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Yields of the Field Experiments 1964

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Miscellaneous Data

Rothamsted Research

Rothamsted Research (1965) *Miscellaneous Data* ; Yields Of The Field Experiments 1964, pp 247 - 248 - DOI: <https://doi.org/10.23637/ERADOC-1-160>

64/E/1.1

METEOROLOGICAL RECORDS 1964 - ROTHAMSTED

(Departure from long period means in brackets)

Month	Total sunshine: hours	Mean temperature: °F		In ground 1 ft. 1/4 ft.	Ground(2) frosts	Total rainfall: in. 1/1000 acre gauge	Rain(3) days	Drain- age through 20 in. soil: in. m.p.h.	Wind(4)
		Air(1)	Dew point						
Jan.	43 (-10.3)	35.5 (-1.7)	33.6	37.3	26	0.95 (-1.58)	14	0.71	3.5
Feb.	58 (-11.3)	38.8 (+0.6)	35.4	38.5	19	1.03 (-0.89)	11	0.49	4.8
Mar.	62 (-54.5)	38.3 (-3.1)	34.1	39.9	17	3.30 (+1.40)	14	2.75	6.0
Apr.	101 (-53.4)	46.6 (+0.7)	41.1	45.1	8	3.33 (+1.41)	17	1.82	5.9
May	195 (-0.9)	56.3 (+4.4)	48.7	54.5	1	1.61 (-0.51)	13	0.05	5.1
June	148 (-55.9)	56.9 (-0.4)	50.1	58.8	0	4.02 (+1.83)	15	2.20	3.4
July	189 (-3.9)	61.5 (+0.8)	54.9	62.4	0	1.29 (-1.26)	11	0.01	3.6
Aug.	201 (+19.0)	60.7 (+0.6)	53.2	61.7	2	0.57 (-2.04)	12	-	3.7
Sept.	194 (+49.5)	57.6 (+1.5)	50.3	57.6	2	0.74 (-1.66)	8	-	3.8
Oct.	120 (+16.1)	46.9 (-2.2)	42.7	49.9	10	0.89 (-2.08)	13	-	2.8
Nov.	59 (-2.4)	44.4 (+1.9)	41.8	46.6	11	1.31 (-1.51)	16	0.10	4.5
Dec.	46 (+0.3)	36.7 (-1.9)	33.6	40.4	20	2.21 (-0.40)	17	1.81	5.9
Year	1416(-107.7)	48.3 (0.0)	43.3	49.4	116	21.25 (-7.29)	161	9.94	4.4

(1) Mean of maximum and minimum.

(2) Number of nights grass minimum was below 32° F.

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

(4) At 2 metres above ground level.

64/E/1.2

METEOROLOGICAL RECORDS 1964 - WOBURN

Month	Total sunshine: hours	Mean temperature: F		Grass minimum: F	Total rainfall: in 8 in. gauge	Rain(2) days
		Air(1)	In ground 1 ft.			
January	51	36.0	37.3	27.9	0.80	13
February	58	39.3	38.6	30.2	0.83	12
March	57	38.7	40.2	31.6	3.19	14
April	107	47.1	45.5	37.4	2.53	16
May	202	55.7	55.2	42.6	1.12	12
June	144	57.0	59.3	46.5	3.34	13
July	184	61.4	63.2	47.6	0.92	8
August	203	60.1	62.3	46.0	0.82	12
September	197	57.1	57.8	40.1	1.10	7
October	127	47.1	49.9	33.7	0.91	15
November	65	45.0	46.7	34.4	0.81	10
December	48	37.8	40.3	27.5	1.57	18
Year*	1443	48.5	49.7	37.1	17.94	150

(1) Mean of maximum and minimum

(2) Number of days rainfall was 0.01 inches or more

*Mean or total