

RAINFALL at MaldonCounty of EssexObserver Mr. C. CloughtonRiver Basin H- BlackwaterS. Gozzett (observer) (Iron blisk)M.O. Rain Gauge, by _____

Diameter ...									5		
Height									1		
Altitude ...									14		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...									(3.25)	1.25	1.57
February ...									(1.25)	.44	.43
March									(2.32)	.02	.91
April									0.90	1.28	1.64
May									1.31	1.18	1.89
June									2.28	.76	.38
July									1.58	2.40	2.82
August									2.40	1.08	2.01
September...									0.45	.31	2.93
October									2.55	2.43	.90
November...									1.72	4.59	3.18
December...									2.85	3.51	1.77
TOTALS...									(22.86) d	19.25 d	20.43 d

1928. Jan. Feb. Mar. 10" 11" estimated from traps & dg. Stations observer informed well.
 1929 Stevenson Screen 5' 8" high 12' N.N.E. File 573 577/28.

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	Parish Church.	Distance from gauge	Direction
1928.			Maldon East	3/4 m	N.N.E.	Maldon (St. Mary's)	1/4 m	N.W.

RAINFALL at Malden

M.W.R.

County of EssexObserver Town ClerkRiver Basin Blackwater - 4Type of Gauge M.O.

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....
 " " 20.0 in. computed by Mr. Cornish (1938) Rf. 561245/36

Diameter	5.					5"						
Height	1.0.					1'0"						
Altitude	14.					14'	15		14'			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.65	.89	1.17	1.22	1.57	4.14	3.49	2.38	4.73	1.10	2.234	
February	1.63	.19	.77	.19	1.95	1.62	3.46	.42	.88	1.59	1.270	
March	.18	.92	1.25	1.73	.34	.83	2.21	.30	1.46	2.24	1.146	
April	2.70	1.83	.76	1.59	2.22	1.05	2.80	.18	2.29	1.31	1.643	
May	1.98	2.92	1.24	.46	1.23	.44	2.34	1.68	1.43	1.03	1.475	
June	.86	.55	.94	1.39	2.26	3.07	2.34	.55	1.40	.40	1.376	
July	2.90	1.66	.57	1.34	.68	2.42	1.15	1.07	2.34	3.47	1.760	
August	2.90	.96	.29	1.15	2.22	.64	1.29	1.01	6.24	.01	1.671	
September	1.12	1.65	2.02	1.49	3.86	2.43	1.68	1.41	.47	1.08	1.691	
October	.47	5.88	1.27	1.58	1.91	1.34	1.42	2.16	6.07	2.11	2.421	
November	1.78	.80	1.00	1.44	3.89	2.94	1.36	2.49	3.48	5.42	2.460	
December	.52	.15	.29	3.94	1.88	1.25	3.69	2.66	1.05	1.32	1.675	
TOTALS	18.69	18.40	11.57	17.52	23.71	22.17	26.93	16.31	31.84	21.08	20.822	KM

1931. Stevenson Screen 5' 10" high 12' N.

Inspected 12/10/35.

Inspected 24/5/36

Inspected 12/6/38

1936. Inspected 2/10/36.

Turf use 5' 6" high standard

Turf wall now standard.

Satisfactory

No change.

(at present 18" high & slopes inwards railway)

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
1931			E. Malden	1 mile	NNW	Malden St Mary's	1 1/2 mile	NW
1936			E. Malden	3 1/4 m	NE	"	"	"

Station No. 1282

RAINFALL at Malden

M.W.R.

41

County of Essex

Observer Town Clerk.

River Basin Blackwater - 4

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average Ref. 561245/36

" " 20.0 " completed by Mr Cornish (1938) File No.

Diameter	5"			234	290 336							
Height	1' 0"											
Altitude	14'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.20	2.20	3.82	1.02	1.51	1.12	2.12	2.76	1.11	1.25	19.11	✓
February	1.75	.90	.85	.80	1.51	1.77	1.59	1.22	.86	2.49	13.44	✓
March	2.31	2.01	.35	.13	.99	1.29	3.69	.74	.67	.62	12.20	✓
April	.96	.80	1.04	1.59	.73	1.18	.89	1.69	.94	1.43	11.23	✓
May	1.21	1.85	1.15	1.18	1.91	1.32	.62	1.53	1.54	1.48	13.79	✓
June	.33	.07	1.84	1.48	1.03	2.03	2.00	1.69	.50	1.29	12.26	✓
July	3.44	1.45	1.03	2.02	1.27	2.45	1.77	.96	.76	2.04	17.21	
August	3.81	1.80	1.02	2.53	1.66	3.87	.06	2.90	.88	1.32	19.25	✓
September	.27	1.56	1.61	2.16	.97	1.30	1.41	1.26	.84	2.79	14.27	
October	1.21	2.83	1.49	3.23	1.49	.83	.30	1.61	4.43	.22	12.64	✓
November	1.85	1.97	1.49	3.37	.36	2.57	.65	1.92	2.03	3.67	10.78	
December	1.29	2.22	1.32	1.16	2.59	2.02	2.23	1.69	1.34	1.60	17.46	
TOTALS	20.63	19.36	17.01	20.67	16.02	21.75	17.33	19.97	15.90	20.22	128.20	
	2	2	2	2	2	2	2	2	2	2	2	

* gauge in use since 1927. New no gauge supplied 12.5.42
 1941. Jan. cold. from monthly map.
 Inspected 13.9.47 by A.C. Com. Gauge & site satisfactory. Trif plot surrounded by low fence and drainage ditches.
 Inspector checks there may be slight over exposure to East in spite of ledge - no action.

40004

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	Parish Church.	Distance from gauge.	Direction

Station No. 1288RAINFALL at S. Maldon

(M.W.R.)

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County of EssexObserver Town ClerkRiver Basin Blackwater - 4Borough Engineer.Type of Gauge M.O.Annual Average 20.65 in. based on 28 years obs. un-weighted. Period of average 1916-50 Ref. S." " 200 in. computed by Mr. Borchers (1938) Ref. 561245/56File No. 1916-50

Diameter ...	5"											
Height ...	1' 0"											
Altitude ...	14'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	2.18	1.58	.92	1.20	2.02	3.31	.97	2.50	2.04	1.61		18.23
February ...	4.65	.83	.93	1.86	1.62	.37	2.46	2.30	.10	1.57		16.69
March ...	2.14	3.06	.31	2.20	1.03	.68	1.29	.66	1.18	1.08		13.63
April ...	2.59	.91	1.78	.25	.18	1.25	.16	1.12	2.03	.50		10.77
May ...	2.05	1.23	1.10	1.80	4.13	.53	.90	2.22	.67	2.14		16.77
June94	1.70	1.86	2.25	2.05	2.00	1.23	4.62	.73	1.34		18.72
July ...	1.70	.55	2.81	2.09	.10	3.19	2.82	2.49	1.58	2.57		19.90
August ...	2.51	1.49	1.18	2.67	.64	3.40	1.64	3.64	.64	4.49		22.30
September ...	2.29	3.65	2.01	1.86	1.99	1.41	2.53	4.34	.05	3.73		23.86
October62	1.89	2.37	1.65	3.83	.92	1.17	2.59	1.70	6.12		22.86
November ...	3.42	4.10	.36	3.17	.89	.53	2.52	1.20	2.50	3.02		21.71
December ...	1.61	2.47	.75	.59	1.28	2.47	1.63	3.06	3.42	2.13		19.41
TOTALS ...	26.70	23.46	16.28	21.59	19.76	20.09	19.32	30.74	16.64	30.30		224.95
	D	D	D	D	D	D	D	D	D	D		

Imp. Tl. Inland. 20.11.51 Gauge constructed on N. S. bank [6' 6" above road 10' E (to be removed)]
 J. Bird & K. Bird. To be moved E.S.E. 4' 6" - line 26.9.52

Imp. 16.7.54 Mr. D. W. Johnston - Satisfactory. New M.O. measure installed. Same found to be
 elevated up 10" from gauge. Enclosure surrounded by hedge (2' 5").

* amended 29/3/55

8 Knapford round gauge

863065

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 52/041 068

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-10	1920-30	1931-40	1941-50	1951-60
		C 28 ✓	✓	✓	
		✓ but 26.28	✓	✓ but 26.41	