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Yields of the Field Experiments 2010

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Results of the
Classical and other
Long-term Experiments

2010

Rothamsted- the Weather: Monthly Summary

Rothamsted Research

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Rothamsted Experimental Station

The Weather : Monthly Summary : 2010

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

	Sunshine		Mean temperatures °C								Rain		Drainage	Wind	
	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 ^{**}	mm	km/hr	
January	65.8	(+10.76)	3.2	(-3.10)	-0.9	(-1.74)	-0.4	19	3.1	5.7	47.3	(-22.32)	13	48.4	8.9
February	55.6	(-15.08)	5.4	(-1.27)	0.3	(-0.47)	1.2	18	3.4	5.1	77.2	(+28.44)	23	72.9	9.6
March	145.7	(+38.52)	9.8	(+0.34)	2.5	(+0.19)	2.9	20	5.6	5.7	45.2	(-8.72)	13	17.2	10.6
April	222.5	(+75.68)	14.1	(+2.17)	3.8	(+0.15)	3.8	14	8.9	8.1	18.7	(-34.83)	8	4.0	9.0
May	205.4	(+10.49)	15.4	(-0.37)	5.7	(-0.62)	5.9	11	11.5	10.1	38.4	(-11.33)	8	14.0	8.3
June	240.8	(+50.48)	20.8	(+2.22)	10.3	(+1.09)	10.1	0	15.3	12.9	23.5	(-36.71)	9	0.2	8.0
July	179.4	(-23.95)	22.8	(+1.35)	13.2	(+1.86)	11.7	0	17.6	15.4	31.6	(-10.41)	12	0.2	8.1
August	140.3	(-56.48)	19.8	(-1.63)	11.7	(+0.39)	11.4	0	16.5	15.5	127.6	(+73.87)	20	39.2	8.8
September	133.2	(-9.16)	17.7	(-0.31)	10.0	(+0.51)	10.8	0	14.7	14.7	59.7	(-1.31)	16	12.5	8.7
October	99.6	(-12.59)	13.7	(-0.04)	7.2	(+0.60)	8.1	7	12.2	13.1	84.9	(+10.25)	16	50.9	8.9
November	60.5	(-9.62)	7.5	(-1.84)	2.7	(-0.60)	3.0	13	8.5	10.5	54.8	(-11.40)	21	29.1	10.3
December	38.4	(-9.70)	2.0	(-5.15)	-2.7	(-4.61)	-1.2	24	3.6	6.5	35.3	(-34.80)	16	28.1	8.6
Year	1587.0	(+49.3)	12.7	(-0.6)	5.3	(-0.3)	5.6	126.0	10.1	10.3	644.2	(-59.4)	175.0	316.5	9.0

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

30 year Mean Rainfall = 704mm

^{**} Number of days rain was 0.2 mm or more

^{***} At 2 metres above ground