.82	1.70	3.03	2.37	2.55	4.66	.56	.22	2.73
October .....		#	1.09	4.68	3.68	2.88	2.55	2.02	3.61	2.63	(1.21)
November...		1.56	.95	1.55	2.49	1.58	4.94	2.03	2.32	5.90	4.47
December...		1.49	2.73	2.41	2.93	2.16	.40	2.95	2.68	4.055	2.23
TOTALS...			26.79	25.27	32.35	23.01	29.14	31.53	25.69	24.01	(28.90)

1922 Dec. approx. 50 ft. h. 60 yds. S x W.  
 30" 48" N.W.  
 Bank 15" 60" N x W.  
 Stone 30+10" 75" N x W.

1923-1929 Late Sep recd v. 31 Dec 113846/31

Obs. taken at 9 a.m. by G.M.T. &amp; B.S.T.

1930. October adj., obs. notified. Tree 60'-70' high 50 yds approx. SW.  
 " 60-70 " 60 " " NWPosition of Station on reduced Ordnance Survey  
 Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. E	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1921	51°40'20"	0°5'10"	Theydon Bois	6½ fms	E	Theydon Bois	3 fms	E. by N.

RAINFALL at Theydon Bois (Birch Hall)County of EssexObserver Mrs. Gerald Buxton  
Mr. Col. E. N. BuxtonRiver Basin Thames-Roding etc. 2.Type of Gauge SnowdonAnnual Average in. based on years obs. un-weighted. Period of average Ref.  
" " 23.8 in. computed by Mr. Cornish 1938 Ref. 561245/36 113846/31

Diameter	5.										
Height	1.0.										
Altitude	300.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.24	1.45	1.55	1.60	1.63	4.55	3.89	2.61	5.35	1.81	2568
February	1.19	.24	1.03	.14	2.19	1.60	3.73	.76	.98	1.40	1316
March	.24	1.48	2.06	2.23	.55	1.23	2.48	.42	2.15	2.76	1560
April	3.29	2.38	.66	1.82	3.13	.98	3.35	.24	2.94	1.17	1998
May	2.26	1.91	1.90	.84	1.10	.39	2.51	2.18	1.67	1.22	1568
June	1.35	.53	2.15	1.37	3.41	4.19	1.97	.33	1.54	.45	1729
July	2.85	2.40	.96	1.11	.63	3.16	1.98	1.94	2.53	3.17	2073
August	4.47	.98	.52	2.08	1.45	.58	1.06	1.18	3.11	.08	1551
September	.98	1.47	2.28	1.22	3.08	3.27	1.60	2.92	.83	.66	1831
October	.43	5.71	1.35	1.06	2.18	1.93	1.20	2.88	5.54	2.70	2558
November	2.04	1.02	.77	2.23	3.97	3.18	1.56	3.10	3.66	6.67	2814
December	.66	.48	.40	4.58	2.70	1.79	3.88	2.97	1.30	1.11	1987
TOTALS	21.00	20.05	15.63	19.98	26.02	26.85	29.81	21.53	31.46	23.20	23553

1931 Trees 50' high 60 yds SW

" 30' " 45 " NW

Bank 15' " 60 " N - N by W

House 30+15 " 75 " N - N by 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			Theydon Bois	1 mile	E	Theydon Bois	3 furlongs	E by N

Station No. 1264

RAINFALL at Heydon Bois (Birch Hall)

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County of Essex

Observer

Lt. Col. E. N. Buxton

River Basin Thames, Rodinges: 2

Type of Gauge Sling

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

23.8 in. computed by Mr. Cornish (1938) ref. 561245/36 File No. 113846/31

Diameter	5"			239	210						
Height	1' 0"					0 11"					
Altitude	300'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.44	1.89	4.44	1.56	(1.88)	1.39	1.55	3.81	1.12	1.67	
February	2.06	1.00	1.29	.34	1.14	2.67	1.36	1.58	1.14	3.23	
March	2.65	1.62	.37	.53	.74	1.32	5.31	.60	.94	.64	
April	1.80	1.19	1.05	1.42	1.13	1.46	1.87	1.54	1.31	1.33	
May	-	2.03	1.20	.66	2.62	2.08	.84	2.39	1.77	1.47	
June	-	.13	1.67	1.92	1.57	2.31	2.47	2.25	.54	2.86	
July	2.96	1.64	1.73	1.50	3.36	2.69	2.53	.89	.95	3.90	
August	4.26	2.15	1.56	2.80	(1.07)	3.82	.06	3.60	1.82	1.62	
September	.70	1.42	.85	2.87	1.30	2.72	1.40	1.55	.35	3.19	
October	-	4.45	2.31	2.76	2.34	1.47	.21	2.08	5.30	.35	
November	-	2.31	1.63	3.45	.31	3.51	.89	2.02	2.58	(4.28)	
December	-	2.43	1.20	1.04	2.62	1.98	2.28	2.38	1.53	(1.59)	
TOTALS	..	22.26	19.30	20.85	(20.08)	27.42	20.77	24.69	19.25	(26.13)	

1941. up imperfect. Obs. away part of year.

1941. Trees about 50' high 60 yds. S.W.

1945 Jan. pr. est'd 30' 45' N.W.

1950 Estimation in Nov. &amp; Dec.

Bank 15' high 60 yds. N.N. by W.  
House 30' x 15' 75 yds N.N. by W.

Aug. pr. est'd.

40204

00034

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.
1941			Heydon Bois	1m.	E	Heydon Bois.	3 furlongs	E.N.

BRITISH RAINFALL ORGANIZATION



Station No. 1264 T SherRAINFALL at Theydon Bois (Birch Hall)

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County of Eiser

Observer

Lt-Col E.A. Buxton <sup>and 9/57.</sup>River Basin Thames-Roding & C. 2Mrs Daphne Buxton <sup>ref. BR 1957.</sup>Type of Gauge LondonMiss Blanche BuxtonAnnual Average 24.44 in. based on 31 years obs. un-weighted. Period of average 1916-50

Ref.

23.8 in. computed by Mr. Cornish (1938) ref. 561245/36File No. 1384457E1964/36

Diameter ...	5"				5"						
Height ...	0' 11"				1' 0"						
Altitude ...	300'				300'						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	(2.24)	1.48	.84		1.92	3.07	1.52	2.34	1.96	1.99	
February ...	5.57	.98	1.77		1.39	.46	3.00	2.90	.14	2.28	
March ...	3.21	2.88	.45		1.09	.88	1.16	.99	1.80	1.07	
April ...	2.86	.86	2.50		.11	1.36	.26	1.31	2.31	.49	
May ...	2.18	1.41	.95		4.09	.50	1.37	2.66	.84	1.93	
June ...	.57	1.07	1.59		2.21	2.15	.71	5.93	.43	2.16	
July ...	.95	.63	3.71		.16	3.83	3.26	2.85	1.69	3.26	
August ...	(4.51)	2.20	1.79		1.13	4.74	2.33	3.41	1.41	2.18	
September ...	3.08	3.27	1.86		2.06	1.71	3.26	4.27	.04	4.48	
October ...	.68	2.06	3.57		2.49	2.58	1.95	2.21	1.63	6.64	
November ...	4.18	3.33	.83		.80	.75	2.10	1.74	2.72	3.35	
December ...	1.73	2.01	.70		1.78	2.50	2.25	2.86	3.65	2.80	
TOTALS ...	31.76	22.18	20.56	N.R.	19.23	24.53	23.17	33.47	19.12	32.63	
	d	d	d		d	d	D	D	D	D	

1951 Trees 50' 60yd SW; Trees 30' 45yd NW; Bank 15' 60yd N-N by W;  
 House 20' x 15' 75yd N-N by W;  
 1953 Dec - Dominated no reply to letters.  
 1956 Stn Re-opened. Col Buxton restarted. 1005s Rtd.

40304

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 10(5) 439993

Date.	Lat. N.	Long.	Railway Station.	Distance	Direction	Parish Church.	Distance	Direction
1951			Theydon Bois	1 mi	E	Theydon Bois	3 fms	E by N

Summary of Earlier Records from 10-year Sheets :

Record	1910-19	1920-30	1931-40	1941-50	1951-60
D, or d		Comp '21 ✓ - but d '22	✓ ✓ d 31-33	✓ but 41-42 ✓ but D 50	