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Yields of the Field Experiments 1958

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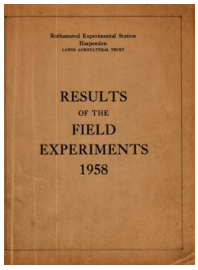

58/E/2 Meteorological Readings - Rothamsted

Rothamsted Research

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58/E/1.1

METEOROLOGICAL RECORDS ROTHAMSTED 1958

(Departure from long period means in brackets)

Month	Total sunshine: hours	Mean temperature: °F Air[1]	Dew point	In ground 1 ft.	In ground 4 ft.	Ground frosts[2]	Total rainfall: in. 1/1000 acre gauge	Rain days[3]	Drainage through 20 in. soil: in.	Wind[4] m.p.h.
Jan.	56 (+4)	37.9 (+0.6)	34.5	38.4	43.3	17	2.84 (+0.33)	16	2.29	5.4
Feb.	50 (-20)	40.2 (+2.0)	36.7	40.2	42.4	11	3.45 (+1.52)	19	2.35	6.2
Mar.	122 (+4)	38.1 (-3.3)	33.3	39.4	42.0	18	1.85 (-0.04)	12	0.76	5.2
Apr.	151 (-6)	44.8 (-1.0)	37.1	44.3	42.8	9	1.26 (-0.66)	9	0.35	5.6
May	193 (-3)	52.4 (+0.5)	45.3	52.9	47.6	2	2.04 (-0.11)	17	0.27	4.7
June	143 (-60)	56.7 (-0.6)	51.1	58.1	51.8	0	4.67 (+2.48)	17	2.49	3.3
July	182 (-12)	60.3 (-0.4)	54.2	61.9	55.9	0	2.03 (-0.51)	18	0.31	3.4
Aug.	123 (-60)	60.2 (0.0)	56.3	61.1	57.5	0	3.55 (+0.95)	20	1.20	2.9
Sept.	135 (-10)	58.9 (+2.9)	55.3	60.2	58.2	0	3.61 (+1.23)	18	1.66	3.6
Oct.	87 (-17)	50.7 (+1.8)	48.1	52.8	55.3	0	2.62 (-0.35)	19	1.71	3.3
Nov.	43 (-19)	42.6 (+0.2)	41.2	46.2	51.4	10	2.46 (-0.34)	17	1.84	2.8
Dec.	38 (-6)	40.0 (+1.3)	38.4	41.6	46.8	11	3.50 (+0.93)	22	3.08	3.4
Year*	1323 (-205)	48.6 (+0.4)	44.3	49.7	49.6	78	33.88 (+5.43)	204	18.31	4.1

(1) Mean of maximum and minimum.
(2) Number of nights grass minimum was 30°F or less.
(3) Number of days rainfall was 0.01 in. or more.
(4) At 2 metres above ground level.

*Mean or total.

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