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Results of the Classical and Other Long-term Experiments 2004

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2004

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Weather Monthly Summary

Rothamsted Research

Rothamsted Research (2005) *Weather Monthly Summary* ; Results Of The Classical And Other Long-Term Experiments 2004, pp 49 - 50 - DOI: <https://doi.org/10.23637/ERADOC-1-261>

Rothamsted Experimental Station															
The Weather : Monthly Summary : 2004															
(Departure from 30-year means (1971 - 2000) in brackets)															
	Sunshine		Mean temperatures oC							Rain		Drainage	Wind		
	Hours	()	Maximum	Minimum	Dew	Ground	In ground under grass		Total mm	Rain	20 inch	***			
			()	()	point	frosts *	30 cm	100 cm	5" turf wall	days **	mm	km/hr			
January	54.0	(-1.1)	7.51	(+1.17)	1.81	(+0.95)	2.76	14	5.07	6.58	88.2	(+18.5)	23	78.5	8.7
February	77.7	(+7.0)	7.36	(+0.65)	2.57	(+1.83)	3.41	13	5.70	6.61	24.0	(-24.8)	14	15.8	10.9
March	101.2	(-6.0)	9.56	(+0.07)	2.75	(+0.42)	3.61	14	5.61	6.04	47.4	(-6.5)	19	13.4	11.3
April	152.9	(+6.1)	13.46	(+1.52)	4.67	(+1.05)	6.51	5	9.18	8.14	82.2	(+28.7)	18	28.6	9.4
May	187.1	(-7.8)	16.29	(+0.54)	7.68	(+1.36)	7.82	0	12.82	10.88	51.6	(+1.9)	12	21.8	7.3
June	203.2	(+12.9)	20.32	(+1.72)	10.54	(+1.33)	10.4	0	15.72	13.68	32.4	(-27.8)	12	0.0	9.0
July	175.2	(-28.1)	21.36	(-0.06)	11.31	(-0.05)	11.4	0	16.07	14.39	49.8	(+7.7)	19	0.0	7.0
August	165.0	(-31.8)	22.35	(+0.92)	13.84	(+2.49)	13.9	0	18.00	16.22	113.4	(+59.7)	24	33.2	7.9
September	166.9	(+24.6)	19.42	(+1.43)	11.05	(+1.61)	11.1	0	15.61	15.45	24.4	(-36.6)	17	0.2	10.6
October	85.6	(-26.5)	13.83	(+0.09)	7.48	(+0.83)	8.15	0	12.15	13.04	126.4	(+51.7)	26	71.7	10.4
November	70.3	(+0.02)	9.83	(+0.45)	4.93	(+1.60)	5.31	8	9.51	11.01	73.6	(+7.4)	21	40.0	8.4
December	61.0	(+12.9)	7.7	(+0.51)	1.93	(+0.01)	2.56	17	6.53	8.63	40.4	(-29.7)	16	26.3	9.2
Year	1500.1		14.08		6.71			71			753.8		221	329.4	
* 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 : 2004														
(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	In ground under grass 100 cm	Total mm Tipping bucket	Rain days **	***			
		()	()	()						()				km/hr
January	48.70	(+0.2)	7.89	(+1.17)	2.05	(+1.01)	2.84	10	5.63	7.45	76.0	(+20.7)	25	11.35
February	77.70	(+13.7)	7.82	(+0.73)	2.35	(+1.53)	2.54	13	6.14	7.31	34.6	(-6.0)	17	9.13
March	102.50	(+1.2)	10.07	(+0.19)	2.59	(+0.20)	3.92	12	5.83	6.55	40.4	(-9.6)	20	8.80
April	155.30	(+19.5)	13.87	(+1.62)	4.82	(-1.41)	6.06	0	9.11	8.15	101.2	(+48.5)	18	6.63
May	192.90	(+9.8)	17.15	(+1.11)	7.63	(+1.59)	8.26	1	11.53	9.95	11.4	(-41.3)	9	8.64
June	211.10	(+34.2)	20.90	(+0.96)	10.32	(+1.31)	10.84	0	13.64	11.70	24.2	(-34.6)	10	7.91
July	175.40	(-18.2)	21.72	0.00	10.75	(-0.43)	11.90	0	14.74	12.94	46.2	(+0.6)	18	6.29
August	176.70	(-7.9)	22.96	(+1.37)	13.43	(+2.33)	14.24	0	17.24	14.89	109.6	(+5.1)	21	6.10
September	161.10	(+29.9)	19.79	(+1.54)	10.35	(+1.06)	11.38	0	15.54	14.96	25.6	(-32.5)	13	9.40
October	91.60	(-12.2)	14.30	(+0.25)	7.18	(+0.70)	8.97	0	11.98	13.21	103.4	(+39.0)	25	8.09
November	49.40	(-14.0)	10.09	(+0.46)	4.47	(+1.08)	5.67	6	9.39	11.39	61.8	(+4.6)	21	5.48
December	55.90	(+14.3)	8.09	(+0.58)	1.69	(-0.22)	2.91	15	6.84	9.19	28.8	(-30.7)	13	7.90
Year	1498.3							57			663.2			
* 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														