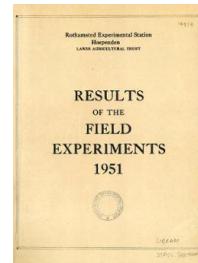


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# **Yields of the Field Experiments 1951**

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## **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 ( $^{\circ}\text{F}.$ )		Rainfall (in.)		Drainage through 20 in. soil	Wind (4) m.p.h.
		Air (1)	Dew Point	Total 1/1000 acre Gauge	Rain (3) days		
		1 ft	4 ft	Ground Frosts	Ground 4 ft		
Jan.	43 (-10)	38.1 (+0.7)	36.0	37.4	41.3	15	3.64
Feb.	50 (-19)	37.7 (-0.7)	34.4	37.1	40.6	18	4.18
Mar.	92 (-26)	39.1 (-2.2)	34.3	38.7	40.6	15	4.18
Apr.	183 (+28)	43.7 (-2.1)	36.6	43.4	42.5	10	2.15
May	134 (-63)	49.7 (-2.2)	43.8	48.6	45.5	1	2.15
June	250 (+46)	56.5 (-0.8)	48.9	58.4	50.5	0	6.3
July	193 (-3)	61.6 (+0.9)	53.9	62.7	54.4	0	1.59
Aug.	156 (-30)	58.7 (-1.5)	52.6	60.0	56.6	0	1.59
Sept.	114 (-33)	57.1 (+1.0)	53.4	57.4	56.6	0	0.54
Oct.	107 (+2)	48.5 (-0.4)	45.6	49.6	54.0	7	0.54
Nov.	60 (-3)	46.5 (+4.1)	44.4	45.9	54.1	4	0.35
Dec.	52 (+7)	41.2 (+2.7)	38.4	40.9	46.6	11	0.35
Year	1434 (-104)	48.2 (-)	43.5	48.3	48.6	81	4.8
						35.98 (+7.53)	208
							21.57

(1) Mean of Maximum and Minimum.  
 (2) Number of nights grass min. 30 F. or less.

(3) Number of days rainfall was 0.01 in. or more.  
 (4) At 2 metres above ground level.  
 Erratum to 1950 report E/2.1 Under 'Rainfall (in) total', for '1/100 acre' read '1/1000 acre'.

51/E/2.1