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Weather Tables Saxmundham

Rothamsted Research

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SAXMUNDHAM WEATHER 1970

Latitude 52° 13' N; Longitude 1° 28' E; Altitude 37 m

	Temperature (°C)				Radiation mWh cm ⁻² day ⁻¹	Wind Run at 2 m km day ⁻¹	Water (mm)			Accumulated Day-degrees F	
	Mean air	Soil at 10 cm	Dewpoint	Ground frosts			Rain	Rain days	Evap. Open water	A	B
January	3.8	3.1	1.7	7	147	265	72	16	—	15	66
February	3.4	1.6	0.0	9	148	320	55	22	—	23	133
March	3.3	2.4	0.1	15	172	295	51	17	16†	57	277
April	6.0	5.4	3.1	14	240	285	53	24	40	168	363
May	11.9	12.1	6.8	1	388	230	18	6	105	523	364
June	15.0	17.0	10.7	0	472	200	8	4+	133	1038	364
July	14.6	16.4	10.2	0	359	220	28	9+	98	1545	364
August	15.9	16.5	10.5	0	331	190	21	7	113	2123	364
September	14.7	13.7	8.7	0	234	200	62	7	83	2613	364
October	10.9	9.6	5.9	3	138	235	25	8	49	2922	372
November	7.5	6.4	3.7	0	—	295	151	17	28	3061	404
December	3.9	4.3	1.2	2+	—	235	34	8+	—	3049	520
Total or mean	9.2	9.0	5.2	51+	—	250	578	145+	—	—	—

NOTES ON THE TABLE

1. Except for the last two columns, all quantities are measured.
2. Temperatures were measured in °F.
3. 'Soil at 10 cm' and 'Dewpoint' are at 0900 GMT.
4. 'Radiation' is measured on a radiometer built at Rothamsted.
5. Rain and evaporation were measured in inches.
6. 'Evaporation' is the mean of two open water tanks installed on 19 March 1970(†). They are 22 in. diameter, 12 in. deep, and set 6 in. in the ground. Water level is about 2½ in. below the rim.
7. Calculated values of accumulated temperatures are: A. Day-degrees above 42°F. B. Day-degrees below 42°F.
8. Temperature records for January and February are based on daily readings excluding Sundays.

WEATHER TABLES