

RAINFALL at Felicitstone AerodromeCounty of Suffolk Observer D. F. Bowering forRiver Basin Deben & C. 3

Meteorological Officer Air Ministry

Snowdon Rain Gauge, by R. G. J.

Diameter ...	9											8
Height	12				10							10
Altitude ...	15				16							15
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN 1930	
January ...	(1.88)	1.52	2.99			1.00	1.92	1.96	2.79	1.03	1.42	524
February ...	(.39)	.23	1.49			1.35	2.09	2.33	.89	.32	1.00	221
March .....	.70	.74	1.04		.47	1.00	.07	2.03	1.93	.03	1.50	346
April	2.89	1.02			2.29	1.55	2.85	1.70	1.09	1.65	1.23	402
May .....	.78	1.25			3.70	1.42	.80	1.05	1.35	.94	1.51	380
June .....	.88	.14			1.17	.37	1.72	3.78	2.24	.62	1.18	404
July	2.45	.49			2.54	1.72	1.93	3.32	1.52	4.67	3.13	932
August	1.24	.51			2.86	2.47	.97	3.20	1.76	1.57	1.55	488
September...	4.41	2.12			2.54	2.56	.92	2.52	.63	.12	3.96	471
October .....	.54	.74			4.00	2.00	2.48	1.41	1.83	2.27	.72	482
November...	.67	1.43			2.00	1.84	3.12	1.94	1.88	3.77	2.99	864
December...	2.91	1.07			2.11	2.06	.85	2.33	3.39	3.56	1.63	858
TOTALS...	(19.74)	11.26			imp	19.34	19.72	26.57	21.30	20.55	21.87	6372

1920. Jan. & Feb. estd from other Felicitstone
Thermometer Screen 5' 6" high 15 ft. W.S.W.

1921. Hyetograph 2 ft. high 20 ft. W.

Office 15' .. 40' E.

1930. Gauge moved 30th Oct. 30 yds E.

Old Office 15' high 18 yds NW.

New " 16' " 20 yds NNE

Stevenson screen 6' " 6 yds NW.

Wire fence 4' " 4 yds S + E.

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	Parish Church.	Distance from gauge	Direction
1920	51° 56' 10"	1° 17' 0"	Felicitstone Pier	500 yds	W.N.W.	St. Edmunds 1930 St. John's	1000 yds	E.N.E.
							2200 yds	N.E.

RAINFALL at Felixstowe (Aerodrome) (+A) M.W.R.County of Suffolk.Observer The Meteorological OfficerRiver Basin Deben &c. -3Meteorological Office

Type of Gauge.....

Annual Average ~~2.2~~ in. based on 6 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref A.W. Sheet.*average from 15' dist. well from air terminal & away of Suffolk and from our own Survey of Stone built-up areas (P.B. 379) area of 203 not applicable to H. Road & Co.*

Diameter	8.										
Height	1.0.										
Altitude	15.							10			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.36	59	.81	1.05	2.45		(3.50)	2.49	4.48	1.63	2.04
February	2.11	.42	.80	.29	2.58		2.85	.63	0.83	1.20	1.30
March	.24	1.20	1.46	1.85	.61		2.02	.38	1.69	2.34	1.31
April	2.95	1.85	.85	2.16	1.81		2.35	.46	2.49	1.08	1.78
May	1.97	3.07	1.14	2.45	1.76		2.90	1.68	1.17	.20	1.82
June	.84	.50	1.70	2.74	2.56		1.71	.49	1.70	.60	1.20
July	2.13	2.74	1.24	1.83	.92		1.41	1.17	1.13	2.34	1.66
August	2.49	.98	.89	1.11	1.69		.91	.83	2.33	.25	1.27
September	1.27	1.37	3.43	1.64	3.52		1.75	2.26	0.72	.81	1.87
October	.51	4.26	1.51	1.27	1.71		1.89	2.41	3.33	2.19	2.67
November	1.13	1.08	2.02	1.29	2.74		1.19	1.84	3.26	4.89	2.16
December	.42	.24	.53	3.22	1.91		3.89	1.97	1.13.	1.57	1.65
TOTALS	17.42	18.30	16.38	18.90	24.26	M.R. (26.37)	16.71	29.26	19.10	20.74	

1933 Office 16' high 20 yds. N.E. S. Screen 6' high 6 yds. N.W. Open wire fence 4' high 4 yds. S.E.

1937 Station reinstated Feb. 1937

1939 Site changed 26 May 1939

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
			Felixstowe Pier	400 yds.	N.W.	St. John's	2200 yds.	N.E.

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

RAINFALL at Feliscotawe (Ampthorne) (+A) Station No. 1352 MW.R. 41County of SuffolkObserver Meteorological OfficeRiver Basin Dulben + 5 - 3

Type of Gauge.....

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

File No.

Diameter	8"		221	299		5					
Height	1' 0"			3		1' 0"					
Altitude	10'					10'					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.13	2.26	3.49	1.22	1.54		1.98	2.84	.96	1.40	
February	1.58	.63	.54	1.39	1.27		1.24	1.17	.92	2.13	
March	1.95	2.32	.39	.17	.85		4.19	.60	.65	.47	
April	1.16	.51	.66	1.55	.65		1.11	1.59	.99	.96	
May	1.07	1.47	1.31	.75	1.79		.54	.95	1.70	1.26	
June	.85	1.30	1.28	1.66	1.32	2.69	1.96	2.04	.49	.93	
July	1.74	2.12	1.11	2.23	1.69	2.14	1.17	1.24	.56	1.96	
August	3.69	1.31	1.44	1.06	2.19	4.32	.18	2.25	1.09	1.42	
September	.37	1.40	1.79	2.26	.79	1.60	1.24	1.64	1.61	2.45	
October	2.32	3.02	1.58	4.25	1.51	.91	.29	1.28	4.96	.43	
November	2.24	2.34	1.59	3.66	.94	3.99	1.19	1.38	2.15	3.82	
December	1.19	2.27	1.28	1.31	2.01	2.90	3.24	1.55	1.36	1.77	
TOTALS	20.29 D	20.95 D	16.46 D	21.51 D	16.55 D	28.80 imp	18.33 D	18.53 D	17.44 D	19.00 D	

Site changed to be over-exposed & catch too small*

- * 7/46. Pan of rainfield a bit of slush & snow 4 ft. from 4 ft. from gauge affording shelter from the west. The site is not as supposed at first over-exposed. RR. Instruments transferred to Woodbridge 2/1/46.

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.

BRITISH RAINFALL ORGANIZATION

Station No. 1352RAINFALL at Felixstowe (Airfield)

(MWR) 100

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County of SuffolkObserver Meteorological OfficeRiver Basin Deben & E 3

Type of Gauge

(+A)

Annual Average 20.3 in. based on 20 years obs. un-weighted.Period of average 1931-1955Ref. AWS20.90 " " 10 " 1947-19561916-1950

File No.

Diameter ...	5"			221	299						
Height ...	1' 0"				3						
Altitude ...	10'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	1.65	2.26	.70	1.74	1.78	3.45	1.04	2.46	1.56	2.63	
February ...	3.56	.85	(1.10)	2.42	1.88	1.26	2.05	2.71	.15	1.01	
March ...	2.54	2.56	.35	1.67	1.45	.85	1.19	1.12	.86	1.78	
April ...	1.92	.62	1.91	.30	.14	.62	.25	.92	1.56	.54	
May ...	1.78	1.25	1.39	1.40	2.19	.74	1.55	2.59	.28	.89	
June ...	1.31	1.32	1.90	1.38	1.93	1.66	.98	4.09	.81	.70	
July ...	2.19	.82	2.77	2.20	.14	2.38	4.29	2.09	2.02	3.25	
August ...	3.16	2.55	1.14	3.29	1.75	3.88	1.41	2.62	1.17	3.32	
September ...	2.88	4.66	1.15	1.39	.90	1.48	2.45	2.40	.03	3.01	
October ...	.72	1.48	1.65	1.25	4.31	1.29	1.28	1.87	1.65	6.10	
November ...	2.97	3.88	.94	2.67	.61	.55	1.66	.46	2.81	3.31	
December ...	1.61	2.26	.74	1.52	1.48	1.85	1.94	2.25	2.79	3.19	
TOTALS ...	26.29	24.51	15.74	20.93	18.56	20.01	20.08	27.08	15.39	29.73	
	D	D	D	D	D	D	D	D	D	D	

20004

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference TM62296328

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

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
		20-21, 25-30 ✓ but - 20	31-35, 37-40 ✓ but 37	41-45, 47-50 ✓	