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Yields of the Field Experiments 2012

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Results of the
Classical and other
Long-term Experiments
2012

Rothamsted- the Weather: Monthly Summary

Rothamsted Research

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Rothamsted Research
The Weather : Monthly Summary : 2012

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

	Sunshine		Mean temperatures °C						Rain		Drainage		Wind km/hr***		
	Hours	()	Maximum °C	()	Minimum °C	()	Dew point °C	Ground frosts*	In ground under grass 30 cm	100 cm	5" turf wall Total mm	()		Rain days**	20" mm
January	82.2	(+20.18)	8.5	(+1.75)	2.5	(+1.26)	2.6	13	6.1	7.7	58.0	(-11.97)	20	26.3	11.3
February	109.3	(+29.03)	6.4	(-0.50)	0.1	(-0.85)	1.0	15	4.1	5.8	24.7	(-25.44)	8	12.4	9.2
March	193.5	(+78.61)	12.8	(+2.94)	3.1	(+0.40)	4.6	22	7.6	7.4	34.7	(-16.13)	16	8.8	8.1
April	150.1	(-11.14)	11.5	(-1.11)	3.3	(-0.69)	3.9	14	8.9	8.8	168.6	(+113.57)	25	109.1	10.4
May	175.6	(-19.06)	16.1	(+0.05)	7.9	(+1.02)	7.7	4	11.9	10.2	52.6	(-2.08)	14	27.8	9.5
June	144.9	(-53.31)	17.6	(-1.51)	10.0	(+0.27)	10.0	3	14.6	12.9	166.5	(+113.21)	22	78.0	10.3
July	172.3	(-32.86)	19.8	(-1.96)	11.6	(-0.25)	11.5	0	16.8	14.7	128.4	(+78.57)	23	53.6	7.7
August	176.5	(-19.77)	21.7	(+0.18)	12.8	(+0.91)	13.2	0	17.4	15.9	54.9	(-8.82)	16	8.4	7.7
September	179.6	(+36.20)	18.3	(+0.01)	8.4	(-1.53)	8.8	1	14.9	15.0	40.4	(-17.27)	15	7.3	8.8
October	86.0	(-25.71)	12.7	(-1.36)	6.7	(-0.47)	7.3	8	12.0	12.9	115.8	(+34.13)	26	58.6	8.8
November	76.9	(+6.13)	9.4	(-0.32)	3.6	(-0.23)	4.3	13	8.6	10.4	100.4	(+23.79)	22	132.2	8.8
December	68.2	(+14.40)	7.5	(+0.64)	1.4	(-0.24)	2.6	15	5.3	7.6	114.2	(+44.67)	26	200.1	11.0
Year	1615.0	(+22.68)	13.5	(-0.10)	5.9	(-0.03)	6.5	108	10.7	10.8	1059.2	(+326.23)	233	722.4	9.3

* Number of nights grass minimum was below 0.0 °C

30 year Mean Rainfall = 733mm

** Number of days rain was 0.2 mm or more

*** At 2 metres above the ground