

# RAINFALL AT

*Jungness*

80

Lat. ....

Lon. .... County of *Kent*

Rain Gauge, by .....

Observer *The Meteor. Council*

*1-Rodm.*

Diameter ....											8	
Height .....												
Altitude ....												
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS	
January....						2.14	4.05	2.43	1.15	1.02		
February....						3.11	.68	.61	1.54	2.58		
March .....						1.42	.66	1.26	3.08	1.47		
April .....						1.63	1.60	1.86	.86	1.43		
May .....						2.04	3.29	1.75	1.04	2.32		
June .....						1.12	1.13	.56	1.76	.41		
July .....						.15	2.93	1.00	3.05	2.63		
August .....						.64	1.58	1.67	1.55	1.77		
September....						3.97	2.06	3.24	1.65	1.10		
October ....						5.06	2.92	1.32	3.44	6.28		
November....						3.32	4.47	3.81	2.74	1.16		
December ....						1.08	4.95	1.84	1.96	1.65		
TOTALS ....						25.68	30.32	21.35	23.82	23.82		

# RAINFALL AT

*Dungeness*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of

*Kent*

Rain Gauge, by \_\_\_\_\_

Observer

*The Met Council*

*1- Rother.*

Diameter ....	8										
Height .....	...								1.3		
Altitude ....	...								75 <sup>T</sup>		
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	2.17	3.81	.38	1.55	1.92	1.58	.66	1.51	.33	1.96	1.617
February ....	.97	.05	1.50	2.47	1.40	.18	.19	1.33	.76	1.42	1.027
March .....	2.14	2.78	1.26	.23	.83	1.35	1.77	2.17	1.05	.42	1.400
April .....	2.41	.37	1.02	.01	1.65	.88	.38	.71	1.05	2.45	1.093
May .....	1.02	2.87	.16	.39	1.38	.10	.11	.51	2.36	.99	.989
June .....	1.55	1.60	2.08	.37	1.50	.22	2.30	.78	1.04	.74	1.218
July .....	2.74	2.16	1.56	2.64	4.03	2.51	.58	.63	.38	.95	1.818
August .....	3.26	4.60	1.46	1.95	1.26	1.77	1.98	3.35	1.62	.72	2.200
September....	.82	1.13	1.79	3.33	2.68	.83	4.28	1.66	.46	2.93	1.991
October .....	1.05	4.34	5.19	4.05	4.76	3.96	5.23	.16	1.68	1.50	3.192
November....	3.59	2.18	2.31	2.23	2.31	3.19	1.66	1.13	1.47	1.86	2.193
December ....	.72	2.23	1.86	1.49	1.26	2.06	2.68	2.20	1.39	2.18	1.807
TOTALS ...	22.44	28.12	20.57	20.71	24.98	18.93	21.82	16.17	13.59	18.12	20.5715

# RAINFALL AT *Dungeness*

Lat. ....

Lon. ....

County of *Kent East*

Rain Gauge, by ....

Observer *The Meteor Council*

*1- Rother ac.*

Diameter ..	8										
Height ....	1 3										
Altitude ..	75 T						21				
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	2.78	.59	1.27	2.03	2.46	1.64	3.62	.72	1.40	1.07	1.758
February ..	3.78	1.60	1.11	1.77	1.63	.78	2.02	1.26	1.40	.59	1.594
March ....	.65	1.22	.92	1.46	.91	3.97	1.68	.88	2.18	5.06	1.893
April .....	.61	1.68	.38	2.39	.78	2.29	.69	2.30	1.65	1.98	1.475
May .....	.70	.61	1.26	1.02	1.25	1.29	1.91	2.37	1.36	.90	1.267
June .....	1.53	1.26	1.42	1.94	.65	5.92	1.87	2.18	1.17	3.09	2.103
July .....	.45	1.43	.81	3.14	1.05	1.35	.40	1.29	3.02	2.81	1.575
August ....	2.45	1.79	2.84	2.50	1.43	3.02	.49	1.37	3.52	3.31	2.272
September ..	.92	.99	.88	1.69	1.68	2.03	1.52	.48	2.28	3.40	1.587
October ....	2.44	.94	1.93	3.33	1.89	3.11	4.16	4.38	1.48	6.25	2.091
November ..	3.22	.87	1.68	1.99	1.36	4.60	5.99	1.72	1.27	1.33	2.403
December ..	2.75	3.63	2.36	2.00	2.73	.69	2.18	2.91	3.84	5.72	2.881
TOTALS ..	22.28	16.61	16.86	25.26	17.82	30.69	26.53	21.86	24.57	35.51	12.77

*Hills*



RAINFALL at DungenessCounty of KentObserver Metereological OfficeRiver Basin Rother & C 1

Rain Gauge, by \_\_\_\_\_

Diameter ...	8											
Height .....	1.3											
Altitude ...	21											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	3.03	1.70	2.43	3.52	1.16	3.78	1.24	1.83	3.31	3.69	2569	10.07
February ...	3.36	1.56	2.10	.95	2.78	4.02	4.14	.74	.67	2.40	2272	7.95
March .....	1.45	2.24	3.77	2.59	4.71	.47	3.54	1.69	1.07	2.80	2433	7.10
April .....	2.11	1.35	.10	1.86	.97	1.92	1.66	2.09	1.03	2.35	1544	7.73
May .....	2.45	.65	.80	.69	.92	2.96	2.64	1.65	1.49	.31	1456	6.09
June .....	2.05	2.26	3.39	.65	.92	.19	2.85	2.36	.59	.41	1567	6.20
July .....	3.59	.34	2.16	1.72	2.12	2.96	.70	3.78	2.64	1.79	2179	8.91
August .....	1.80	.64	4.48	2.28	1.07	.98	1.30	5.43	1.34	1.41	2073	9.48
September ...	.43	1.09	2.75	2.04	1.02	1.92	.76	.63	4.92	.42	1598	6.73
October ...	5.16	6.05	3.59	3.94	3.06	2.25	4.78	3.82	2.21	1.00	3586	11.81
November ..	6.96	5.71	2.13	2.98	2.98	3.15	3.97	1.77	1.92	3.60	3517	11.36
December ...	3.09	5.29	2.77	1.75	6.96	7.56	4.49	2.32	1.69	2.75	3867	11.25
TOTALS ...	35.48	28.88	30.47	24.97	28.67	32.15	32.07	28.11	22.88	22.93	28661	105.99

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at *Dungeness*

County of Kent

Observer: Metronological Office

River Basin Prother & Co 1

Air Ministry 9.11.1941

*Rain Gauge, by*

Diameter ...												Hgt Sta No.	08-305866
Height .....	1	3				0.11						NPR:	Tk(6) 089168
Altitude ...	22					20						dlt	6m
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mean		
January ...	2.54	(1.25)	3.07	1.17	1.98	2.97	3.19	2.42	2.64	.96	2.46	Total	
February ...	.52	.82	2.04	3.19	.57	3.76	2.86	2.95	.91	.78	1.52	24.68	
March .....	.84	.88	1.76	1.80	1.84	1.16	.35	2.71	1.16	.14	(1.90)	19.37	
April.....	2.30	1.13	2.97	1.20	2.95	2.11	2.86	1.71	2.21	1.01	(1.00)	14.54	
May .....	1.37	1.22	.25	3.89	2.56	2.07	1.55	.55	1.85	1.73	(3.40)	21.45	
June .....	.76	.	1.71	.61	1.22	.17	2.56	3.45	1.90	1.60	(1.10)	20.44	
July .....	2.35	.22	1.89	1.10	2.46	2.31	1.92	4.19	1.33	1.07	(3.50)	15.08	
August .....	1.20	1.01	1.62	1.85	3.19	1.12	1.31	4.04	1.34	1.76	(3.00)	22.34	
September..	2.50	.53	3.07	1.93	1.70	2.44	.50	<sup>3</sup> / <sub>2</sub> .84	.30	.75	(2.50)	21.47	
October.....	.86	.52	1.53	6.01	4.19	3.59	3.84	1.03	8.39	4.12	1.60	19.86	
November...	1.12	1.67	1.51	2.11	2.95	3.21	6.82	<sup>3</sup> / <sub>2</sub> .31	5.28	5.09	<sup>4</sup> / <sub>2</sub> .89	35.48	
December...	2.72	2.36	2.64	3.04	3.43	4.37	.87. <sup>4</sup>	2.50	3.51	6.38	2.42	37.76	
TOTALS...	19.08	(10.71) <sub>D</sub>	24.06 <sub>D</sub>	27.90 <sub>D</sub>	29.04 <sub>D</sub>	29.28 <sub>D</sub>	28.63 <sub>D</sub>	<sup>4</sup> / <sub>2</sub> .70 <sub>D</sub>	30.88 <sub>D</sub>	25.34 <sub>D</sub>	29.29 <sub>D</sub>	288.9 <sub>D</sub>	

1920. Road at 74. 1921. *Hydrobia ulina* (L.) 5-9.25. (H. ulina var. (M.S.) 19.93). New rain gauge funnel fitted to old cylinder but can leaks badly. A new can was sent but stood the leak. At 12" x 5" can should be sent. (File 565059/25)

1929. A new gauge was taken into use on 1/7/29 on a new site in new instrument enclosure on S.E. side of Lighthouse. (File 894146/29.)

1421-1430  
Coulter & Smith 1966

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

No. of Maps

Reference No.

Date.	Lat. N.	Long. E	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	50° 35'	0° 58'						



RAINFALL at Dungeness (Light House) M.V.R.County of Kent Observer M.O.River Basin 1 - Rother + c. Chief Office RN Lig. Sta. (Mo.)Type of Gauge M.O.Annual Average 24.4 in. based on 31 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. S. of N. and Average water level.

Diameter	8"											
Height	0' 4"											
Altitude	20'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Total	Means
January	2.31	1.36	2.60	2.27	1.19	4.15	4.43	3.18	5.18	2.85	29.52	
February	1.59	.46	1.39	.08	3.19	1.85	3.76	.73	1.15	2.15	16.35	
March	.56	1.61	1.40	2.02	.30	.98	3.36	.57	2.06	2.03	14.89	
April	2.55	2.16	1.06	2.13	2.93	1.78	2.51	.59	2.54	1.28	19.56	
May	2.22	3.11	1.28	.50	1.02	.12	3.04	2.03	.88	1.33	15.53	
June	.55	1.36	1.81	.69	1.48	2.85	1.52	.57	1.55	.54	12.95	
July	2.79	3.62	.92	.82	.27	4.11	1.19	1.51	2.84	1.50	19.57	
August	2.94	.50	.81	2.75	5.36	1.85	1.29	2.93	1.43	.70	19.99	
September	1.44	2.06	5.05	.79	3.50	2.72	2.77	2.24	1.12	2.06	24.05	
October	.90	7.68	2.15	1.77	3.30	1.64	2.39	2.77	9.56	3.71	35.87	
November	3.19	.86	2.00	1.41	5.22	4.26	1.30	3.06	4.28	6.26	31.84	
December	.82	.41	.59	5.51	3.46	1.78	4.32	2.27	1.24	2.20	22.80	
TOTALS	22.22	25.27	21.02	20.74	31.22	28.09	31.88	22.65	33.86	26.01	263.92	

Hyp. Sta. No. 03-305856  
 NGR: TR(61) 089168  
 alt: 6m

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

## 41

Observer Brief Officer R. M. Sig. Sqn. (M.O.)[illegible]

\*\*\*\*\* B H N 9 9 a \*

64 N. 9. 0. 0.

shells

File No.

New gauge to be supplied. New gauge installed Feb. 1950  
1950 Low

Reference No.....

BRITISH RAINFALL ORGANIZATION

RAINFALL at DUNGENESS LIGHTHOUSE

51

County of KENTObserver CHIEF OFFICER, R.N. SIG. STN. (M.O.)River Basin ROTHER & C. 1Type of Gauge M.O. 3555/44/50Annual Average 24.4 in. based on 31 years obs. un weighted.Period of average 1881-1915

3 of N. &amp; AVERAGE

Ref. WORKING SHEET25.05 " " 35 " " 1916-19501916-1950

File No.

Diameter ...	8"				305	856	5"			5'	
Height ...	0' 11"				3	1'0"				1'0"	
Altitude ...	20'				51	10'				10'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...					2.16	5.59	1.48	1.91	3.02	3.02	
February ...					1.43	-1.00	4.35	2.46	.07	2.21	
March ...					1.20	.27	.54	1.12	1.87	1.74	
April ...					-1.00	.68	.35	1.26	1.53	0.86	
May ...					4.04	.74	1.44	1.88	.66	1.78	
June ...					1.91	1.80	.49	3.49	.89	1.37	
July ...					0.84	3.05	3.02	1.95	1.07	2.42	
August ...					2.45	3.42	1.70	2.67	.74	5.55	
September ...					-1.00	2.37	2.91	2.02	.19	2.50	
October ...					3.19	1.64	1.07	3.54	3.22	5.86	
November ...					0.86	.63	4.22	1.71	5.59	6.96	
December ...					2.90	3.68	1.22	3.13	5.36	4.35	
TOTALS ...	N.R.	N.R.	N.R.	N.R.	—		22.79	27.14	24.21	38.62	

1951 the obs. it is hoped to continue in 1952.

Imp. 17.7.52 M. Pedlow. Station in good order, observer anxious to recommence reading.

No reading rec'd up to 5/53.

Imp. M. Buckley 20.7.54. New gauge inst'd on

on Aug 1956. G. found. On flat terrain somewhat o/c in all directions. Best available site. 40 yds N of lighthouse

In 2.6.57 A. Buchanan - G. found. Sited at

1957 point 1958 m. lighthouse

Imp. 20.8.57 Mr. S.W. Hunt - Satisfactory. Imp 13/4/60 R.A. 0920V - satisfactory. TR (6) 089168

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 61 694 119

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

Further report given enclosed memorandum

1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓ NP 21, 20	✓	✓ np 1950.	
	✓	✓	✓	✓	