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Report for 1972 - Part 1

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Weather Tables Saxmundham

Rothamsted Research

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SAXMUNDHAM WEATHER 1972

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)			Accumulaed Day-degrees F	
	Mean air	Soil at 10 cm	Dewpoint	Ground frosts			Rain	Rain days	Evaporation Open water	A	B
January	3.7	3.1	1.7	13	85	262	62	10+	—	18	122
February	4.3	3.1	2.8	10	95	265	32	9	—	41	204
March	6.5	4.3	3.9	17	169	277	31	8	15†	155	253
April	8.0	7.3	4.4	4	208	323	45	16	64	307	269
May	10.7	10.5	7.2	1	288	282	39	15	100	602	274
June	12.3	12.7	10.0	0	286	211	44	12	90	966	275
July	15.7	16.6	11.7	0	284	145	51	8+	96	1532	275
August	15.3	14.9	11.1	0	253	18	10	4+	97	2058	275
September	11.9	11.7	8.9	0	152	167	66	7	69	2399	275
October	10.5	9.5	7.8	5	98	220	6	4	38	2686	283
November	5.8	5.3	3.9	7	63	288	49	12	17	2771	351
December	5.7	4.9	4.4	6	—	267	30	10	—	2846	414
Total or mean	9.2	8.7	6.7	63		240	465	115+			

NOTES ON THE TABLE

1. Except for the last two columns, all quantities are measured.
2. Temperatures were measured in °F.
3. 'Radiation' is measured on a radiometer built at Rothamsted.
4. Rain and evaporation were measured in inches.
5. 'Evaporation' is the mean of two open water tanks installed on 22 March 1972(†). They are 56 cm diameter, 30 cm deep and set 15 cm in the ground. Water level is about 6 cm below the rim.
6. Calculated values of accumulated temperatures are: A. Day-degrees above 42°F. B. Day-degrees below 42°F.