

RAINFALL AT Havering Grange
 Lat. _____ Lon. _____ County of Essex
 Rain Gauge, by _____ Observer C. P. Hope Esq

Reading - 2.

Diameter	5									
Height	10									
Altitude	255 ft									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899 MEANS.
January										
	2.00	.83	2.44	.87	2.41					
February										
	.22	.53	2.36	1.28	1.88					
March										
	1.18	2.99	3.29	1.40	.73					
April.....										
	1.18	.73	1.43	1.73	2.61					
May										
	.29	.25	1.16	2.41	1.51					
June										
	.36	4.12	2.07	1.43	1.35					
July										
	3.22	1.38	.86	.75	1.33					
August										
	1.54	2.48	2.26	.89	.63					
September....										
	1.18	4.22	3.00	.32	2.81					
October.....										
	2.27	3.30	.56	2.70	2.34					
November....										
	3.15	1.40	1.41	1.95	3.83					
December										
	2.54	3.40	2.42	2.63	1.48					
TOTALS										
	19.13	25.63	23.26	18.36	22.91					

Havering Church 1/2 mile N.W.
 Tree 80ft high 120ft W by N

RAINFALL AT Haverning Grange

Lat. Lon. County of Essex

Rain Gauge, by N & J

Observer G. P. Hope Esq.

Roding &c - 2.

Diameter ..	5										
Height ..	10										
Altitude ..	255 T										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M.EAN.
January ..	2.69	.60	.98	2.09	2.24	1.34	3.87	1.16	1.18	.96	1.711
February ..	3.53	1.35	1.43	.88	3.10	.89	2.17	1.24	1.67	.95	1.721
March ..	1.04	2.35	1.64	1.86	1.92	3.51	1.38	1.02	2.07	2.82	1.961
April ..	.89	1.77	.59	2.10	.87	2.21	.77	3.77	2.86	1.65	1.748
May ..	1.30	1.63	3.55	2.68	2.13	.79	2.03	1.96	1.31	1.29	1.867
June ..	3.24	.91	3.01	6.25	1.01	3.21	2.21	1.40	.98	3.14	2.431
July ..	1.70	2.70	1.42	4.67	2.57	3.33	1.43	2.02	4.49	3.89	2.822
August ..	3.17	1.75	4.04	3.85	1.78	2.64	1.41	1.95	2.67	2.10	2.536
September ..	.88	1.39	.80	2.38	1.32	2.45	1.96	.67	1.53	2.25	1.558
October ..	2.03	2.74	1.76	5.75	1.69	1.34	3.67	3.06	1.89	5.19	2.912
November ..	2.27	.61	1.50	2.46	1.86	2.70	4.32	2.15	1.03	1.11	2.001
December ..	2.63	3.05	1.53	1.57	1.99	.96	2.85	3.23	2.07	3.04	2.292
TOTALS ..	25.37	20.85	22.25	35.49	22.48	25.87	28.07	23.63	23.70	28.39	25.560

0 0 0 0 0 0 0 0 0 0 0 0

1900 Haverning Church 3/4 mile NNE

Free 80ft High 105-120 ft NW

1903 Romford Station 3 miles S

1906 Jan 1st Gauge moved 100 yards W

thd

RAINFALL at Hawering Grange

County of Essex

Observer

G. P. Hope Esq

River Basin Thames, Rodway &c 2

Snrds Rain Gauge, by N+3

Diameter ...	5										
Height	10										
Altitude ...	255 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.55	1.51	2.98	3.15	.74	3.94	1.19	1.82	2.79	3.12	
February ...	2.56	1.49	1.64	.78	2.30	2.54	4.21	.81	1.12	2.68	
March82	1.82	2.76	1.92	4.40	.89	4.33	1.88	1.13	3.00	
April	1.28	1.35	.13	2.67	.97	.98	1.65	1.92	3.10	3.20	
May	1.98	1.01	1.09	1.95	1.68	2.24	1.71	2.82	2.05	.41	
June	2.74	2.18	3.19	.48	1.13	1.94	2.22	1.33	2.01	1.56	
July	2.25	.63	1.83	2.35	1.99	4.93	1.32	4.72	5.98	2.40	
August	2.30	.87	4.41	1.31	1.31	3.52	4.12	5.23	1.24	1.97	
September ..	.85	1.31	2.00	1.31	.90	2.05	1.07	1.05	3.97	1.23	
October ...	1.69	2.58	1.97	3.86	1.08	1.66	2.79	3.02	1.67	.93	
November ...	3.50	3.64	1.58	2.73	2.34	3.19	4.39	1.58	2.12	1.80	
December ...	2.70	3.48	3.01	.81	6.71	5.15	2.71	1.40	2.53	3.62	
TOTALS ...	24.22	21.87	26.59	23.32	25.55	33.03	31.71	27.58	29.71	25.92	
	▷	▷	▷	▷	▷	▷	▷	▷	▷	▷	

1910 Open N+S position E + W 40 yds distant
 1914 Tree 40 ft high 40 m SSW WNW

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Harrow	3 m	S	Harrow	1/2 mi	N

RAINFALL at Havering Grange

County of Essex Observer G. C. Hope-Lay

River Basin Thamee flowing + 2

Sunder Rain Gauge, by hoy

average of 24.9 ins computed by Mr Corlett (11/38) ref # 261245/36

Diameter ...	5									MEANS.
Height	1	0								
Altitude ...	255									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January ...	2.00	2.34								
February54	.59								
March	1.43	.99								
April.....	3.67	1.69								
May	1.19	2.09								
June	1.45	.35								
July	3.34	.19								
August	2.13	.93								
September...	3.41	2.23								
October.....	1.05	.60								
November...	.67	1.77								
December...	2.74	1.14								
TOTALS...	33.62	14.91								

To Torquay, Devon

1920. Ltrs. 30 ft. 50 f. Lie 40 yds. E. of

Elms. 100 ft. , 90 > E

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
1920.			Ronford	3 mi	S. Havering