

RAINFALL AT Thundersley Reservoir

Lat. _____ Lon. _____ County of Essex

Snodden Rain Gauge, by N+7 Observer Southend Water Works Co.

Crouch - 3.

E C Ditcham

Diameter ...										5	
Height										10	
Altitude ...										277	
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January86	
February86	
March										2.48	
April										1.51	
May										1.03	
June										2.97	
July										3.44	
August										2.72	
September ..										2.73	
October ...										4.55	
November ..										1.20	
December ...										3.07	
TOTALS ...										27.42	

RAINFALL at Thundersley ReservoirCounty of EssexObserver Southend W.W. Co
E.C. BithamRiver Basin Crouch 3Snodda Rain Gauge, by N+Z
At Borne

Diameter ...	5											
Height	10											
Altitude ...	277 ^{ft}											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Total
January ...	1.29	1.09	2.81	2.77	.62	2.52	.94	1.05	2.63	2.90		16.19
February ...	2.64	.99	1.37	.57	1.58	2.37	3.90	.78	.71	2.41		7.52
March98	1.74	2.20	1.69	4.14	1.16	3.40	1.69	.87	2.74		7.80
April	1.20	1.39	.10	1.92	.95	.77	1.87	1.54	2.09	2.96		8.70
May	2.98	.92	.53	1.62	1.44	2.25	1.48	2.06	1.36	.25		7.96
June	3.40	1.91	3.37	.66	.80	.90	1.86	1.05	.80	1.25		5.15
July	1.94	.58	2.51	1.72	1.09	2.59	.57	4.79	5.37	1.66		4.96
August	1.65	1.06	2.97	.73	.94	2.62	2.73	3.71	1.35	1.96		12.69
September ..	.86	1.18	2.55	1.13	.78	2.31	.95	1.00	3.91	.54		9.75
October ...	1.81	3.56	1.84	3.91	1.65	1.66	2.25	2.47	1.60	.63		6.40
November ..	3.31	4.07	1.44	3.30	2.49	3.28	4.38	1.51	1.67	1.71		8.95
December ...	3.38	3.01	2.21	.91	5.04	5.00	2.42	1.61	1.40	3.12		9.27
TOTALS ...	25.44	21.50	23.90	20.93	21.52	27.43	26.55	23.26	23.76	22.13		8.55
	₂	₂	₂	_D	_D	_D	_P	_P	_P	_D		95.70

1915 Reservoir 20 3/4 high 30 yards NE

1910-15 Daily values in bound volume, shelf 4, R.M.

Date.	Lat. N.	Long. E.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
51.34	035		Rayleigh	1/2 M	NE	Thundersley	1/2 M	NE

RAINFALL at Thundersley ReservoirCounty of EssexObserver Southend Water Works Co.River Basin Crouch-3Type of Gauge SnowdonAnnual Average in. based on years obs. un-weighted Period of average Ref." 21.3 in. computed by M. Cornish (1938) Ref. 561245/36 660610/26

Diameter	5.											
Height	1.0.											
Altitude	277											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	TOTALS	Mears
January	1.25	.88	1.29	1.46	1.17	3.82	3.65	2.13	3.94	1.93	215.2	
February	1.53	.32	.74	.17	2.35	1.83	4.10	.55	1.02	1.35	136.6	
March	.46	1.17	1.30	1.94	.82	.84	2.67	.37	1.60	2.56	137.3	
April	3.43	1.65	.66	1.59	2.93	1.30	2.65	.44	1.91	1.99	185.5	
May	2.65	3.34	1.69	.48	1.39	.50	2.94	2.00	1.90	.91	178.0	
June	1.14	.53	1.34	1.41	2.40	2.41	2.91	.43	1.00	.56	143.3	
July	3.14	1.48	1.44	2.54	.48	3.57	1.64	1.49	.97	3.74	204.9	
August	4.06	1.31	.30	1.56	2.23	.84	1.10	1.81	2.89	.07	163.7	
September	1.27	1.56	2.88	1.70	3.39	1.99	1.80	1.96	.81	1.19	185.5	
October	.44	5.45	.98	1.64	2.43	1.79	1.65	2.24	7.59	2.06	263.0	
November	1.78	.76	1.05	1.18	4.00	3.35	1.59	1.61	3.96	6.14	254.2	
December	.48	.31	.44	3.73	2.15	1.32	3.85	2.61	1.35	1.34	175.8	
TOTALS	21.63	18.77	14.51	19.40	25.74	23.26	30.55	17.64	28.94	23.84	224.30	KM

1931 Reservoirs 20' high about 30 yds NE.

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 Direction from gauge	Parish Church.	Distance Direction from gauge
1931			Rayleigh	1 1/2 mls NE	Thundersley	1/2 ml NE

RAINFALL at Thundersley Reservoir

County of Essex Observer Southern Water Works Co.
 River Basin Crouch-3
 Type of Gauge Sharston

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

21.3 in. computed by Mr. Cornish (1938) ref. 56 File No. 660610/26

Diameter	5"			235	467							
Height	1'0"											
Altitude	277'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.32	1.92	3.89	1.14	1.75	.86	2.28	2.83	.92	1.41		Total 19.32
February	1.29	.91	.89	1.13	1.34	2.08	1.48	1.42	.51	2.62		13.67
March	2.34	2.72	.41	.18	1.35	1.38	4.55	.64	.81	.60		14.98
April	1.03	.65	1.19	1.61	.98	2.29	1.08	1.23	1.54	1.32		12.92
May	1.32	2.11	1.32	.89	2.43	2.05	.89	1.63	1.99	1.32		15.25
June	.91	.07	1.16	1.48	1.09	2.76	2.17	1.74	.82	1.00		13.20
July	4.32	2.29	1.10	2.77	1.67	2.80	2.13	1.03	.23	2.68		21.02
August	3.99	2.44	1.23	2.78	2.61	4.46	.14	2.88	1.65	1.72		23.90
September	.31	1.64	1.89	2.64	.70	1.95	1.39	.93	1.04	3.22		15.71
October	1.04	3.11	1.61	3.13	1.88	1.60	.36	1.95	5.14	.24		20.66
November	2.34	2.08	1.26	4.02	.64	2.84	.75	2.33	2.21	3.39		21.86
December	1.53	2.15	1.69	1.26	2.92	1.97	2.04	1.79	1.36	1.47		18.18
TOTALS	22.74	22.09	17.64	23.03	19.36	27.04	19.26	20.40	18.12	20.99		210.67

1942. Corrected by F1010. 5/6/56. RSK

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.

RAINFALL at Thundersley Reservoir

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County of Essex

Observer

Southend Waterworks Co.River Basin Crouch - 3Type of Gauge Snowdon

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

" " 21.3 in. computed by Mr. Cornish (1938) ref. 561245/36 File No. 660610/26

22-08 Diameter ... 5"												based on 38 yrs 1916-1950 235 467		Period of av. 1916-1950		Rg		P	
Height ... 1' 0"																			
Altitude ... 277'																			
Year ... 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960												Means							
January ... 1.58 1.51 .88 1.31 2.48 3.23																			
February ... 4.80 .90 1.12 1.86 1.54 .45																			
March ... 2.19 3.07 .32 2.07 1.11 .69																			
April ... 2.73 .86 2.14 .30 .17 1.34																			
May ... 2.29 1.39 1.32 1.77 4.23 .31																			
June89 1.92 1.91 2.70 1.88 1.63																			
July ... 2.92 .77 3.25 2.18 1.07 2.82																			
August ... 2.93 2.14 1.56 3.07 .75 3.01																			
September ... 8.52 3.92 1.82 1.29 2.39 1.76																			
October69 2.31 1.98 1.69 3.68 1.14																			
November ... 3.44 4.42 .73 3.25 .83 .48																			
December ... 1.29 2.13 .80 1.04 1.38 2.27												#							
TOTALS ... 28.27 25.34 17.83 22.53 21.51 19.03																			
D D D D D																			

Inspected 30.11.56 Mr. P.W.G. Peck. Gauge sound. Site slightly sheltered by trees
 trees 20' to 20' & 20' to 20' in neighbours gardens.
 Sky closing 31.12.56 cul. 149A.

Position of Station on Ordnance One-Inch map :

No. of Map... 462

National Grid Reference T.P. 721.870

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

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
	✓	✓	✓	✓	
	✓	✓	✓	✓	