

RAINFALL at Southminster New ManCounty of Saint Observer E. J. Attenborough EsqRiver Basin Crouch 3

Rain Gauge, by _____

Diameter ...			8	7.5								
Height			1.3									
Altitude ...			85?									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTAL
January ...				2.34	1.06	2.09	.82	1.44	3.44	3.37		16.19
February ...				.59	1.68	2.11	3.91	.55	.60	3.79		9.07
March				2.04	4.85	.98	3.99	1.79	.74	2.65		8.85
April				2.12	.98	.93	.99	1.17	2.47	3.90		9.17
May				2.21	1.49	2.73	1.71	1.24	.90	.14		8.53
June .....				.34	.53	.45	1.76	1.10	1.36	1.33		3.99
July			1.62	1.65	2.88	3.50	.89	3.27	5.17	2.67		5.55
August			3.74	.46	.81	3.47	3.59	5.51	1.22	2.41		12.00
September ..			2.41	.63	.62	1.63	.83	.86	4.55	1.18		12.73
October ...			1.60	4.12	1.95	2.00	2.10	3.09	2.47	.84		7.42
November ..			1.31	3.30	2.70	3.32	4.54	1.61	2.25	3.32		8.50
December ...			2.14	.55	6.03	5.66	2.54	1.77	2.04	3.20		11.72
TOTALS ...				20.35	25.88	28.87	27.67	23.40	27.21	28.80		9.55
								3		3 imp		107.08

I think look over the Munton Gauge

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Southminster, New MoorCounty of EssexObserver E. J. AttenboroughRiver Basin Crouch

Rain Gauge, by _____

Diameter ...												
Height												
Altitude ...												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Means.	Totals.
January ...	2.34	1.70	3.80	1.07	2.31	1.01	1.65	.96	2.15	1.28	1.23	19.50
February ...	.55	.75	1.41	2.60	.45	1.38	2.32	3.36	.91	.26	.87	14.86
March .....	.81	.74	1.13	1.72	.50	.96	.09	1.75	2.33	.09	1.17	11.29
April	3.97	1.33	2.49	.82	2.45	1.66	4.03	1.60	1.51	1.51	1.84	23.26
May	1.10	.87	.52	1.86	2.89	2.19	1.37	.80	1.38	.88	1.95	15.81
June	1.18	.17	1.20	.54	1.50	.35	2.42	3.00	2.25	.50	.77	13.88
July	5.42	.16	2.14	1.10	2.73	1.46	1.53	3.33	2.05	1.84	2.36	24.12
August	1.68	.41	1.35	1.77	1.95	1.58	.70	2.52	2.54	1.21	1.97	17.68
September...	7.15	1.55	2.22	1.32	1.59	2.23	.81	3.39	.40	.69	3.05	24.40
October	1.61	.27	1.46	3.94	3.21	2.49	2.18	1.43	2.19	2.14	.77	21.69
November...	.59	1.80	1.37	2.36	3.23	1.50	3.20	2.03	1.46	4.03	3.15	24.72
December...	3.30	1.14	1.55	1.54	1.93	1.99	.61	2.51	3.40	2.47	1.88	22.32
TOTALS...	29.70	10.89	20.64	20.64	24.74	18.80	20.96	26.68	22.57	16.90	21.01	233.53
	d	d	d	d	d	d	d	d	d	d	d	d

1920. Beattie off Lip off S.
wall. off, 20 ft. N.E.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920			Southminster	2 mi	S.E.	do.	do	do

RAINFALL at Southminster (The New Moor.)

County of EssexObserver E. J. Attenborough, Esq. dist 1733River Basin Crouch - 3P. C. AttenboroughType of Gauge Negretti + ZambraMiss M. A. Attenborough 1938

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

752268/27

Diameter	5											
Height	1.6											
Altitude	72											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	1.25	.53	1.35	1.13	2.01	3.65	2.76	2.35	4.08	1.22	2023	
February	1.55	.41	.40	.16	2.03	1.83	3.18	.58	.75	1.36	1225	
March .....	.41	.91	1.28	1.53	.29	.77	2.24	.33	1.50	2.68	1194	
April	2.32	2.12	.58	1.64	2.76	.88	2.87	.31	2.03	1.38	1649	
May	2.33	3.05	1.43	.85	1.16	.55	3.16	2.11	1.96	1.48	1808	
June .....	.83	.44	1.24	.60	1.98	2.84	2.23	.35	2.07	.59	1317	
July	2.62	2.01	1.12	.78	.36	2.84	1.58	1.05	1.25	3.32	1693	
August	4.37	1.26	.22	.97	2.17	.83	1.03	1.62	3.26	.06	1578	
September	1.91	1.42	2.15	.85	2.00	2.22	1.88	1.56	.45	.92	1536	
October .....	.50	5.73	.92	.97	1.09	1.57	1.54	1.23	8.12	2.41	2408	
November	1.17	.81	.80	1.46	2.43	2.96	1.88	1.23	3.64	6.15	2358	
December .....	.35	.17	.56	3.27	1.87	1.09	3.36	2.61	1.23	1.30	1581	
TOTALS	19.61	18.86	12.05	14.14	21.15	21.93	27.41	15.33	30.38	22.87	20370	

1931. Elm trees + shrubs, various heights about 16yds S + 6yds W. KJ 216Position 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
1930			Southminster	4 mi	S	Southminster	4 mi	S

Station No. *M. 1282*RAINFALL at *Southminster (The New Moor)*

41

County of *Essex*Observer *Miss M. A. Attenborough*River Basin *Crouch-3*Type of Gauge *N & Z*

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

File No. *752268/27*

Diameter	5"											
Height	1' 6"											
Altitude	72'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	(2.20)	2.04	3.85	1.99	1.70	1.00	2.37	2.47	.85	1.25		Totals 12.72
February	1.70	1.06	.64	1.52	1.51	1.55	(1.21)	1.37	.70	2.54		13.80
March	2.30	2.71	.28	.25	1.15	1.41	(3.52)	.39	.80	.56		13.37
April	1.12	.62	1.25	1.70	.89	1.42	(1.19)	1.67	1.32	1.39		12.57
May	1.40	2.54	1.28	.81	1.95	2.05	(.60)	2.28	2.08	1.65		16.64
June	.64	.13	1.26	1.07	.93	3.32	(2.41)	1.96	.53	.94		13.19
July	2.38	1.83	1.48	1.91	2.01	2.56	(1.58)	1.66	.52	2.17		18.10
August	3.91	1.51	1.03	3.00	1.81	3.79	(.41)	2.82	.91	2.09		21.28
September	.33	1.37	2.10	2.72	.92	2.15	(1.43)	1.15	1.59	2.90		16.66
October	1.24	3.25	1.59	3.99	1.47	1.03	(.21)	1.32	5.01	.32		19.43
November	2.30	2.27	1.45	4.23	.64	3.21	(.79)	1.71	1.93	3.54		21.97
December	1.82	2.02	1.43	.97	3.08	2.41	(2.19)	2.31	1.43	1.29		18.95
TOTALS	21.34	21.35	17.64	23.16	18.06	25.90	(17.91)	21.11	17.57	20.64		204.68

1941. Jan. estd. for snow.

1947 obs. suspended after January.

Feb-Dec 1947 computed against Broadwell n. Sea (Bellropes) 12.87/7

40004

37774

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.

BRITISH RAINFALL ORGANIZATION

Station No. 1282RAINFALL at Southminster (The New Moor)

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County of EssexObserver Miss M.A. AttenboroughRiver Basin Crouch - 3Type of Gauge N 2

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

File No. 752268/27

Diameter ...	5"		234	850							
Height ...	1' 6"										
Altitude ...	42 ft										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	1.82	1.17	(1.00)	1.50	2.14						
February ...	4.30	.86	.90	1.80	1.62						
March ...	1.99	3.02	.33	2.17	1.18						
April ...	2.57	1.10	2.03	.27	.18						
May ...	2.27	1.40	1.30	1.53	4.28						
June ...	.88	1.96	2.38	3.21	1.99						
July ...	2.52	.41	3.20	1.92	.30						
August ...	2.56	2.38	1.54	2.75	2.26						
September ...	3.06	4.94	1.89	.82	1.25						
October ...	.83	1.73	1.68	1.54	3.49						
November ...	2.71	4.30	.81	2.59	.71						
December ...	1.20	2.11	.59	.83	1.32						
TOTALS ...	26.71	25.38	17.65	20.93	20.92						
	d	d	d	d	d						

Terminated Obs. dtd May 195540004Hyd. Sta. No. 234850NGR: TL(52) 966022Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference TL 966022

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1930			Southminster	$\frac{1}{4}$ m S	Southminster	$\frac{1}{4}$ m S

Summary of Earlier Records from 10-year Sheets:

1916-1950 P - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	Crouch 1912	✓	✓	✓	
	- but 2.17 & 1.9	✓ but 2.22, 2.52	✓ but 2.34, 3.40	✓ but 2.47	
				but 2.42	