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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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Rothamsted Experimental Station
The Weather : Monthly Summary : 2011
 (Departure from 30-year means (1981 - 2010) in brackets)

Sunshine		Mean temperatures °C							Rain		Drainage	Wind		
		Maximum		Minimum		Dew	Ground	In ground under grass		Total mm	Rain			
		°C	()	°C	()	point	frosts *	30 cm	100 cm	12cm(5") turf wall	Days**			
Hours	()											km/hr		
January	45.4	(-16.60)	6.0	(-0.68)	1.6	(+0.40)	16	4.6	5.9	84.6	(+14.63)	21	91.9	10.0
February	48.7	(-31.56)	8.8	(+1.89)	3.6	(+2.72)	8	5.6	6.2	56.8	(+6.66)	21	26.4	11.3
March	149.6	(+34.68)	10.7	(+0.85)	2.4	(-0.32)	15	6.6	6.8	10.0	(-40.80)	12	0.8	9.0
April	234.4	(+73.14)	17.6	(+4.98)	6.7	(+2.67)	4	10.8	9.4	5.2	(-49.86)	4	0.1	9.5
May	237.6	(+43.01)	17.4	(+1.32)	7.6	(+0.72)	4	12.8	11.6	23.6	(-31.09)	11	0.1	10.1
June	214.3	(+16.13)	19.0	(-0.14)	9.5	(-0.21)	1	14.7	13.0	83.0	(+29.74)	16	0.5	9.1
July	171.2	(-33.98)	19.9	(-1.83)	10.9	(-1.02)	0	16.1	14.5	44.6	(-5.27)	14	0.1	7.9
August	141.2	(-55.04)	19.9	(-1.67)	11.7	(-0.14)	0	16.3	15.2	81.2	(+17.47)	20	9.2	7.5
September	160.3	(+16.88)	19.6	(+1.28)	11.1	(+1.14)	0	15.1	14.7	38.4	(-19.22)	14	1.4	9.3
October	143.2	(+31.46)	16.6	(+2.60)	9.0	(+1.85)	4	13.2	13.7	25.2	(-56.47)	11	0.0	10.3
November	68.8	(-1.92)	12.4	(+2.66)	6.2	(+2.44)	4	10.9	12.0	36.4	(-40.19)	15	6.2	9.3
December	74.5	(+20.66)	8.6	(+1.71)	2.8	(+1.16)	11	6.8	9.0	82.4	(+12.88)	17	46.6	13.1
Year	1689.1	(+96.9)	14.7	(+1.1)	6.9	(+1.0)	67.0	11.1	11.0	571.5	(-161.5)	176.0	183.3	9.7

* 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 = 733mm