

RAINFALL at Grays Stanley RoadCounty of EssexObserver Arthur James Esq. C.E.River Basin Thames. Rodnig & C 2Howard's Rain Gauge, by Stanley Rd.

Diameter ...			5								
Height			3 3								
Altitude ...	-		20		21						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...				2.67	.63	3.73	.97	1.47	3.30	3.18	
February ...				.69	2.09	2.90	4.54	1.25	.91	2.50	
March,				2.25	4.07	.94	4.48	1.93	1.16	3.24	
April				2.21	.64	1.26	1.33	2.08	2.79	3.56	
May				1.12	1.31	3.25	1.68	2.46	1.89	.22	
June .....				.28	.94	.58	1.40	1.33	.82	1.45	
July			1.04	2.15	.79	2.46	2.03	6.59	6.03	2.23	
August			3.16	1.68	1.05	2.22	3.71	4.35	1.71	2.32	
September ..			2.59	1.82	.68	2.05	1.18	1.51	4.46	.91	
October ...			2.14	3.90	1.67	1.98	2.53	2.75	1.85	.85	
November ..			1.93	2.66	2.74	2.95	4.86	1.47	2.11	1.81	
December ...			2.04	.90	5.65	4.92	2.65	1.99	1.75	3.30	
TOTALS ...				22.33	22.26	29.24	31.36	29.18	28.78	25.57	

1912 Building 15 ft high 75 ft W

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	51° 38' 42"	0° 19' 45" E	Grays	600 yds	SW	Grays	600 yds	SW

RAINFALL at Grays, Stanley RoadCounty of EssexObserver Arthur C. James Esq. B.River Basin Sharnbrook & Co.Herbert S. Goodall, L.E., 1923.Howard Rain Gauge, by Stanley & Co.Engineer & Surveyor (V.P.C. Grays).

Diameter ...	5										
Height	3.3										
Altitude ...	20.50										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN 1930
January ...	2.45	1.64	2.74	1.35	2.72	1.52	1.56	1.63	2.16	.89	1.79
February ...	.52	.33	1.61	2.85	.40	2.88	2.93	3.52	.97	.29	.66
March .....	.88	1.13	1.45	2.15	.65	.81	.14	1.97	1.72	.01	1.38
April	2.89	1.43	2.73	1.74	3.06	1.74	4.87	1.57	1.61	1.36	1.52
May .....	.84	1.06	.85	1.85	2.98	2.29	.82	1.33	2.34	.91	4.22
June	2.15	.24	1.11	1.09	2.98	.23	3.01	1.94	2.21	.69	.61
July	3.77	.09	2.37	.83	2.85	3.54	1.89	2.96	1.25	1.73	1.92
August	1.44	2.05	1.74	2.41	2.77	2.96	2.08	3.02	2.66	1.83	2.60
September...	4.54	1.64	2.38	1.28	3.14	1.99	.86	3.83	.45	.15	2.81
October	1.31	1.00	1.61	4.90	2.99	2.78	2.62	1.04	2.80	2.29	.90
November...	.67	2.07	1.28	2.21	4.00	1.76	4.27	2.23	1.30	4.78	3.76
December...	2.38	1.44	2.90	2.17	2.63	2.70	.97	2.86	3.33	3.74	1.49
TOTALS...	23.64	14.12	22.77	24.83	31.17	25.20	26.02	27.90	22.80	18.67	23.66

1920 Building 13' ft. L.E. 70 ft. to W.

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	51° 28' 42"	0° 19' 45"	Grays	500 yds.	SE	Grays	600 yds.	SE

RAINFALL at Grays (Stanley Road)County of EssexObserver Grays V.D.C.River Basin Thames-Roding etc. 2.G.F. Andriano, Esq., C.E. (1937)Type of Gauge GlaisherAnnual Average in. based on years obs. un-weighted. Period of average Ref.
" 21.7 in. compiled by Mr. Cornish (1938) Ref 50245/36 816677/28 817056/29

Diameter	5.											
Height	3.3.											
Altitude	21.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.17	.96	.99	1.18	1.15	3.43	3.38	2.04	3.66	2.15	2.01	
February	1.70	.21	.99	.29	2.27	1.27	3.38	.57	1.03	1.34	1.31	
March	.27	.97	1.29	1.99	.36	.88	2.77	.43	1.42	2.95	1.33	
April	3.87	1.21	.68	1.99	3.04	1.77	2.42	.51	2.07	1.76	1.93	
May	3.12	3.25	1.88	.54	1.16	.35	2.67	1.56	1.41	1.52	1.79	
June	1.16	.75	1.42	1.24	2.28	3.26	2.87	.31	1.13	.32	1.47	
July	2.13	1.02	1.64	1.01	.70	2.46	.81	.89	1.31	1.13	1.61	
August	3.00	1.36	.50	1.40	2.04	.52	.59	1.97	2.75	.15	1.42	
September	1.56	1.28	2.75	.89	2.37	2.34	1.27	3.13	.82	.89	1.73	
October	.49	4.68	.99	1.22	1.96	1.39	1.54	2.19	6.94	1.91	2.33	
November	1.66	.63	.66	1.63	4.21	2.96	1.86	1.67	3.35	5.21	2.38	
December	.54	.22	.54	3.28	1.91	1.30	3.46	2.20	.90	1.01	1.58	
TOTALS	29.67	16.57	14.33	16.64	23.45	22.03	27.52	17.47	28.29	23.34	20.92	KM.

1931 Building 14' high 36' W
 1937 Station now under control of Thames. V.D.C.
 10 ft. high 20 yds. N.

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			Grays	500 yds SW	Grays	600 yds SW

Station No. 124RAINFALL at Grays (Stables Road)

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County of EssexObserver C. F. Andriyevsky Esq. C.E.River Basin Thames - Roehampton - 2Type of Gauge Glaisher

C. S. H. Haines Esq. A.M.C.E.

Annual Average 31.7 in. based on 31.7 years obs. un-weighted. Period of average RefFile No. 816677/28

Diameter	5			237	015						
Height	3' 3"						4' 0"	1' 0"			
Altitude	21'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.20	1.69	3.78	1.04	1.38	.81	1.24	2.05			
February	1.06	.63	1.00	.82	.83	1.51	.94	.90	.58		
March	2.08	1.90	.30	.08	1.35	1.16	3.42	.48	.71		
April	1.72	.70	.90	1.39	.98	1.28	1.00	1.20			
May	1.10	2.16	1.56	.25	2.15	2.55	.60	1.64			
June	1.06	.25	1.12	1.26	1.17	1.83	1.22				
July	1.79	1.76	1.53	2.32	2.51	1.59	2.86				
August	3.33	1.57	.75	3.25	1.06	3.00	.24				
September	.53	1.84	1.61	2.36	.72	1.76	1.17				
October	.84	2.89	1.65	2.51	1.61	1.01	.08				
November	2.13	1.66	1.21	3.08	.19	2.56	.85				
December	1.16	1.79	1.38	1.18	1.76	1.53	1.99				
TOTALS	19.00 d	18.84 d	16.79 d	19.54 d	15.71 d	20.59 d	15.61 d	inc d	inc d		

1944 mess room 10' high 20 yds N.

1945 n.p. low

1946 n.p. low

Gauge in the room 10' high 20 yds N.

1947 n.p. low

1948 G. inside above 1 mi. N. in April; now the 12.47/4; no January recordings.

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

Reference No. 10613782

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941 1943			Grays Stays	1/2 mi.	S.W. S	Grays	1/2 mi.	S.W. S

BRITISH RAINFALL ORGANIZATION

(4185-90) W1. 47525-4471 12,000 2/40 T.S. 700

Record	1910-19	1920-30	1931-40	1941-50
D & d	✓	✓	✓	✓
	✓	✓	✓	✓