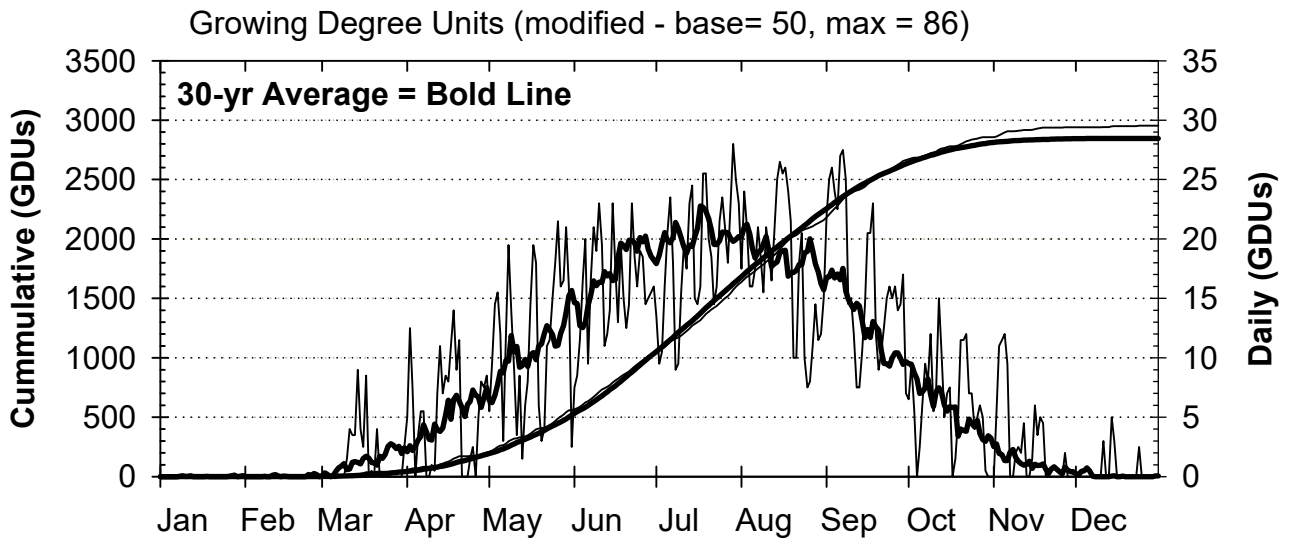
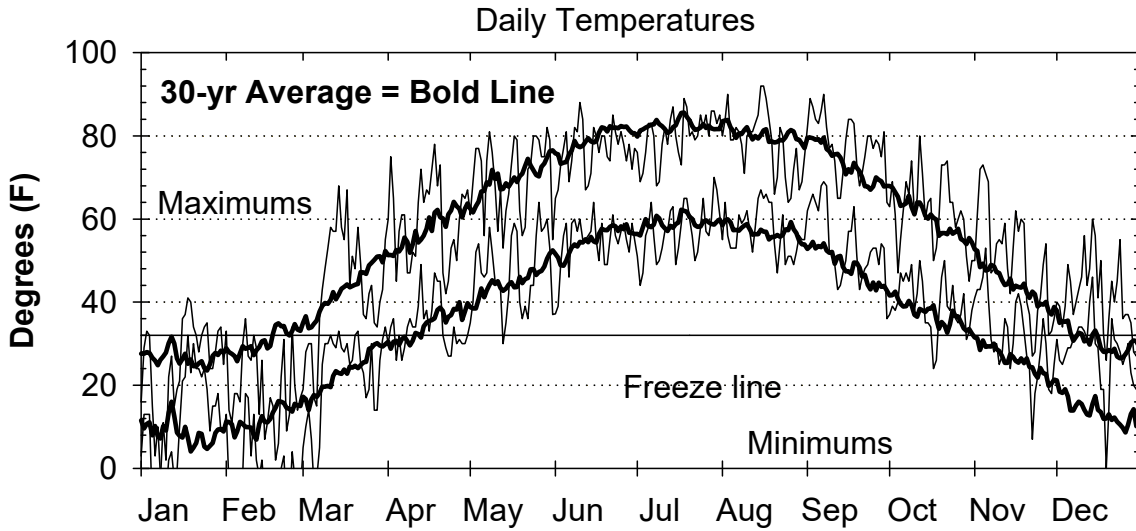
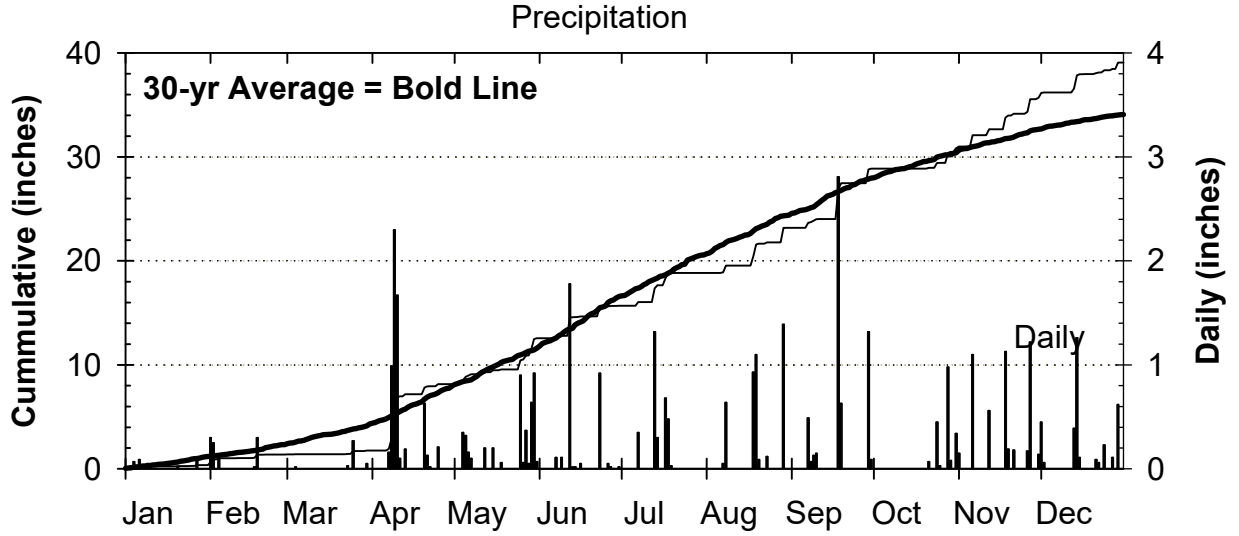


2015 Weather Summary for Arlington, WI



Source: Bill Bland (AWON, UW-Soils) and the Midwest Region Climatological Center.

Table A-1. Daily Precipitation, Solar Radiation, Soil and Air Temperatures and Growing Degree Units at the Arlington Research Station.

Day of year		Precipitation		Daily Solar Radiation W m-2	Soil Temperature at 2 inches		Air Temperature		Growing Degree Units (86/50 oF)	
		Daily	Total		Max	Min	Max	Min	Daily	Total
		inches			oF		oF			
91	1-Apr	0.00	1.8	234	79	30	60	30	5	49
92	2-Apr	0.00	1.8	176	86	35	75	34	13	61
93	3-Apr	0.00	1.8	181	79	27	65	36	8	69
94	4-Apr	0.00	1.8	221	85	25	45	26	0	69
95	5-Apr	0.00	1.8	215	95	30	57	32	4	72
96	6-Apr	0.00	1.8	231	91	27	61	26	6	78
97	7-Apr	0.16	1.9	69	58	35	61	29	6	83
98	8-Apr	0.99	2.9	49	51	37	47	34	0	83
99	9-Apr	2.30	5.2	59	67	38	47	36	0	83
100	10-Apr	1.67	6.9	151	82	34	52	34	1	84
101	11-Apr	0.10	7.0	274	89	31	51	34	1	85
102	12-Apr	0.00	7.0	236	80	35	64	39	7	92
103	13-Apr	0.19	7.2	252	83	44	72	49	11	103
104	14-Apr	0.00	7.2	261	67	38	64	36	7	110
105	15-Apr	0.00	7.2	263	66	41	67	38	9	118
106	16-Apr	0.00	7.2	277	74	40	66	33	8	126
107	17-Apr	0.00	7.2	241	77	47	72	38	11	137
108	18-Apr	0.00	7.2	276	74	49	78	47	14	151
109	19-Apr	0.00	7.2	223	75	49	68	45	9	160
110	20-Apr	0.63	7.8	72	55	42	73	45	12	172
111	21-Apr	0.13	7.9	86	46	38	47	32	0	172
112	22-Apr	0.02	8.0	114	47	36	42	29	0	172
113	23-Apr	0.00	8.0	303	60	35	45	27	0	172
114	24-Apr	0.00	8.0	125	50	35	53	27	2	173
115	25-Apr	0.21	8.2	91	48	37	55	34	3	176
116	26-Apr	0.00	8.2	304	63	35	50	30	0	176
117	27-Apr	0.00	8.2	303	68	37	60	31	5	181
118	28-Apr	0.00	8.2	298	72	39	66	30	8	189
119	29-Apr	0.00	8.2	200	71	44	65	30	8	196
120	30-Apr	0.00	8.2	314	71	41	67	32	9	205
121	1-May	0.00	8.2	248	74	43	61	35	6	210
122	2-May	0.00	8.2	271	79	53	69	40	10	220
123	3-May	0.00	8.2	253	78	53	77	52	15	234
124	4-May	0.35	8.5	247	78	57	77	54	16	250
125	5-May	0.32	8.8	61	59	54	74	47	12	262
126	6-May	0.16	9.0	183	73	52	56	46	3	265
127	7-May	0.10	9.1	272	73	55	74	47	12	277
128	8-May	0.00	9.1	186	76	59	81	58	20	296
129	9-May	0.00	9.1	224	79	59	76	52	14	310
130	10-May	0.00	9.1	87	62	55	68	45	9	319
131	11-May	0.00	9.1	145	69	52	57	45	4	323
132	12-May	0.20	9.3	124	57	44	67	43	9	331
133	13-May	0.00	9.3	318	74	39	53	30	2	333
134	14-May	0.00	9.3	150	65	46	62	35	6	339
135	15-May	0.20	9.5	178	74	54	66	42	8	347
136	16-May	0.00	9.5	225	81	60	73	56	15	361
137	17-May	0.00	9.5	151	77	64	80	59	20	381
138	18-May	0.06	9.6	301	79	57	79	57	18	399
139	19-May	0.00	9.6	262	74	53	62	40	6	405
140	20-May	0.00	9.6	113	61	50	56	36	3	408
141	21-May	0.00	9.6	313	80	46	58	39	4	412
142	22-May	0.00	9.6	322	85	50	72	36	11	423
143	23-May	0.00	9.6	321	86	53	73	44	12	434
144	24-May	0.00	9.6	48	64	59	80	44	15	449
145	25-May	0.90	10.5	215	76	59	80	56	18	467

Table A-1. Daily Precipitation, Solar Radiation, Soil and Air Temperatures and Growing Degree Units at the Arlington Research Station.

Day of year	Precipitation		Daily Solar Radiation W m-2	Soil Temperature at 2 inches		Air Temperature		Growing Degree Units (86/50 oF)	
	Daily	Total		Max	Min	Max	Min	Daily	Total
	inches			oF		oF			
146 26-May	0.06	10.5	106	74	62	79	64	22	489
147 27-May	0.37	10.9	232	80	61	75	57	16	505
148 28-May	0.05	10.9	299	80	59	75	58	17	521
149 29-May	0.64	11.6	133	77	64	82	60	21	542
150 30-May	0.92	12.5	81	68	52	79	53	16	558
151 31-May	0.07	12.6	337	72	46	55	37	3	561
152 1-Jun	0.00	12.6	346	74	47	65	37	7	568
153 2-Jun	0.00	12.6	333	81	47	67	39	9	576
154 3-Jun	0.00	12.6	289	80	55	73	49	12	588
155 4-Jun	0.00	12.6	274	86	64	77	56	17	604
156 5-Jun	0.00	12.6	145	75	60	81	59	20	624
157 6-Jun	0.00	12.6	308	85	55	69	46	10	634
158 7-Jun	0.11	12.7	168	79	65	74	59	17	650
159 8-Jun	0.00	12.7	277	87	62	82	60	21	671
160 9-Jun	0.11	12.8	284	89	60	81	57	19	690
161 10-Jun	0.00	12.8	322	95	69	88	60	23	713
162 11-Jun	0.00	12.8	51	71	62	84	55	20	733
163 12-Jun	1.78	14.6	108	71	61	67	55	11	744
164 13-Jun	0.02	14.6	67	71	62	68	56	12	756
165 14-Jun	0.02	14.6	213	84	66	71	57	14	770
166 15-Jun	0.01	14.6	127	82	67	82	64	23	793
167 16-Jun	0.05	14.7	330	86	61	80	55	18	810
168 17-Jun	0.00	14.7	284	84	60	76	50	13	823
169 18-Jun	0.00	14.7	277	87	68	80	59	20	843
170 19-Jun	0.00	14.7	335	91	61	80	49	15	858
171 20-Jun	0.00	14.7	130	77	62	75	49	13	870
172 21-Jun	0.01	14.7	308	92	62	74	55	15	885
173 22-Jun	0.00	14.7	148	80	68	85	61	23	908
174 23-Jun	0.92	15.6	331	90	62	81	56	19	926
175 24-Jun	0.00	15.6	263	93	62	78	54	16	942
176 25-Jun	0.00	15.6	138	86	70	81	57	19	961
177 26-Jun	0.05	15.6	157	79	65	78	59	19	980
178 27-Jun	0.02	15.7	313	92	62	74	55	15	994
179 28-Jun	0.00	15.7	132	78	62	78	52	15	1009
180 29-Jun	0.01	15.7	218	89	65	72	59	16	1025
181 30-Jun	0.02	15.7	229	89	64	77	55	16	1041
182 1-Jul	0.00	15.7	257	86	64	76	51	14	1054
183 2-Jul	0.00	15.7	273	89	58	69	44	10	1064
184 3-Jul	0.00	15.7	273	90	60	71	47	11	1074
185 4-Jul	0.00	15.7	259	93	63	76	56	16	1090
186 5-Jul	0.00	15.7	234	93	66	83	58	21	1111
187 6-Jul	0.00	15.7	107	80	69	83	64	24	1134
188 7-Jul	0.35	16.0	221	80	65	80	56	18	1152
189 8-Jul	0.00	16.0	243	86	60	68	49	9	1161
190 9-Jul	0.00	16.0	257	93	62	69	50	10	1171
191 10-Jul	0.00	16.0	250	95	65	78	53	16	1186
192 11-Jul	0.00	16.0	184	88	68	82	57	20	1206
193 12-Jul	0.00	16.0	262	98	68	78	57	18	1223
194 13-Jul	1.32	17.4	212	91	72	84	62	23	1246
195 14-Jul	0.30	17.7	180	83	69	87	63	25	1271
196 15-Jul	0.00	17.7	286	92	61	80	49	15	1286
197 16-Jul	0.00	17.7	102	76	65	76	53	15	1300
198 17-Jul	0.68	18.3	292	94	70	73	59	16	1316
199 18-Jul	0.48	18.8	221	91	73	89	65	26	1342
200 19-Jul	0.03	18.9	298	92	72	87	65	26	1367

Table A-1. Daily Precipitation, Solar Radiation, Soil and Air Temperatures and Growing Degree Units at the Arlington Research Station.

Day of year		<u>Precipitation</u>		Daily Solar Radiation	<u>Soil Temperature</u> at 2 inches		<u>Air</u> Temperature		<u>Growing Degree</u> Units (86/50 oF)	
		Daily	Total		Max	Min	Max	Min	Daily	Total
		inches		W m-2	oF		oF			
201	20-Jul	0.00	18.9	201	89	68	80	60	20	1387
202	21-Jul	0.00	18.9	301	94	65	81	56	19	1406
203	22-Jul	0.00	18.9	262	94	66	79	50	15	1420
204	23-Jul	0.00	18.9	303	101	68	80	52	16	1436
205	24-Jul	0.00	18.9	214	91	70	85	58	22	1458
206	25-Jul	0.00	18.9	272	102	74	82	65	24	1481
207	26-Jul	0.00	18.9	171	90	71	85	57	21	1502
208	27-Jul	0.00	18.9	266	99	69	80	56	18	1520
209	28-Jul	0.00	18.9	211	93	72	86	60	23	1543
210	29-Jul	0.00	18.9	295	98	75	86	70	28	1571
211	30-Jul	0.00	18.9	303	98	71	83	67	25	1596
212	31-Jul	0.00	18.9	305	97	72	85	61	23	1619
213	1-Aug	0.00	18.9	267	99	69	80	55	18	1637
214	2-Aug	0.00	18.9	265	99	75	84	64	24	1661
215	3-Aug	0.00	18.9	302	97	70	90	56	21	1682
216	4-Aug	0.00	18.9	293	97	68	79	53	16	1698
217	5-Aug	0.00	18.9	241	97	68	79	53	16	1714
218	6-Aug	0.00	18.9	246	97	69	82	53	18	1731
219	7-Aug	0.05	18.9	121	82	71	81	61	21	1752
220	8-Aug	0.64	19.5	68	76	68	78	59	19	1771
221	9-Aug	0.00	19.5	175	89	67	71	60	16	1786
222	10-Aug	0.00	19.5	241	95	72	80	62	21	1807
223	11-Aug	0.00	19.5	275	97	68	81	57	19	1826
224	12-Aug	0.00	19.5	263	99	67	81	52	17	1843
225	13-Aug	0.00	19.5	193	94	72	83	58	21	1863
226	14-Aug	0.00	19.5	238	102	75	85	65	25	1888
227	15-Aug	0.00	19.5	263	105	75	92	67	27	1915
228	16-Aug	0.00	19.5	253	100	75	92	65	26	1940
229	17-Aug	0.00	19.5	123	92	75	89	66	26	1966
230	18-Aug	0.93	20.5	124	86	72	84	64	24	1990
231	19-Aug	1.10	21.6	110	74	66	79	64	22	2012
232	20-Aug	0.09	21.7	178	76	61	66	54	10	2022
233	21-Aug	0.00	21.7	253	85	58	70	47	10	2032
234	22-Aug	0.00	21.7	269	91	64	82	54	18	2050
235	23-Aug	0.12	21.8	181	77	63	80	61	21	2070
236	24-Aug	0.01	21.8	152	73	58	70	49	10	2080
237	25-Aug	0.00	21.8	128	78	61	64	51	8	2088
238	26-Aug	0.00	21.8	157	84	63	65	51	8	2096
239	27-Aug	0.00	21.8	222	87	58	72	49	11	2107
240	28-Aug	0.00	21.8	49	71	62	77	52	15	2121
241	29-Aug	1.39	23.2	73	74	64	67	56	12	2133
242	30-Aug	0.00	23.2	188	82	64	69	55	12	2145
243	31-Aug	0.00	23.2	173	85	64	75	55	15	2160
244	1-Sep	0.00	23.2	222	88	67	82	62	22	2182
245	2-Sep	0.00	23.2	198	88	70	89	64	25	2207
246	3-Sep	0.00	23.2	215	96	71	87	66	26	2233
247	4-Sep	0.00	23.2	200	96	74	84	64	24	2257
248	5-Sep	0.00	23.2	182	93	72	83	62	23	2279
249	6-Sep	0.00	23.2	214	98	74	86	68	27	2306
250	7-Sep	0.49	23.7	111	89	76	90	69	28	2334
251	8-Sep	0.07	23.7	106	84	71	82	68	25	2359
252	9-Sep	0.13	23.9	237	85	64	77	52	15	2373
253	10-Sep	0.15	24.0	179	90	67	78	52	15	2388
254	11-Sep	0.01	24.0	167	80	63	74	49	12	2400
255	12-Sep	0.00	24.0	217	83	57	65	43	8	2408

Table A-1. Daily Precipitation, Solar Radiation, Soil and Air Temperatures and Growing Degree Units at the Arlington Research Station.

Day of year	<u>Precipitation</u>		Daily Solar Radiation	<u>Soil Temperature at 2 inches</u>		<u>Air Temperature</u>		<u>Growing Degree Units (86/50 oF)</u>		
	Daily	Total		Max	Min	Max	Min	Daily	Total	
	inches		W m-2	oF		oF				
256	13-Sep	0.00	24.0	231	83	55	65	44	8	2415
257	14-Sep	0.00	24.0	221	85	58	71	47	11	2426
258	15-Sep	0.00	24.0	216	89	67	79	50	15	2440
259	16-Sep	0.00	24.0	214	89	67	84	57	21	2461
260	17-Sep	0.00	24.0	117	83	69	84	57	21	2481
261	18-Sep	2.81	26.8	110	86	69	83	63	23	2504
262	19-Sep	0.63	27.5	220	85	63	73	51	12	2516
263	20-Sep	0.00	27.5	217	79	56	68	43	9	2525
264	21-Sep	0.00	27.5	220	77	56	71	46	11	2536
265	22-Sep	0.00	27.5	160	79	56	75	48	13	2548
266	23-Sep	0.00	27.5	168	82	59	80	49	15	2563
267	24-Sep	0.00	27.5	133	79	60	80	52	16	2579
268	25-Sep	0.00	27.5	198	85	61	77	53	15	2594
269	26-Sep	0.00	27.5	165	84	62	79	53	16	2610
270	27-Sep	0.00	27.5	122	79	61	78	49	14	2624
271	28-Sep	0.00	27.5	160	83	61	75	54	15	2639
272	29-Sep	1.32	28.8	152	76	56	81	53	17	2656
273	30-Sep	0.09	28.9	192	70	49	64	36	7	2663
274	1-Oct	0.00	28.9	203	67	47	63	37	7	2669
275	2-Oct	0.00	28.9	189	67	48	69	39	10	2679
276	3-Oct	0.00	28.9	172	65	45	61	38	6	2684
277	4-Oct	0.00	28.9	55	59	52	47	40	0	2684
278	5-Oct	0.00	28.9	60	65	54	55	47	3	2687
279	6-Oct	0.00	28.9	123	72	54	62	45	6	2693
280	7-Oct	0.00	28.9	176	75	53	69	47	10	2702
281	8-Oct	0.00	28.9	93	71	55	66	45	8	2710
282	9-Oct	0.00	28.9	105	70	51	74	49	12	2722
283	10-Oct	0.00	28.9	169	67	45	61	38	6	2728
284	11-Oct	0.00	28.9	171	76	52	65	42	8	2735
285	12-Oct	0.00	28.9	114	74	56	80	50	15	2750
286	13-Oct	0.00	28.9	113	68	50	71	45	11	2761
287	14-Oct	0.00	28.9	173	69	44	60	35	5	2766
288	15-Oct	0.00	28.9	138	67	48	64	35	7	2773
289	16-Oct	0.00	28.9	166	64	41	65	34	8	2780
290	17-Oct	0.00	28.9	168	59	37	50	24	0	2780
291	18-Oct	0.00	28.9	164	63	36	53	26	2	2782
292	19-Oct	0.00	28.9	118	64	45	60	37	5	2787
293	20-Oct	0.00	28.9	119	71	50	73	46	12	2798
294	21-Oct	0.07	29.0	93	67	52	73	50	12	2810
295	22-Oct	0.00	29.0	158	68	46	74	39	12	2822
296	23-Oct	0.00	29.0	37	57	49	64	38	7	2829
297	24-Oct	0.45	29.4	27	59	45	64	44	7	2836
298	25-Oct	0.03	29.4	142	63	39	58	36	4	2840
299	26-Oct	0.00	29.4	139	62	42	60	35	5	2845
300	27-Oct	0.00	29.4	79	57	45	62	37	6	2851
301	28-Oct	0.98	30.4	33	54	42	60	42	5	2856
302	29-Oct	0.08	30.5	30	46	40	51	31	1	2856
303	30-Oct	0.01	30.5	57	52	38	45	33	0	2856
304	31-Oct	0.34	30.8	13	49	45	50	38	0	2856

Table A-2. Monthly and total precipitation (inches) data for the Arlington Research Station.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Annual
1986	1.2	1.0	1.5	2.7	2.1	4.2	4.6	4.9	10.7	1.9	1.3	0.5	36.7
1987	0.5	0.0	1.9	2.6	4.7	0.6	4.0	4.9	4.9	1.6	4.9	1.4	32.2
1988	2.1	1.0	1.3	3.3	1.0	1.5	1.6	2.9	3.9	2.2	1.5	1.2	23.4
1989	0.7	0.9	1.5	1.4	1.8	2.0	3.8	4.3	3.8	2.4	1.3	0.5	24.3
1990	1.8	0.9	3.7	2.5	4.3	6.3	1.6	5.4	1.2	2.3	1.7	2.4	34.2
1991	1.0	0.4	3.0	4.5	1.9	2.6	3.8	1.8	4.7	6.8	3.6	1.4	35.4
1992	0.5	1.6	1.7	4.0	1.2	1.2	5.8	1.9	7.5	1.3	5.2	2.8	34.6
1993	1.6	1.0	2.3	7.1	4.5	6.1	9.4	3.2	4.2	1.2	1.6	0.2	42.3
1994	0.9	2.0	0.1	2.3	2.0	7.9	6.1	4.0	4.7	0.5	2.8	0.8	34.0
1995	1.3	0.1	2.2	3.4	6.0	2.2	2.8	5.0	1.8	4.2	2.4	0.7	31.9
1996	1.8	0.5	0.3	2.6	3.2	7.8	2.4	2.8	0.9	3.3	0.8	1.6	28.0
1997	0.7	2.8	2.2	2.0	3.3	4.9	6.3	3.2	1.6	1.4	1.0	0.8	30.0
1998	1.2	0.9	3.3	4.0	4.1	6.8	2.1	6.7	3.0	3.4	1.6	0.3	37.4
1999	2.8	1.2	0.6	6.0	3.9	5.3	3.4	2.5	1.4	1.4	1.3	1.0	30.9
2000	1.0	2.3	1.4	3.4	10.5	7.2	3.4	3.3	3.1	0.7	1.5	1.5	39.3
2001	0.8	1.4	0.4	3.1	4.7	7.0	2.9	5.3	5.2	1.7	1.7	1.4	35.8
2002	0.5	1.1	0.8	3.4	3.2	4.3	2.9	3.7	1.9	4.0	2.1	0.6	28.7
2003	0.4	0.2	1.4	2.2	3.8	3.3	3.3	1.8	4.0	1.3	5.3	1.9	28.9
2004	0.3	1.2	2.7	1.9	10.3	4.1	4.3	3.0	0.5	3.3	1.6	1.6	34.8
2005	1.5	1.2	1.8	0.8	3.4	1.5	4.4	3.1	4.7	0.6	3.8	1.0	27.6
2006	1.6	0.6	2.1	5.1	4.3	4.5	4.1	6.1	5.4	3.2	1.7	0.9	39.6
2007	0.5	1.5	3.2	3.3	1.2	3.3	2.9	11.3	2.8	2.3	0.5	3.3	36.3
2008	2.9	2.6	2.8	9.3	3.3	13.8	5.1	1.9	1.6	3.4	1.3	1.8	49.8
2009	0.4	1.7	4.8	4.3	3.6	4.3	2.3	3.2	2.4	4.6	1.3	2.8	35.5
2010	1.7	1.1	1.0	3.7	4.2	7.6	9.3	4.7	4.5	1.7	1.4	1.7	42.5
2011	0.6	0.7	3.4	3.5	1.6	4.1	2.5	1.5	3.9	1.6	3.3	2.4	28.9
2012	0.8	1.0	2.5	3.1	2.9	0.3	4.3	2.9	1.0	4.0	1.1	2.5	26.3
2013	2.3	1.9	2.4	5.4	6.0	7.5	3.0	1.8	3.0	1.5	2.6	1.1	38.5
2014	0.7	1.0	1.0	6.4	2.8	9.3	1.9	3.7	1.8	2.7	1.7	1.1	34.3
2015	0.4	1.0	0.4	6.4	4.4	3.1	3.2	4.3	5.7	2.0	4.9	3.4	39.1
30-year Average	1.2	1.2	1.9	3.8	3.8	4.8	3.9	3.8	3.5	2.4	2.2	1.5	34.0

Table A-3. Average monthly and annual temperature (oF) data for the Arlington Research Station.

Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Annual
1986	18	19	36	50	59	66	72	64	62	51	32	25	46
1987	23	31	38	51	61	71	74	68	62	45	40	27	49
1988	13	18	35	47	63	72	75	75	64	45	37	24	47
1989	28	15	30	46	57	66	73	70	60	51	33	13	45
1990	28	26	37	49	55	68	70	69	64	49	40	21	48
1991	14	26	36	50	63	70	71	70	59	49	29	24	47
1992	24	28	33	43	58	64	66	64	59	47	31	22	45
1993	19	19	29	42	57	64	69	69	55	46	33	23	44
1994	6	13	33	46	56	68	67	67	64	53	40	28	45
1995	20	23	37	44	57	72	73	76	60	52	29	21	47
1996	16	22	29	44	55	68	69	70	62	51	30	23	45
1997	17	24	33	42	51	68	69	65	61	50	32	27	45
1998	23	33	33	48	62	66	71	71	65	51	39	30	50
1999	15	30	35	48	60	68	75	67	59	48	43	25	48
2000	20	29	41	45	61	65	69	71	62	54	34	10	47
2001	20	17	30	51	59	67	72	71	59	48	46	31	48
2002	26	27	29	46	54	69	75	70	64	44	34	27	47
2003	17	17	32	44	56	66	71	72	61	49	35	28	46
2004	14	22	37	47	56	65	69	64	65	50	39	24	46
2005	17	27	30	50	54	72	73	70	65	50	36	17	47
2006	29	21	34	50	57	66	73	69	58	44	38	29	48
2007	21	13	37	43	60	68	70	70	62	53	33	17	46
2008	15	14	27	45	53	66	70	67	61	47	34	14	43
2009	8	21	31	43	56	64	63	64	60	42	38	18	42
2010	14	19	36	49	57	66	71	70	58	50	36	15	45
2011	13	18	28	41	54	65	73	68	57	49	36	27	44
2012	21	27	46	44	59	68	76	67	58	45	34	25	47
2013	16	17	22	39	56	64	68	67	60	46	31	13	42
2014	6	8	22	41	55	67	65	69	60	48	28	27	41
2015	18	9	33	47	59	66	69	68	66	51	41	34	47
30-year Average	18	21	33	46	57	67	71	69	61	49	35	23	46