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Yields of the Field Experiments 2009

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Results of the
Classical and other
Long-term Experiments
2009

Rothamsted- the Weather: Monthly Summary

Rothamsted Research

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Rothamsted Experimental Station

The Weather : Monthly Summary : 2009

(Departure from 30-year means (1971 - 2000) in brackets)

	Sunshine		Mean temperatures °C								Rain		Drainage	Wind ^c	
	Hours	()	Maximum		Minimum		Dew	Ground	In ground under grass		Total mm		Rain	20 inch	
			°C	()	°C	()	point	frosts ^a	30 cm	100 cm	12cm(5") turf wall	days ^b	mm	km/hr	
January	76.2	(+21.15)	5.2	(-1.15)	-0.8	(-1.62)	0.6	23	3.4	6.0	70.4	(+0.7)	21	48.9	9.2
February	85.0	(+14.31)	6.4	(-0.36)	1.0	(+0.26)	1.3	17	3.8	5.2	73.9	(+25.1)	14	68.4	8.4
March	182.0	(+74.81)	11.3	(+1.81)	2.4	(+0.11)	3.1	19	6.7	6.9	37.3	(-16.6)	18	3.2	10.0
April	184.7	(+37.92)	14.7	(+2.75)	5.4	(+1.73)	6.4	11	10.0	8.8	46.7	(-6.8)	16	8.6	8.2
May	242.1	(+47.24)	17.1	(+1.37)	7.7	(+1.34)	7.4	4	12.7	11.0	24.8	(-24.9)	13	0.0	10.5
June	208.3	(+18.02)	20.0	(+1.35)	10.2	(+0.94)	9.7	2	15.3	13.2	68.1	(+7.9)	13	6.4	7.5
July	199.7	(-3.63)	20.8	(-0.58)	12.3	(+0.95)	11.6	0	17.0	15.2	73.3	(+31.2)	19	3.1	9.1
August	185.2	(-11.62)	22.0	(+0.54)	12.7	(+1.34)	12.4	0	17.1	15.7	63.4	(+9.7)	13	15.5	8.0
September	144.7	(+2.35)	18.8	(+0.81)	10.6	(+1.19)	10.0	0	15.1	15.1	15.9	(-45.1)	9	0.0	9.6
October	79.9	(-32.24)	14.7	(+0.98)	8.0	(+1.32)	8.6	5	12.3	13.4	39.1	(-35.6)	15	0.0	7.7
November	77.0	(+6.89)	11.3	(+1.96)	5.9	(+2.62)	6.6	8	9.7	11.4	146.1	(+79.9)	23	8.8	12.3
December	72.4	(+24.33)	5.4	(-1.74)	0.0	(-1.92)	1.1	16	5.7	8.6	105.2	(+35.1)	21	67.2 ^d	9.6
Year	1737.2	(+199.53)	14.0 ^e	(+0.65)	6.3 ^e	(+0.69)	6.6 ^e	105	10.7 ^e	10.9 ^e	764.3	(+60.8)	195	230.1 ^d	9.2 ^e

^a Number of nights grass minimum was below 0.0 °C

30 year Mean Rainfall = 704mm

^b Number of days rain was 0.2 mm or more

^c At 2 metres above ground

^d Denotes a missing value. In this case the 20" drain measuring equipment failed and we lost data for days 1 to 8 in December.

^e Monthly mean