

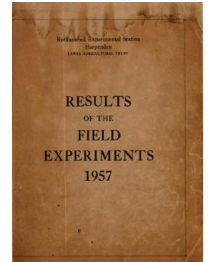
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ROTHAMSTED
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Yields of the Field Experiments 1957

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Miscellaneous Data

Rothamsted Research

Rothamsted Research (1958) *Miscellaneous Data* ; Yields Of The Field Experiments 1957, pp 119 - 120 - DOI: <https://doi.org/10.23637/ERADOC-1-177>

METEOROLOGICAL RECORDS ROTHAMSTED 1957

(Departure from long period means in brackets)

Month	Total sunshine: hours	Mean temperature: °F				In ground 4 ft.	Ground frosts	Total rainfall: in. 1/1000 acre gauge	Rain days (3)	Drainage through 20 in. soil: in.	Wind (4) m.p.h.
		Air (1)	Dew point	1 ft.	4 ft.						
Jan.	54 (+2)	40.9 (+3.6)	38.1	40.7	44.3	9	1.44 (-1.09)	22	0.93	6.4	
Feb.	75 (+6)	41.4 (+3.2)	37.9	41.5	43.9	13	3.17 (+1.25)	20	2.64	5.1	
Mar.	105 (-12)	47.9 (+6.6)	43.4	45.8	44.4	6	1.26 (-0.64)	14	0.27	5.1	
Apr.	159 (+2)	46.9 (+1.1)	39.0	48.1	46.7	4	0.32 (-1.61)	8	0.00	6.2	
May	197 (0)	50.0 (-1.9)	40.5	51.6	48.4	4	1.39 (-0.76)	11	0.00	5.6	
June	288 (+86)	59.7 (+2.4)	49.6	59.0	52.0	0	2.43 (+0.24)	11	0.05	4.5	
July	143 (-52)	61.9 (+1.2)	55.1	62.7	56.5	0	2.64 (+0.10)	17	0.36	4.1	
Aug.	154 (-30)	59.9 (-0.3)	54.0	61.3	57.8	0	2.27 (-0.33)	17	0.64	4.7	
Sept.	112 (-34)	54.7 (-1.3)	49.6	56.5	56.3	0	3.33 (+0.96)	17	1.05	5.4	
Oct.	86 (-18)	50.9 (+2.0)	47.8	52.3	53.8	2	2.51 (-0.46)	15	1.25	3.6	
Nov.	76 (+14)	42.5 (+0.1)	38.5	45.4	50.4	4	2.18 (-0.63)	12	1.74	5.0	
Dec.	53 (+9)	38.6 (-0.1)	35.3	40.1	45.7	14	2.32 (-0.25)	20	1.78	4.9	
Year [‡]	1502 (-27)	49.6 (+1.4)	44.1	50.4	50.0	56	25.26 (-3.22)	184	10.71	5.0	

(1) Mean of maximum and minimum.

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

‡ Mean or total.

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

(4) At 2 metres above ground level.

57/E/1.1

225

57/E/1.2

METEOROLOGICAL RECORDS WOBURN 1957

Month	Total sun-shine: hours	Mean temperature: °F			Total rainfall: in. 8" gauge	Rain ⁽²⁾ days
		Air ⁽¹⁾	In ground 1 ft.	Grass minimum: °F		
January	55.1	41.4	40.1	32.9	1.29	18
February	85.2	42.0	41.2	33.7	2.59	19
March	109.6	48.4	46.2	39.1	1.37	16
April	48.1	47.0	48.7	35.6	0.20	7
May	176.8	50.0	52.3	37.0	1.34	11
June	276.3	59.4	60.8	41.6	2.13	12
July	140.2	62.2	63.1	52.5	2.52	20
August	137.9	59.7	60.4	49.2	3.54	14
September	101.7	55.0	55.5	46.2	2.82	15
October	83.5	51.6	51.3	40.3	1.88	10
November	72.4	42.8	43.8	34.9	1.82	9
December	46.7	38.9	39.3	29.5	2.63	17
Year*	1333.5	49.9	50.2	39.4	24.13	168

(1) Mean of maximum and minimum.

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

*Mean or total.