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Yields of the Field Experiments 2007

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Results of the
Classical and other
Long-term Experiments
2007

Rothamsted-the Weather: Monthly Summary

Rothamsted Research

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Rothamsted Experimental Station

The Weather : Monthly Summary : 2007

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

	Sunshine		Mean temperatures °C							Rain		Drainage	Wind		
	Hours	()	Maximum		Minimum	Dew	Ground	In ground under grass		Total mm		Rain	20 inch	***	
			()	()	()	point	frosts *	30 cm	100 cm	12cm(5") turf wall	days **	mm	km/hr		
January	71.4	(+16.3)	9.47	(+3.13)	4.04	(+3.18)	5.06	9	6.87	8.50	91.6	(+21.9)	26	28.8	15.0
February	89.2	(+18.5)	8.62	(+1.91)	2.87	(+2.13)	3.76	11	5.87	7.32	97.4	(+48.6)	23	43.9	9.8
March	177.1	(+70.0)	11.09	(+1.60)	2.93	(+0.60)	3.32	15	7.31	7.99	57.6	(+3.7)	20	19.0	12.0
April	239.2	(+92.4)	16.63	(+4.69)	5.74	(+2.12)	6.65	9	10.42	9.44	2.8	(-50.7)	9	0.0	9.2
May	160.1	(-34.8)	16.02	(+0.27)	8.10	(+1.78)	8.64	2	13.00	11.81	135.8	(+86.1)	21	32.2	9.7
June	151.5	(-38.8)	19.18	(+0.58)	11.28	(+2.07)	11.60	0	15.97	13.87	72.4	(+12.2)	18	7.9	8.2
July	174.8	(-28.5)	19.67	(-1.75)	11.95	(+0.59)	13.20	0	16.80	15.14	86.8	(+42.2)	22	7.8	9.2
August	193.5	(-3.3)	20.00	(-1.43)	11.15	(-0.2)	12.50	0	16.83	15.70	64.4	(+10.7)	16	0.3	8.4
September	153.6	(+11.3)	18.04	(+0.05)	10.05	(+0.61)	10.40	0	15.61	15.39	29.2	(-31.8)	14	0.0	8.4
October	99.6	(-12.5)	14.05	(+0.31)	7.13	(+0.48)	8.92	0	12.52	13.63	57.1	(-17.6)	18	22.7	6.4
November	92.3	(+22.2)	10.07	(+1.32)	3.46	(+0.13)	4.34	12	8.73	10.97	80.0	(+13.8)	21	48.9	9.4
December	76.9	(+28.8)	7.60	(+0.41)	1.96	(+0.04)	2.04	12	6.05	8.47	67.1	(-3.0)	18	45.1	11.1
Year	1679.2	(+141.5)	14.20	(+0.87)	6.72	(+1.13)		70			842.2	(+138.6)	226	256.5	

* 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