

RAINFALL AT Chelmsford Writtle 80  
Lat. .... Lon. .... County of Essex  
Rain Gauge, by Observer E. Rosling, Esq.

Beechwater - 14.

Diameter ....	5									
Height ....	0.9	-								
Altitude ....	140 T									
Year ....	1880	1881	1882	1883	1884	1885	1886	1887	1888	MEANS.
January ....	1.02	0.4	1.55	1.91	1.36	2.60	1.21	.82	.68	
February ....	2.29	1.11	2.92	1.05	2.26	.44	.48	1.20	1.72	
March ....	1.63	0.8	.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	1.58	.40	.87	2.96	1.55	
July ....	1.35	2.00	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	2.93	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	26.00	22.88	16.74	25.29	19.48	16.72	24.42	21.42	

1881. Writtle

S.W.

Deodar 23ft high 21ft S.

RAINFALL AT Bethelmsford Whittle, MelbourneLat.Long.County ofEasyRain Gauge, byObserverE Rosling EsqBlackwater - 14.

Diameter .....	5											
Height .....	0 9				0 6				9			
Altitude .....	140 T											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
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. Roalting Esq

Blackwater - 44.

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	1299
February ..	3.21	1.11	.88	.64	2.54	.65	1.86	.66	1.04	.65	1324
March ....	.88	2.18	1.39	1.77	1.58	2.51	1.17	.66	1.96	2.92	1702
April .....	.72	1.68	.41	1.58	.58	1.82	.65	2.55	2.63	1.94	1456
May .....	.98	.89	2.38	2.06	1.47	.93	1.41	1.79	2.08	1.24	1523
June .....	1.85	1.07	3.88	5.89	1.09	2.58	1.72	2.12	1.06	3.95	2521
July .....	.99	2.64	.98	4.50	1.79	.74	.85	1.81	3.11	3.66	2111
August ....	2.77	1.27	3.00	3.64	1.93	1.76	.60	1.32	2.58	2.54	2141
September..	.66	1.16	.69	2.27	.92	1.23	1.39	.60	1.25	2.54	1275
October....	1.48	2.59	1.34	4.42	1.00	1.07	4.10	3.09	1.62	4.35	2506
November ..	1.76	.69	1.52	1.85	1.22	1.98	3.72	2.07	.76	1.20	1667
December ..	2.06	3.25	1.02	1.34	1.62	.57	1.83	2.80	2.02	3.30	1981
TOTALS ..	19.91	19.16	18.01	31.72	17.48	16.68	21.98	20.19	20.78	29.15	21.506 557

1903 Chelmsford Station 1 3/4 m E

H.W.G.

## RAINFALL at Wattle Melbourne

County of Essex

Observer E Rosling Esq Second

River Basin Blackwater 4

J. A. Rosling 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	2.77	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	1.58	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	.82	.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 ...	2528	2075	2452	2135	25.29	30.24	29.91	25.44	25.86	25.24	
	7	7	7	7	7	7	7	7	7	7	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
9/10			Chelmsford	1½ miles	E			

## RAINFALL at Writte, Melbourne

County of Essex.

Observer: J.A. Rosling Esq.

River Basin Blackwater R.

(1925) Howard Rain Gauge, by \_\_\_\_\_

Diameter ...	5										
Height .....	9										
Altitude ...	140										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	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	.78	1.00	.21	1.98	2.39	.08	1.36
April.....	3.69	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
	D	D	D	D	D	D	D	D	D	D	D

Position of Station on reduced Ordnance Survey } No. of Map  
Map, 2 miles to 1 inch Series

Reference No. \_\_\_\_\_

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
			Cheshunt	1 1/2 mi	E	Writte		

## RAINFALL at Writtle (Melbourne).

County of Essex.

Observer J. A. Rosling, Esq.

River Basin Blackwater - u.

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	2.26					
February	1.85	3.36	1.08	2.25	2.34	1.82					
March	2.28	1.33	1.91	2.33	1.87	1.95					
April	3.22	2.20	1.94	2.20	2.83	1.32					
May	2.88	3.92	1.51	1.62	1.66	1.84					
June	1.35	1.71	1.34	1.32	3.86	3.34					
July	3.75	3.22	1.20	1.98	1.98	3.73					
August	3.70	1.14	1.44	1.47	1.91	1.64					
September	1.89	1.88	2.11	1.08	2.99						
October	1.72	5.08	1.58	1.14	2.88						
November	2.09	1.09	1.49	1.78	4.56						
December	1.69	1.40	1.57	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. } 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
1932			Chelmsford			Writtle		

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 128416

315160

## RAINFALL at

Chelmsford, Esplanade Avenue

County of Essex

Observer E. S. Kelley, Eng.

River Basin Lea - Blackwater

Type of Gauge Snowdrift

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

No average available - too short.

File No. E. 100145/53

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	3.66	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			2.43	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. NP.	32.55 D					

1953 British Rain 7½" high 20° N. gauge 11" high 60° S. border 5° E. gauge 11" high 50° W.

1958 Rain up to level of gauge &amp; found during inspection repaired 20.7.53. Reason Shallow storm 5.9.53.

1953 gauge leaky until Aug 53.

1956 NP. too much estimation.

Inspected 25.3.60 by G. Blundell. Rose 6.5° E. on 5.6° SSW. Very near other gardens and liable to interference.

5.6° SSW. No post-infect letter re no reply to 2nd app.

1960 Terminated - gauge interfered with.

Would like to send monthly (see file ad 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 from gauge	Direction	Parish Church.	Distance from gauge
1953			Chelmsford	1 1/2 mi	SE	Chelmsford	1 1/2 mi

Summary of Earlier Records from 10-year Sheets :

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