

Detailed Growing Season Climate Data at AG-CARES, Lamesa, TX 2003

Date		Max	Min	Max	Min	Avg. Wind	PET	Rain	Heat Units	
		Temp (°F)	Temp (°F)	RH (%)	RH (%)	Speed (mph)			Cotton	Peanuts
May	1	88.40	54.50	33.10	5.40	5.53	0.30	0.00	11.50	16.70
	2	79.60	53.70	87.10	30.80	8.02	0.25	0.00	6.70	12.30
	3	95.50	58.40	90.30	6.60	9.42	0.35	0.00	17.00	21.70
	4	87.30	64.20	92.30	3.00	16.58	0.46	0.00	15.80	20.80
	5	89.30	56.70	36.70	3.40	10.66	0.41	0.00	13.00	18.00
	6	88.90	52.20	36.50	5.30	6.00	0.31	0.00	10.60	17.00
	7	95.60	54.90	80.40	5.50	8.87	0.38	0.00	15.20	20.00
	8	91.20	60.70	85.40	5.50	9.69	0.38	0.00	16.00	21.00
	9	92.40	52.80	68.60	4.40	8.69	0.37	0.00	12.60	18.70
	10	90.30	57.10	96.20	3.80	10.38	0.39	0.00	13.70	18.70
	11	76.10	50.90	58.70	16.20	9.43	0.29	0.00	3.50	10.50
	12	78.80	54.80	75.30	38.80	10.53	0.23	0.00	6.80	11.90
	13	99.80	62.80	91.90	6.40	8.74	0.37	0.00	21.30	23.90
	14	96.00	65.70	83.60	10.80	9.83	0.37	0.00	20.80	25.30
	15	98.90	66.10	93.80	4.90	10.74	0.39	0.00	22.50	25.50
	16	85.10	59.80	67.20	19.00	12.39	0.36	0.00	12.40	17.40
	17	89.60	52.10	82.50	18.10	5.78	0.28	0.00	10.80	17.30
	18	103.50	59.00	58.80	7.90	9.72	0.45	0.00	21.20	22.00
	19	94.50	63.10	68.40	13.10	15.13	0.41	0.00	18.80	23.80
	20	63.40	49.50	96.50	64.40	15.04	0.11	1.33	0.00	4.20
	21	63.40	52.30	93.70	66.90	4.20	0.11	0.00	0.00	4.20
	22	79.50	53.10	98.70	44.30	6.84	0.17	0.00	6.30	12.20
	23	95.00	60.80	98.20	14.70	8.63	0.32	0.00	17.90	22.90
	24	95.50	65.20	85.90	18.70	11.26	0.36	0.00	20.30	25.10
	25	80.80	58.00	97.00	40.70	8.35	0.21	0.51	9.40	14.40
	26	68.80	57.50	97.80	66.30	7.73	0.09	0.34	3.10	8.10
	27	76.60	54.70	95.90	33.10	4.43	0.20	0.00	5.70	10.80
	28	85.00	58.60	92.50	22.00	4.20	0.24	0.00	11.80	16.80
	29	92.30	61.40	82.10	18.70	6.15	0.31	0.00	16.80	21.80
	30	98.10	61.20	72.70	9.90	5.66	0.32	0.00	19.70	23.10
	31	99.00	61.80	98.00	15.40	10.53	0.38	2.32	20.40	23.40
June	1	88.20	63.30	92.00	33.20	7.35	0.26	0.03	15.80	20.80
	2	87.50	62.60	96.50	27.30	7.27	0.27	0.00	15.00	20.00
	3	94.60	66.10	90.90	26.20	13.06	0.35	0.06	20.30	25.30
	4	84.90	58.30	94.20	41.90	11.51	0.26	0.19	11.60	16.60
	5	79.00	57.90	96.50	50.50	10.91	0.22	0.68	8.50	13.50
	6	75.60	56.90	95.20	35.60	8.78	0.22	0.10	6.20	11.20
	7	89.80	60.20	87.80	24.60	9.91	0.31	0.00	15.00	20.00
	8	73.00	55.00	96.40	62.60	10.36	0.15	0.35	4.00	9.00
	9	92.60	63.20	96.40	26.80	11.00	0.31	0.14	17.90	22.90
	10	95.30	63.80	93.80	13.10	9.86	0.36	0.00	19.50	24.40
	11	98.10	68.70	92.30	9.50	8.74	0.39	0.00	23.40	26.80
	12	98.30	69.40	86.00	4.70	9.53	0.43	0.00	23.80	27.20
	13	88.90	66.20	96.20	28.10	7.94	0.23	0.06	17.60	22.60
	14	87.90	59.20	93.90	26.20	5.94	0.27	0.00	13.60	18.60
	15	84.00	62.00	86.00	31.00	6.82	0.26	0.00	13.00	18.00
	16	88.10	64.00	82.00	23.40	4.93	0.26	0.00	16.00	21.00

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Date	Max	Min	Max	Min	Avg. Wind	PET	Rain	Heat Units		
	Temp (°F)	Temp (°F)	RH (%)	RH (%)	Speed (mph)			Cotton	Peanuts	
	17	85.70	64.30	80.50	25.50	5.80	0.26	0.00	15.00	20.00
	18	87.50	65.00	81.70	25.60	5.50	0.27	0.00	16.20	21.20
	19	88.80	66.20	77.10	28.30	7.23	0.26	0.00	17.50	22.50
	20	90.70	65.00	88.30	31.40	12.09	0.32	0.00	17.80	22.80
	21	96.90	68.80	73.80	19.40	11.65	0.39	0.00	22.80	26.90
	22	101.00	71.10	73.70	21.00	12.25	0.43	0.00	26.00	28.00
	23	97.40	72.30	79.50	22.20	15.07	0.41	0.00	24.80	28.70
	24	94.90	74.50	82.30	31.90	14.68	0.35	0.00	24.70	29.70
	25	93.00	74.00	77.70	34.30	9.51	0.26	0.00	23.50	28.50
	26	75.90	63.00	90.80	69.70	11.92	0.12	0.00	9.50	14.50
	27	84.00	60.80	94.40	45.60	7.03	0.22	0.17	12.40	17.40
	28	92.70	66.20	93.10	29.30	9.31	0.31	0.00	19.50	24.50
	29	91.00	67.20	84.60	25.90	9.83	0.31	0.02	19.10	24.10
	30	88.40	62.00	94.50	30.20	5.38	0.25	0.00	15.20	20.20
July	1	93.60	66.20	82.70	19.80	4.99	0.28	0.00	19.90	24.90
	2	95.80	68.00	69.30	14.60	6.37	0.34	0.00	21.90	26.50
	3	94.80	67.50	79.60	15.50	6.61	0.33	0.00	21.20	26.20
	4	92.80	69.00	78.00	21.70	6.17	0.30	0.00	20.90	25.90
	5	89.10	66.90	83.20	30.20	6.95	0.28	0.00	18.00	23.00
	6	81.00	67.60	85.90	39.20	10.53	0.19	0.00	14.30	19.30
	7	86.30	69.20	89.00	40.40	11.36	0.23	0.00	17.80	22.80
	8	86.20	70.10	91.60	38.20	10.66	0.23	0.00	18.20	23.20
	9	94.20	71.60	84.70	29.70	10.75	0.34	0.00	22.90	27.90
	10	97.60	68.30	90.90	17.30	6.41	0.32	0.00	22.90	26.70
	11	98.00	64.80	74.00	15.60	5.22	0.31	0.00	21.40	24.90
	12	98.50	67.50	71.30	12.20	6.29	0.34	0.00	23.00	26.20
	13	99.60	63.90	75.70	11.90	8.16	0.37	0.00	21.80	24.50
	14	98.90	67.90	75.60	13.20	8.92	0.39	0.00	23.40	26.50
	15	99.10	65.60	67.90	13.10	6.49	0.35	0.00	22.30	25.30
	16	90.10	66.30	85.40	31.10	9.72	0.30	0.00	18.20	23.20
	17	89.50	67.10	89.70	32.60	6.85	0.25	0.00	18.30	23.30
	18	93.60	66.40	85.90	23.00	6.03	0.30	0.00	20.00	25.00
	19	94.90	64.40	78.30	19.50	5.52	0.30	0.00	19.70	24.70
	20	95.20	66.20	78.60	16.40	6.55	0.32	0.00	20.70	25.60
	21	97.60	64.90	80.40	16.30	6.38	0.33	0.00	21.20	25.00
	22	99.80	71.10	71.90	17.70	5.43	0.31	0.00	25.40	28.00
	23	91.60	72.90	78.80	31.50	9.34	0.32	0.00	22.20	27.20
	24	95.20	69.50	90.10	21.60	6.60	0.30	0.00	22.30	27.20
	25	95.90	70.60	79.30	20.00	8.06	0.34	0.00	23.20	27.80
	26	92.30	68.30	81.00	20.30	8.27	0.32	0.00	20.30	25.30
	27	92.40	66.50	80.70	21.70	7.29	0.30	0.00	19.50	24.50
	28	91.90	65.00	77.90	21.10	6.21	0.29	0.00	18.50	23.50
	29	91.80	64.50	85.90	26.50	4.57	0.26	0.00	18.20	23.20
	30	91.90	66.10	84.40	30.10	4.96	0.23	0.00	19.00	24.00
	31	95.00	66.70	85.30	24.00	3.03	0.23	0.00	20.80	25.80
August	1	96.30	69.50	69.90	18.90	5.83	0.31	0.00	22.90	27.20
	2	99.50	72.00	68.00	13.30	6.94	0.35	0.00	25.80	28.50

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Date	Max	Min	Max	Min	Avg. Wind	PET	Rain	Heat Units	
	Temp (°F)	Temp (°F)	RH (%)	RH (%)	Speed (mph)			Cotton	Peanuts
3	98.50	74.00	66.00	16.70	7.72	0.35	0.00	26.20	29.50
4	100.90	72.30	75.20	13.20	8.42	0.38	0.00	26.60	28.70
5	99.40	72.00	59.40	15.50	6.44	0.33	0.00	25.70	28.50
6	99.50	69.80	65.10	16.40	2.84	0.26	0.00	24.70	27.40
7	101.30	68.80	60.90	14.20	3.80	0.29	0.00	25.00	26.90
8	104.00	71.80	52.70	13.20	5.13	0.32	0.00	27.90	28.40
9	95.80	69.60	72.60	27.40	7.96	0.31	0.00	22.70	27.30
10	93.30	67.60	82.10	27.80	4.29	0.26	0.00	20.40	25.40
11	96.90	65.80	79.90	16.60	4.44	0.27	0.00	21.30	25.40
12	87.90	66.30	80.30	23.70	7.11	0.28	0.00	17.10	22.10
13	83.60	61.10	74.30	24.50	4.98	0.21	0.00	12.30	17.30
14	84.20	59.40	85.20	28.20	4.74	0.21	0.01	11.80	16.80
15	83.10	65.20	92.00	40.80	4.43	0.17	0.00	14.20	19.20
16	90.40	63.90	81.10	25.10	3.14	0.22	0.00	17.20	22.20
17	91.70	69.60	70.60	28.00	5.10	0.25	0.00	20.70	25.70
18	94.30	64.70	78.60	18.70	5.77	0.28	0.00	19.50	24.50
19	93.50	67.50	73.00	22.30	6.20	0.28	0.00	20.50	25.50
20	91.10	70.50	69.10	28.40	6.58	0.28	0.00	20.80	25.80
21	93.80	70.40	73.70	25.00	5.58	0.28	0.00	22.10	27.10
22	94.20	64.20	91.60	23.60	4.20	0.24	0.00	19.20	24.20
23	87.90	63.00	92.50	30.40	3.11	0.21	0.00	15.50	20.50
24	90.20	65.70	84.90	29.50	4.03	0.23	0.00	18.00	23.00
25	89.20	65.70	87.50	29.50	6.10	0.24	0.00	17.50	22.50
26	89.20	65.10	89.10	31.10	6.38	0.23	0.00	17.20	22.20
27	91.80	68.60	86.30	30.80	5.93	0.25	0.00	20.20	25.20
28	94.10	72.50	71.40	26.40	7.26	0.28	0.00	23.30	28.30
29	93.80	68.90	91.30	30.50	7.37	0.25	0.09	21.30	26.30
30	80.00	63.90	98.30	61.70	5.10	0.13	2.19	12.00	17.00
31	71.10	63.20	88.80	66.90	7.67	0.10	0.00	7.20	12.20
September 1	76.10	61.90	91.50	50.10	5.79	0.16	0.00	9.00	14.00
2	83.30	56.70	97.60	37.30	1.71	0.18	0.00	10.00	15.00
3	83.30	59.40	94.70	36.50	2.09	0.17	0.00	11.30	16.30
4	85.10	60.40	93.60	31.30	2.92	0.18	0.00	12.80	17.80
5	84.80	63.00	94.40	31.60	3.25	0.19	0.00	13.90	18.90
6	86.30	62.50	89.90	25.20	4.93	0.22	0.00	14.40	19.40
7	87.00	62.70	91.90	27.40	7.27	0.22	0.26	14.80	19.80
8	84.60	62.80	90.90	43.60	6.53	0.20	0.01	13.70	18.70
9	89.30	65.40	89.60	37.60	9.66	0.24	0.00	17.30	22.30
10	91.00	69.80	90.60	31.70	9.26	0.25	0.72	20.40	25.40
11	78.80	62.00	93.20	34.60	6.46	0.17	0.05	10.40	15.40
12	82.50	54.60	93.60	19.80	3.31	0.19	0.00	8.50	13.80
13	86.10	57.10	79.60	32.90	7.92	0.24	0.00	11.60	16.60
14	69.30	56.80	85.50	52.40	8.98	0.13	0.00	3.00	8.00
15	78.60	56.10	87.70	47.70	5.83	0.15	0.00	7.30	12.30
16	91.60	61.00	89.90	13.80	8.58	0.28	0.00	16.30	21.30
17	87.60	62.60	90.80	32.90	9.70	0.23	0.00	15.10	20.10
18	73.70	60.70	90.70	42.30	11.20	0.16	0.00	7.20	12.20

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	Temp (°F)	Temp (°F)	RH (%)	RH (%)	Speed (mph)			Cotton	Peanuts
19	71.40	57.40	72.90	38.80	6.10	0.16	0.00	4.40	9.40
20	83.50	53.10	85.90	33.90	7.60	0.21	0.00	8.30	14.20
21	79.10	57.10	91.60	46.90	3.13	0.12	0.00	8.10	13.10
22	85.20	57.00	98.10	27.30	3.50	0.16	0.00	11.10	16.10
23	80.70	60.20	82.00	39.70	5.43	0.15	0.00	10.50	15.50
24	95.00	56.50	93.50	18.70	3.13	0.19	0.00	15.80	20.80
25	74.40	59.50	98.40	50.80	4.57	0.06	0.62	7.00	12.00
26	82.80	59.00	100.00	41.50	2.35	0.13	0.01	10.90	15.90
27	79.10	57.80	97.50	28.90	6.22	0.18	0.00	8.40	13.40
28	80.70	54.30	79.00	27.40	5.09	0.18	0.00	7.50	12.80
29	85.00	58.80	71.50	36.70	10.54	0.25	0.00	11.90	16.90
30	85.80	58.80	79.20	34.20	8.24	0.22	0.00	12.30	17.30
October 1	71.80	52.60	85.70	46.50	6.98	0.13	0.00	2.20	8.40
2	80.00	49.00	90.80	30.90	8.63	0.20	0.00	4.50	12.50
3	82.80	53.70	88.10	30.90	4.44	0.16	0.00	8.20	13.90
4	73.60	60.60	92.80	56.70	3.69	0.10	0.09	7.10	12.10
5	78.50	58.30	97.70	63.00	4.39	0.11	0.20	8.40	13.40
6	75.00	59.00	96.40	66.90	6.21	0.10	0.00	7.00	12.00
7	77.00	62.70	97.60	54.80	6.39	0.10	0.00	9.80	14.80
8	70.00	62.20	97.80	81.70	6.00	0.05	0.00	6.10	11.10
9	75.10	62.10	98.10	63.90	2.94	0.09	0.00	8.60	13.60
10	72.80	65.00	97.30	79.60	6.55	0.07	0.22	8.90	13.90
11	76.00	60.70	97.00	54.60	6.82	0.11	0.00	8.30	13.30
12	68.10	57.80	94.50	52.70	6.52	0.10	0.00	2.90	7.90
13	89.80	59.30	96.70	16.20	9.22	0.24	0.00	14.50	19.50
14	70.00	46.00	72.00	21.80	5.81	0.16	0.00	0.00	7.50
15	84.00	44.10	84.30	19.10	6.05	0.19	0.00	4.00	14.50
16	92.60	50.50	94.60	8.90	6.47	0.24	0.00	11.50	18.80
17	77.20	50.30	67.70	18.40	5.29	0.17	0.00	3.80	11.10
18	85.00	43.60	87.30	21.50	3.49	0.15	0.00	4.30	15.00
19	87.20	49.50	93.20	19.10	3.51	0.16	0.00	8.30	16.10
20	86.80	46.90	88.40	13.90	3.82	0.16	0.00	6.80	15.90
21	89.70	48.30	89.10	13.00	3.15	0.16	0.00	9.00	17.30
22	88.50	48.90	72.80	12.60	4.03	0.17	0.00	8.70	16.80
23	89.90	48.90	76.60	11.80	4.81	0.19	0.00	9.40	17.50
24	90.60	48.60	75.40	9.20	6.18	0.22	0.00	9.60	17.80
25	60.60	47.50	54.70	19.70	12.78	0.18	0.00	0.00	2.80
26	60.60	42.30	80.40	18.50	4.61	0.11	0.00	0.00	2.80
27	75.70	35.50	74.30	14.40	5.05	0.15	0.00	0.00	10.30
28	71.80	41.80	75.60	20.60	6.14	0.15	0.00	0.00	8.40
29	85.60	40.20	82.20	13.00	7.18	0.22	0.00	2.90	15.30
30	80.80	51.80	68.50	12.60	8.75	0.22	0.00	6.30	12.90
31	80.30	49.60	99.20	37.20	7.64	0.15	0.00	5.00	12.70