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# Results of the Classical and Other Long-term Experiments 2021



Results of the  
Classical and other  
Long-Term Experiments  
2021

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## Weather Summaries

### Rothamsted Research

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Weather Summaries

**Rothamsted Research**

**The Weather : Monthly Summary : 2021**

(Departure from the 30 year means (1991 - 2020) in brackets)

	Sunshine		Mean Temperatures °C						Rain			Drainage 20"		Wind ***	
	Hours	(hours)	Maximum		Minimum		Dew point °C	Ground frosts* #	In ground under grass		Tipping Bucket		Total mm		# days**
			°C	(°C)	°C	(°C)			30 cm °C	100 cm °C	mm	(mm )			
January	52.0	(-11.91)	5.8	(-1.20)	0.4	(-1.22)	1.9	18	5.0	7.2	113.6	(+39.48)	23	88.7	8.6
February	80.8	(-5.38)	8.1	(+0.56)	2.2	(+0.73)	3.1	14	5.2	6.4	45.8	(-11.15)	15	34.0	9.3
March	112.0	(-16.36)	10.7	(+0.42)	3.5	(+0.62)	4.0	18	6.9	7.2	27.6	(-19.47)	13	3.1	9.8
April	215.8	(+43.79)	11.5	(-1.84)	1.1	(-3.36)	1.2	22	8.0	8.1	1.6	(-52.40)	4	0.0	7.9
May	150.4	(-52.92)	14.7	(-1.78)	6.2	(-1.10)	7.1	10	10.7	9.5	94.4	(+41.14)	24	21.4	8.4
June	184.7	(-21.09)	20.3	(+0.77)	11.8	(+1.62)	12.7	0	15.9	12.9	77.6	(+22.78)	11	7.8	6.3
July	195.6	(-11.18)	22.3	(+0.29)	13.4	(+1.04)	14.4	0	17.7	15.0	51.0	(-4.46)	17	5.4	5.9
August	114.2	(-75.21)	19.9	(-1.69)	12.3	(+0.02)	13.3	0	16.9	15.7	37.0	(-34.99)	13	0.1	6.8
September	136.2	(-14.46)	20.6	(+2.08)	11.5	(+1.32)	13.1	0	16.0	15.5	54.1	(-3.60)	11	13.5	5.9
October	95.1	(-17.97)	15.2	(+0.94)	8.6	(+1.01)	9.7	4	13.2	14.0	104.8	(+23.51)	17	55.5	7.1
November	82.1	(+9.89)	10.0	(-0.07)	3.9	(-0.37)	5.0	13	9.8	11.8	19.2	(-62.02)	16	6.3	7.6
December	23.5	(-37.31)	8.6	(+1.16)	3.9	(+1.94)	4.7	9	7.5	9.3	76.2	(+0.58)	24	44.2	8.7
Year	1442.4	(-210.13)	14.0	(-0.03)	6.6	(+0.19)	7.5	108.0	11.1	11.1	702.9	(-60.59)	188.0	280.1	7.7

\* 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

**Woburn Experimental Farm**  
**The Weather : Monthly Summary : 2021**  
 (Departure from 30-year means (1991 - 2020) in brackets)

	Sunshine		Mean Temperatures						Rain			Wind ***		
	Hours	(hours)	Maximum		Minimum		Dew Point	Ground frosts *	In ground under grass		Tipping bucket			
			°C	(°C)	°C	(°C)			°C	100 cm	mm		Total	days **
January	44.3	(-15.63)	5.5	(-1.82)	0.5	(-1.04)	1.4	20	4.7	7.6	111.9	(+54.46)	25	8.2
February	81.8	(-1.07)	8.4	(+0.40)	1.4	(-0.02)	2.4	17	5.2	6.8	42.6	(-3.75)	17	8.1
March	104.7	(-21.96)	10.8	(+0.13)	3.1	(+0.45)	3.7	13	6.9	7.3	29.5	(-12.22)	14	9.5
April	214.9	(+47.57)	11.8	(-2.07)	-0.5	(-4.54)	0.9	25	8.2	8.3	6.9	(-43.42)	6	6.5
May	167.6	(-32.90)	15.3	(-1.74)	5.6	(-1.21)	6.5	12	11.6	9.8	120.6	(+66.75)	21	8.2
June	181.4	(-17.20)	20.5	(+0.51)	10.9	(+1.24)	12.2	1	17.2	13.5	70.9	(+19.06)	11	6.2
July	218.7	(+21.05)	23.1	(+0.71)	12.6	(+0.71)	14.2	0	19.2	15.8	75.8	(+24.91)	17	5.9
August	128.7	(-60.99)	20.6	(-1.54)	12.1	(+0.13)	12.9	0	18.0	16.8	24.2	(-37.97)	11	7.5
September	152.3	(+9.02)	21.2	(+2.20)	10.9	(+1.21)	13.0	0	16.7	16.4	48.4	(-8.37)	10	6.1
October	95.3	(-15.24)	15.9	(+1.19)	8.8	(+1.63)	9.6	2	13.4	14.8	83.4	(+9.40)	17	missing
November	68.8	(-0.39)	10.5	(+0.19)	3.4	(-0.65)	5.0	8	9.4	12.4	16.1	(-50.56)	18	missing
December	19.3	(-35.11)	8.8	(+1.16)	3.9	(+2.15)	4.6	4	7.2	9.7	73.1	(+13.91)	25	8.8
<b>Year</b>	<b>1477.9</b>	<b>(-122.86)</b>	<b>14.4</b>	<b>(-0.09)</b>	<b>6.1</b>	<b>(-0.02)</b>	<b>7.2</b>	<b>102.0</b>	<b>11.5</b>	<b>11.6</b>	<b>703.4</b>	<b>(+32.20)</b>	<b>192.0</b>	<b>7.6</b>

\* 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