

Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 2009

[Full Table of Content](#)



Results of the
Classical and other
Long-term Experiments
2009

Rothamsted- the Weather: Monthly Summary

Rothamsted Research

Rothamsted Research (2010) *Rothamsted- the Weather: Monthly Summary* ; Yields Of The Field Experiments 2009, pp 60 - 60 - DOI: <https://doi.org/10.23637/ERADOC-1-219>

Rothamsted Experimental Station

The Weather : Monthly Summary : 2009

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

	Sunshine		Mean temperatures °C								Rain		Drainage	Wind ^c	
			Maximum		Minimum		Dew	Ground	In ground under grass		Total mm		Rain	20 inch	
	Hours	()	°C	()	°C	()	point	frosts ^a	30 cm	100 cm	12cm(5") turf wall		days ^b	mm	km/hr
January	76.2	(+21.15)	5.2	(-1.15)	-0.8	(-1.62)	0.6	23	3.4	6.0	70.4	(+0.7)	21	48.9	9.2
February	85.0	(+14.31)	6.4	(-0.36)	1.0	(+0.26)	1.3	17	3.8	5.2	73.9	(+25.1)	14	68.4	8.4
March	182.0	(+74.81)	11.3	(+1.81)	2.4	(+0.11)	3.1	19	6.7	6.9	37.3	(-16.6)	18	3.2	10.0
April	184.7	(+37.92)	14.7	(+2.75)	5.4	(+1.73)	6.4	11	10.0	8.8	46.7	(-6.8)	16	8.6	8.2
May	242.1	(+47.24)	17.1	(+1.37)	7.7	(+1.34)	7.4	4	12.7	11.0	24.8	(-24.9)	13	0.0	10.5
June	208.3	(+18.02)	20.0	(+1.35)	10.2	(+0.94)	9.7	2	15.3	13.2	68.1	(+7.9)	13	6.4	7.5
July	199.7	(-3.63)	20.8	(-0.58)	12.3	(+0.95)	11.6	0	17.0	15.2	73.3	(+31.2)	19	3.1	9.1
August	185.2	(-11.62)	22.0	(+0.54)	12.7	(+1.34)	12.4	0	17.1	15.7	63.4	(+9.7)	13	15.5	8.0
September	144.7	(+2.35)	18.8	(+0.81)	10.6	(+1.19)	10.0	0	15.1	15.1	15.9	(-45.1)	9	0.0	9.6
October	79.9	(-32.24)	14.7	(+0.98)	8.0	(+1.32)	8.6	5	12.3	13.4	39.1	(-35.6)	15	0.0	7.7
November	77.0	(+6.89)	11.3	(+1.96)	5.9	(+2.62)	6.6	8	9.7	11.4	146.1	(+79.9)	23	8.8	12.3
December	72.4	(+24.33)	5.4	(-1.74)	0.0	(-1.92)	1.1	16	5.7	8.6	105.2	(+35.1)	21	67.2 ^d	9.6
Year	1737.2	(+199.53)	14.0 ^e	(+0.65)	6.3 ^e	(+0.69)	6.6 ^e	105	10.7 ^e	10.9 ^e	764.3	(+60.8)	195	230.1 ^d	9.2 ^e

^a Number of nights grass minimum was below 0.0 °C

30 year Mean Rainfall = 704mm

^b Number of days rain was 0.2 mm or more

^c At 2 metres above ground

^d Denotes a missing value. In this case the 20" drain measuring equipment failed and we lost data for days 1 to 8 in December.

^e Monthly mean