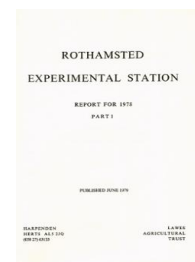




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Rothamsted Research (1979) *Weather Tables Broom's Barn* ; Report For 1978 - Part 1, pp 328 - 328
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BROOM'S BARN WEATHER 1977-78

Latitude 52° 16' N; Longitude 0° 34' E; Altitude 75 m

Latitude 52° 16' N; Longitude 0° 54' E; Altitude 75 m												
	Temperature (°C)					Radiation		Wind Run at 2 m km day ⁻¹	Water (mm)			
	Mean maximum	Mean minimum	Soil at 10 cm	Dew- point	Ground frosts	Sunshine hours	mWh cm ⁻² day ⁻¹		Rain- fall	Rain days	Evaporation	
											Open water	Pot. trans.
1977												
October	16.0	8.6	10.6	9.7	0	143	162	201	13	11	37	17
November	9.2	3.9	5.3	3.6	11	91	86	312	61	18	29	9
December	8.4	3.9	4.6	3.9	8	63	46	276	54	16	13	2
1978												
January	5.2 (-1.0)	0.5 (-1.0)	2.1	0.8	17	35 (-11)	44	254	73 (+28)	20	—	4
February	4.6 (-1.9)	-0.3 (-1.4)	1.9	0.7	15	56 (-5)	109	234	39 (+4)	19	—	12
March	10.2 (+1.5)	3.1 (+1.2)	4.4	3.5	13	116 (+3)	196	297	75 (+41)	22	—	32
April	9.8 (-1.8)	2.8 (-0.9)	5.8	3.0	11	115 (-26)	251	233	37 (-7)	12	48	41
May	15.7 (-0.3)	6.3 (-0.6)	11.3	7.5	1	196 (+3)	407	178	69 (+26)	8	88	69
June	18.2 (-1.1)	9.6 (+0.1)	15.4	9.6	0	169 (-46)	406	180	88 (+38)	14	116	79
July	18.7 (-2.3)	10.8 (-0.8)	15.5	11.6	0	122 (-66)	323	164	55 (+10)	15	84	66
August	19.7 (-1.4)	11.0 (-0.5)	15.3	11.6	0	153 (-27)	307	157	55 (+1)	13	96	58
September	18.6 (+0.4)	10.7 (+0.9)	13.4	10.2	0	159 (+14)	251	252	34 (-20)	9	101	51
October	15.3 (+1.0)	8.5 (+1.2)	10.3	9.3	0	95 (-11)	136	164	8 (-36)	10	33	18
November	11.1 (+2.2)	5.4 (+2.3)	7.3	5.6	6	96 (+25)	87	248	17 (-50)	9	—	7
December	6.4 (-0.3)	1.8 (0.0)	3.5	2.5	12	39 (-7)	40	247	90 (+38)	21	—	1
Total or mean	12.8 (-0.4)	5.9 (+0.1)	8.9	6.3	75	1351 (-154)	213	217	640 (+73)	172	—	438

NOTES ON THE TABLE

1. Except for the last column, all quantities are measured.
2. Departures from long-period average are for different periods.
3. Air temperature and rainfall, 1964-77, Sunshine 1965-77.