

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 1951

[Full Table of Content](#)



## 51/E/2 Meteorological Readings - Rothamsted

### Rothamsted Research

Rothamsted Research (1952) *51/E/2 Meteorological Readings - Rothamsted* ; Yields Of The Field Experiments 1951, pp 95 - 95 - DOI: <https://doi.org/10.23637/ERADOC-1-171>

METEOROLOGICAL RECORDS ROTHAMSTED 1951

(Departure from long period means in brackets)

Month	Total Hours of Sunshine	Mean Temperature (°F.)				In Ground 4 ft	Ground Frosts	Rainfall (in) Total 1/1000 acre Gauge	Rain (3) days	Drainage through 20 in. soil	Wind (4) m. p. h.
		Air (1)	Dew Point	1 ft	4 ft						
Jan.	43 (-10)	38.1 (+0.7)	36.0	37.4	41.3	15	3.49 (+0.97)	21	3.64	5.4	
Feb.	50 (-19)	37.7 (-0.7)	34.4	37.1	40.6	18	4.74 (+2.84)	23	4.18	5.3	
Mar.	92 (-26)	39.1 (-2.2)	34.3	38.7	40.6	15	3.61 (+1.72)	22	2.15	6.3	
Apr.	183 (+28)	43.7 (-2.1)	36.6	43.4	42.5	10	2.85 (+0.90)	18	1.59	6.3	
May	134 (-63)	49.7 (-2.2)	43.8	48.6	45.5	1	2.62 (+0.47)	17	0.54	6.7	
June	250 (+46)	56.5 (-0.8)	48.9	58.4	50.5	0	1.15 (-1.03)	9	-	4.9	
July	193 (-3)	61.6 (+0.9)	53.9	62.7	54.4	0	1.31 (-1.26)	9	-	3.8	
Aug.	156 (-30)	58.7 (-1.5)	52.6	60.0	56.6	0	3.92 (+1.37)	18	1.08	3.4	
Sept.	114 (-33)	57.1 (+1.0)	53.4	57.4	56.6	0	3.47 (+1.11)	13	1.68	3.7	
Oct.	107 (+2)	48.5 (-0.4)	45.6	49.6	54.0	7	1.31 (-1.70)	14	0.35	3.4	
Nov.	60 (-3)	46.5 (+4.1)	44.4	45.9	54.1	4	5.39 (+2.61)	27	4.77	3.4	
Dec.	52 (+7)	41.2 (+2.7)	38.4	40.9	46.6	11	2.12 (-0.47)	17	1.59	5.5	
Year	1434 (-104)	48.2 (-)	43.5	48.3	48.6	81	35.98 (+7.53)	208	21.57	4.8	

(1) Mean of Maximum and Minimum.  
 (2) Number of nights grass min. 30 F. or less.  
 Erratum to 1950 report E/2.1 Under 'Rainfall (in) Total', for '1/400 acre' read '1/1000 acre'.  
 (3) Number of days rainfall was 0.01 in. or more.  
 (4) At 2 metres above ground level.

51/E/2.1