

79

RAINFALL AT Earls Colne Chalkney House

Lat.

Lon.

County of

Essex

Rain Gauge, by

Observer

H. F. Hills Esq.

Colne - 5.

Diameter . . .										.5		
Height . . .										1.		
Altitude . . .										180		
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January . . .									1.28	2.31		
February . .									1.24	2.75		
March									1.20	.69		
April									1.39	2.25		
May									4.13	2.86		
June . . . . .									.78	3.70		
July . . . . .									.06	3.96		
August									2.81	2.87		
September . .									.88	3.44		
October									2.01	.69		
November . .									4.14	1.42		
December . .									1.03	.76		
TOTALS . .						(27.00)	(26.50)	(28.00)	20.95	27.70		

Estd. for Essex map ratios. 1871

1878 Very low shrubs some yards distant

1875 Est. 23 III 14 to complete 35 yrs averages. 231

RAINFALL AT *Chalkney House, Earls Colne*

Lat.

Lon.

County of *Essex*

Rain Gauge, by

Observer *H. F. Hills, Esq.*

Colne 4c-5.

Diameter	5										
Height	1.0										
Altitude	180 T										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.19	1.46	1.27	1.84	1.74	1.67	2.59	1.50	1.29	1.77	1.532
February	1.54	2.29	1.06	3.07	1.18	2.39	1.18	1.56	1.74	1.76	1.577
March	1.72	1.49	1.41	1.91	1.14	1.22	1.76	1.63	2.81	1.36	1.444
April	2.05	1.24	3.38	1.37	1.82	1.10	1.87	1.20	1.87	1.85	1.575
May	2.25	1.69	1.47	1.48	1.30	2.82	2.17	1.86	1.69	3.58	1.531
June	1.91	1.68	2.38	2.07	1.86	1.00	1.40	1.29	2.67	1.80	1.506
July	3.73	1.66	2.81	2.12	2.35	1.93	2.89	1.18	4.40	2.83	2.490
August	1.13	3.14	1.65	1.02	1.85	1.79	1.22	1.78	2.53	2.82	1.793
September	3.68	1.91	2.60	2.52	2.83	5.26	1.81	1.97	1.68	2.02	2.627
October	5.36	2.12	4.65	2.66	2.13	4.17	2.25	1.66	1.28	4.25	3.053
November	1.86	1.96	2.56	2.67	1.21	3.01	2.81	3.58	4.58	1.62	2.586
December	2.29	3.02	2.72	1.36	1.88	1.93	3.49	1.11	1.02	1.50	1.932
TOTALS	34.71	22.66	27.96	25.07	17.29	26.28	22.43	18.32	26.56	27.16	23.646

1880. Earls Colne, 1½ miles. W.

1882 Shrubs 4 and 5 ft high many yards S, E and W.

RAINFALL AT *Carls Colne Chalkney House*

Lat. _____

Lon. _____

County of *Essex*

Rain Gauge, by _____

Observer *H. F. Hills Esq*

Colne + c - 5.

Diameter	5										
Height	10										
Altitude	180T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	1.92	1.66	1.11	1.63	1.91	1.96	1.12	2.28	.82	2.05	1.646
February	1.24	.06	1.16	3.42	.99	.24	.87	2.37	.82	1.56	1.248
March	2.50	1.53	1.23	.35	.90	1.43	2.73	2.00	1.66	1.05	1.528
April .....	.86	.84	2.06	.13	.77	1.27	.96	1.29	1.03	2.25	1.119
May	2.00	2.08	1.27	.72	1.52	.79	.18	1.12	3.40	1.78	1.486
June	2.12	1.45	5.31	.50	1.67	.26	2.14	2.62	2.45	1.19	1.971
July	3.76	4.90	1.42	2.41	4.27	3.38	.51	.75	.90	3.22	2.552
August	3.28	3.26	3.21	1.28	1.60	2.31	4.73	1.71	1.11	.38	2.289
September....	.76	.67	2.72	1.05	1.17	1.14	5.73	2.88	.22	2.70	1.904
October	1.14	3.80	5.55	2.56	2.67	1.78	2.18	.55	1.64	2.39	2.429
November....	2.50	1.69	1.99	2.32	3.13	2.18	.91	1.10	2.62	3.45	2.189
December ....	.48	3.18	1.43	2.00	1.68	2.70	3.05	1.53	3.19	1.74	2.098
TOTALS	22.56	25.12	28.49	18.37	22.28	19.44	25.11	20.20	19.86	23.79	22.522

RAINFALL AT Earle Colne Chalkney House

Lat. Lon. County of Essex

Rain Gauge, by Observer H. F. Hills Esq

Colne + c - 5.

Diameter ..	5											
Height	10											
Altitude ..	180 ft	168					188					
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.	
January ..	3.01	.54	.68	1.79	2.35	.93	3.32	1.03	.81	.82	1.528	✓
February ..	3.29	.89	1.15	.42	2.92	.93	2.32	.99	1.79	1.22	1.592	✓
March ....	.92	2.10	1.45	1.62	2.00	2.19	1.62	1.02	1.77	2.35	1.704	✓
April .....	.82	2.23	.88	1.46	.73	1.88	.78	3.02	2.78	2.00	1.658	✓
May .....	.86	1.17	2.49	3.85	1.19	1.03	1.33	1.53	1.34	.97	1.576	✓
June	2.16	1.79	3.71	4.33	1.03	3.21	1.95	1.52	.85	4.43	2.498	✓
July	1.05	1.28	1.54	5.28	2.93	.37	.19	1.71	3.25	3.34	2.094	✓
August	2.43	.92	3.45	3.94	1.35	1.55	.38	2.42	2.38	2.94	2.176	✓
September..	.75	1.08	1.28	2.29	.89	.95	1.36	.49	.65	1.76	1.150	✓
October....	1.70	2.08	1.46	5.57	1.01	1.13	4.69	3.04	1.25	4.08	2.601	✓
November..	2.15	.81	1.83	2.25	1.40	2.02	4.26	2.18	1.13	.97	1.900	✓
December..	2.59	3.73	1.40	1.51	2.03	.99	2.67	2.61	2.15	3.89	2.357	✓
TOTALS ..	21.73	18.62	21.32	34.31	19.83	17.18	24.87	21.56	20.15	28.77	22.834	✓

1905 Earle Colne Church 1 mile W
Colne Station
Nothing near

Hills

RAINFALL at Earls Colne Chalkney HouseCounty of Essex Observer H. F. Hills EsqRiver Basin Colne + C 5

Rain Gauge, by _____

Diameter ...	5										
Height	10										
Altitude ...	188 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.36	1.44	2.68	3.36	1.74	2.87	1.14	1.69	3.26	2.43	
February ...	2.37	1.14	1.24	.56	2.01	2.90	3.90	.60	.55	3.65	
March .....	.92	1.88	2.94	1.60	4.52	1.69	4.15	1.85	1.33	2.44	
April	1.29	.93	.29	1.73	.64	.75	1.33	1.47	2.52	3.50	
May	2.66	1.24	.78	1.87	1.48	2.36	2.01	1.76	1.61	.24	
June	1.13	2.13	1.66	.99	1.41	1.31	3.21	.98	.65	1.52	
July	1.62	.37	1.45	2.17	1.49	3.88	1.22	3.02	4.67	2.77	
August	2.61	.80	5.14	.51	.69	2.55	6.08	3.34	.84	2.18	
September ..	1.01	1.52	2.50	.78	1.11	1.67	1.27	1.26	3.71	.61	
October ...	1.16	2.96	1.31	4.18	1.64	1.50	3.01	3.54	2.10	.85	
November ..	3.41	3.87	1.82	2.57	2.75	2.71	4.71	1.56	2.34	1.91	
December ...	4.01	4.07	2.28	.58	6.12	4.75	3.26	1.73	2.55	3.45	
TOTALS ...	23.55	22.35	24.09	20.90	25.60	28.94	35.29	22.80	26.14	25.53	25.21

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Whitefolm	adjoining	60 yds	White Colne	1 m	N

RAINFALL at Carls Cove Chalkney HouseCounty of EssexObserver H. F. Hills by died 24.3.30.River Basin Cole & C 5

1 Old (1872) gauge Rain Gauge, by
 sent by D. Hills. found broken off short. 6" x 5" x 5"
 outer can good & bottle inches measure broken - flat bottom

Diameter ...	5										
Height	1 0										
Altitude ...	188				* 180						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	1.79	2.46	3.20	.93	2.49	1.33	2.36	1.64	2.50	1.24	
February ...	.46	.20	1.76	3.20	.62	1.97	2.01	3.44	1.12	.22	
March	1.06	.75	1.38	1.35	.66	.67	.16	2.00	1.89	.02	
April	3.61	1.50	2.28	1.10	2.38	1.65	3.90	1.96	.75	1.85	
May .....	.61	1.09	1.55	.88	3.85	2.14	1.16	.56	1.85	.96	
June .....	.95	.06	1.02	.49	2.15	.28	2.14	3.06	2.22	.91	
July	4.68	.20	3.74	1.33	4.14	2.45	2.55	3.00	2.19	1.98	
August	2.25	.80	1.25	1.30	2.19	2.61	1.20	2.87	2.26	.95	
September...	3.88	2.38	2.25	1.67	2.48	2.35	1.39	3.54	.66	.80	
October .....	.81	1.46	1.34	4.36	4.20	3.00	2.59	2.41	2.54	3.25	
November...	.59	1.53	1.32	3.00	3.49	1.52	3.28	2.89	2.00	4.27	
December...	2.56	1.27	1.67	2.53	2.48	1.42	.41	2.00	3.43	3.71	
TOTALS...	23.25	13.72	22.76	22.14	31.13	21.39	23.15	29.37	23.41	20.16	*

* Inspected 12.5.25. Cuscomb. G. on turf bank slightly sloping to sea; lies
 30 ft high 20-30 yrs old almost except top. Exposure normal.
 new measure advised.

 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
			White Cove	100 yds.		White Cove	1 1/2	N