

RAINFALL AT *Chelmsford Whittle* 80 Melbourne.

Lat.

Lon.

County of *Essex*

Rain Gauge, by

Observer *E. Rosling, Esq*

Blackwater - 14.

Diameter		5									
Height		0.9	-								
Altitude		140 T									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January		1.02	1.04	1.53	1.91	1.36	2.60	1.21	.82	.68	
February		2.29	1.11	2.52	1.05	2.26	.44	.48	1.20	1.72	
March		1.63	.03	.82	1.78	1.45	1.01	1.16	2.75	1.46	
April .....		.70	2.53	2.00	.79	1.39	1.05	1.32	1.32	1.70	
May .....		.65	1.31	1.64	.42	2.37	2.18	1.56	.82	3.03	
June		1.87	1.98	2.04	.93	1.55	.40	.37	2.96	1.55	
July		1.35	2.60	2.47	2.09	1.17	2.10	1.19	3.91	1.53	
August		3.75	1.61	.61	.69	2.35	1.26	1.47	3.73	2.21	
September		1.98	2.29	2.53	2.13	4.04	.86	1.96	.68	1.93	
October		2.49	5.64	2.30	1.44	3.68	1.97	1.31	1.34	3.40	
November		2.12	2.50	2.85	1.09	2.92	2.53	3.63	3.83	1.07	
December		2.82	2.45	.75	2.42	.75	3.38	1.06	1.06	1.14	
TOTALS		22.67	25.00	22.88	16.74	25.29	19.48	16.72	24.42	21.42	

1881. Whittle

S.W.

Decodar 23ft high 21ft S.

RAINFALL AT

Orleansford Whittle, Melbourne.

Lat. _____

Lon. _____

County of *Essex*

Rain Gauge, by _____

Observer *E Rosling Esq*

Blackwater - 14.

Diameter	5										
Height	0 9				0 6		9				
Altitude	140 I										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEAN.
January	1.87	1.38	.35	1.35	2.11	1.47	.68	1.81	.66	1.80	1.348
February	1.08	.05	2.18	2.46	1.26	.17	.57	2.28	.73	1.49	1.227
March	1.77	1.52	1.12	.33	.66	1.10	2.68	3.11	1.49	.70	1.448
April .....	.95	.45	1.34	.10	1.75	.82	.48	1.32	1.23	2.21	1.065
May	1.86	1.80	1.17	1.09	1.33	.42	.17	1.07	1.99	1.33	1.223
June	2.17	.79	2.73	.52	1.78	.53	2.76	2.99	1.96	1.42	1.765
July	4.41	3.35	1.11	1.93	2.74	3.08	.48	.14	.85	3.02	2.111
August	2.92	2.69	3.39	1.37	1.93	1.82	3.05	2.14	.83	.85	2.099
September....	.62	.45	1.87	1.14	1.57	.80	4.91	2.18	.25	2.32	1.611
October .....	.93	3.61	4.01	2.86	2.75	1.35	2.62	.65	2.19	2.01	2.298
November....	1.66	1.56	2.28	2.18	2.88	2.39	.99	.75	1.89	3.35	1.993
December ....	.57	2.41	1.24	1.68	1.53	2.65	2.85	1.97	1.90	1.36	1.816
TOTALS . .	20.81	20.06	22.79	17.01	22.29	16.60	22.24	20.41	15.97	21.86	20.004

RAINFALL AT *Writtle Melbourne*

Lat.

Lon.

County of *Essex*

Rain Gauge, by

Observer *E. Roaling Esq*

Blackwater H.

Diameter ..	5										
Height	0 9										
Altitude ..	140 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.55	.63	.52	1.76	1.74	.90	2.68	.72	.67	.82	1.299
February ..	3.21	1.11	.88	.64	2.54	.65	1.86	.66	1.04	.65	1.324
March ....	.88	2.18	1.39	1.77	1.58	2.51	1.17	.66	1.96	2.92	1.702
April .....	.72	1.68	.41	1.58	.58	1.82	.65	2.55	2.63	1.94	1.456
May .....	.98	.89	2.38	2.06	1.47	.93	1.41	1.79	2.08	1.24	1.523
June	1.85	1.07	3.88	5.89	1.09	2.58	1.72	2.12	1.06	3.95	2.521
July .....	.99	2.64	.98	4.50	1.79	.78	.85	1.81	3.11	3.66	2.111
August	2.77	1.27	3.00	3.64	1.93	1.76	.60	1.32	2.58	2.54	2.141
September..	.66	1.16	.69	2.27	.92	1.23	1.39	.60	1.25	2.58	1.275
October	1.48	2.59	1.34	4.42	1.00	1.07	4.10	3.09	1.62	4.35	2.506
November ..	1.76	.69	1.52	1.85	1.22	1.88	3.72	2.07	.76	1.20	1.667
December ..	2.06	3.25	1.02	1.34	1.62	.57	1.83	2.80	2.02	3.30	1.981
TOTALS ..	19.91	19.16	18.01	31.72	17.48	16.68	21.98	20.19	20.78	29.15	21.506

1903 Chelmsford Station 1 3/4 m E

H. H. H.

RAINFALL at Wattle MelbourneCounty of EssexObserver E. R. R. Esq. SecondRiver Basin Blackwater 4J. A. R. Esq. 1915

Rain Gauge, by _____

Diameter ...	5										
Height	0 9										
Altitude ...	140 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.18	1.20	2.31	3.08	.76	2.79	1.04	1.29	3.22	3.02	
February ...	2.38	.86	1.46	.76	2.26	2.84	3.73	.70	.66	2.85	
March	1.15	1.90	2.65	1.49	3.80	1.53	4.03	1.59	1.05	2.51	
April	1.27	1.00	.09	2.59	.88	.76	1.06	1.72	3.10	4.15	
May	3.29	1.16	.88	1.74	1.33	2.70	1.71	2.90	1.37	.39	
June	1.94	2.19	3.10	1.12	2.04	.90	1.97	1.35	.85	1.35	
July	1.93	.39	1.60	2.16	2.06	4.02	1.17	4.70	4.42	2.06	
August	2.65	.66	3.90	.52	.74	2.69	4.30	3.74	1.56	2.15	
September ...	.93	1.32	2.49	.90	.94	2.36	1.22	.91	3.80	1.16	
October ...	1.56	2.76	1.99	3.54	1.39	1.89	3.02	3.45	1.60	1.03	
November ..	3.46	3.34	1.65	2.57	2.89	3.03	3.78	1.67	2.10	1.63	
December ...	3.54	3.97	2.40	.58	6.20	4.74	2.88	1.42	2.10	2.94	
TOTALS ...	25.28	20.75	24.52	21.35	25.29	30.24	29.91	25.44	25.86	25.24	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
910			Chelmsford	1 1/2 miles	E			

RAINFALL at Writtle, MelbourneCounty of EssexObserver J. A. Rosling Esq.River Basin Blackwater(1925) Howard Rain Gauge, by _____

Diameter ...	5										
Height .....	.9										
Altitude ...	140										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1930
January ...	2.23	1.98	2.79	1.10	2.84	1.31	2.58	1.38	3.05	1.56	2.10
February ...	.37	.25	1.95	3.15	.65	2.35	3.16	3.48	1.06	.61	.59
March	1.27	1.19	1.24	1.65	.73	1.00	.21	1.98	2.39	.08	1.36
April	3.67	1.54	2.67	1.57	3.24	1.56	5.12	1.57	.98	2.17	2.08
May	2.89	1.12	1.06	1.57	4.31	2.48	1.16	.91	2.36	1.96	2.68
June	1.29	.13	1.65	.85	1.50	.82	2.77	3.22	2.52	.68	.65
July	3.59	.22	2.46	1.18	3.75	4.35	2.39	2.60	1.79	1.40	2.80
August	2.04	1.36	2.28	1.63	1.91	3.54	1.11	4.32	2.81	1.63	3.37
September...	3.91	2.42	3.12	1.80	2.40	2.76	1.08	4.83	.85	.95	3.89
October .....	.84	.93	1.36	4.77	3.42	3.12	2.74	1.90	3.53	3.42	1.13
November...	.44	1.72	1.25	2.33	3.59	2.03	4.29	2.53	2.00	4.78	4.05
December...	2.45	1.03	2.33	1.93	2.66	2.05	.51	3.16	3.19	4.29	2.39
TOTALS...	24.99	13.89	24.16	23.53	31.00	27.07	27.12	31.88	26.53	23.53	27.09

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
			<u>Chelmsford</u>	<u>1 1/2 mi</u>	<u>E</u>	<u>Writtle</u>		

RAINFALL at Writtle (Melbourne)County of EssexObserver J. A. Rosling, Esq.River Basin Blackwater - 4

Type of Gauge

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

Diameter	5.										
Height	0.9.										
Altitude	140.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.04	1.28	1.28	1.53	1.73	4.26					
February	1.85	.36	1.08	.25	2.34	1.82					
March	.28	1.33	1.91	2.33	.87	.95					
April	2.22	2.20	.94	2.20	2.83	1.32					
May	2.88	3.92	1.51	.62	1.66	.84					
June	1.35	.71	1.34	1.32	3.86	3.34					
July	3.75	3.22	1.20	1.98	.98	3.73					
August	3.70	1.14	.44	1.47	1.91	.64					
September	1.89	1.88	2.11	1.08	2.99						
October	.72	5.08	1.58	1.44	2.88						
November	2.09	1.09	1.49	1.78	4.56						
December	.69	.40	.57	4.40	2.61						
TOTALS	24.46	22.61	15.45	20.40	29.22						
	D	D	D	D	D						

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
1932			Chelmsford			Writtle		

Station No. 125/60

RAINFALL at Chelmsford, Chelmer Avenue

County of Essex

Observer Eric S. Kelley, Esq.

River Basin L. - Blackwater

Type of Gauge Snowdon

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

No average posted - too short.

File No. E 6015/53

Diameter ...												
Height ...												
Altitude ...												
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...				1.16	2.44	3.39	-	1.81				
February ...				2.47	1.84	.57	-	2.82				
March ...				2.15	1.09	.70	inc.	.97				
April ...				.21	.14	1.15	.20	1.30				
May ...				1.43	4.54	.68	1.21	2.26				
June ...				1.93	2.12	1.60	1.44	4.61				
July ...				1.93	.34	3.65	2.60	2.90				
August ...			1.35	2.89	.62	3.91	2.04	4.41				
September ...			1.83	1.40	2.13	1.34	2.42	5.09				
October ...			2.48	1.90	3.87	1.14	1.47	2.28				
November ...			.89	3.35	.71	(.53)	2.42	1.47				
December ...			.73	1.41	1.29	(2.20)	1.90	2.63				
TOTALS ...				22.23	21.13	(20.86)	Inc. nb.	32.55				

1953 British Steel 7 1/2" high 20" N. gauge 11" high 60" S. British 5" high 11" E. gauges 11" high 50" W.
 1952. Found a plain lead in gauge of found & during deep hole up and 20.7.53. Because steel returns 5.9534.

1953 gauge leaky until August

1956: NP too much estimation.

Inspected 25.5.60 by Mr. White. Rows 6" S.E. on 5" S.W. Very near other gardens and liable to interference.
 5-6-60. No post-inspection letter as no reply to 2nd app.

1960 Terminated. Gauge interfered with.

Would like to find monkey (see file at 8A)

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference TL(52)695084

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1953			Chelmsford	1 1/2 mi S.E.	Chelmsford	1 1/2 mi S.E.

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60