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Yields of the Field Experiments 1955

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55/R/E/2 Meteorological Readings - Rothamsted

Rothamsted Research

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55/E/2.1

METEOROLOGICAL RECORDS ROTHAMSTED 1955

(Departure from long period means in brackets)

Month	Total sunshine: hours	Mean temperature: °F			Ground (2) frosts	Total rainfall: in. 1/1000 acre gauge	Rain (3) days	Drain- age through 20 in. soil: in.	Wind: (4) m.p.h.
		Air (1)	Dew point	In ground 1 ft. 4 ft.					
Jan.	34 (-18)	35.2 (-2.1)	32.9	36.8 43.6	23	2.75 (+0.25)	19	2.16	5.5
Feb.	78 (+9)	33.4 (-4.9)	30.7	36.7 42.1	20	2.31 (+0.38)	19	1.08	8.7
Mar.	149 (+32)	36.9 (-4.4)	30.9	36.6 40.0	24	1.45 (-0.46)	10	1.12	6.5
Apr.	173 (+16)	48.4 (+2.6)	41.4	46.7 43.1	10	0.49 (-1.46)	9	-	5.4
May	208 (+12)	49.7 (-2.2)	41.4	50.1 47.0	1	4.62 (+2.47)	16	1.96	6.2
June	153 (-50)	57.0 (-0.3)	49.9	57.6 50.1	0	2.11 (-0.06)	9	0.55	4.8
July	249 (+54)	62.8 (+2.1)	54.4	64.7 55.4	0	0.25 (-2.32)	4	-	4.3
Aug.	191 (+6)	63.9 (+3.7)	57.0	64.8 57.6	0	0.81 (-1.78)	8	-	3.2
Sept.	155 (+9)	57.7 (+1.7)	50.7	58.6 57.6	0	1.88 (-0.50)	14	-	3.3
Oct.	122 (+18)	48.1 (-0.8)	43.1	50.0 54.3	6	3.29 (+0.31)	17	1.66	4.1
Nov.	43 (-20)	43.9 (+1.5)	40.2	44.5 49.8	10	2.07 (-0.76)	18	1.69	3.8
Dec.	51 (+6)	41.2 (+2.6)	38.5	41.3 46.4	14	2.60 (+0.04)	23	1.82	5.8
Year	1606 (+74)	48.2 -	42.6	49.0 48.9	108	24.63 (-3.89)	166	12.04	5.1

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

(4) At 2 metres above ground level.

(1) Mean of maximum and minimum.

(2) Number of nights grass minimum was 30°F or less.

* Mean or total.