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Yields of the Field Experiments 2011

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Results of the
Classical and other
Long-term Experiments
2011

Rothamsted- the Weather: Monthly Summary

Rothamsted Research

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Woburn Experimental Farm

The Weather : Monthly Summary : 2011

(Departure from 30-year means (1981 - 2010) in brackets)

	Sunshine		Mean temperatures °C								Rain			Wind
	Hours	()	Maximum		Minimum		Dew point	Ground frosts *	In ground under grass		Total mm		Rain days **	*** km/hr
			()	()	()	()	point	frosts *	30 cm	100 cm	Tipping bucket	()		
January	43.3	(-16.7)	6.3	(-0.7)	1.4	(+0.1)	3.3	17	5.0	6.3	75.6	(+21.1)	23	8.3
February	53.5	(-21.4)	9.1	(+1.7)	3.7	(+2.8)	5.9	5	6.0	6.4	54.2	(+12.0)	20	10.3
March	154.8	(+41.4)	11.3	(+1.0)	2.2	(-0.5)	5.8	12	6.8	6.9	5.2	(-40.7)	7	7.2
April	226.2	(+75.3)	18.1	(+5.0)	5.4	(+1.7)	8.4	13	11.0	9.0	5.2	(-47.0)	5	7.2
May	226.4	(+39.2)	17.8	(+1.3)	7.5	(+0.9)	7.6	6	12.8	10.8	37.4	(-15.9)	11	9.7
June	208.5	(+20.5)	19.5	(-0.1)	9.3	(-0.1)	10.3	2	15.3	12.3	57.2	(+7.1)	14	8.1
July	152.1	(-45.0)	20.4	(-1.7)	10.0	(-1.7)	11.0	0	16.4	14.0	51.6	(+1.7)	14	6.2
August	140.2	(-48.6)	20.6	(-1.3)	11.4	(-0.2)	12.9	0	16.7	14.9	66.4	(+8.6)	15	7.1
September	169.7	(+32.7)	20.1	(+1.4)	10.9	(+1.3)	14.4	0	15.3	14.6	50.8	(-6.3)	16	9.7
October	133.7	(+21.9)	17.2	(+2.7)	8.6	(+1.7)	10.9	5	13.5	14.0	21.2	(-49.6)	12	9.6
November	68.2	(+1.9)	12.8	(+2.8)	6.0	(+2.3)	8.9	5	11.0	12.3	30.8	(-31.7)	16	7.4
December	57.7	(+12.1)	8.8	(+1.6)	2.8	(+1.3)	5.2	8	6.8	9.6	74.0	(+18.2)	21	12.5
Year	1634.2	(+113.2)	15.2	(+1.1)	6.6	(+0.8)	8.7	73.0	11.4	10.9	529.6	(-122.4)	174.0	8.6

* Number of nights grass minimum was below 0.0 °C

** Number of days rain was 0.2 mm or more

***At 2 metres above ground

30 year Mean Rainfall = 652mm