

RAINFALL AT Ramsey Marsh [Waltham Abbey]

Lat. Lon. County of Middlesex

Rain Gauge, by I. James, Esq. Observer W. B. Dymon Esq. C.E.
W. Blackburn Esq. C.E.

Diameter ..			5								Metropolitan Water Board
Height ...			1.6								
Altitude ..			60 ^{ft}								
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..			.72	1.67	2.10	1.32	3.56	.72	1.56	.79	
February ..			1.13	.80	2.60	.96	2.04	1.11	1.52	.60	
March			1.39	2.16	1.48	2.72	1.13	.78	2.83	3.30	
April .....			.46	1.45	.69	1.81	.49	2.59	2.89	2.09	
May			2.56	2.18	1.73	1.46	1.21	1.56	1.83	1.45	
June			3.28	5.84	.88	3.19	2.62	1.27	1.40	3.71	
July			1.40	5.32	2.46	1.38	1.29	2.00	4.34	3.51	
August			4.70	4.41	1.78	2.51	.52	1.71	3.41	2.02	
September ..			.59	2.77	1.09	1.86	1.42	.71	2.23	2.62	
October ....			.93	5.62	1.42	1.42	3.49	2.69	1.90	4.62	
November ..			1.50	1.85	1.48	2.64	3.86	2.53	.66	.92	
December ..			1.21	1.43	1.58	.75	2.68	3.86	2.28	3.13	
TOTALS ..			19.87	35.50	19.29	22.02	24.31	21.53	26.85	28.76	

+ Inspected

RAINFALL at Hamsey Marsh (Waltham Abbey?)County of Middlesex EssexObserver Met. Water Board *pm. 10.00*River Basin Thames Lea 1A

Glaisher Rain Gauge, by

Funnel { ⁷⁹⁹
798
799
798glass correct x11.13
expt. .01 = .013

Diameter ...	8										
Height	1.6										
Altitude ...	60 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.80	1.28	3.63	3.10	.61	3.20	1.39	1.20	2.51	3.33	
February ...	2.76	1.78	1.74	.80	2.16	2.84	3.21	.58	.98	2.79	
March .....	.96	2.08	3.27	1.57	4.02	.89	3.88	1.42	.86	2.83	
April	2.15	1.39	.08	2.86	.66	.85	1.18	2.06	3.70	2.90	
May	2.26	1.51	1.16	1.58	1.57	2.63	1.90	2.43	2.01	.23	
June	3.67	3.20	2.93	.50	1.49	1.03	2.29	1.17	.69	1.42	
July	2.29	1.80	1.56	1.99	1.46	4.44	2.02	4.45	4.10	2.25	
August	2.71	.81	5.43	1.67	1.12	2.47	5.30	3.68	1.58	2.33	
September ..	.89	1.67	2.78	1.48	1.02	1.86	1.50	1.52	4.79	1.05	
October ...	1.96	3.25	2.23	4.18	1.11	1.68	3.23	3.68	1.03	.41	
November ..	3.75	3.68	2.35	2.98	2.78	2.14	4.07	1.46	2.23	1.79	
December ...	3.65	5.05	2.62	.79	6.23	4.56	2.75	.91	1.97	3.21	
TOTALS ...	28.85	27.60	29.78	23.50	24.23	28.59	32.72	24.56	26.40	24.54	
	0		7			2	2	3	2	3	

TOTALS
18-19
8.43
7.56
8.77
9.84
6.57
5.57
12.82
12.84
8.86
8.35
9.55
8.84
18.22
7.00

+ Inspected es. 3.11.13. Delapidated Glaisher, collar completely dropped & pipe broken off. Good open place level ground. Shaft 130ft high about 50ft NE. Near Glaisher erected alongside 3.X.11.13.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	51.3944	0.033	Enfield Glb					

RAINFALL at Waltham Abbey RaineymarshCounty of EssexObserver Mr. W. B. BondRiver Basin EssexEastern District3.00
3.00
3.00
7.99Gauge Rain Gauge, bynewly new copper gaugeGlass .01 error above .30 reads too low - new glass required

Diameter ...	8											
Height	1	0										
Altitude ...	60											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	Totals
January ...	2.50	2.11	2.69	1.18	2.51	1.83	2.74	1.52	3.15	1.39	2.16	23.78
February ...	.38	.32	1.92	3.01	.64	3.00	2.70	3.28	1.55	.44	.81	18.05
March	1.40	1.02	1.59	2.02	1.37	.61	.35	2.37	1.73	.00	1.54	14.00
April	3.55	1.43	2.62	1.39	3.30	2.05	2.92	1.79	.84	1.31	1.95	23.15
May	1.52	.94	.75	1.73	3.26	1.75	1.43	1.09	2.06	1.51	2.74	18.76
June	1.56	.33	1.30	.74	2.78	.11	3.24	2.68	2.29	.85	1.71	17.59
July	4.52	.21	3.03	2.30	4.10	3.23	2.37	2.77	1.65	1.66	1.96	27.80
August	1.48	1.68	2.19	1.73	2.64	2.27	2.13	4.15	1.79	1.36	2.23	23.65
September...	2.76	2.51	2.03	1.41	2.85	2.63	1.80	4.25	.62	.30	2.83	23.97
October	1.03	.75	.87	4.45	3.35	2.75	2.68	1.92	3.42	3.04	.98	22.23
November...	.89	1.89	1.44	1.89	2.37	1.38	4.19	2.25	2.29	5.33	3.73	27.65
December...	2.28	1.24	2.60	2.02	2.89	2.21	.30	2.89	2.50	4.55	2.34	25.82
TOTALS...	23.86	14.43	23.03	23.87	32.06	23.80	26.85	30.96	23.89	21.74	24.98	269.47
	D	D	D	D	D	D	D	D	D	D	D	466

Inspected CS. 2. VI. 21 S. in good level + open site
 J. W. 6. XI. 23. The defective glass has been replaced (by CS. 4666 feet bottom)
 P. 28. X. 25. Waltham gauge sound. Excellent position.
 28 * 27 See green file

1930. Chimney 125' high 59' NE.
 Coal timber 6' " 48' N

Position of Station on reduced Ordnance Survey } No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
	51.59.44	0.032	Enfield T. Ry			Waltham Abbey	3 1/4 mi	NE.

RAINFALL at Waltham Abbey (Ramney Marsh)County of EssexObserver Met. Water BoardRiver Basin Thames-Lea-1.

Type of Gauge.....

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

" " 23.6 in. compiled by Mr. Cornish (1935) Ref. 561265/36 883894/28

Diameter	8.	5										
Height	1.0.											
Altitude	60.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals.	Means
January	1.41	1.63	1.57	1.49	1.13	3.80	3.58	2.55	5.35	1.90	24.41	
February	2.03	.14	1.13	.17	2.35	1.51	3.87	.60	.80	1.36	13.96	
March	.07	1.37	2.23	2.01	.47	1.04	2.50	.34	1.32	2.91	14.26	
April	3.23	2.16	.86	1.91	3.25	1.24	2.63	.16	2.18	1.36	20.18	
May	2.64	2.56	2.02	.46	1.46	.91	2.65	1.84	1.39	2.35	18.28	
June	1.26	.68	2.24	1.21	2.53	4.14	1.74	.33	1.39	.40	16.22	
July	2.44	1.69	.77	.90	.48	2.45	2.67	1.32	1.81	2.69	17.22	
August	3.97	1.32	.39	2.12	1.37	.32	1.94	1.36	3.00	.06	16.05	
September	2.35	1.80	2.80	1.25	3.21	2.62	1.31	3.15	1.94	.84	21.27	
October	.52	4.58	1.19	1.05	2.93	1.76	2.09	2.65	5.36	2.82	25.95	
November	2.14	1.25	1.03	1.83	3.51	3.11	1.37	3.30	4.10	6.30	27.94	
December	.63	.48	.36	4.55	2.66	1.54	3.21	3.20	.91	1.12	18.70	
TOTALS	22.79	19.66	16.79	18.95	25.74	24.44	29.61	20.80	30.55	24.11	233.44	19.2

1932 may be too big

1931. Chimney 125' high 59' NE

Coal Bay 6' " 43' N

+ Inspected 10/2/38 by Mr. Benwell. Site unchanged.

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 Direction from gauge	Parish Church.	Distance Direction from gauge
1931					Waltham Abbey	3/4 mile NE

Station No. 1236

RAINFALL at Waltham Abbey (Ramsey Marsh)

41

County of EssexObserver Met Water BoardRiver Basin Thames-Lea-1

Type of Gauge.....

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

23.4 in. computed by Mr. Ginnish (1938) M. 561245/36 File No. 8838/73/28

Diameter	5"											
Height	1' 0"											
Altitude	60'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.01	2.07	4.29	1.47	1.78	1.72	1.74	3.77	1.08	1.13		Totals 21.06
February	2.30	.80	1.04	.91	1.36	2.74	2.10	1.29	.99	3.38		16.91
March	3.26	1.99	.33	.11	.66	1.21	5.29	.66	.80	.68		14.99
April	1.46	1.21	1.02	1.37	1.14	1.46	1.53	1.70	1.18	1.46		13.53
May	1.86	2.66	1.72	.70	2.46	2.20	.76	2.00	1.86	1.33		17.55
June	1.01	.15	1.42	1.83	1.73	2.50	2.54	2.13	.52	1.46		15.29
July	4.41	1.68	1.41	2.10	3.23	3.32	2.27	.62	1.47	3.24		23.75
August	4.21	1.51	1.13	3.47	1.11	3.74	.06	2.86	1.65	1.82		21.56
September	.70	1.07	1.79	2.65	1.68	3.45	1.34	1.45	.24	2.33		16.70
October	.66	4.11	2.25	3.04	2.58	1.43	.18	2.43	4.92	.28		21.83
November	2.11	2.22	1.52	3.48	.26	3.76	.72	2.14	2.29	4.57		23.07
December	1.62	2.27	1.50	1.16	3.23	1.92	2.13	2.25	1.27	1.49		18.84
TOTALS	25.61 D	21.74 D	19.42 D	22.29 D	21.22 D	29.45 D	20.61 D	23.30 D	18.27 D	23.17 D		225.08 1948

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

BRITISH RAINFALL ORGANIZATION

