

RAINFALL AT Great Maplestead, Monks Lodge.

Essex

Observer

J. F. Miller Esq

Colme + c - 5.

[illegible]

RAINFALL AT

Great Maplestead, Mark's Lodge

Lat.

Lon.

County of Essex

Rain Gauge, by

Observer J. F. Miller Esq

Colne & C-5.

Diameter ..	5										
Height	0 9	1 0			0.9						
Altitude ..	300	250	245					7			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...	2.81	.52	.68	1.81	1.99	1.02	3.34	1.52	.56	.86	1.511
February ..	3.10	.72	.92	.48	2.89	1.34	2.33	1.04	1.59	.65	1.506
March	1.30	2.36	.92	2.06	1.79	2.35	2.72	.86	2.12	2.72	1.920
April	1.10	2.15	.81	2.50	.59	1.79	.90	3.25	2.85	2.10	1.804
May .....	.90	1.22	1.99	3.78	1.19	1.03	1.19	1.98	1.08	.99	1.535
June	2.56	2.55	3.14	4.41	1.54	3.09	1.87	1.41	.79	4.62	2.598
July	1.37	1.09	1.39	4.05	1.99	.71	1.59	2.49	3.21	3.53	2.142
August	2.80	1.18	4.04	3.30	1.64	2.03	.91	2.13	2.30	2.31	2.264
September..	.41	1.31	1.02	2.56	.93	1.37	1.17	.61	.70	1.95	1.203
October....	1.78	2.35	1.47	4.50	.94	1.13	4.27	2.77	1.63	3.55	2.439
November..	2.06	.79	1.59	2.09	1.25	2.52	3.91	2.41	1.37	.67	1.866
December ..	2.61	3.30	1.33	1.41	1.56	.85	1.81	3.28	1.73	3.31	2.119
TOTALS ..	22.80	19.54	19.30	32.95	18.30	19.23	26.01	23.75	19.93	27.26	22.007

1902 Great Maplestead Church $\frac{1}{4}$ mile S
 Trees 40 ft high 60 ft E & W
 Heddingham Station $2\frac{1}{4}$ mile W

H.W.

RAINFALL at Great Maplestead, Monks LodgeCounty of EssexObserver T. F. Miller EsqRiver Basin Cole & C 5

Rain Gauge, by _____

Diameter ...	5										
Height	0 9										
Altitude ...	245 T				230						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.52	1.47	2.80	2.94	1.52	2.70	1.18	1.14	2.60	1.81	
February ...	2.08	1.32	1.27	.73	2.05	2.74	3.50	.88	.49	2.94	
March	1.12	2.17	3.25	1.72	3.40	1.65	3.26	1.65	.90	2.16	
April	1.94	.73	.24	1.86	.70	.70	1.71	1.86	2.87	2.69	
May	2.85	1.24	.97	1.55	1.32	2.18	1.70	1.06	1.62	.26	
June	1.33	1.95	1.60	1.31	.50	.65	3.05	1.34	.91	1.27	
July	1.92	.23	1.81	1.85	2.29	3.58	1.65	2.68	5.81	2.76	
August	2.45	1.44	5.94	1.09	.48	1.83	4.75	4.76	1.31	2.46	
September ..	.82	1.31	2.72	.74	1.22	1.54	1.44	1.36	3.69	1.08	
October ...	1.20	2.78	1.76	3.40	1.59	1.81	3.48	3.38	2.84	.77	
November ..	3.81	3.18	1.94	2.22	2.57	2.28	3.55	1.49	2.07	1.40	
December ...	2.80	4.04	2.07	.67	5.33	4.70	3.03	1.05	2.59	3.27	
TOTALS ...	23.84	21.86	26.37	20.08	22.97	26.36	32.30	22.65	27.20	22.87	

1910 Dec 80 ft high 80 ft 80

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910 - 1914	52° 38'	1° 52'	Hedingham	2 1/4 m	W	St. Mary's	1/2 mile	S

RAINFALL at Gr. Maplestead, Monks HallCounty of EssexObserver: T. F. Miller Esq. (res.) Miss J. MillerRiver Basin Colne & C. S.

Rain Gauge, by _____

Diameter ...	5										
Height	0 9										
Altitude ...	230										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN 1930
January ...	1.57	2.29	3.32	1.50	3.07	1.41	2.53	1.15	3.50	2.08	1.82
February ...	.26	1.13	1.62	3.55	.72	2.82	2.87	3.60	1.21	.45	.54
March	1.15		2.17	1.31	.73	.85	.21	2.07	2.53	.00	1.51
April	3.10	1.78	2.51	1.42	3.05	2.06	3.85	2.15	1.46	1.83	1.80
May	1.03	.94	1.43	1.15	4.52	2.79	1.66	.25	1.90	1.35	2.46
June	1.11	.24	1.13	.42	2.79	.37	3.16	3.33	2.10	.88	1.07
July	4.44	.27	3.47	1.36	3.46	2.36	3.09	3.74	2.14	2.81	3.12
August	1.49	.67	1.84	2.08	2.50	3.35	1.97	3.09	2.26	1.17	1.70
September...	2.60	1.92	2.61	2.48	2.95	3.13	1.35	4.77	.72	.62	3.33
October .....	.84	2.08	.61	4.10	4.40	3.00	3.35	2.08	3.03	2.66	.97
November...	.83	1.56	1.04	2.30	2.98	1.96	3.93	2.67	1.88	5.55	2.32
December...	2.27	1.38	1.52	1.79	2.35	2.15	.30	(2.53)	2.45	5.13	1.93
TOTALS...	21.09	14.26	23.57	23.46	33.52	25.95	28.27	31.43	25.18	24.53	22.57

1930. Snow 50 LfL 20yds. SW.
 Snow 30 " 20 " N.
 1925. Snow 70 " 70 ft SW.

1927 Dec con for anor.

1930. Gauge moved July 17th $\frac{1}{4}$ mile S.
 House 20' high 3yds N.
 Tree 45' " 10 " S

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	38	52	Hedington	2.2 mi	N	Gr. Maplestead	$\frac{1}{4}$ mi	S

RAINFALL at Eastdale + (1938)
Gt. Maplestead (Monk's Hall)

County of EssexObserver Miss J. MillerRiver Basin Colne & C. - S.Type of Gauge Not to be used

Annual Average 23 in. based on 23 years obs. un-weighted. Period of average 1881-1915 Ref P.B. 379

85407123

Diameter	5.										
Height	0.9.	1.	0.								
Altitude	260.	200									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.13	1.10	1.19	.99	1.87	4.41	3.18	3.05	4.59	(1.60)	2311
February	2.06	.25	1.28	.40	1.89	2.16	3.60	.34	.75	1.83	1456
March	-	1.04	1.64	2.28	.50	.92	3.56	.42	1.77	3.05	1513
April	3.02	1.99	1.01	2.19	2.24	1.38	3.55	.29	2.78	1.70	2015
May	2.57	3.89	1.35	.42	1.45	1.12	2.52	1.61	1.05	2.54	1852
June	1.00	.50	1.93	.77	3.01	3.00	1.47	.62	2.45	.48	1523
July	3.17	2.06	1.19	.95	.18	2.03	.75	1.21	2.37	3.22	1713
August	4.37	1.36	.87	1.83	.77	.30	1.55	.95	2.57	.10	1467
September	1.27	1.44	1.97	.76	2.84	2.09	1.35	1.81	.57	.40	1450
October	.30	4.84	1.90	1.14	2.16	1.09	1.46	2.11	7.47	1.65	2412
November	1.29	1.08	1.45 (1.52)	1.60	3.90	2.61	1.42	1.95	3.57	6.35	2522
December	.62	.35	1.12	3.51	2.60	1.85	3.08	2.33	.81	1.28	1695
TOTALS	20.80	19.90	(14.30) 16.90	16.79	23.41	22.96	27.49	16.69	30.75	24.20	21929

1931. House 20' high byds N.

Trees 40 " 7yds S

1940. Jan etc for chow.

1933. December adjusted by new stations.

Gauge formerly at Gt. Maplestead (Monk's Hall) Forwards from 1938

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
1931			Hednigham	2½	SW	Maplestead	500 yds	W

RAINFALL at Gt. Maplestead (Saxedale) Station No. 1325 41
 County of Essex Observer Miss J. J. Miles
 River Basin Colne &c. - 5
 Type of Gauge

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

File No. 884071/22

Diameter	5"										
Height	1'0"										
Altitude	200'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.96	(2.31)	4.41	1.64							
February	1.56	.45	1.03	.95							
March	3.09	1.22	.50	(.60)							
April	1.01	.78	.86	1.32							
May	1.57	1.67	.85	1.11							
June	.83	.32	1.40	1.35							
July	2.39	2.94	1.69	1.78							
August	3.83	1.42	1.11	1.81							
September	.60	1.72	1.96	3.10							
October	2.10	4.44	1.76	(2.99)							
November	2.28	2.22	1.59	3.05							
December	1.87	2.95	2.01	1.14 #							
TOTALS	23.09	22.44	19.17	(20.75)							

1941. Sept & Oct apportioned.

1941. Hedge 5' high 8 yds. S.

1943 House 31 ft. high 50 yds NE. Trees 40 ft. high 50 ft E

1944 March & April app, Oct pt. est'd.

1945 No rainfall record in kept. 2m. term.

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			Hedderham	2 1/2 m.	W.	Maplestead	500 yds	S.

BRITISH RAINFALL ORGANIZATION

(4456-50) WL 47525-4471 12,000 2/40 T.S. 700

1910-'19

1920-'30

1931-'40

1941-'50

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