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Yields of the Field Experiments 1950

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50/E/2 Meteorological Readings - Rothamsted

Rothamsted Research

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METEOROLOGICAL RECORDS ROTHAMSTED 1950

(Departure from long period means in brackets)

Month	Total Hours of Sunshine	Mean Temperature (°F)				Ground Frosts (2)	Rainfall (in) 1/100 acre Gauge	Rain Days (3)	Drainage through 20 in. Soil	Wind (4) m.p.h.
		Air (1)	Dew Point	In Ground 1 ft	In Ground 4 ft					
Jan.	36 (-17)	38.3 (+0.9)	35.9	40.1	45.1	14	1.00 (-1.54)	15	0.33	4.7
Feb.	58 (-12)	41.7 (+3.3)	37.6	40.0	42.7	10	4.61 (+2.74)	22	4.11	5.7
Mar.	126 (+9)	44.5 (+3.2)	39.0	42.9	43.6	11	0.89 (-1.02)	15	-	4.2
Apr.	147 (-9)	45.3 (-0.5)	37.9	44.8	45.5	7	1.95 (-)	19	0.14	6.0
May	153 (-45)	51.3 (-0.6)	45.5	51.3	48.1	3	2.03 (-0.12)	12	0.35	4.7
June	261 (+58)	60.8 (+3.5)	53.2	62.4	53.4	0	1.56 (-0.62)	10	0.06	3.2
July	189 (-7)	60.3 (-0.4)	53.6	62.3	57.1	0	5.50 (+2.96)	15	2.51	2.9
Aug.	165 (-21)	59.9 (-0.3)	54.5	61.2	58.6	0	3.54 (+1.00)	18	1.09	2.5
Sept.	115 (-32)	55.0 (-1.1)	50.1	55.6	57.4	0	3.33 (+0.98)	25	1.08	4.1
Oct.	104 (-1)	59.1 (+0.2)	44.8	50.1	54.5	5	0.62 (-2.41)	13	0.10	3.3*
Nov.	56 (-7)	41.9 (-0.5)	39.2	42.9	49.5	10	5.39 (+2.64)	24	4.13	5.6
Dec.	41 (-4)	32.9 (-5.7)	30.3	36.4	44.6	21	1.71 (-0.88)	19	0.91	5.8
Year	1451 (-88)	48.4 (+0.1)	43.5	49.2	50.0	81	32.13 (+3.72)	207	14.81	4.4

(1) Mean of Maximum and Minimum. *Record for 30 days.

(2) Number of nights Grass Minimum was 30°F. or less.

(3) Number of days rainfall was 0.01 in. or more.

(4) At 2 metres above ground level.

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