

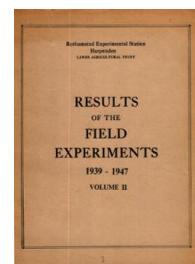
Thank you for using eradoc, a platform to publish electronic copies of the Rothamsted Documents. Your requested document has been scanned from original documents. If you find this document is not readable, or you suspect there are some problems, please let us know and we will correct that.



ROTHAMSTED
RESEARCH

Yields of the Field Experiments 1939-1947 Volume 2

[Full Table of Content](#)



Z/2 Meteorological Records - Woburn

Rothamsted Research

Rothamsted Research (1948) *Z/2 Meteorological Records - Woburn* ; Yields Of The Field Experiments 1939-1947 Volume 2, pp 191 - 193 - DOI: <https://doi.org/10.23637/ERADOC-1-186>

Z/2.1

METEOROLOGICAL RECORDS

Woburn, 1939-47

	Total hours of sunshine	Mean Temperature (°F)			Ground frosts	Rainfall total (in.)	Rain days
		Air	Grass minimum	1 foot in ground			
1939							
Jan.	42.2	39.2	32.5	39.0	6	4.26	22
Feb.	106.2	41.6	33.0	40.2	11	0.72	10
Mar.	94.0	41.8	33.9	41.9	7	1.74	15
Apr.	176.7	47.0	34.4	48.7	10	3.41	19
May	172.6	51.0	38.8	53.8	2	1.26	7
June	217.6	56.4	43.9	61.6	0	2.92	14
July	160.5	60.0	49.8	62.5	0	2.28	23
Aug.	153.1	60.9	50.0	62.6	0	3.43	14
Sept.	130.8	57.4	45.8	60.1	1	0.54	9
Oct.	94.9	46.2	34.3	48.5	8	3.83	20
Nov.	40.6	47.2	37.8	46.0	3	3.59	21
Dec.	40.8	36.0	28.5	39.1	16	1.91	14
Year	1430.0	48.7	38.6	50.3	64	29.89	188
1940							
Jan.	65.9	27.3	19.2	31.8	27	2.14	10
Feb.	24.7	34.9	28.2	34.2	12	1.83	18
Mar.	135.8	42.6	31.7	41.5	14	2.93	15
Apr.	122.4	47.4	34.9	47.4	9	2.46	16
May	227.0	53.8	38.1	57.3	5	1.57	12
June	258.1	59.8	44.5	64.3	0	1.22	7
July	180.7	58.6	45.7	62.2	0	3.14	18
Aug.	191.1	59.8	44.2	64.2	1	0.11	2
Sept.	170.0	54.8	37.9	57.5	5	0.96	9
Oct.	96.3	47.8	35.4	48.7	10	2.67	13
Nov.	83.1	43.5	34.1	43.3	8	7.16	20
Dec.	39.2	37.4	28.9	37.6	10	1.41	16
Year	1594.3	47.3	35.2	49.2	101	27.60	156
1941							
Jan.	33.4	32.0	26.5	34.6	20	2.78	24
Feb.	66.9	37.9	29.4	37.8	18	2.06	18
Mar.	104.0	40.1	29.7	40.5	16	3.21	13
Apr.	98.0	43.1	32.8	44.1	10	1.67	11
May	133.3	47.2	35.2	50.4	12	2.03	11
June	220.0	59.0	46.8	61.3	0	1.52	8
July	227.6	63.5	49.4	67.7	0	2.56	18
Aug.	176.1	58.1	47.8	59.0	0	3.78	24
Sept.	109.1	57.1	44.5	59.1	1	0.70	6
Oct.	119.3	49.7	39.1	50.7	7	1.67	14
Nov.	40.4	43.2	35.0	43.1	7	2.32	17
Dec.	36.8	40.9	32.3	41.5	10	1.22	10
Year	1364.9	47.6	37.4	49.1	101	25.52	174

Z/2.2

Meteorological Records - Woburn

	Total hours of sunshine	Mean Temperature (°F)			Ground frosts	Rainfall total (in.)	Rain days
		Air	Grass minimum	1 foot in ground			
1942							
Jan.	36.0	31.6	25.3	34.3	23	2.32	13
Feb.	46.0	31.3	24.3	33.1	25	0.79	10
Mar.	73.5	40.6	31.5	39.8	17	1.33	13
Apr.	233.0	47.8	35.1	48.3	5	1.19	7
May	227.3	51.9	41.3	54.8	4	2.53	14
June	232.5	58.2	44.5	63.0	0	0.28	3
July	175.4	60.2	51.0	62.9	0	2.46	15
Aug.	139.1	61.8	51.0	53.0	0	1.37	16
Sept.	140.3	56.9	45.3	58.7	0	0.88	13
Oct.	98.8	51.0	41.5	51.3	1	2.27	15
Nov.	63.2	40.4	31.8	42.0	12	1.80	12
Dec.	51.4	43.6	36.0	42.9	5	2.27	19
Year	1516.5	47.9	38.2	50.3	92	19.49	150
1943							
Jan.	47.3	40.4	32.5	39.3	9	3.87	22
Feb.	74.5	41.7	32.7	40.5	7	0.84	11
Mar.	134.7	42.7	29.3	42.6	20	0.83	6
Apr.	158.7	50.2	38.0	50.9	4	1.36	12
May	250.1	53.8	38.9	56.1	1	2.20	10
June	221.3	57.7	45.5	61.9	0	1.74	11
July	205.7	61.4	47.5	65.2	0	0.65	10
Aug.	177.4	61.6	48.8	63.8	0	1.76	14
Sept.	153.7	56.0	43.0	57.6	3	1.35	9
Oct.	105.9	50.7	39.1	50.9	1	2.25	13
Nov.	74.1	41.8	32.1	42.3	13	1.14	17
Dec.	49.8	37.0	28.4	37.5	20	1.10	10
Year	1653.2	49.6	38.0	50.7	78	19.09	145
1944							
Jan.	50.4	42.1	33.2	40.7	8	1.34	13
Feb.	51.4	37.2	29.2	38.1	16	1.09	17
Mar.	116.6	40.6	28.6	40.3	20	0.20	9
Apr.	143.6	50.1	39.0	50.1	0	2.52	10
May	223.5	52.3	39.5	55.9	3	1.94	9
June	170.7	56.4	45.7	60.6	0	1.59	17
July	126.3	61.9	53.0	63.2	0	2.00	13
Aug.	193.8	63.2	52.9	65.6	0	2.20	11
Sept.	146.3	54.4	42.9	55.6	1	1.99	14
Oct.	90.7	48.6	38.5	49.1	2	3.15	20
Nov.	55.0	42.8	33.2	42.6	13	3.33	21
Dec.	57.1	37.1	29.0	38.3	16	0.98	10
Year	1425.4	48.9	38.7	50.0	79	22.33	164

Z/2.3

	Total hours of sunshine	Mean Temperature (°F)			Ground frosts	Rainfall total (in.)	Rain days
		Air	Grass minimum	1 foot in ground			
1945							
Jan.	41.8	31.5	24.3	33.8	24	1.75	17
Feb.	79.1	44.8	35.2	42.2	6	1.52	13
Mar.	150.2	46.0	33.5	45.4	8	0.80	10
Apr.	180.3	49.6	36.1	52.9	7	0.78	12
May	183.1	54.8	44.0	56.6	3	1.85	15
June	204.2	58.0	47.5	61.5	0	2.21	16
July	190.1	62.2	51.0	64.6	0	1.95	9
Aug.	148.3	60.1	49.4	62.5	0	1.30	15
Sept.	69.3	57.9	49.4	58.2	0	2.04	15
Oct.	114.4	52.9	41.1	53.0	2	2.65	10
Nov.	34.6	44.4	37.9	46.2	4	0.49	8
Dec.	49.2	40.0	32.1	40.8	12	3.31	18
Year	1445.6	50.2	40.1	51.5	66	20.65	158
1946							
Jan.	56.5	37.0	28.9	37.1	19	1.47	9
Feb.	74.6	42.5	35.2	41.7	6	1.98	17
Mar.	98.9	40.3	31.0	39.8	12	1.32	9
Apr.	202.8	49.2	35.9	50.9	8	1.23	10
May	166.3	50.2	37.5	53.2	4	2.07	14
June	163.4	55.8	45.9	58.0	0	3.57	20
July	223.5	61.8	49.1	64.7	0	1.44	10
Aug.	161.1	58.8	46.8	60.7	0	3.38	20
Sept.	121.0	57.2	46.9	57.0	0	2.66	18
Oct.	88.6	48.8	39.3	51.2	7	1.65	11
Nov.	40.2	46.1	38.5	45.7	2	4.89	21
Dec.	63.9	35.6	26.6	36.9	19	2.08	19
Year	1460.3	48.6	38.5	49.7	77	28.24	178
1947							
Jan.	65.7	34.0	26.9	36.1	21	1.61	15
Feb.	32.6	26.6	23.5	32.4	26	1.61	12
Mar.	76.1	38.2	31.0	36.7	12	4.72	25
Apr.	160.8	47.2	35.4	47.0	6	1.70	13
May	192.3	56.2	42.7	56.0	0	1.01	14
June	195.4	60.0	45.7	63.6	0	1.46	17
July	163.1	63.4	51.5	65.5	0	1.15	11
Aug.	267.2	64.9	45.5	69.9	0	0.04	2
Sept.	159.4	59.2	44.6	61.5	2	1.02	12
Oct.	120.0	49.8	35.3	51.1	9	0.23	7
Nov.	81.8	44.5	35.4	44.3	10	1.32	16
Dec.	32.0	40.9	33.7	40.4	8	2.60	18
Year	1546.4	48.7	37.6	50.4	94	18.47	162