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Yields of the Field Experiments 1953

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53/E/2 Meteorological Readings - Rothamsted

Rothamsted Research

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METEOROLOGICAL RECORDS ROTHAMSTED 1953
(Departure from long period means in brackets)

Month	Total Hours of Sunshine	Mean Temperature (°F.)			Ground (2) Frosts	Total Rainfall (in) 1/1000 acre Gauge	Rain (3) Days	Drain-age through 20 in soil	Wind (4) m. p. h.
		Air (1)	1 ft	4 ft					
Jan.	40 (-13)	36.8 (-0.6)	34.3	36.4	17	1.21 (-1.32)	14	0.96	4.1
Feb.	64 (-5)	37.5 (-0.9)	33.6	37.2	16	2.47 (+0.56)	11	1.60	6.1
Mar.	132 (+15)	41.5 (+0.2)	34.5	40.1	19	0.55 (-1.37)	8	0.00	4.7
Apr.	159 (+3)	45.5 (-0.3)	38.1	44.7	5	2.63 (+0.67)	13	0.60	6.1
May	209 (+13)	53.9 (+2.0)	46.6	53.6	2	1.73 (-0.42)	11	0.50	5.4
June	125 (-81)	56.5 (-0.8)	50.6	57.1	0	2.30 (+0.15)	14	0.54	4.4
July	178 (-17)	59.3 (-1.4)	53.5	60.4	0	3.96 (+1.42)	19	1.28	4.4
Aug.	205 (+19)	61.2 (+1.0)	53.5	61.5	0	1.66 (-0.93)	8	0.14	3.7
Sept.	157 (+11)	56.4 (+0.4)	51.1	57.2	0	2.12 (-0.27)	14	0.68	3.8
Oct.	69 (-35)	49.4 (+0.5)	46.6	51.5	3	3.03 (+0.04)	15	1.83	2.9
Nov.	50 (-13)	45.5 (+3.1)	42.8	45.8	4	1.90 (-0.92)	17	1.75	3.9
Dec.	30 (-15)	43.5 (+4.8)	41.7	44.9	5	0.71 (-1.87)	20	0.27	4.3
Year*	1418 (-118)	48.9 (+0.7)	43.9	49.2	71	24.27 (-4.27)	164	10.15	4.5

(1) Mean of maximum and minimum

(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.

* Mean or total.