

RAINFALL AT *Sevenoaks Seal St. Lawrence Pk*

Lat.

Lon.

County of *W Kent*

Coppinwood Rain Gauge, by *Hicks*

Observer *J. W. Heath Esq R.E.*

S. Darent.

Diameter ..								8			
Height								10			
Altitude ..								665			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..								1.16	1.71	.90	
February .								1.60	1.48	.72	
March								1.04	2.60	4.03	
April								3.00	3.02	1.87	
May								2.36	1.90	1.66	
June								2.43	1.35	2.90	
July								1.05	3.67	3.60	
August								2.36	4.16	2.47	
September..								.54	1.46	3.97	
October....								4.96	2.28	5.80	
November..								2.17	1.16	1.16	
December ..								2.65	2.85	4.21	
TOTALS ..								25.32	27.64	33.29	

1907 *St. Lawrence Chert Seal* 50 yards NE by N
Kensington S.E. & CR 130 chains N $\frac{1}{2}$ W
Church Town 60 ft high N.E. $\frac{1}{2}$ N 50 yards
Woods (gro) 75 " - over 25 yards in all directions
Gauge in middle of a semi-circular roof N St. Lawrence Ch Seal
& is read 1st of the month

RAINFALL at Lewards Seal St Lawrence ReservoirCounty of NorthObserver Mr F.W. Heath GlaisherRiver Basin James Dorend 5Glaisher (cs. 1. IV. 12)Rain Gauge, by Hicks

Diameter ...	8										
Height	10										
Altitude ...	665 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	TOTAL Means 1916-19
January ...	2.38	1.47	2.73	3.65	.76	3.55	1.58	1.40	3.14	4.23	10.35
February ...	3.70	1.67	2.36	.82	4.20	4.68	4.72	.84	1.41	2.37	9.34
March	1.35	2.70	4.38	2.93	5.18	.66	3.99	2.39	.97	3.98	11.33
April	1.80	2.33	.03	2.83	1.33	1.58	1.59	2.45	3.02	3.22	10.28
May	3.42	2.14	1.07	2.07	1.74	3.19	2.55	2.08	2.44	.12	7.19
June	2.52	2.17	2.86	.68	1.03	.68	3.23	3.07	.83	1.14	8.27
July	3.05	.80	1.35	2.44	1.27	3.68	1.18	4.85	5.63	2.43	14.09
August	2.53	.52	5.27	2.08	2.22	2.07	2.69	5.47	1.60	2.40	12.16
September ..	.90	1.62	3.39	1.63	1.04	2.95	1.04	2.40	5.51	1.14	10.09
October ...	2.37	4.39	3.65	4.49	1.99	2.53	4.09	5.32	2.05	.68	12.14
November ..	3.67	6.71	2.32	3.83	4.01	3.30	5.25	1.58	2.24	2.69	11.76
December ...	4.24	5.83	3.11	1.22	7.45	6.78	3.12	2.80	2.86	4.54	13.02
TOTALS ...	31.93	31.85	32.52	28.67	32.22	35.68	35.03	34.35	31.70	28.94	130.02

1910 Church Tower 60 ft high 50 yds NE 1/2 N
 (Work (Tie) + 75" 25" in all directions

+ Inspected es. 1. IV. 12 { Copper Glaisher, excellent condition. Top of covered Reservoir; bank sloping down
 es. 1. IV. 12 { 10-15 yds distant all round. Belt of tall trees 20-50 yds all round. One pin tree on N. rather
 close, but no better spot.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Kermis SE + CR	130 chains	N 1/2 W	St Lawrence	50 yds	NE 1/2 N

RAINFALL at Seah St. Lawrence ReservoirCounty of KentObserver A. Frainger Esq F.VallinRiver Basin Thames - Daren 5

(Sevenoaks Water Works Coy.)

Flasher Rain Gauge, by Hicks

Diameter ...	8												
Height	10												
Altitude ...	665												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mean		Mean
33.25 January ...	3.81	3.03	4.15	1.45	2.88	2.90	3.43	2.85	4.00	1.45	3.30	3.02	
25.41 February64	1.21	2.56	4.20	1.06	4.30	2.80	5.10	1.54	.52	1.45	2.37	
20.67 March	2.25	1.74	2.40	2.21	1.75	1.16	.49	4.35	2.21	.06	1.85	1.86	
28.64 April.....	3.80	1.47	3.60	2.30	3.70	3.00	4.52	1.92	1.70	(.90)	1.73	2.60	
23.53 May	1.50	1.76	1.57	3.00	3.52	2.25	1.36	1.25	2.44	1.90	2.65	2.14	
18.57 June	1.18	.07	1.35	.92	2.42	.32	3.12	4.43	3.05	1.02	.69	1.69	
31.38 July	4.70	.28	3.30	2.09	4.88	4.16	1.84	4.15	1.83	1.56	2.59	2.85	
28.70 August	1.73	1.06	3.48	2.16	3.28	2.00	1.35	5.20	2.92	(2.40)	3.12	2.61	
28.64 September...	3.96	1.06	3.14	2.23	3.57	2.76	1.38	5.12	.60	.22	4.50	2.60	
34.45 October.....	1.10	1.10	2.14	7.00	3.65	4.25	2.73	1.83	5.60	3.50	1.55	3.13	
38.80 November...	1.26	2.06	1.45	2.05	3.82	2.93	5.90	2.95	3.32	7.62	5.44	3.53	
38.02 December...	2.86	1.88	3.83	2.94	4.08	3.83	.87	4.50	4.00	(6.92)	2.31	3.46	
349.86 TOTALS...	28.79	16.72	33.27	32.55	38.61	33.86	29.79	43.65	33.27	28.17	31.18	31.80	

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			Remsing	130 chains	N & W	St. Lawrence	507 ds	N.E. by N.

RAINFALL at Seal (St. Lawrence Reservoir)County of Kent Observer F. Vallis, Esq.River Basin Thames - Darent &c 5 E. H. G. G. G. G.Type of Gauge M.O.

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

859492/28.

Diameter	8				5							
Height	10			16			13					
Altitude	665											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	TOTAL	Means
January	2.10	2.48	1.89	2.63	2.13	5.51	4.98	3.50	5.12	(2.13)	32.47	
February	2.20	.82	1.75	.24	4.12	1.90	5.10	1.20	1.57	1.50	20.70	
March	2.20	1.78	3.35	2.80	.38	1.27	4.58	.56	1.49	3.14	21.55	
April	4.65	2.42	.35	2.80	2.15	2.31	2.63	.34	2.17	1.71	21.53	
May	2.78	3.12	1.95	.80	1.80	.26	3.02	3.11	2.26	1.69	20.79	
June	1.30	.75	1.99	1.75	2.38	2.87	2.58	.58	1.21	.36	15.77	
July	3.20	2.45	3.78	2.55	.85	3.92	1.48	1.61	2.28	4.92	27.04	
August	4.72	.50	.85	2.35	2.34	1.02	1.88	1.69	1.94	.10	17.39	
September	2.54	2.00	3.68	1.74	5.62	2.30	2.88	2.63	1.56	1.31	26.26	
October	.80	6.78	2.30	2.45	4.31	2.38	2.11	4.34	7.38	3.09	35.94	
November	4.00	1.35	1.15	3.30	6.78	4.67	1.77	2.91	5.82	5.78	40.53	
December	.60	.60	.75	6.04	4.43	2.45	5.18	3.29	1.68	1.74	26.76	
TOTALS	31.09	25.05	23.79	29.45	37.29	30.86	38.19	25.76	34.48	30.77	306.73	

1936 Trees 25' high, 120' surrounding.

1939 " 20' " 100' N.

1940 Jan. estd.

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 from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1937			Kemsing	1 1/2 m	NNW	St. Lawrence	10 m	NE.

RAINFALL at Seal (St. Lawrence Reservoir) ^{w?}

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County of Kent Observer E. H. Evans Esq.

River Basin Thames, Darent &c.

Type of Gauge No. 0.

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

File No. 383+92/23

Diameter	8"				29	415					
Height	1' 3"					1					
Altitude	665'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	TOTAL Means
January	2.84	2.49	4.18	1.74	2.04	1.80	3.04	3.91	1.04	1.12	24.20
February	2.35	.88	2.54	1.35	1.86	3.38	1.99	2.36	1.28	5.00	22.99
March	3.06	2.77	.49	.06	1.34	1.37	6.23	.89	.91	1.33	18.45
April	2.05	1.52	1.31	1.76	1.38	3.20	1.82	1.53	1.67	2.94	19.18
May	2.43	3.69	3.33	.67	3.78	3.12	2.09	2.03	1.91	1.35	24.40
June	2.09	.28	1.93	1.30	1.24	2.18	1.95	4.34	1.20	2.06	18.57
July	2.51	2.13	2.11	1.64	3.96	2.07	1.70	1.65	.56	2.64	20.97
August	5.09	2.95	1.89	3.17	2.36	5.95	.28	4.61	1.62	2.31	30.23
September	.65	3.22	2.24	3.09	1.31	3.58	1.63	1.63	1.51	2.64	21.50
October	1.40	2.89	2.82	4.72	3.64	1.28	.35	2.04	.872	.39	28.25
November	3.41	2.05	1.30	4.74	.47	5.07	1.20	1.69	3.02	6.30	29.25
December	2.45	3.08	2.26	2.03	4.30	2.44	3.12	4.41	1.66	2.23	27.98
TOTALS	30.33	27.95	26.40	26.27	27.68	25.44	25.40	31.09	25.10	30.31	285.97

1941. Trace 20' high 100' N.

9415

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.
1941			Kensington	2 miles	N	St. Lawrence	100 yds	E

BRITISH RAINFALL ORGANIZATION

Station No. 385RAINFALL at SEAL (ST. LAWRENCE RESERVOIR)TF 34
51County of KENT Observer E. H. EVANS, Esq.River Basin THAMES DARENT & C. 5Type of Gauge M.O.

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

File No. 889492/28

Diameter ...	8"				290	415					
Height ...	1' 3"					1					
Altitude ...	665'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.96										
February ...	6.20										
March ...	3.82										
April ...	2.95										
May ...	2.22										
June ...	1.66										
July ...	2.80										
August ...	5.94										
September ...	3.66										
October ...	1.25										
November ...	5.01										
December ...	2.22										
TOTALS ...	40.69 #										

1951 General Notes, Volume 6 377/8.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference S-573553

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge		Parish Church.	Distance Direction from gauge.	
			<u>Kensington</u>	<u>2m</u>	<u>N</u>	<u>St. Lawrence</u>	<u>125'</u>	<u>E</u>

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
	✓	✓	✓	✓	