

Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1953

[Full Table of Content](#)



53/E/2 Meteorological Readings - Rothamsted

Rothamsted Research

Rothamsted Research (1954) *53/E/2 Meteorological Readings - Rothamsted* ; Yields Of The Field Experiments 1953, pp 108 - 108 - DOI: <https://doi.org/10.23637/ERADOC-1-173>

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)	Dew Point	In Ground 1 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.