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Yields of the Field Experiments 1957

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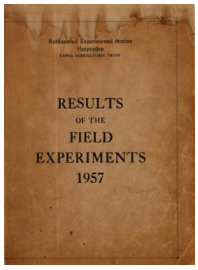

57/E/2 Meteorological Readings - Rothamsted

Rothamsted Research

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METEOROLOGICAL RECORDS ROTHAMSTED 1957

(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.	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.
(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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