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Yields of the Field Experiments 1964

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64/E/1 Meteorological Readings - Rothamsted

Rothamsted Research

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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.	Wind(4) m.p.h.
		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.