

RAINFALL AT Dover Martin mill

Lat. Lon. County of E Kent
Sunderland Rain Gauge, by H. L. B. Observer East Kent District Water Co
2 - Broad St. 72 Ball Eq

Diameter ..								5			
Height								" 0			
Altitude ..								285	298		
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..									1.00	.53	
February ..									1.01	.70	
March									1.97	2.72	
April									1.63	1.53	
May									1.21	.77	
June									2.13	2.64	
July									2.58	2.24	
August									2.21	2.46	
September ..									2.10	2.27	
October									1.28	7.42	
November ..									1.05	.53	
December ..								# 2.37	2.02	4.64	
TOTALS ..									20.19	28.45	

1909 East London Ch $\frac{3}{4}$ mile SSW
Martin Mill Station $\frac{1}{2}$. SSE

RAINFALL at Down Martin Mill P.S.

East Kent Br. W. Co.

County of KentObserver F. L. BallL. Holman EsqRiver Basin Stour + C 2Smarden Rain Gauge, by J. J. Hicks

Diameter ...	5												
Height	11.0												
Altitude ...	298 ft												
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEAN.	Sum	
January ...	2.56	1.74	3.13	3.17	1.16	2.98	.99	2.47	2.87	3.88	2462	9.88	
February ...	2.00	.84	1.66	.86	1.83	2.49	2.82	.40	.78	2.61	1629	6.61	
March	1.37	2.53	3.29	1.84	5.02	.89	4.46	1.47	1.27	3.59	2573	10.79	
April	1.76	1.03	.07	2.34	1.55	1.57	1.55	1.43	1.23	2.38	1491	6.59	
May	3.34	.76	.40	1.25	.62	2.08	1.65	.90	2.61	.19	1480	5.35	
June	2.50	2.46	2.94	.44	2.08	.56	3.50	1.89	.71	.78	1785	6.88	
July	2.03	.69	1.67	1.70	2.70	2.90	1.57	3.41	3.09	2.69	2185	10.76	
August	2.48	.69	5.21	1.27	.69	1.56	2.88	6.10	.77	1.36	2301	11.11	
September ..	.68	1.65	3.00	2.49	.99	3.51	1.07	.72	5.16	1.34	2058	8.26	
October ...	3.20	6.11	2.89	3.45	3.63	3.01	4.45	3.00	2.30	1.08	3312	10.83	
November ..	5.94	3.82	1.86	3.16	2.78	4.17	4.24	1.81	2.49	4.51	3478	13.05	
December ...	3.39	3.49	2.44	2.06	7.26	6.53	3.25	2.36	1.89	2.47	3517	10.00	
TOTALS ...	31.25	25.21	28.56	24.03	30.31	33.24	32.46	25.96	25.17	26.52	28271	110.11	
	2		2				3	2	2	2	2		

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
910			Martin Mill	1/2 m	SE	Elaydon	3/4 mile	S.W.

RAINFALL at Dover Martin Mill P.S.

County of Kent

Observer F.L. Ball Esq.

River Basin Stour & C. 2

East Kent Water Coy.

Inscribed Rain Gauge, by J.G. Hicks

Diameter ...	5"												
Height	11.0					11.0	1.0						
Altitude ...	296						287						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mean	Mean	
28.13 January ...	2.21	2.02	2.39	1.23	1.92	2.42	3.63	2.41	5.10	1.50	3.30	2.56	
21.16 February ...	.61	.57	1.43	2.97	.84	3.83	2.73	4.62	1.38	.97	1.91	1.92	
16.69 March .....	.85	.84	1.61	1.17	1.25	1.69	.62	3.22	2.47	.26	2.39	1.52	
23.22 April	2.04	.95	2.93	1.38	2.26	2.73	3.30	1.94	3.03	.88	1.73	2.11	
21.64 May	1.81	.84	.24	3.79	2.96	2.52	1.58	.75	2.81	1.54	3.10	1.97	
18.99 June .....	.84	.18	2.35	.57	1.73	.89	3.96	3.53	2.04	1.62	1.25	1.72	
25.33 July	2.37	.16	1.88	.71	3.42	2.97	1.63	6.80	.94	1.24	3.21	2.30	
28.46 August	2.18	3.71	2.13	.95	2.08	1.85	2.63	4.60	2.10	2.44	3.79	2.57	
24.63 September...	2.35	.78	4.56	1.52	3.53	1.86	.61	3.43	1.49	.64	3.86	2.24	
37.41 October	2.05	.23	2.41	5.25	3.78	3.44	5.98	2.21	6.21	4.83	1.32	3.40	
44.90 November...	1.03	1.60	1.38	2.05	2.61	4.55	7.20	3.30	4.44	7.24	6.17	4.08	
40.47 December...	3.24	1.63	2.64	2.33	2.82	4.74	.87	5.36	5.23	7.87	3.74	3.68	
331.03 TOTALS...	21.58	13.51	25.95	23.92	29.20	32.79	34.74	42.17	40.62	30.73	35.82	30.09	
	D	D	D	D	D	D	D	D	D	D	D	D	

Note from letter 3.4.25 (f. 565803/25). - Gauge is on top of reservoir. Sheltered on south and southwest by buildings. Has been in this position since it was installed some 20 years ago. Values too low by 5%.

1925. Pumping Station 25 ft high 30 yds N. Position of new gauge (located to E.R.D. W.C. in April).
Gauge moved April 20th 50 yds S.E.

1925. N.P. 1926 Gauge moved to new site, i.e. that occupied by N.O. Gauge sent a loan for comparison in 1925.

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	Parish Church.	Distance from gauge	Direction from gauge
1920			Martin Mill	1/2 mi	S.E.	E. Laydon	3/4 mi	S.W.

RAINFALL at Dover (Martin Mill Pump Stat.)County of KentObserver F. L. Parker Esq.River Basin Stour & C 2W. A. Parker Esq. (1931)

Type of Gauge.....

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

Ref.

666583/26

Diameter	5											
Height	10											
Altitude	237											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	TOTAL	Means
January	2.94	2.55	2.81	3.15	2.16	5.09	5.78	4.95	6.45	2.65	3855	
February	2.94	.59	1.88	.27	3.96	3.00	5.30	.97	1.20	2.20	2231	
March .....	.46	1.45	2.34	3.31	.14	.89	5.24	.60	2.09	2.89	1941	
April	2.38	3.03	.97	3.02	3.67	1.70	2.72	.84	3.38	1.00	2291	
May	2.35	1.51	1.24	1.19	2.09	.19	3.31	2.56	1.73	.16	1633	
June .....	.80	1.13	1.92	1.23	2.69	3.20	1.39	1.73	1.38	.46	1593	
July	3.11	4.52	1.70	1.13	.41	5.30	1.43	2.67	1.11	3.23	2527	
August	3.96	.62	.55	2.30	4.01	1.68	.97	2.38	2.21	.05	1879	
September	1.58	2.22	6.15	1.50	4.62	2.59	4.00	2.55	1.87	1.90	2898	
October .....	.92	4.11	1.72	2.24	4.95	2.43	3.29	4.02	13.63	4.00	4636	
November	4.40	1.18	2.55	2.40	6.45	5.60	1.52	4.34	6.73	7.59	4276	
December .....	.85	.82	.81	6.81	3.94	3.51	6.70	3.17	2.19	(1.90)	3070	
TOTALS	26.69	28.73	24.64	28.55	39.29	35.18	41.67	30.78	44.44	28.03	32828	km

1940 Dec. estd.

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
1931.			Martin Mill	1/2 m	S.E.	East Langdon	3 1/4 m	S.W.

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

Station No. 280.T.F.

RAINFALL at Dover (Martin Mill Pumping Station)

41

County of Kent Observer W. A. Parker Esq.

River Basin Stour & A.

Type of Gauge No. 120 Standard 1930

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

File No. 666583.26

Diameter	5"				304	74						
Height	1' 0"					1						
Altitude	287'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	TOTAL	Means
January	3.02	2.31	4.60	1.70	2.79	2.47	2.56	4.53	1.89	1.44	27.35	
February	2.32	1.96	1.86	1.34	2.29	3.61	1.81	1.05	1.34	4.70	22.28	
March	1.67	2.43	.41	.14	1.06	2.58	5.91	.76	.59	1.05	16.60	
April	.97	1.01	.73	1.77	1.26	1.61	1.77	1.57	1.90	1.87	14.52	
May	1.47	3.22	1.60	.71	1.63	2.57	.95	1.90	1.97	1.54	17.56	
June	.80	.22	1.30	1.23	.42	2.08	2.83	2.22	.39	.80	12.29	
July	5.47	2.92	1.64	2.85	2.06	2.75	1.81	2.53	.94	3.39	26.36	
August	4.04	2.02	1.45	1.81	3.57	6.85	.10	3.05	.81	2.55	26.25	
September	.20	2.75	1.69	3.30	1.15	2.18	1.83	2.54	3.07	2.36	21.07	
October	2.05	3.48	1.70	6.14	1.96	1.17	.47	1.61	7.11	.87	26.56	
November	3.21	2.69	2.76	5.33	1.80	5.54	1.68	2.56	4.29	7.10	37.62	
December	2.05	3.51	2.33	2.24	4.32	3.16	3.01	2.80	2.63	2.89	28.94	
TOTALS	27.27	28.58	22.07	23.22	24.31	36.57	24.73	27.12	26.93	30.60	277.40	

1949. Pumping Station 25' high 60 yds E. Reservoir 10' high 50 yds W.

277.40

216.83

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	Parish Church.	Distance from gauge.	Direction
1941			Martin Mill	1/2 mile	SE	E. Langdon	3/4 mile	SW.

BRITISH RAINFALL ORGANIZATION

Station No. 280 T.F. 1

RAINFALL at DOVER (MARTIN MILL PUMPING STN.) 51

County of KENT Observer W. A. PARKER, ESQ.

River Basin STOUR & C 2

Type of Gauge M.O. SNOWDON

Annual Average in, based on years obs. un-weighted. Period of average Ref.
" " 31.24 - " 31 " within 1926-57 " 1916-50
File No. 666583/26

Diameter ...	5"				304	174						
Height ...	1'0"					1			9"			
Altitude ...	287'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.73	3.36	1.30	1.89	4.42	5.85	2.52	5.49	3.33	4.66	36.54	928.116
February ...	6.35	1.96	2.45	3.10	2.56	2.50	5.32	3.15	.02	2.12	29.53	750.062
March ...	3.80	3.59	.14	3.83	2.04	.41	1.33	2.71	1.50	2.30	21.65	549.910
April ...	1.99	1.35	1.42	.19	.18	.65	.32	1.46	3.09	1.20	11.80	299.720
May ...	2.30	.98	1.98	2.89	4.51	.26	1.38	1.48	0.86	2.75	19.39	492.506
June ...	1.41	1.56	1.97	2.09	1.84	2.94	.38	3.97	.75	1.70	18.61	472.694
July ...	1.83	.65	2.74	3.51	.36	2.95	4.56	2.97	3.00	4.15	26.72	678.688
August ...	5.80	3.44	2.32	4.06	2.29	3.85	3.02	3.64	1.67	4.03	33.24	859.536
September ...	4.94	7.13	3.91	1.97	.75	3.20	3.56	2.59	.10	3.24	31.39	797.306
October ...	3.19	3.46	3.65	2.00	5.99	2.02	1.38	4.65	3.54	8.96	38.84	986.536
November ...	5.06	3.52	2.10	6.60	2.07	.72	4.79	2.31	6.85	7.77	41.79	1061.666
December ...	2.71	4.18	1.25	2.03	2.58	3.31	1.68	4.90	8.73	5.12	36.39	924.306
TOTALS ...	42.81	35.18	25.23	34.16	29.59	28.68	30.24	39.21	33.41	48.09	316.49	8800.846
	D	D	D	D	D	D	D	D	D	D	D	D

1951, P. 5m. 25' 50 yds E; Reservoir 10' 50 yds W;
 Sep II 1959 f. b. OK. B. fixed in concrete block. Satisfactory exposure. Gauge re-set in grass 2 1/4 ft

Position of Station on Ordnance One-Inch map: No. of Map 173 National Grid Reference TR(61)237478

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
			Mackin Hill	1/2 m S.E.	St Nicholas	1 m E

Summary of Earlier Records from 10-year Sheets:

1916-1950, P - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
Dec. 1907	✓	✓	✓	✓	
	✓	✓	✓ but d 36.40	✓	