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Yields of the Field Experiments 2013

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Results of the
Classical and other
Long-term Experiments
2013

Rothamsted- the Weather: Monthly Summary

Rothamsted Research

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Rothamsted Research The Weather : Monthly Summary : 2013

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

	Sunshine		Mean temperatures °C								Rain		Drainage	Wind	
			Maximum		Minimum		Dew point	Ground	In ground under grass		Tipping Bucket		Rain	20"	
	Hours	()	°C	()	°C	()	°C	frosts*	30 cm	100 cm	Total mm	()	days**	mm	km/hr***
January	44.8	(-17.23)	4.9	(-1.78)	0.5	(-0.70)	1.09	18	5.2	6.9	62.8	(-7.17)	16	82.6	10.1
February	86.1	(+5.81)	5.2	(-1.75)	0.2	(-0.74)	0.01	16	4.1	5.7	43.4	(-6.74)	18	60.1	10.7
March	72.9	(-42.00)	5.2	(-4.71)	-0.2	(-2.83)	0.44	19	4.2	5.4	83.1	(+32.30)	15	58.8	10.8
April	193.7	(+32.53)	12.2	(-0.45)	3.0	(-1.05)	2.25	13	6.8	6.1	32.8	(-22.29)	15	8.3	12.1
May	183.2	(-11.44)	14.8	(-1.32)	6.1	(-0.72)	5.06	6	10.9	9.4	56.0	(+1.28)	15	8.0	10.0
June	185.3	(-12.89)	18.0	(-1.10)	9.3	(-0.45)	8.95	1	13.6	11.6	24.6	(-28.69)	9	0.5	9.7
July	277.3	(+72.09)	24.5	(+2.71)	12.8	(+0.93)	12.88	0	17.2	14.4	47.4	(-2.48)	12	2.3	7.6
August	191.2	(-5.04)	22.1	(+0.49)	12.7	(+0.88)	12.4	0	17.3	15.8	57.5	(-6.23)	14	12.9	7.7
September	122.7	(-20.67)	17.8	(-0.53)	9.7	(-0.20)	10.3	0	15.0	14.9	50.2	(-7.39)	21	13.4	7.0
October	84.7	(-27.05)	15.3	(+1.21)	9.3	(+2.15)	10.1	2	13.1	13.5	108.8	(+27.07)	26	54.9	10.0
November	77.9	(+7.13)	8.9	(-0.85)	3.6	(-0.24)	3.8	9	8.7	10.9	59.5	(-17.13)	23	35.8	8.9
December	62.1	(+8.33)	9.1	(+2.22)	2.6	(+0.92)	3.5	16	6.7	8.5	123.1	(+53.60)	24	102.2	11.1
Year	1581.9	(-10.43)	13.1	(-0.49)	5.8	(-0.17)	5.9	100.0	10.2	10.3	749.1	(+16.13)	208.0	439.7	9.6

* 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