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Results of the Classical and Other Long-term Experiments - 2017



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Classical and other
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2017

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Weather Summaries (Rothamsted & Woburn)

Rothamsted Research

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Results of the Classical and other Long-term Experiments 2017

Weather Summaries

Rothamsted Research												
The Weather : Monthly Summary : 2017												
(Departure from the 30 year means (1981 - 2010) in brackets)												
Sunshine		Mean temperatures °C										
Hours	()	Maximum	Minimum	Dew point	Ground	In ground under grass		Rain		Rain	Drainage	Wind
	()	°C	°C	°C	frosts*	30 cm	100 cm	Tipping Bucket	()	days**	mm	km/hr***
January	77.2	6.3	-0.2	1.52	19	4.1	6.8	70.2	(+0.21)	23	49.6	6.2
February	62.8	8.5	3.2	4.52	15	5.6	6.3	38.7	(-11.40)	18	19.0	10.1
March	139.9	12.7	5.0	6.64	15	8.0	7.8	40.4	(-10.42)	21	13.1	9.9
April	197.4	13.8	4.2	4.95	17	10.2	9.6	10.9	(-44.19)	14	0.1	7.1
May	185.1	17.7	8.7	10.23	2	12.7	11.0	70.5	(+15.82)	16	19.8	7.3
June	229.1	21.5	12.0	12.21	1	16.7	14.3	39.1	(-14.12)	12	4.2	7.9
July	187.4	21.8	13.2	12.74	0	17.6	15.9	72.6	(+22.69)	16	7.5	7.2
August	170.2	20.2	11.8	13.3	0	16.7	15.9	66.6	(+2.89)	14	16.0	6.8
September	116.9	17.3	9.8	11.4	1	15.0	15.1	86.9	(+29.29)	23	23.7	6.7
October	87.4	15.4	9.1	10.3	3	13.5	13.9	31.2	(-50.51)	19	5.8	8.9
November	92.0	9.6	3.5	4.8	15	9.4	11.3	53.5	(-23.09)	22	18.2	8.4
December	57.4	7.2	1.8	3.1	19	6.0	8.1	110.8	(+41.25)	24	98.4	10.0
Year	1602.7	14.3	6.8	8.0	107.0	11.3	11.3	691.4	(-41.58)	222.0	275.4	8.1

* Number of nights grass minimum was below 0.0 °C

** Number of days rain was 0.2 mm or more

*** At 2 metres above the ground

Results of the Classical and other Long-term Experiments 2017

Woburn Experimental Farm														
The Weather : Monthly Summary : 2017														
(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 30 cm	In ground under grass 100 cm	Total mm	Tipping bucket	Rain days **	Wind ***			
	()	()	()	point	frosts *	30 cm	100 cm	()	()	days **	km/hr			
January	66.7	(+6.63)	6.7	(-0.30)	-0.4	(-1.62)	1.6	19	3.9	7.4	67.0	(+12.46)	20	5.7
February	64.7	(-10.18)	9.1	(+1.73)	3.2	(+2.32)	4.8	15	5.9	6.6	47.3	(+5.09)	19	9.7
March	144.6	(+31.10)	13.0	(+2.69)	4.9	(+2.22)	6.8	16	8.3	7.8	48.1	(+2.18)	18	9.5
April	183.8	(+32.85)	14.3	(+1.21)	3.6	(-0.20)	5.3	17	10.3	9.4	13.4	(-38.77)	14	7.0
May	186.3	(-0.89)	18.3	(+1.78)	8.2	(+1.65)	10.3	3	13.8	10.9	71.6	(+18.35)	14	7.2
June	221.3	(+33.41)	22.1	(+2.55)	11.7	(+2.31)	12.4	0	18.0	14.2	40.3	(-9.75)	12	9.1
July	184.6	(-12.49)	22.4	(+0.32)	12.6	(+0.96)	13.1	0	18.6	15.9	97.6	(+47.71)	17	7.7
August	176.5	(-12.30)	20.8	(-1.09)	11.3	(-0.27)	13.2	0	17.7	16.1	76.8	(+18.98)	15	7.0
September	119.7	(-17.37)	17.9	(-0.75)	9.4	(-0.20)	12.9	1	15.6	15.6	73.4	(+16.29)	25	6.8
October	89.7	(-22.06)	16.0	(+1.57)	9.1	(+2.19)	11.5	4	13.8	14.5	33.2	(-37.63)	14	10.0
November	77.1	(+10.89)	10.1	(+0.17)	3.2	(-0.59)	6.0	13	9.1	12.1	51.2	(-11.27)	18	8.5
December	45.9	(+0.24)	7.6	(+0.38)	1.9	(+0.44)	4.0	19	5.8	9.1	76.6	(+20.85)	21	10.2
Year	1560.9	(+39.83)	15.0	(+0.86)	6.6	(+0.78)	8.6	107.0	11.8	11.7	696.5	(+44.48)	207.0	8.3

* 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