

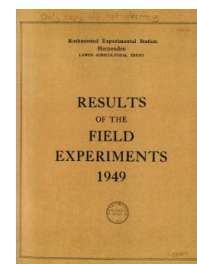
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# Yields of the Field Experiments 1949

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## 49/Z/2 Meteorological Readings

*49/Z/2 Meteorological Readings*, Rothamsted Research (1950) Yields Of The Field Experiments 1949, pp 99 - 99

METEOROLOGICAL RECORDS, 1949

(Departure from Long period means in brackets)

Month	Total Hours of Sunshine	Mean Temperature (°F)			Ground Frosts (2)	Rainfall (in)		Drainage through 20 in. Soil	Wind (4) m.p.h
		Air (1)	1 ft	4 ft		Total 1/1000 acre Gauge	Rain (3) Days		
Jan.	55 (+3)	40.3 (+3.0)	39.6	43.9	14	1.56 (-0.99)	1.42	5.6	
Feb.	116 (+47)	40.7 (+2.4)	38.6	42.2	17	1.36 (-0.52)	0.85	5.3	
Mar.	105 (-13)	39.7 (-1.6)	39.5	42.2	17	1.41 (-0.50)	0.50	6.5	
Apr.	139 (+34)	49.5 (+3.8)	48.5	45.3	4	1.94 (-0.01)	0.38	6.3	
May	206 (+8)	50.7 (-1.2)	52.6	48.9	4	2.05 (-0.10)	0.34	4.5	
June	224 (+21)	58.1 (+0.8)	60.0	52.7	0	0.64 (-1.56)	-	3.6	
July	226 (+30)	63.4 (+2.7)	65.9	57.1	0	1.13 (-1.43)	-	3.8	
Aug.	221 (+35)	62.6 (+2.4)	63.8	59.0	0	1.73 (-0.82)	-	3.9	
Sept.	155 (+8)	62.5 (+6.5)	62.7	59.5	0	0.53 (-1.84)	-	4.0	
Oct.	126 (+21)	53.0 (+4.2)	54.4	57.5	4	6.14 (+3.14)	4.35	3.5	
Nov.	77 (+15)	42.7 (+0.3)	42.8	50.4	11	2.96 (+0.21)	2.51	4.7	
Dec.	57 (+13)	41.3 (+2.7)	41.2	46.1	11	1.52 (-1.09)	1.04	6.1	
Year	1758 (+223)	50.4 (+2.2)	50.8	50.4	82	22.97 (-5.50)	11.39	4.8	

49/7/2

- (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.