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Yields of the Field Experiments 2007

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Results of the
Classical and other
Long-term Experiments
2007

Woburn- the Weather: Monthly Summary

Rothamsted Research

Rothamsted Research (2007) *Woburn- the Weather: Monthly Summary* ; Yields Of The Field Experiments 2007, pp 62 - 62 - DOI: <https://doi.org/10.23637/ERADOC-1-217>

Woburn Experimental Farm

The Weather : Monthly Summary : 2007

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

	Sunshine		Mean temperatures °C (See Note about missing data for June and July)							Rain		Wind		
	Hours	()	Maximum		Minimum	Dew	Ground	In ground under grass		Total mm		Rain	***	
			()	()	point	frosts *	30 cm	100 cm	Tipping bucket	days **	km/hr			
										()				
January	67.5	(+19.00)	9.70	(+2.95)	4.20	(+3.20)	4.2	6	6.8	8.9	63.6	(+8.30)	23	14.1
February	87.4	(+23.40)	9.00	(+1.87)	2.40	(+1.59)	3.6	11	5.5	7.5	63.0	(+22.40)	23	7.4
March	167.9	(-101.30)	11.40	(-9.88)	2.40	(-2.39)	3.9	13	7.0	7.9	35.4	(-14.20)	19	9.2
April	218.8	(+83.00)	16.90	(+4.61)	4.80	(+1.37)	7.5	4	10.0	8.8	2.0	(-50.70)	5	5.3
May	165.0	(-18.10)	16.50	(+0.46)	7.70	(+1.68)	9.0	0	12.3	10.6	120.6	(+67.90)	18	7.7
June	147.3	(-29.56)	20.10	(+1.14)	10.90	(+1.93)	12.5	0	14.7	12.0	46.2	(-12.60)	23	3.1
July	176.0	(-17.63)	20.90	(-0.84)	11.40	(+0.26)	11.6	0	16.8	14.3	94.6	(+49.00)	15	4.4
August	180.3	(-4.30)	20.70	(-0.91)	10.60	(-0.47)	11.8	0	17.0	15.2	49.2	(-5.30)	15	5.7
September	145.5	(+14.30)	18.20	(-0.03)	9.40	(+0.10)	11.8	0	15.4	15.0	21.2	(-36.90)	11	6.8
October	97.0	(-6.80)	14.60	(+0.56)	6.60	(+0.07)	9.2	6	12.2	13.4	78.4	(+14.00)	16	4.1
November	78.9	(+15.50)	10.30	(+0.71)	3.10	(-0.28)	4.6	9	8.5	11.1	53.1	(-4.10)	21	7.2
December	54.1	(+12.50)	7.70	(+0.23)	1.50	(-0.39)	2.3	12	6.1	8.8	52.5	(-7.00)	18	9.6
Year	1585.7	(+157.91)	14.7	(+1.02)	6.3	(+0.75)	92.1	61	11.0	11.1	679.8	(+30.80)	207	84.6

* 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

Note about missing data for June: Due to a fault days 27 to 30 have missing values for temperature and dewpoint and so the average for these has been calculated over 26 days instead of 30.

Note about missing data for July: Due to a fault days 1 to 5 have missing values for temperature and dewpoint and so the average for these has been calculated over 26 days instead of 31, except for average max temp, which due to the throw back was calculated over 27 days.