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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		
		Maximum		Minimum		Dew point	Ground	In ground under grass		Tipping Bucket		20"	
							frosts*	30 cm	100 cm	Total	#	Total	
	Hours	°C	(°C)	°C	(°C)	°C	#	°C	°C	mm	(mm)	mm	mm
January	52.0	(-11.91)	5.8	(-1.20)	0.4	(-1.22)	18	5.0	7.2	113.6	(+39.48)	23	88.7
February	80.8	(-5.38)	8.1	(+0.56)	2.2	(+0.73)	14	5.2	6.4	45.8	(-11.15)	15	34.0
March	112.0	(-16.36)	10.7	(+0.42)	3.5	(+0.62)	18	6.9	7.2	27.6	(-19.47)	13	3.1
April	215.8	(+43.79)	11.5	(-1.84)	1.1	(-3.36)	22	8.0	8.1	1.6	(-52.40)	4	0.0
May	150.4	(-52.92)	14.7	(-1.78)	6.2	(-1.10)	10	10.7	9.5	94.4	(+41.14)	24	21.4
June	184.7	(-21.09)	20.3	(+0.77)	11.8	(+1.62)	0	15.9	12.9	77.6	(+22.78)	11	7.8
July	195.6	(-11.18)	22.3	(+0.29)	13.4	(+1.04)	0	17.7	15.0	51.0	(-4.46)	17	5.4
August	114.2	(-75.21)	19.9	(-1.69)	12.3	(+0.02)	0	16.9	15.7	37.0	(-34.99)	13	0.1
September	136.2	(-14.46)	20.6	(+2.08)	11.5	(+1.32)	0	16.0	15.5	54.1	(-3.60)	11	13.5
October	95.1	(-17.97)	15.2	(+0.94)	8.6	(+1.01)	4	13.2	14.0	104.8	(+23.51)	17	55.5
November	82.1	(+9.89)	10.0	(-0.07)	3.9	(-0.37)	13	9.8	11.8	19.2	(-62.02)	16	6.3
December	23.5	(-37.31)	8.6	(+1.16)	3.9	(+1.94)	9	7.5	9.3	76.2	(+0.58)	24	44.2
Year	1442.4	(-210.13)	14.0	(-0.03)	6.6	(+0.19)	108.0	11.1	11.1	702.9	(-60.59)	188.0	280.1
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* 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 ***		
		Maximum		Minimum		Dew Point	Ground	In ground under grass		Tipping bucket			
							frosts *	30 cm	100 cm	Total	days **		
Hours	(hours)	°C	(°C)	°C	(°C)	°C	#	°C	°C	mm	(mm)	#	km/hr
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
Year	1477.9 (-122.86)	14.4 (-0.09)		6.1 (-0.02)		7.2	102.0	11.5	11.6	703.4	(+32.20)	192.0	7.6

* Number of nights grass minimum was below 0.0 °C

** Number of days rain was 0.2 mm or more

*** At 2 metres above the ground