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Yields of the Field Experiments 1976

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76/E/1 Meteorological Records 1976 - Rothamsted

Rothamsted Research

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76/E/1

METEOROLOGICAL RECORDS 1976 - WOBURN

(Departure from long-period means in brackets)

Month	Total sunshine: hours	Mean temperature:C					Ground(2) frosts	Total rainfall:mm		Wind(4) km per hour
		Air(1)	Dew point	In ground under grass 30 cm	100 cm	12.7 cm gauge		Rain(3) days		
Jan	49 (- 2)	5.3 (+2.1)	3.1	6.3	7.9	11	24 (-30)	11	13.8	
Feb	42 (-24)	4.2 (+0.8)	2.5	4.4	6.4	15	17 (-22)	13	8.2	
Mar	106 (-10)	4.5 (-0.9)	2.1	5.2	6.4	18	19 (-24)	7	9.8	
Apr	143 (+ 1)	7.8 (-0.3)	4.0	7.6	7.3	14	16 (-30)	6	8.3	
May	161 (-23)	12.3 (+1.2)	7.9	12.0	9.4	4	28 (-27)	15	9.2	
June	262 (+62)	17.3 (+3.1)	11.1	16.8	12.3	1	14 (-36)	3	7.0	
July	233 (+53)	18.3 (+2.3)	12.1	19.3	15.4	3	24 (-31)	5	6.3	
Aug	227 (+55)	16.9 (+1.0)	11.5	17.8	15.5	5	7 (-54)	3	5.6	
Sept	105 (-31)	13.5 (-0.1)	10.3	14.3	14.1	4	93 (+40)	14	6.1	
Oct	46 (-57)	10.7 (+0.8)	9.0	12.1	13.4	2	108 (+55)	25	7.1	
Nov	59 (- 1)	5.9 (-0.3)	4.2	7.6	10.6	16	50 (-14)	17	6.8	
Dec	59 (+14)	1.6 (-2.5)	0.3	3.7	7.6	25	98 (+47)	14	6.4	
Year*	1492 (+37)	9.9 (+0.6)	6.5	10.6	10.5	118	498 (-126)	133	7.9	

METEOROLOGICAL RECORDS 1976 - SAXMUNDHAM

Month	Mean temperature: C				Ground(2) frosts	Total rainfall :mm		Wind(4) km per hour
	Air(1)	Dew point	In ground under bare soil 30 cm	12.7 cm gauge		Rain(3) days		
Jan	5.2	3.9	5.3	10	1.39	10	15.9	
Feb	4.3	3.3	3.8	16	0.87	8	9.8	
Mar	4.6	2.2	4.7	15	0.60	8	12.4	
Apr	7.8	3.9	8.7	9	0.46	6	11.5	
May	12.5	7.8	12.5	3	0.85	9	10.3	
June	16.9	12.2	17.8	2	0.36	3	7.6	
July	18.1	13.9	19.7	0	2.54	6	8.2	
Aug	17.1	14.4	19.0	0	2.06	7	8.6	
Sept	14.0	12.2	14.4	0	5.04	18	8.4	
Oct	11.3	10.6	12.4	1	4.30	19	10.5	
Nov	6.9	5.5	7.7	12	2.76	16	10.0	
Dec	2.7	1.7	3.9	16	1.82	13	11.2	
Year*	10.1	7.6	10.8	84	1.92	123	10.4	

(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

*Mean or total