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Yields of the Field Experiments 1971

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71/E/1 Meteorological Records 1971 - Rothamsted

Rothamsted Research

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71/E/1

METEOROLOGICAL RECORDS 1971 - ROTHAMSTED

(Departure from long-period means in brackets)

Month	Total sunshine: hours	Mean temperature: °C		Ground(2) frosts	Total rainfall:mm. 0.000405 HA (1/1000 acre) gauge	Rain(3) days	Drain- age through 50.8 cm (20 in.) soil:mm.	Wind(4) miles per hour	
		Air(1)	Dew point						
			In ground 30cm.100cm.						
Jan	30.8 (-21.2)	3.7 (+0.8)	2.3	4.8	6.3	14	86 (+22)	90.4	5.6
Feb	74.6 (+ 6.4)	4.1 (+0.7)	1.6	4.8	6.1	21	27 (-22)	18.5	5.1
Mar	95.5 (-20.5)	4.4 (-0.8)	1.0	5.2	5.8	18	68 (+20)	38.1	6.1
Apr	122.5 (-29.7)	7.3 (-0.4)	3.4	7.5	6.9	13	38 (-11)	13.7	6.6
May	227.6 (+33.6)	11.5 (+0.4)	6.8	11.5	9.3	6	51 (-4)	10.7	4.8
June	131.2 (-71.8)	12.3 (-1.8)	9.0	13.1	11.3	0	105 (+49)	64.5	5.8
July	222.2 (+31.5)	16.8 (+0.9)	12.7	16.2	13.5	0	16 (-49)	TRACE	3.9
Aug	130.1 (-49.5)	15.7 (+0.1)	12.6	16.2	14.5	0	67 (+1)	9.7	4.9
Sept	166.5 (+21.6)	13.9 (+0.5)	11.2	14.3	14.1	1	14 (-47)	TRACE	3.3
Oct	142.6 (+39.8)	11.1 (+1.5)	9.3	11.9	12.7	7	75 (+1)	44.2	4.8
Nov	84.0 (+23.3)	5.3 (-0.5)	3.8	7.7	10.0	17	71 (-1)	45.5	5.6
Dec	25.7 (-19.2)	5.7 (+2.1)	4.3	6.7	8.1	10	20 (-47)	14.0	5.4
Year	1453.3 (-55.7)	9.3 (+0.3)	6.5	10.0	9.9	107	638 (-88)	349.3	5.1

(1) Mean of maximum and minimum

(2) Number of nights grass min. was below 0.0° C

(3) Number of days rainfall was 0.2 mm or more

(4) At 2 metres above ground level.