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Yields of the Field Experiments 2001

[Full Table of Content](#)

Yields of the
Classical
and other
Long-term Experiments
2001

MACR - Rothamsted

Weather Monthly Summary

Rothamsted Research

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Rothamsted Experimental Station															
The Weather : Monthly Summary : 2001															
(Departure from 30-year means (1971 - 2000) in brackets)															
	Sunshine		Mean temperatures oC							Rain		Drainage	Wind		
	Hours	()	Maximum	Minimum	Dew point	Ground frosts *	In ground under grass 30 cm	100 cm	Total mm 5" turf wall	Rain days **	20 inch mm	***	km/hr		
January	84.2	(+29.1)	5.7	(-0.7)	0.40	(-0.5)	1.4	27	3.7	6.4	76.1	(+6.4)	16	74.8	8.2
February	89.0	(+18.3)	7.8	(+1.1)	1.50	(+0.8)	2.5	18	4.8	5.9	110.4	(+61.6)	16	92.5	9.3
March	68.4	(-38.8)	8.2	(-1.3)	2.60	(+0.2)	3.5	10	5.5	6.1	91.4	(+37.5)	22	70.5	9.8
April	133.2	(-13.6)	11.4	(-0.6)	4.10	(+0.5)	5.1	11	8.4	7.8	83.7	(+30.2)	23	40.5	10.4
May	223.2	(+28.3)	17.4	(+1.6)	7.80	(+1.5)	8.4	2	12.5	10.1	50.1	(+0.4)	7	24.9	8.5
June	230.4	(+40.1)	18.8	(+0.2)	9.70	(+0.5)	10.3	0	15.4	13.1	27.8	(-32.4)	9	0.4	7.2
July	199.8	(-3.5)	22.03	(+0.61)	13.01	(+1.65)	13.4	0	17.5	15.1	56.1	(+11.5)	10	6.4	6.4
August	199.2	(+2.4)	21.68	(+0.25)	12.87	(+1.52)	14.0	0	17.9	16.2	119.2	(+65.5)	17	35.0	5.7
September	127.6	(-14.7)	16.54	(-1.45)	10.00	(+0.56)	10.2	0	15.2	15.4	73.8	(+12.8)	16	29.6	7.9
October	100.7	(-11.4)	16.3	(+2.56)	10.55	(+3.9)	11.6	0	13.9	14.2	115.7	(+41.0)	20	96.9	7.6
November	80.7	(+14.5)	10.1	(+0.72)	3.67	(+0.34)	4.97	9	9.3	11.7	49.0	(-17.2)	17	30.9	8.1
December	73.7	(+25.6)	5.85	(-1.34)	0.67	(-1.25)	1.21	22	5.9	8.8	19.5	(-50.6)	12	22.5	9.1
Year	1610.1	(+72.4)	13.48	(+0.15)	6.41	(+0.82)		99			872.8	(+177.5)	185	524.9	8.2
* Number of nights grass minimum was below 0.0 oC															
** Number of days rain was 0.2 mm or more															
*** At 2 metres above ground															

Woburn Experimental Farm														
The Weather : Monthly Summary : 2001														
(Departure from 30-year means (1971 - 2000) in brackets)														
	Sunshine		Mean temperatures oC							Rain		Wind		
	Hours	()	Maximum	Minimum	Dew point	Ground frosts *	In ground under grass 30 cm	100 cm	Total mm Tipping bucket	Rain days **	*** km/hr			
		()	()	()	()	()	()	()	()	()	()	()		
January	82.6	(+34.1)	6.0	(-0.7)	0.0	(-1.0)	1.5	21	3.8	6.5	50.0	(-5.3)	21.0	7.1
February	98.6	(+34.6)	8.2	(+1.1)	1.0	(+0.2)	2.3	17	4.9	5.8	79.6	(+39.0)	21.0	8.1
March	92.1	(-9.2)	8.4	(-1.5)	2.2	(+0.2)	3.7	10	5.6	6.0	97.6	(+48.0)	25.0	7.9
April	136.7	(+0.9)	11.9	(-0.4)	3.9	(+0.5)	4.9	4	8.6	7.6	80.4	(+27.7)	24.0	9.2
May	223.4	(+40.3)	17.8	(+1.8)	6.9	(+0.9)	9.5	0	12.0	9.4	48.2	(-4.5)	11.0	6.5
June	222.3	(+45.4)	19.4	(+0.5)	9.0	0.0	10.7	0	14.9	11.9	25.4	(-33.4)	12.0	6.8
July	195.6	(+2.0)	22.3	(+0.5)	12.4	(+1.2)	13.4	0	17.2	14.2	80.2	(+34.6)	11.0	6.0
August	172.2	(-12.4)	22.2	(+0.6)	12.3	(+1.2)	14.8	0	17.4	15.4	85.6	(+31.1)	19.0	6.2
September	74.5		17.0	(-1.3)	9.2	(+0.1)	10.3	0	14.8	14.6	70.4	(+12.3)	20.0	4.8
October	107.7	(+3.9)	16.7	(+2.6)	10.7	(+4.2)	12.4	0	13.8	13.8	111.6	(+47.2)	25.0	9.4
November	69.0	(+5.6)	10.4	(+0.8)	3.2	(-0.2)	5.2	2	9.2	11.5	53.0	(-4.2)	19.0	7.3
December	65.4	(+23.8)	5.9	(-1.6)	-0.6	(-2.5)	1.4	21	5.8	8.8	22.2	(-37.3)	18.0	6.6
Year	1540.1							75			804.2		226	
* Number of nights grass minimum was below 0.0 oC														
** Number of days rain was 0.2 mm or more														
*** At 2 metres above ground														
Records missing from various categories in September due to sensor malfunction.														