

RAINFALL AT Sevenoaks Kemsing Pumping St. (Surrey) Vol.

Lat. Lon. County of W. Kent

Coppishawdon Rain Gauge, by Hicks
5. Darent. Observer A. J. Bonner Esq. Ch.
J. W. Heath Esq. Atk.

Diameter ..							5				
Height							10				
Altitude ..							292				
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..							1.29	5.38 (1.20)	1.66	1.07	
February ..							1.25	2.46	2.17	1.69	.73
March							4.17	1.86	1.03	3.10	4.00
April.....							2.63	1.09	2.60	3.04	1.75
May							1.19	1.54	2.46	2.05	1.54
June							5.11	2.72	2.21	1.64	3.04
July86	1.37	3.41	3.96	
August							8.98	.73	2.08	4.72	2.38
September..								1.91	.75	1.33	3.74
October....								5.28	4.77	2.33	6.37
November..								4.45	6.02	2.18	1.09
December ..								.80	1.96	2.96	4.30
TOTALS ..							27.45	29.87	31.81 (25.68)	28.68	34.29

1904 to 5 rec? 29. vi. 07 Entd. 12 xi. 08

1906 Kemsing Church 88 Chars N.W.

Seal S.Marys " 100 " W.S.W. $\frac{1}{2}$ W

Kemsing Station 10 " N.W.

Buildings and trees 30 ft high 60 ft W

Trees up to 75 " 180 " SW $\frac{1}{2}$ W

Fangewood 14 May 10 yards E before commencing Building pump St

1907 Fang in an open field - the point of seal within 40 yards of a boundary
the stream forming the parish boundary flows down the valley to the south 5 or 6
yds. amount estimated

RAINFALL at Sevenoaks Kemsing Pumping Station

County of Kent

Observer _____

Dr J.W. Heath *aparangalig*

River Basin Thames. Dorset 5
Copper Boat Aco.
~~South~~ Rain Gauge, by Hicks

Diameter ...	5										
Height	10										
Altitude ...	2927	324	292								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	
										TOTAL MEAN 1916-19	
January ...	2.71	1.65	3.00	3.97	.75	3.57	1.45	1.45	3.10	4.03	10.55
February ...	4.30	1.63	2.00	.95	4.45	4.85	4.51	.65	1.25	2.27	8.68
March	1.63	2.51	4.16	2.88	6.04	.51	3.93	1.95	.93	4.13	10.94
April	1.88	2.39	.05	3.45	1.20	1.59	1.52	2.73	3.64	2.76	10.65
May	3.50	1.87	.79	1.61	1.84	2.95	2.62	2.19	2.30	.13	7.24
June.....	2.74	2.10	3.08	.62	1.02	1.16	2.90	2.95	.86	1.07	7.72
July	2.54	.30	1.46	2.42	1.03	3.86	1.12	4.62	5.11	2.26	13.11
August	2.14	.65	5.00	1.38	1.50	2.00	2.69	5.53	1.52	2.56	12.30
September ..	.99	1.27	3.67	1.47	.92	3.04	1.04	2.47	5.13	1.47	10.11
October ...	2.68	4.32	3.53	4.83	2.11	2.47	4.18	5.26	2.26	.74	12.38
November ...	4.57	6.75	2.67	3.57	4.15	3.65	5.47	1.62	2.21	2.45	11.75
December ...	4.40	6.20	3.44	1.25	8.21	6.60	3.29	2.51	2.58	4.20	12.56
TOTALS ...	34.08	31.64	32.80	28.40	33.22	36.25	34.72	33.93	30.75	28.59	127.99

1910 Kemsing & Seal 88+100 chains N H H W S W

Old copper Brit. Ass. g. - fair condition. In open field fairly well exposed, if anything too open. Lignite sheds 25 yds. W. Heaps of worn, broken & rounded stones and more firmly packed iron gravel.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1900			Kennedy STECR	10 chain	NW	Kennedy Seal	58 chain	NW 100 - 4 SW + W

RAINFALL at Seal Hemsing Pumping Station

County of Kent

Observer A. Grainger Esq F. Vallance Esq

River Basin Thames - Darent -

(Sevenoaks W.W.Corp.)

Gauge
Slanting Copper Brit Rain Gauge, by Dickens

Diameter ...	5"													TOTAL
Height	1	0												
Altitude ...	292													
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		MEANS.		
January ...	3.53	3.34	3.90	1.87	2.55	2.57	3.90	2.62	4.10	1.5	3.40		32.93	
February ...	1.72	1.27	2.75	4.30	1.97	4.34	2.43	5.00	1.65	1.44	1.42		25.29	
March	1.32	2.00	2.20	2.12	1.52	1.93	1.30	4.86	2.16	1.01	1.56		18.48	
April.....	3.92	1.65	3.60	2.35	3.76	2.62	4.24	1.57	2.07	1.00	1.72		28.40	
May	1.72	1.58	1.44	2.82	3.12	2.35	1.00	1.20	2.00	1.02	2.75		20.00	
June	1.25	.05	1.53	.86	2.45	1.37	3.00	3.65	2.75	.84	.50		17.25	
July	4.19	.30	3.34	1.90	4.22	3.75	1.56	3.35	1.86	1.34	2.40		28.21	
August	2.00	1.07	3.40	1.82	3.05	1.83	1.60	4.65	2.39	2.55	3.27		27.43	
September...	4.04	1.07	3.06	1.93	3.50	2.83	1.26	5.16	.50	.18	4.55		28.08	
October.....	1.00	1.15	1.32	6.55	3.76	4.09	2.78	1.75	5.24	2.60	1.53		31.80	
November...	1.35	2.28	1.87	2.09	3.56	3.08	6.40	2.62	3.45	7.50	5.45		39.65	
December...	2.56	1.50	4.24	3.00	3.85	3.73	.80	4.00	4.25	6.75	2.39		37.07	
TOTALS...	26.60	17.16	32.65	31.61	36.31	32.49	29.27	39.93	32.45	25.18	30.94		334.59	

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920			Hemsing	10 chains	NW	Hemsing	58 chains NW

RAINFALL at Seal (Kensington Pumping Stat.)

County of Kent Observer F. Vallance, F.R.S.

River Basin Thames Dart &c 5 E.H. Tawney, F.R.S.

Type of Gauge M.O.

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

559492/28.

Diameter	5										
Height	1' 0										1' 6"
Altitude	292										293
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	TOTAL Months
January	2.20	2.66	1.95	2.76	1.90	5.12	5.36	3.07	5.25	(2.49)	3276
February	2.48	5.6	1.65	2.25	4.02	2.06	4.82	1.76	1.64	1.77	2003
March	2.48	1.65	3.97	3.04	1.37	1.20	4.65	1.42	1.45	3.0	2223
April	4.78	2.60	1.56	3.04	1.88	2.43	2.47	1.41	1.97	1.56	2170
May	2.85	2.98	1.92	1.62	1.64	1.33	2.80	3.02	2.39	1.53	2008
June	1.20	1.90	1.64	1.84	2.26	2.50	2.95	1.49	1.14	1.27	1519
July	3.33	2.80	2.50	2.00	1.74	3.24	2.28	1.32	1.67	3.83	2374
August	4.02	1.49	1.54	2.14	2.13	1.76	1.64	1.70	1.75	1.20	1537
September	2.50	2.06	3.91	1.97	4.89	2.07	2.67	2.29	1.14	1.00	2450
October	1.62	6.95	1.80	2.13	3.62	1.98	1.91	4.00	1.10	2.60	3331
November	3.96	1.25	1.71	3.71	6.28	4.76	1.71	2.87	5.01	8.58	3984
December	6.3	6.8	1.74	6.26	4.62	2.60	5.37	2.99	1.10	1.45	2704
TOTALS	31.05	25.58	22.89	29.76	34.35	29.05	38.63	23.34	32.83	28.28	23576

1936 Building 20' high, 100' S.W.

1939 " 15' " 70' S.

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	Parish Church.	Distance from gauge	Direction
1939.			Kensington	1/4 m	W.	Kensington	1 m	NW.

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

Station No. 384 T.F.

RAINFALL at Seal (Kemsing Pumping Stat.)

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County of Kent..... Observer E. H. Evans Esq.

River Basin Thames. General S.W.S.

Type of Gauge M.O.

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

File No. 384/2/2

Diameter	5"			290	349						
Height	1' 3"				1						
Altitude	293'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	TOTAL Means
January	2.59	2.56	3.84	1.29	2.31	2.21	3.04	4.32	1.14	1.13	24.43
February	2.54	1.04	2.00	1.05	2.10	3.04	1.90	2.85	1.36	5.16	23.04
March	3.16	2.62	3.4	.06	1.46	1.45	6.35	.93	.90	1.31	18.58
April	1.97	1.46	1.31	1.58	1.35	2.79	1.96	1.66	1.70	3.85	19.63
May	1.97	3.26	3.23	.63	3.02	3.35	2.16	2.05	1.93	1.29	22.89
June	2.30	.12	1.83	1.18	1.24	2.23	1.76	3.38	1.19	3.01	18.24
July	1.98	2.15	1.78	1.37	3.96	2.08	1.92	1.48	.75	2.26	19.73
August	3.87	2.78	1.12	2.88	2.26	5.74	.30	4.60	1.40	2.35	27.30
September	.60	2.22	1.98	2.87	1.17	2.96	1.49	4.77	1.29	2.67	19.02
October	1.09	3.05	3.05	5.03	3.36	1.44	.36	2.06	8.35	.31	28.10
November	3.36	1.67	1.57	4.77	.30	4.98	1.03	1.88	3.09	6.78	29.43
December	2.50	2.60	2.08	1.79	4.14	2.49	2.92	4.79	1.68	2.33	27.32
TOTALS	27.93	23.53	24.13	24.50	26.67	34.76	25.19	31.77	24.78	32.45	277.71

1941. Building 15' high 70'S.

1943. corr. with ref. to f. 1940.

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	Parish Church.	Distance from gauge	Direction
1941			Kemsing	1/4 mile	W	Kemsing	1/2 mile	W.

290349

Station No. 384

T.F. 35
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RAINFALL at SKEL (KEMSSING PUMPING STATION)

County of KENT

Observer F. H. EVANS, Esq.

River Basin THAMES-DARNTON C 5

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average Ref.
 29.60 " " 35 " " 1916-1950 1916-1950 P
 File No. 889492/28

Diameter	5"				29.0	34.9					
Height	1' 3"					1					
Altitude	293'		247'			51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.15	2.85	.99	1.84	3.69	4.67	1.94	3.16	3.01	3.13	2843
February	1.49	1.05	1.76	2.23	2.37	4.16	4.23	2.43	1.13	2.31	2476
March	4.14	3.24	.35	2.81	1.31	.88	1.38	1.60	1.74	1.63	1908
April	3.13	1.55	3.22	.43	.23	1.35	2.22	1.70	2.43	0.82	1508
May	2.27	1.14	2.01	2.07	4.22	.57	1.64	1.86	1.23	2.05	1906
June	1.48	1.16	1.57	3.82	1.85	2.79	1.18	3.94	.94	1.88	2061
July	2.70	.64	4.02	2.91	.55	3.78	3.73	2.09	1.79	3.22	2544
August	4.94	4.10	1.55	3.50	.95	3.03	2.85	3.67	1.10	4.48	3017
September	3.50	3.29	4.15	2.32	3.12	3.30	2.93	5.86	.20	3.18	3185
October	1.20	3.13	3.11	2.31	5.07	1.57	1.60	3.19	3.09	7.44	3171
November	5.29	5.50	1.34	4.85	.97	.45	3.93	1.51	3.82	5.88	3404
December	2.66	2.63	.93	1.79	2.37	4.13	2.37	3.72	5.60	3.86	3006
TOTALS	41.95	30.28	25.00	30.88	26.70	27.78	28.00	34.73	25.08	39.89	31029
	D	D	D	D	D	D	D	D	D	D	111

* Crude
ret.
amended
- Retro.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference TQ(51) 569576

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1955			Kensington	1/4 mi	NW	Kensington	1 mi N

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	✓	✓