

MESONET CLIMATOLOGICAL DATA SUMMARY  
 (ALTU) Altus  
 Latitude: 34-35-13

May 2013  
 Nearest City: 3.0 S Altus  
 Longitude: 99-20-17

Time Zone: Midnight-Midnight CST  
 County: Jackson  
 Elevation: 1365 feet

DAY	TEMPERATURE ( F )				DEG DAYS		HUMIDITY (%)			RAIN (in)	PRESSURE (in)		WIND SPEED (mph)			SOLAR (MJ/m2)	4" SOIL TEMPERATURES			
	MAX	MIN	AVG	DEWPT	HDD	CDD	MAX	MIN	AVG		STN	MSL	DIR	AVG	MAX		SOD	BARE	MAX	MIN
1	86	44	66.1	53.7	0	0	94	39	67	0.00	28.44	29.88	N	18.2	42.5	22.02	68.8	70.9	75	68
2	55	33	43.9	32.9	21	0	91	34	68	0.11	28.93	30.40	N	23.8	48.8	12.01	61.7	61.6	68	58
3	71	28	49.8	24.2	16	0	92	12	48	0.00	28.74	30.20	NW	10.6	29.5	30.45	58.6	58.8	65	53
4	73	31	53.9	25.7	13	0	86	9	44	0.00	28.56	30.02	NNW	12.5	37.3	30.64	60.0	60.8	66	56
5	71	37	53.3	40.9	11	0	89	34	66	0.00	28.67	30.13	NW	7.4	19.8	23.92	60.9	61.8	67	57
6	77	42	61.5	44.9	6	0	95	29	59	0.00	28.62	30.07	ESE	5.4	15.5	23.08	62.8	64.2	69	59
7	87	52	71.2	45.4	0	4	84	20	45	0.00	28.51	29.96	SSE	12.5	34.6	27.14	65.1	67.0	72	62
8	89	56	73.8	55.6	0	7	78	36	55	0.00	28.39	29.84	S	14.5	38.0	21.82	67.2	68.9	73	65
9	82	57	67.9	59.2	0	5	98	42	76	0.00	28.43	29.87	ENE	7.9	27.8	16.69	67.9	69.3	73	66
10	73	55	63.5	54.9	1	0	98	50	76	0.90	28.60	30.05	NNE	10.9	38.8	22.79	67.0	67.4	70	64
11	82	49	64.6	49.3	0	1	98	23	64	0.00	28.72	30.18	NE	8.4	28.7	27.87	66.5	67.0	74	61
12	83	45	65.4	42.2	1	0	92	20	50	0.00	28.73	30.19	SSE	9.0	23.6	30.04	66.3	68.2	75	61
13	94*	53*	74.9*	42.0*	0*	8*	82*	12*	38*	0.00*	28.64*	30.09*	S	12.3*	29.9*	NA	68.3*	70.6*	77*	64*
14	92	59	77.4	48.0	0	11	61	18	38	0.00	28.54	29.99	S	13.6	32.1	30.08	70.0	72.2	78	67
15	84	62	71.0	59.5	0	8	94	37	69	0.07	28.39	29.84	S	10.3	22.3	13.75	69.9	71.7	74	69
16	83	59	68.5	60.7	0	6	98	44	79	0.00	28.35	29.79	E	8.9	20.8	24.21	70.3	72.1	78	68
17	91	65	74.8	68.1	0	13	99	49	82	0.01	28.35	29.80	ESE	10.4	24.3	19.62	72.3	74.2	80	70
18	103	68	80.8	65.1	0	20	96	19	66	0.03	28.28	29.72	ESE	14.3	46.4	19.96	74.6	76.4	81	73
19	101	70	85.0	46.3	0	20	78	6	37	0.00	28.18	29.61	S	17.3	39.0	30.32	74.9	77.0	82	73
20	99	60	78.8	46.8	0	14	79	9	39	0.00	28.24	29.68	W	9.2	29.5	30.91	75.2	77.4	83	72
21	79	57	68.0	50.1	0	3	87	27	56	0.14	28.39	29.83	NNE	13.1	40.2	21.20	73.5	75.0	79	72
22	91	51	72.5	47.6	0	6	97	15	51	0.00	28.42	29.86	ESE	9.4	34.6	30.65	71.7	74.0	81	67
23	91	64	75.3	62.1	0	12	87	28	66	0.00	28.49	29.94	ESE	16.8	37.3	15.01	72.5	74.6	78	72
24	93	63	76.6	63.2	0	13	93	32	67	0.00	28.61	30.07	SSE	14.7	35.4	22.91	73.7	75.7	80	71
25	89	61	74.7	62.5	0	10	93	38	68	0.00	28.59	30.05	SE	14.5	30.5	18.98	73.4	75.2	79	72
26	95	68	82.1	63.8	0	16	92	31	58	0.00	28.46	29.91	SSE	17.6	36.8	28.30	75.6	77.6	83	73
27	99	72	83.8	64.3	0	20	79	29	55	0.00	28.32	29.76	S	21.5	58.5	26.79	77.1	79.3	84	76
28	83	73	77.9	65.7	0	13	82	54	67	0.00	28.28	29.72	S	15.6	37.3	14.28	76.0	77.8	79	76
29	89	72	78.8	65.7	0	15	84	40	65	0.03	28.19	29.62	SSE	21.8	46.5	15.03	74.6	76.2	78	74
30	100	74	85.6	54.6	0	22	81	8	46	0.00	28.18	29.62	SSE	15.8	34.1	28.60	76.7	78.7	85	74
31	106	71	88.1	60.2	0	23	78	13	46	0.00	28.19	29.63	SSW	15.1	35.9	28.03	78.8	81.1	86	76

87\* 56\* 71.3\* 52.4\* <- Monthly Averages -> 28.47\* 29.91\* S \* 13.3\* 58.5\* 23.57\* 70.1\* 71.7\* 77\* 67\*

Temperature - Highest: 106* Lowest: 28*	Degree Days - Total HDD: 69* Total CDD: 274*	Number of Days With: Tmax ≥ 90: 13* Tmax ≤ 32: 0* Tmin ≤ 32: 2* Tmin ≤ 0: 0*	Rainfall ≥ 0.01 inch: 7* Rainfall ≥ 0.10 inch: 3* Avg Wind Speed ≥ 10 mph: 23* Max Wind Speed ≥ 30 mph: 20*
Rainfall: Monthly Total: 1.29* in. Greatest 24 Hr: 0.90* in.	Humidity - Highest: 99* Lowest: 6*		

MESONET CLIMATOLOGICAL DATA SUMMARY  
 (ALTU) Altus  
 Latitude: 34-35-13

June 2013  
 Nearest City: 3.0 S Altus  
 Longitude: 99-20-17

Time Zone: Midnight-Midnight CST  
 County: Jackson  
 Elevation: 1365 feet

DAY	TEMPERATURE ( F )				DEG DAYS		HUMIDITY (%)			RAIN (in)	PRESSURE (in)		WIND SPEED (mph)			SOLAR (MJ/m2)	4" SOIL TEMPERATURES			
	MAX	MIN	AVG	DEWPT	HDD	CDD	MAX	MIN	AVG		STN	MSL	DIR	AVG	MAX		SOD	BARE	MAX	MIN
1	90	63	77.9	47.3	0	11	82	16	40	0.00	28.45	29.90	NNE	15.6	39.5	31.02	79.5	80.8	85	77
2	85	56	70.9	46.8	0	5	83	22	47	0.00	28.61	30.06	NE	8.3	23.3	31.16	78.5	79.2	85	74
3	96	62	79.1	52.4	0	14	73	22	43	0.00	28.42	29.87	SE	16.2	33.0	28.85	77.7	79.0	83	75
4	99	65	81.6	63.2	0	17	95	28	58	0.08	28.34	29.79	E	17.8	37.3	28.60	78.6	80.3	85	76
5	92	69	79.0	63.4	0	16	80	39	60	0.00	28.43	29.87	NE	16.1	36.3	22.81	79.5	80.8	84	77
6	84	61	71.4	57.9	0	7	95	35	66	0.13	28.51	29.96	NNE	11.8	29.7	20.48	77.8	78.6	82	75
7	87	56	72.5	53.9	0	7	92	30	57	0.00	28.52	29.97	SSE	7.2	21.7	27.46	76.1	77.7	83	72
8	93	62	76.7	54.4	0	12	94	21	51	0.29	28.39	29.84	SSE	16.8	59.3	22.83	75.6	77.3	81	74
9	95	61	76.7	58.5	0	13	98	17	62	0.01	28.47	29.92	S	6.5	35.1	30.60	77.3	78.9	87	72
10	102	65	84.9	57.3	0	19	91	14	47	0.00	28.46	29.90	S	13.0	29.3	31.18	78.5	81.0	87	75
11	101	67	86.4	56.3	0	19	65	20	39	0.00	28.47	29.91	S	14.3	31.8	31.16	79.2	82.1	87	77
12	101	73	87.4	61.7	0	22	76	24	45	0.00	28.49	29.94	SSW	14.6	30.5	30.05	80.4	83.1	88	79
13	101	72	87.3	62.3	0	22	77	23	47	0.00	28.52	29.97	SSE	10.0	23.2	29.51	81.9	84.2	89	79
14	97	71	83.8	60.4	0	19	81	24	49	0.00	28.51	29.96	SSW	10.2	26.3	21.42	81.6	83.6	86	80
15	92	70	79.5	63.4	0	16	90	34	60	0.01	28.51	29.96	S	11.2	38.2	20.08	80.0	81.6	84	79
16	99	68	84.5	64.7	0	18	91	31	55	0.00	28.48	29.93	SSW	10.3	29.0	27.94	81.1	82.8	88	78
17	91	67	79.2	64.9	0	14	97	34	65	0.55	28.50	29.95	ENE	9.9	44.3	29.40	82.2	83.5	89	78
18	90	69	78.6	63.6	0	15	93	33	64	0.00	28.55	30.00	ESE	7.9	21.1	28.31	82.0	83.7	90	78
19	85	69	74.2	66.2	0	12	95	44	78	0.28	28.50	29.95	SE	10.9	52.2	9.40	78.1	78.8	84	77
20	99	68	83.6	64.8	0	18	90	28	58	0.00	28.47	29.91	S	16.5	36.4	29.43	78.0	79.5	86	74
21	98	76	86.5	64.1	0	22	71	29	49	0.00	28.49	29.93	SSE	16.2	33.0	26.52	80.2	82.6	87	78
22	98	73	87.5	60.4	0	21	68	27	42	0.00	28.44	29.88	S	18.9	37.6	29.04	80.7	83.3	88	79
23	100	76	87.7	56.7	0	23	62	18	38	0.00	28.40	29.84	SSE	19.1	38.4	27.12	80.4	83.2	87	80
24	99	75	86.7	60.0	0	22	60	25	42	0.00	28.43	29.88	SSE	18.6	37.6	26.76	80.2	83.2	87	80
25	103	77	89.6	64.2	0	25	65	28	45	0.00	28.37	29.81	SSE	17.5	35.0	28.73	81.5	84.1	89	80
26	106	76	91.6	62.6	0	26	63	24	40	0.00	28.38	29.83	SSE	13.5	29.1	29.19	83.4	86.0	91	81
27	108	75	91.7	60.5	0	27	76	15	41	0.00	28.48	29.93	SSW	11.5	52.9	30.28	85.1	87.3	92	82
28	105	76	89.5	56.2	0	25	60	17	35	0.00	28.51	29.96	NE	10.7	26.6	30.55	86.4	88.0	93	83
29	99	73	86.2	54.9	0	21	59	21	37	0.00	28.48	29.93	NE	8.3	20.8	24.05	85.4	86.6	91	83
30	94	69	82.5	51.4	0	17	57	20	36	0.00	28.53	29.98	NE	11.6	26.3	27.01	85.1	85.8	89	82
	96	69	82.5	59.1	<- Monthly Averages ->						28.47	29.92	SSE	13.0	59.3	27.03	80.4	82.2	87	78

Temperature - Highest: 108 Lowest: 56	Degree Days - Total HDD: 0 Total CDD: 525	Number of Days With: Tmax ≥ 90: 26 Tmax ≤ 32: 0 Tmin ≤ 32: 0 Tmin ≤ 0: 0	Rainfall ≥ 0.01 inch: 7 Rainfall ≥ 0.10 inch: 4 Avg Wind Speed ≥ 10 mph: 24 Max Wind Speed ≥ 30 mph: 18
Rainfall: Monthly Total: 1.35 in. Greatest 24 Hr: 0.55 in.	Humidity - Highest: 98 Lowest: 14		

MESONET CLIMATOLOGICAL DATA SUMMARY July 2013 Time Zone: Midnight-Midnight CST  
 (ALTU) Altus Nearest City: 3.0 S Altus County: Jackson  
 Latitude: 34-35-13 Longitude: 99-20-17 Elevation: 1365 feet

DAY	TEMPERATURE ( F )				DEG DAYS		HUMIDITY (%)			RAIN (in)	PRESSURE (in)		WIND SPEED (mph)			SOLAR (MJ/m2)	4" SOIL TEMPERATURES			
	MAX	MIN	AVG	DEWPT	HDD	CDD	MAX	MIN	AVG		STN	MSL	DIR	AVG	MAX		SOD	BARE	MAX	MIN
1	87	61	75.2	47.6	0	9	73	23	41	0.00	28.64	30.09	NE	9.7	25.1	26.68	83.1	83.2	87	79
2	91	56	74.7	41.3	0	8	69	13	34	0.00	28.65	30.10	NNW	6.3	23.5	30.55	82.2	82.1	88	77
3	92	59	77.7	42.4	0	10	58	16	31	0.00	28.57	30.02	ENE	6.5	19.5	23.83	81.9	81.8	86	77
4	97	63	81.0	48.1	0	15	68	15	36	0.01	28.49	29.94	ESE	10.6	22.8	22.88	81.1	81.5	86	78
5	101	66	84.9	51.0	0	19	76	14	36	0.00	28.44	29.89	SE	14.1	31.8	28.85	81.6	82.7	87	78
6	100	71	86.5	52.9	0	21	58	17	34	0.00	28.44	29.88	SE	14.3	41.3	25.90	81.9	83.3	87	80
7	100	72	86.8	56.2	0	21	62	23	37	0.00	28.50	29.95	SE	11.6	26.5	28.09	83.5	84.6	89	80
8	102	71	88.1	60.1	0	22	72	23	42	0.00	28.55	30.00	SE	10.6	26.5	26.51	84.9	85.5	90	81
9	103	77	90.8	60.0	0	25	63	23	38	0.00	28.55	30.01	S	12.1	27.3	29.10	86.2	86.9	91	83
10	103*	76*	90.3*	57.6*	0*	24*	56*	21*	35*	0.00*	28.53*	29.98*	S *	9.1*	24.3*	25.42*	87.2*	87.5*	92*	83*
11	106	75	87.5	61.7	0	26	74	18	46	0.06	28.49	29.94	SE	7.6	28.7	24.56	88.3	88.2	94	84
12	105	73	89.6	61.8	0	24	82	20	45	0.00	28.47	29.92	ESE	10.1	25.4	27.46	87.2	87.5	92	83
13	106	74	91.1	57.7	0	25	73	15	38	0.00	28.48	29.93	ESE	9.6	25.2	26.88	88.3	88.8	94	84
14	84	65	73.9	61.3	0	9	96	44	68	0.31	28.53	29.98	ESE	14.0	37.8	9.28	84.5	84.6	89	80
15	76	64	68.8	63.9	0	5	97	63	85	0.02	28.61	30.07	ESE	9.1	19.6	13.13	78.7	78.1	80	76
16	74	67	70.4	69.1	0	6	98	90	96	1.36	28.71	30.16	SE	9.4	28.1	4.68	76.2	75.9	78	75
17	85	68	74.3	69.9	0	11	98	61	87	0.09	28.78	30.24	E	7.5	27.4	13.12	76.4	76.3	79	74
18	89	68	78.5	67.9	0	14	98	47	73	0.00	28.69	30.15	S	8.5	25.2	25.93	78.3	78.4	83	74
19	94	69	81.6	66.1	0	16	96	34	64	0.00	28.55	30.01	S	7.9	21.9	24.14	79.9	80.9	86	76
20	98	70	84.5	64.2	0	19	95	25	56	0.00	28.46	29.91	SSE	9.1	24.9	29.06	81.9	83.5	90	78
21	100	71	86.5	63.8	0	21	89	23	52	0.00	NA	NA	S *	10.6*	35.4*	28.57	83.3	85.0	90	80
22	99	74	87.2	67.5	0	21	83	33	55	0.00	NA	NA	SSW	12.0	27.8	28.19	84.0	85.8	91	81
23	100	76	88.6	68.3	0	23	80	32	54	0.00	NA	NA	S	10.9	24.9	27.86	85.1	87.0	92	82
24	98	75	85.5	67.2	0	21	85	34	57	0.00	NA	NA	ESE	11.9	45.5	27.63	85.7	87.3	92	83
25	88	72	79.5	70.5	0	15	91	53	75	0.04	NA	NA	ESE	9.4	26.2	12.69	83.9	84.6	88	83
26	91	72	80.3	68.7	0	16	97	40	71	0.04	NA	NA	NNE	11.3	30.0	20.87	82.7	83.6	87	81
27	93	66	79.3	62.6	0	14	96	31	61	0.00	NA	NA	SE	7.7	19.2	27.98	82.8	83.9	90	79
28	93	67	80.7	61.2	0	15	94	24	57	0.00	NA	NA	SSE	12.5	26.2	28.91	83.0	84.0	89	80
29	98	74	86.4	68.3	0	21	84	40	57	0.00	NA	NA	SSE	16.4	35.9	23.21	83.5	84.7	89	81
30	99	76	86.9	66.9	0	23	76	32	53	0.00	NA	NA	NE	10.2	27.0	21.22	84.7	86.1	90	82
31	100	76	86.1	68.3	0	23	89	24	60	0.00	NA	NA	NE	10.9	23.2	27.88	86.4	87.4	93	83

95\* 70\* 82.7\* 61.1\* <- Monthly Averages -> 28.56\* 30.01\* SE \* 10.4\* 45.5\* 23.91\* 83.2\* 83.9\* 88\* 80\*

Temperature - Highest: 106* Lowest: 56*	Degree Days - Total HDD: 0* Total CDD: 543*	Number of Days With: Tmax ≥ 90: 24*      Rainfall ≥ 0.01 inch: 8* Tmax ≤ 32: 0*      Rainfall ≥ 0.10 inch: 2* Tmin ≤ 32: 0*      Avg Wind Speed ≥ 10 mph: 17* Tmin ≤ 0: 0*      Max Wind Speed ≥ 30 mph: 7*
Rainfall: Monthly Total: 1.93* in. Greatest 24 Hr: 1.36* in.	Humidity - Highest: 98* Lowest: 13*	

MESONET CLIMATOLOGICAL DATA SUMMARY August 2013 Time Zone: Midnight-Midnight CST  
 (ALTU) Altus Nearest City: 3.0 S Altus County: Jackson  
 Latitude: 34-35-13 Longitude: 99-20-17 Elevation: 1365 feet

DAY	TEMPERATURE ( F )				DEG DAYS		HUMIDITY (%)			RAIN (in)	PRESSURE (in)		WIND SPEED (mph)			SOLAR (MJ/m2)	4" SOIL TEMPERATURES			
	MAX	MIN	AVG	DEWPT	HDD	CDD	MAX	MIN	AVG		STN	MSL	DIR	AVG	MAX		SOD	BARE	MAX	MIN
1	99*	73*	85.1*	66.6*	0*	21*	87*	27*	57*	0.00*	NA	NA	ESE*	8.3*	20.1*	NA	87.0*	87.8*	93*	83*
2	107	77	92.5	62.4	0	27	83	18	43	0.00	28.42	29.86	S	13.8	29.4	27.44	87.1	88.1	92	84
3	105	74	91.4	58.7	0	25	65	18	36	0.00	28.47	29.92	S	13.0	27.2	27.98	87.2	88.5	93	84
4	104	74	89.6	60.2	0	24	70	21	41	0.00	28.52	29.97	SSE	10.3	24.0	28.00	87.5	88.7	93	84
5	106	76	91.9	60.0	0	26	69	19	38	0.00	28.45	29.89	SSE	12.3	27.0	28.12	87.9	89.0	93	85
6	108	73	93.0	57.2	0	25	65	17	33	0.00	28.36	29.81	S	12.8	27.3	28.42	87.9	89.1	93	85
7	100	72	87.4	63.2	0	21	92	27	47	0.22	28.38	29.82	NE	9.5	56.6	16.33	87.1	88.0	91	86
8	100	71	80.5	67.8	0	20	96	29	71	0.05	28.41	29.86	ESE	9.4	36.6	21.31	85.0	85.9	91	82
9	90	68	78.9	66.7	0	14	97	42	69	0.03	28.53	29.99	NNW	8.4	32.2	25.06	83.8	84.8	90	80
10	89	69	78.4	64.6	0	14	93	40	65	0.00	28.66	30.11	NNE	8.7	20.3	24.43	83.8	84.9	89	81
11	98	68	81.2	65.5	0	18	98	30	64	0.44	28.61	30.06	ENE	7.1	40.6	23.77	84.5	85.7	91	81
12	97	73	82.3	69.6	0	20	97	33	70	0.36	28.55	30.00	SW	8.8	39.0	21.29	83.8	84.8	90	81
13	88	72	78.4	69.7	0	15	98	50	77	0.03	28.57	30.02	NNE	7.3	21.9	19.77	82.0	82.4	86	79
14	90	69	78.6	66.5	0	15	95	40	69	0.00	28.60	30.06	NE	9.2	23.3	23.33	82.6	83.6	90	78
15	93	69	78.5	66.1	0	16	90	37	68	0.00	28.56	30.02	ESE	8.6	25.3	20.11	82.9	84.2	91	79
16	90	65	76.0	63.7	0	13	94	36	69	0.28	28.59	30.04	E	7.8	38.7	25.96	82.0	82.9	89	77
17	88	67	76.7	62.9	0	12	92	39	65	0.00	28.62	30.07	ESE	9.8	20.1	23.74	81.5	82.7	88	78
18	92	66	78.9	60.4	0	14	88	30	57	0.00	28.60	30.05	SE	11.4	23.6	24.97	81.4	82.7	88	78
19	95	66	81.0	59.5	0	15	85	29	52	0.00	28.56	30.01	SSE	12.2	29.8	24.16	81.2	82.6	88	78
20	98	69	83.6	59.5	0	19	77	27	47	0.00	28.53	29.98	SSE	11.8	26.0	24.72	81.9	83.4	89	79
21	96	66	81.8	56.6	0	16	77	22	46	0.00	28.58	30.03	SE	9.1	26.8	25.21	82.2	83.5	89	79
22	99	69	83.7	60.1	0	19	78	22	49	0.00	28.56	30.01	SSE	7.8	21.9	23.91	83.1	84.3	90	79
23	101	70	86.1	61.3	0	20	79	21	48	0.00	28.54	29.99	SE	8.7	30.9	26.27	84.7	85.9	91	81
24	101	71	85.6	63.2	0	21	83	25	51	0.00	28.59	30.04	SE	9.1	26.5	20.67	85.2	86.2	90	82
25	99	72	85.7	62.8	0	21	80	27	50	0.00	28.65	30.11	ESE	10.0	23.9	22.92	85.1	86.1	91	82
26	97	70	83.7	61.4	0	19	77	27	50	0.00	28.67	30.12	ESE	9.8	27.2	23.42	84.8	85.6	90	82
27	92	67	80.6	63.5	0	14	77	37	58	0.00	28.60	30.06	SSE	9.8	25.7	21.24	84.1	84.8	88	81
28	99	73	84.9	62.8	0	21	87	27	52	0.00	28.58	30.03	S	10.7	30.5	22.70	84.4	85.1	89	81
29	102	72	86.8	56.5	0	22	66	19	39	0.00	28.57	30.02	S	9.0	24.0	24.96	84.7	85.5	90	81
30	104	72	89.3	56.3	0	23	64	19	36	0.00	28.49	29.94	SSE	8.5	23.5	24.22	85.5	86.3	91	82
31	106	71	89.5	53.2	0	24	58	15	32	0.00	28.41	29.86	SSE	7.6	21.6	24.93	86.3	87.1	92	82

98\* 71\* 83.9\* 62.2\* <- Monthly Averages -> 28.54\* 29.99\* SSE\* 9.7\* 56.6\* 23.98\* 84.5\* 85.5\* 90\* 81\*

Temperature - Highest: 108* Lowest: 65*	Degree Days - Total HDD: 0* Total CDD: 593*	Number of Days With: Tmax ≥ 90: 28* Tmax ≤ 32: 0* Tmin ≤ 32: 0* Tmin ≤ 0: 0*	Rainfall ≥ 0.01 inch: 7* Rainfall ≥ 0.10 inch: 4* Avg Wind Speed ≥ 10 mph: 10* Max Wind Speed ≥ 30 mph: 8*
Rainfall: Monthly Total: 1.41* in. Greatest 24 Hr: 0.44* in.	Humidity - Highest: 98* Lowest: 15*		

MESONET CLIMATOLOGICAL DATA SUMMARY      September      2013      Time Zone: Midnight-Midnight CST  
 (ALTU) Altus      Nearest City: 3.0 S      Altus      County: Jackson  
 Latitude: 34-35-13      Longitude: 99-20-17      Elevation: 1365 feet

DAY	TEMPERATURE ( F )				DEG DAYS		HUMIDITY (%)			RAIN (in)	PRESSURE (in)		WIND SPEED (mph)			SOLAR (MJ/m2)	4" SOIL TEMPERATURES			
	MAX	MIN	AVG	DEWPT	HDD	CDD	MAX	MIN	AVG		STN	MSL	DIR	AVG	MAX		SOD	BARE	MAX	MIN
1	105	73	86.6	58.5	0	24	60	20	41	0.00	28.42	29.87	NE	8.7	28.7	16.07	86.0	86.5	90	83
2	97	70	83.0	61.3	0	19	82	25	51	0.00	28.53	29.98	NE	9.6	19.4	21.62	85.6	86.0	90	82
3	97	62	79.9	52.2	0	15	77	17	43	0.00	28.57	30.02	E	7.2	19.4	25.37	84.9	85.0	90	80
4	99	62	80.9	52.0	0	16	76	11	42	0.00	28.61	30.06	E	6.5	19.1	25.24	84.9	84.9	90	80
5	100	69	85.5	58.4	0	20	75	21	44	0.00	28.62	30.07	ESE	8.4	22.9	23.40	85.7	85.8	91	81
6	101	71	86.4	58.2	0	21	67	22	41	0.00	28.58	30.03	ESE	7.6	23.4	22.81	86.4	86.5	91	82
7	102	70	85.9	59.0	0	21	69	21	44	0.00	28.52	29.97	ESE	7.3	40.9	22.71	86.8	86.9	91	83
8	99	69	84.2	58.3	0	19	77	19	46	0.00	28.49	29.94	SE	8.8	24.2	23.81	86.3	86.4	91	83
9	96	70	83.4	59.4	0	18	76	27	47	0.00	28.49	29.94	SSE	11.2	32.2	23.25	85.4	85.5	89	82
10	94	70	82.2	62.8	0	17	81	32	54	0.00	28.58	30.03	SSE	11.7	27.0	21.62	84.8	84.9	88	82
11	95	70	81.5	60.8	0	17	82	25	53	0.00	28.63	30.08	SSE	8.9	23.0	20.12	84.4	84.6	88	81
12	97	68	82.7	58.0	0	17	73	23	46	0.00	28.59	30.05	E	7.0	18.1	22.70	84.7	84.9	90	80
13	88	73	77.6	66.6	0	15	82	48	70	0.00	28.54	29.99	ENE	10.6	27.7	11.71	84.0	83.8	86	82
14	91	71	78.7	64.7	0	16	81	39	64	0.03	28.50	29.95	E	9.3	20.9	15.97	82.9	82.8	86	80
15	95	69	83.1	60.6	0	17	75	30	50	0.00	28.53	29.98	ESE	10.0	21.1	16.71	82.4	82.6	86	79
16	93	69	77.7	65.8	0	16	95	34	70	0.77	28.63	30.08	NNE	10.0	32.4	17.98	83.0	83.1	87	80
17	86	68	74.3	69.4	0	12	98	52	86	0.05	28.58	30.03	SSE	6.9	27.1	12.82	79.5	79.1	82	77
18	94	72	81.7	63.3	0	18	89	27	58	0.00	28.48	29.93	SSE	11.7	32.6	22.19	79.5	79.9	85	76
19	87	68	75.2	65.4	0	13	96	46	73	0.15	28.48	29.93	SSW	9.6	26.8	9.03	77.8	78.3	80	76
20	71	56	66.4	60.2	2	0	95	56	81	0.02	28.55	30.00	NNE	12.2	26.9	6.54	73.9	73.7	77	70
21	82	51	66.3	49.4	0	2	96	25	61	0.01	28.55	30.00	NNW	5.4	12.1	23.53	72.3	72.5	80	66
22	85	52	69.0	48.1	0	4	92	24	53	0.00	28.42	29.87	SE	9.4	21.5	23.54	73.4	73.9	80	68
23	88	53	71.2	50.4	0	6	90	26	53	0.00	28.34	29.78	S	12.5	31.4	22.55	73.2	73.9	79	69
24	90	60	74.8	46.1	0	10	69	16	41	0.00	28.50	29.95	N	8.2	22.5	22.83	74.7	75.6	81	71
25	94	56	76.0	50.7	0	10	81	20	47	0.00	28.38	29.82	SE	9.7	28.9	22.46	74.8	75.7	81	70
26	96	65	80.0	56.3	0	16	79	22	48	0.00	28.34	29.78	SSE	14.9	38.4	21.71	76.5	77.5	82	73
27	92	64	78.4	62.7	0	13	76	39	60	0.00	28.37	29.82	SSE	16.7	36.8	16.95	76.5	77.4	81	73
28	79	54	67.6	55.2	0	1	98	32	68	1.13	28.55	30.00	N	13.4	34.0	17.22	74.1	73.6	78	69
29	78	48	63.0	47.0	2	0	97	22	63	0.00	28.59	30.04	NNW	5.4	12.6	22.84	70.3	69.1	75	64
30	88	53	69.6	52.0	0	6	90	29	58	0.00	28.38	29.83	SSE	12.0	27.2	22.03	70.8	70.4	77	65
	92	64	77.8	57.7	<- Monthly Averages ->						28.51	29.96	SSE	9.7	40.9	19.91	80.2	80.4	85	76

Temperature - Highest: 105 Lowest: 48	Degree Days - Total HDD: 3 Total CDD: 398	Number of Days With: Tmax ≥ 90: 20 Tmax ≤ 32: 0 Tmin ≤ 32: 0 Tmin ≤ 0: 0	Rainfall ≥ 0.01 inch: 7 Rainfall ≥ 0.10 inch: 3 Avg Wind Speed ≥ 10 mph: 12 Max Wind Speed ≥ 30 mph: 8
Rainfall: Monthly Total: 2.16 in. Greatest 24 Hr: 1.13 in.	Humidity - Highest: 98 Lowest: 11		

MESONET CLIMATOLOGICAL DATA SUMMARY      October      2013      Time Zone: Midnight-Midnight CST  
 (ALTU) Altus      Nearest City: 3.0 S      Altus      County: Jackson  
 Latitude: 34-35-13      Longitude: 99-20-17      Elevation: 1365 feet

DAY	TEMPERATURE ( F )				DEG DAYS		HUMIDITY (%)			RAIN (in)	PRESSURE (in)		WIND SPEED (mph)			SOLAR (MJ/m2)	4" SOIL TEMPERATURES			
	MAX	MIN	AVG	DEWPT	HDD	CDD	MAX	MIN	AVG		STN	MSL	DIR	AVG	MAX		SOD	BARE	MAX	MIN
1	91	59	74.0	57.8	0	10	87	29	60	0.00	28.39	29.84	SE	13.7	30.1	21.19	72.5	73.1	79	68
2	89	66	76.3	64.5	0	12	92	43	69	0.00	28.42	29.86	SSE	14.0	35.3	18.41	74.4	75.4	80	71
3	93	68	80.0	65.8	0	16	97	36	66	0.00	28.33	29.78	SSE	17.0	34.0	20.21	76.1	77.2	82	73
4	92	61	80.1	64.4	0	11	88	40	60	0.27	28.33	29.78	SSE	18.3	47.6	19.20	77.3	78.5	82	75
5	70	48	58.6	36.6	6	0	83	24	46	0.00	28.64	30.09	N	14.5	43.5	19.40	70.9	70.5	77	67
6	79	40	59.5	34.7	5	0	86	15	46	0.00	28.66	30.12	NNW	9.6	29.9	21.31	66.8	66.6	72	61
7	81	46	63.5	40.9	1	0	90	20	50	0.00	28.66	30.12	ESE	5.9	13.7	20.78	68.1	68.6	76	62
8	86	47	66.4	40.5	0	2	78	18	44	0.00	28.55	30.00	SSE	11.1	24.9	19.83	68.6	69.1	75	64
9	84	51	68.1	46.0	0	2	84	25	49	0.00	28.50	29.95	SE	13.4	31.4	18.29	68.8	69.4	74	65
10	86	57	71.5	56.1	0	6	86	35	61	0.00	28.43	29.88	SE	15.7	35.5	19.47	70.0	70.9	76	66
11	90	61	73.6	43.7	0	10	92	12	44	0.00	28.36	29.81	SW	11.5	30.9	19.99	71.6	72.5	77	69
12	78	54	65.4	45.2	0	1	70	31	49	0.00	28.57	30.03	NNE	12.5	29.4	19.51	70.1	70.6	75	67
13	75	59	66.9	58.7	0	2	92	63	75	0.00	28.70	30.16	ESE	12.1	30.0	7.15	69.4	69.7	72	68
14	79	66	71.0	66.7	0	8	98	69	87	0.01	28.50	29.95	SSE	11.4	21.2	5.06	70.2	70.6	72	70
15	69	53	58.1	43.2	4	0	99	40	59	0.00	28.61	30.06	N	15.0	34.8	7.18	68.0	67.8	71	65
16	57	41	50.6	36.7	16	0	83	43	59	0.00	28.68	30.14	NNE	9.7	21.2	10.99	64.6	64.2	67	62
17	73	35	54.8	39.4	11	0	93	28	61	0.00	28.57	30.02	SE	6.3	15.9	18.73	63.2	63.0	69	57
18	57	35	49.2	45.0	19	0	98	65	86	0.18	28.59	30.04	N	13.2	40.5	2.15	62.2	61.5	65	56
19	68	32	48.0	35.0	15	0	99	22	68	0.01	28.67	30.13	WNW	8.2	19.1	19.16	57.6	57.0	63	51
20	75	39	57.4	44.5	8	0	93	36	66	0.00	28.42	29.87	S	11.8	24.1	18.51	59.2	59.5	66	54
21	66	43	55.7	40.2	10	0	86	30	59	0.00	28.59	30.05	NNE	15.0	38.7	16.39	61.0	61.4	65	59
22	82	38	58.1	37.1	5	0	90	17	53	0.00	28.64	30.10	W	8.6	22.2	18.05	60.1	60.5	67	55
23	87	41	62.7	36.1	1	0	88	12	46	0.00	28.60	30.05	SW	9.0	30.4	18.02	61.8	62.5	68	57
24	67	45	55.6	41.0	9	0	90	34	61	0.00	28.77	30.23	NE	12.3	30.4	17.52	62.1	62.5	67	59
25	68	39	53.5	41.7	12	0	87	45	66	0.00	28.83	30.30	SE	9.0	20.8	14.56	60.5	60.6	64	57
26	78	51	61.6	52.1	1	0	96	36	73	0.01	28.66	30.12	SE	11.2	30.1	12.41	62.6	63.1	67	60
27	72	39	55.5	38.6	9	0	93	20	59	0.00	28.61	30.06	NNW	7.6	16.9	17.72	62.7	62.8	67	58
28	72	51	62.1	59.3	4	0	100	78	91	0.00	28.52	29.96	SE	14.2	31.2	3.65	62.4	62.4	64	60
29	84	67	73.4	64.7	0	10	92	52	76	0.00	28.48	29.93	SSE	14.9	30.2	10.39	66.2	67.0	70	64
30	82	63	73.0	65.6	0	8	98	35	79	0.91	28.37	29.81	SSE	15.9	63.0	6.13	68.1	68.8	71	67
31	68	52	59.5	46.4	5	0	95	34	64	0.01	28.33	29.77	SSE	14.1	44.4	16.91	64.0	63.3	69	59
	77	50	63.3	48.0	<- Monthly Averages ->						28.55	30.00	SSE	12.2	63.0	15.43	66.5	66.8	71	63

Temperature - Highest: 93 Lowest: 32	Degree Days - Total HDD: 140 Total CDD: 98	Number of Days With: Tmax ≥ 90: 4      Rainfall ≥ 0.01 inch: 7 Tmax ≤ 32: 0      Rainfall ≥ 0.10 inch: 3 Tmin ≤ 32: 1      Avg Wind Speed ≥ 10 mph: 22 Tmin ≤ 0: 0      Max Wind Speed ≥ 30 mph: 19
Rainfall: Monthly Total: 1.40 in. Greatest 24 Hr: 0.91 in.	Humidity - Highest: 100 Lowest: 12	