

MESONET CLIMATOLOGICAL DATA SUMMARY
 (WEAT) Weatherford
 Latitude: 35-30-29

May 2012
 Nearest City: 4.0 WSW Weatherford
 Longitude: 98-46-30

Time Zone: Midnight-Midnight CST
 County: Custer
 Elevation: 1765 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	58	73.2	61.9	0	8	93	43	70	0.05	27.89	29.74	SSE	20.3	41.3	26.23	69.8	70.9	79	64
2	89	66	75.8	65.7	0	13	92	46	73	0.00	27.89	29.74	S	19.2	34.7	28.87	71.5	75.3	85	67
3	94	66	78.7	63.8	0	15	91	28	64	0.00	27.95	29.80	SSE	15.3	26.8	27.79	72.8	78.2	88	70
4	96	69	79.2	59.8	0	18	87	18	56	0.00	27.96	29.82	S	14.7	33.5	22.01	73.3	78.3	86	72
5	99	64	80.2	62.4	0	16	82	21	59	0.00	27.90	29.75	S	16.8	31.9	29.40	73.7	80.1	91	70
6	89	64	76.4	59.3	0	12	93	16	61	0.00	27.94	29.79	SSE	14.1	34.5	22.37	74.6	80.0	87	74
7	69	59	62.4	51.8	1	0	84	50	69	0.00	28.14	30.01	NNE	17.4	33.9	13.51	71.7	72.8	77	69
8	73	51	61.7	39.1	3	0	76	25	45	0.00	28.22	30.09	NNE	9.4	26.6	18.20	69.1	69.2	76	63
9	81	47	66.0	39.1	1	0	82	16	42	0.00	28.17	30.04	WNW	6.0	17.0	30.72	68.8	71.9	85	60
10	83	53	68.1	42.5	0	3	69	20	43	0.00	28.05	29.91	SSW	11.2	28.5	28.53	70.1	74.1	84	64
11	64	57	58.9	54.3	5	0	98	55	86	0.96	28.12	29.99	NE	10.5	31.6	4.76	67.8	66.6	73	62
12	72	55	61.7	54.4	1	0	98	47	79	0.23	28.31	30.19	NE	10.4	21.1	15.58	66.0	64.3	69	61
13	76	52	63.7	52.0	1	0	96	35	69	0.00	28.34	30.21	NNE	8.3	18.3	27.23	67.9	65.5	73	58
14	78	56	66.4	51.0	0	2	91	31	62	0.00	28.26	30.13	E	5.2	13.4	21.95	68.9	67.8	76	61
15	87	54	70.8	48.3	0	6	90	16	53	0.00	28.19	30.06	WSW	6.9	20.3	30.78	69.7	72.0	85	61
16	89	57	74.0	46.6	0	8	78	16	44	0.00	28.17	30.04	SE	8.5	20.5	31.36	71.7	76.2	88	65
17	92	61	76.3	49.9	0	12	72	18	44	0.00	28.06	29.92	SSE	14.0	28.0	29.53	72.4	77.5	88	68
18	90	63	76.7	51.8	0	12	69	24	45	0.00	27.93	29.79	SSE	19.7	40.5	29.66	73.0	78.7	87	71
19	88	63	75.5	60.1	0	11	91	39	61	0.38	27.96	29.81	S	20.1	40.3	26.34	73.7	78.9	88	72
20	71	58	63.1	57.7	0	0	94	61	83	0.19	28.26	30.14	NE	8.7	18.9	7.63	70.7	69.4	76	66
21	82	60	69.5	57.3	0	6	95	40	68	0.25	28.30	30.17	ENE	8.0	19.4	26.60	71.0	70.7	80	64
22	91	61	74.8	56.5	0	11	79	31	56	0.00	28.06	29.92	SSE	14.3	29.8	29.30	72.5	73.6	84	65
23	95	66	80.8	58.4	0	16	78	27	50	0.00	27.70	29.55	S	22.3	44.1	29.87	73.7	78.4	88	69
24	90	65	77.1	58.1	0	12	85	26	55	0.00	27.70	29.54	S	11.0	35.4	26.50	75.7	80.7	90	73
25	94	70	81.5	67.5	0	17	93	40	65	0.00	27.89	29.74	SSE	19.1	37.9	28.32	76.9	82.8	92	74
26	94	73	81.9	64.0	0	19	81	26	57	0.00	28.03	29.89	S	19.8	37.0	25.08	77.9	83.8	91	77
27	92	70	79.4	61.3	0	16	75	34	55	0.00	27.96	29.82	S	21.8	40.4	21.36	76.6	81.2	87	76
28	97	67	81.0	50.4	0	17	80	14	42	0.00	27.96	29.82	S	9.2	25.5	31.11	77.9	84.2	95	75
29	94	61	78.3	61.6	0	13	88	37	59	0.00	27.99	29.84	SSW	13.3	39.0	28.18	78.8	84.6	94	75
30	90	63	74.1	57.7	0	11	86	29	60	0.08	27.96	29.81	SSE	17.7	64.6	20.83	77.5	81.0	88	76
31	79	57	68.8	49.7	0	3	87	27	54	0.00	28.07	29.94	NNE	16.4	41.3	28.88	75.8	77.2	86	70
	86	61	72.8	55.3	<- Monthly Averages ->						28.04	29.90	S	13.9	64.6	24.79	72.6	75.7	84	68

Temperature - Highest: 99 Lowest: 47	Degree Days - Total HDD: 12 Total CDD: 274	Number of Days With: Tmax ≥ 90: 14 Tmax ≤ 32: 0 Tmin ≤ 32: 0 Tmin ≤ 0: 0	Rainfall ≥ 0.01 inch: 7 Rainfall ≥ 0.10 inch: 5 Avg Wind Speed ≥ 10 mph: 22 Max Wind Speed ≥ 30 mph: 17
Rainfall: Monthly Total: 2.14 in. Greatest 24 Hr: 0.96 in.	Humidity - Highest: 98 Lowest: 14		

MESONET CLIMATOLOGICAL DATA SUMMARY June 2012 Time Zone: Midnight-Midnight CST
 (WEAT) Weatherford Nearest City: 4.0 WSW Weatherford County: Custer
 Latitude: 35-30-29 Longitude: 98-46-30 Elevation: 1765 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	75	55	62.2	50.6	0	0	85	44	67	0.13	28.11	29.98	ESE	11.7	27.7	20.17	73.5	73.4	80	68
2	91	53	71.7	57.5	0	7	97	30	66	0.09	28.01	29.87	ESE	9.1	24.5	27.47	73.2	76.4	90	65
3	94	62	77.7	65.1	0	13	95	39	68	0.30	27.96	29.82	SE	12.5	42.9	24.50	75.8	79.7	89	72
4	89	70	79.1	65.5	0	14	84	41	64	0.00	28.00	29.86	SE	10.3	27.0	24.32	77.6	81.5	92	74
5	92	67	77.1	63.7	0	14	93	33	66	0.00	27.99	29.85	ENE	8.5	26.5	20.99	78.7	82.8	92	75
6	81	64	69.6	65.0	0	7	99	58	86	3.32	28.02	29.88	E	10.2	48.9	9.59	74.0	76.2	82	71
7	77	62	68.6	60.9	0	5	97	48	78	0.01	28.16	30.02	SE	12.0	32.4	24.26	72.1	72.6	78	68
8	84	58	71.2	57.2	0	6	91	37	64	0.00	28.12	29.98	SE	8.8	22.3	30.32	73.1	72.9	81	65
9	91	64	77.3	62.3	0	13	82	38	62	0.00	27.91	29.77	SSE	17.2	32.7	29.73	74.1	73.6	80	67
10	100	70	83.0	64.7	0	20	87	22	59	0.00	27.82	29.66	SSE	19.3	39.7	29.71	75.9	75.5	82	70
11	93	68	79.9	63.6	0	16	95	24	62	0.00	28.02	29.88	NE	14.6	31.3	23.87	77.8	76.0	81	72
12	85	63	73.3	59.4	0	9	89	27	65	0.02	28.21	30.08	SE	12.2	38.2	18.35	75.8	72.0	78	68
13	83	65	73.9	63.2	0	9	94	49	71	0.00	28.09	29.95	SE	14.2	42.7	25.24	75.9	75.4	84	69
14	96	68	81.1	66.9	0	17	91	34	65	0.00	27.99	29.85	SSE	18.7	36.4	28.53	77.1	79.9	90	71
15	91	64	78.1	64.1	0	13	95	37	66	0.00	28.07	29.94	SSE	14.2	35.9	28.06	78.4	82.7	92	73
16	93	68	78.0	67.5	0	15	95	37	73	0.33	28.13	30.00	SSE	11.9	48.6	24.04	79.4	83.5	94	76
17	91	69	78.9	63.7	0	15	94	33	64	0.00	28.04	29.90	S	14.2	38.8	26.21	77.9	79.7	86	74
18	95	66	80.5	64.3	0	15	95	34	61	0.00	27.88	29.73	SSE	20.7	38.8	30.85	77.6	82.0	93	72
19	91	71	81.0	64.3	0	16	82	39	59	0.00	27.92	29.77	SSE	23.3	42.2	30.36	78.6	84.7	94	76
20	92	72	80.2	66.5	0	17	88	41	65	0.00	28.01	29.87	S	20.8	35.4	20.45	78.6	84.0	91	78
21	81	67	72.3	65.9	0	9	96	60	81	0.08	28.19	30.06	E	7.2	22.6	11.35	77.3	78.6	83	75
22	91	67	78.2	68.5	0	14	97	46	75	0.00	28.13	29.99	SE	8.3	20.6	22.97	78.0	81.6	93	73
23	99	72	85.0	62.1	0	20	87	22	52	0.00	28.03	29.89	SSE	16.5	33.0	31.25	79.7	86.7	97	77
24	101	70	85.3	59.7	0	20	75	22	46	0.00	28.09	29.95	SSE	12.0	23.2	30.78	80.9	88.6	100	79
25	105	71	88.2	58.6	0	23	73	15	42	0.00	28.06	29.92	S	8.4	17.2	30.88	82.1	90.3	101	80
26	107	74	90.5	57.1	0	26	62	13	38	0.00	27.98	29.84	SE	10.3	23.5	30.70	83.1	91.5	102	82
27	105	75	89.3	64.5	0	25	77	22	48	0.00	28.04	29.90	SSE	15.1	28.8	29.95	83.8	92.1	102	84
28	104	72	88.2	59.0	0	23	70	18	41	0.00	28.10	29.97	SSE	14.2	29.4	30.18	83.8	91.5	101	83
29	102	72	87.4	56.4	0	22	63	19	38	0.00	28.05	29.92	SSE	15.1	30.2	30.40	83.8	91.2	100	83
30	101	74	86.9	60.1	0	22	70	22	44	0.00	28.01	29.87	SSE	15.2	29.6	30.46	84.1	91.5	100	84
	93	67	79.1	62.3	<- Monthly Averages ->						28.04	29.90	SSE	13.6	48.9	25.86	78.1	81.6	90	74

Temperature - Highest: 107 Lowest: 53	Degree Days - Total HDD: 0 Total CDD: 445	Number of Days With: Tmax ≥ 90: 22 Tmax ≤ 32: 0 Tmin ≤ 32: 0 Tmin ≤ 0: 0	Rainfall ≥ 0.01 inch: 8 Rainfall ≥ 0.10 inch: 4 Avg Wind Speed ≥ 10 mph: 24 Max Wind Speed ≥ 30 mph: 17
Rainfall: Monthly Total: 4.28 in. Greatest 24 Hr: 3.32 in.	Humidity - Highest: 99 Lowest: 13		

MESONET CLIMATOLOGICAL DATA SUMMARY July 2012 Time Zone: Midnight-Midnight CST
 (WEAT) Weatherford Nearest City: 4.0 WSW Weatherford County: Custer
 Latitude: 35-30-29 Longitude: 98-46-30 Elevation: 1765 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	95	70	83.4	62.4	0	18	82	30	52	0.00	28.09	29.95	SSE	14.1	32.4	29.77	84.0	90.8	98	83
2	95	73	83.3	63.4	0	19	76	30	54	0.00	28.11	29.97	S	16.3	34.1	24.89	83.3	89.1	95	83
3	99	77	86.2	60.1	0	23	67	20	44	0.00	28.08	29.94	S	17.2	34.9	27.90	83.4	89.7	97	83
4	100	74	86.8	61.0	0	22	69	24	45	0.00	28.06	29.92	S	16.5	33.0	27.96	83.8	90.4	98	83
5	100	73	86.5	60.9	0	22	69	26	45	0.00	28.10	29.96	SSE	14.8	26.8	26.85	84.1	90.5	97	83
6	101	73	87.6	57.7	0	22	64	21	39	0.00	28.14	30.01	SSE	10.8	23.9	29.64	84.8	91.6	100	84
7	97	74	85.4	59.3	0	21	64	25	44	0.00	28.17	30.04	S	8.0	20.9	7.51	84.1	88.7	92	84
8	97	70	84.4	60.5	0	19	77	27	48	0.00	28.16	30.03	ENE	9.5	33.4	9.27	84.1	88.2	95	82
9	94	72	79.2	66.8	0	18	94	35	69	0.15	28.15	30.02	NNE	12.3	35.8	7.19	84.5	86.8	93	82
10	88	71	77.6	66.6	0	15	90	40	71	0.00	28.17	30.03	NNE	11.9	24.9	18.06	82.2	82.3	88	78
11	95	67	82.0	56.6	0	16	84	21	47	0.00	28.15	30.02	NE	8.5	20.7	27.69	82.0	84.8	93	76
12	97	69	84.4	54.0	0	18	61	21	38	0.00	28.13	29.99	SE	7.4	21.9	28.74	82.5	87.6	96	79
13	99	72	85.4	57.9	0	20	72	19	43	0.00	28.14	30.01	SSE	8.5	18.6	28.94	83.6	89.6	98	81
14	100	71	84.9	60.7	0	21	75	22	48	0.00	28.15	30.02	SSE	9.8	24.1	26.79	84.4	90.4	99	83
15	98	70	83.9	59.9	0	19	74	25	48	0.00	28.13	30.00	SSE	10.7	25.4	27.37	84.7	90.3	98	83
16	97	70	83.5	60.8	0	19	83	26	50	0.00	28.07	29.93	SSE	13.3	27.7	29.27	84.7	90.3	98	83
17	100	71	85.6	58.6	0	21	76	21	44	0.00	28.04	29.90	S	15.4	32.0	28.56	84.7	90.2	97	83
18	102	75	88.3	59.7	0	23	72	21	42	0.00	28.10	29.96	S	12.7	26.4	28.68	85.5	91.3	99	84
19	104	76	90.7	56.3	0	25	62	16	35	0.00	28.15	30.02	SSW	10.4	22.2	29.41	86.8	92.9	101	85
20	105	77	90.5	54.5	0	26	51	16	32	0.00	28.15	30.02	S	7.0	19.9	25.34	87.3	93.1	100	86
21	106	75	89.5	50.5	0	25	54	10	30	0.00	28.13	30.00	E	11.4	25.8	30.32	87.6	92.0	99	85
22	102	74	89.2	57.4	0	23	55	21	36	0.00	28.14	30.01	SE	11.5	26.8	29.73	88.0	92.3	100	85
23	102	76	88.6	61.9	0	24	70	24	44	0.00	28.15	30.02	SSE	15.3	32.1	26.55	88.2	92.6	99	87
24	101*	75*	88.0*	60.3*	0*	23*	68*	23*	42*	0.00*	28.09*	29.95*	SSW*	16.0*	32.2*	NA	87.8*	91.7*	98*	86*
25	105	80	91.3	58.7	0	27	57	18	36	0.00	27.97	29.83	SSW	18.6	38.4	28.75	88.3	91.8	98	86
26	98	75	86.7	60.8	0	22	65	27	43	0.00	28.02	29.88	SSW	8.1	28.3	19.81	88.4	91.2	97	86
27	102	71	86.6	61.0	0	21	74	22	46	0.00	28.15	30.01	SSE	6.9	27.9	26.57	88.7	91.9	100	84
28	104	77	90.6	59.5	0	26	65	19	39	0.00	28.20	30.06	SSW	11.2	26.3	28.92	89.8	93.3	100	87
29	106	78	92.1	51.9	0	27	51	14	29	0.00	28.14	30.00	S	11.1	27.6	28.55	90.0	93.6	101	87
30	108	77	92.5	49.1	0	27	42	13	25	0.00	28.08	29.94	S	11.3	25.7	27.37	90.1	93.6	101	87
31	110	77	94.0	50.4	0	29	47	12	26	0.00	28.06	29.92	SSE	10.6	22.6	27.98	90.9	94.7	103	87
	100*	74*	86.7*	58.7*	<- Monthly Averages ->						28.12*	29.98*	SSE*	11.8*	38.4*	25.48*	85.9*	90.5*	98*	84*

Temperature - Highest: 110*	Degree Days - Total HDD: 0*	Number of Days With: Tmax ≥ 90: 30* Rainfall ≥ 0.01 inch: 1* Tmax ≤ 32: 0* Rainfall ≥ 0.10 inch: 1* Tmin ≤ 32: 0* Avg Wind Speed ≥ 10 mph: 22* Tmin ≤ 0: 0* Max Wind Speed ≥ 30 mph: 10*
Lowest: 67*	Total CDD: 680*	
Rainfall: Monthly Total: 0.15* in.	Humidity - Highest: 94*	
Greatest 24 Hr: 0.15* in.	Lowest: 10*	

MESONET CLIMATOLOGICAL DATA SUMMARY August 2012 Time Zone: Midnight-Midnight CST
 (WEAT) Weatherford Nearest City: 4.0 WSW Weatherford County: Custer
 Latitude: 35-30-29 Longitude: 98-46-30 Elevation: 1765 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	111	77	95.6	50.3	0	29	49	12	24	0.00	28.00	29.86	SSW	9.9	22.9	28.71	91.9	96.0	104	88
2	112	80	96.2	49.5	0	31	41	12	23	0.00	27.93	29.78	SSW	12.3	28.5	28.48	92.3	96.5	103	89
3	112	79	95.7	49.5	0	30	39	11	23	0.00	27.91	29.77	S	14.3	31.3	28.14	92.3	96.1	103	89
4	109	80	93.6	55.2	0	30	54	13	30	0.00	28.04	29.90	SSW	15.2	33.2	27.22	92.3	95.9	103	89
5	95	71	82.4	60.6	0	18	78	30	50	0.00	28.27	30.15	ENE	11.1	30.2	23.71	91.2	93.3	99	87
6	103*	74*	87.5*	57.2*	0*	23*	57*	21*	38*	0.00*	28.19*	30.06*	E *	10.1*	28.7*	NA	90.8*	92.9*	100*	86*
7	105	78	89.8	59.0	0	26	65	16	39	0.00	28.09	29.96	S	11.7	31.6	22.70	90.8	93.3	100	87
8	100	72	86.6	58.7	0	21	76	23	43	0.00	28.12	29.98	ENE	10.9	33.7	27.37	90.8	93.2	101	86
9	101	70	87.0	54.7	0	21	75	18	38	0.00	28.10	29.97	NNE	11.8	32.1	27.86	90.7	92.8	100	86
10	93	66	79.7	49.3	0	15	66	17	38	0.00	28.17	30.03	NE	10.5	22.3	26.32	89.1	90.0	97	83
11	98	65	82.0	46.8	0	16	56	17	32	0.00	28.11	29.97	SE	13.0	27.3	24.95	87.9	88.5	96	82
12	102	74	85.5	51.8	0	23	57	15	34	0.00	28.07	29.93	NNE	12.5	28.3	25.72	89.1	90.5	98	84
13	94	70	81.0	50.3	0	17	52	20	36	0.00	28.17	30.04	NNE	10.1	22.5	27.37	88.7	89.7	98	83
14	84	68	75.7	55.0	0	11	81	34	50	0.00	28.08	29.94	SE	15.2	35.1	8.73	86.2	84.8	89	82
15	99	68	82.8	64.3	0	18	94	26	59	0.00	28.02	29.88	SSE	13.5	29.9	24.81	85.6	85.8	93	79
16	92	73	82.6	62.6	0	18	75	33	53	0.00	28.11	29.97	SSE	11.5	30.9	18.07	87.4	88.1	93	84
17	90	66	75.9	49.1	0	13	54	26	40	0.00	28.17	30.03	NE	12.6	29.7	19.63	85.4	85.6	92	80
18	79	63	73.0	57.7	0	6	87	39	60	0.00	28.08	29.94	E	12.2	40.4	18.75	84.6	84.0	88	81
19	87	62	74.1	48.4	0	9	91	22	46	0.00	28.14	30.00	NNE	13.7	31.4	27.20	83.3	82.4	89	76
20	89	61	74.8	44.4	0	10	81	15	39	0.29	28.16	30.02	NE	7.9	22.7	24.00	83.6	83.3	92	76
21	85	64	72.9	60.3	0	10	89	43	67	0.00	28.20	30.07	S	8.0	18.3	22.73	82.7	81.8	90	75
22	86	61	74.0	60.8	0	8	97	42	67	0.00	28.20	30.06	SSW	11.9	26.8	20.17	79.7	80.1	87	73
23	91	69	77.6	60.3	0	15	76	38	56	0.00	28.11	29.97	SSE	15.1	36.9	11.35	78.6	79.0	84	75
24	89	69	78.3	65.1	0	14	89	47	65	0.20	28.00	29.86	SSE	17.6	33.9	14.55	78.4	79.0	84	75
25	95	69	79.3	65.0	0	17	94	32	65	0.52	27.96	29.82	SSE	14.5	35.5	22.82	79.1	82.1	92	75
26	91	67	77.9	66.9	0	14	96	38	72	0.01	28.14	30.00	W	5.8	14.5	23.88	80.4	81.1	91	73
27	93	68	79.6	64.8	0	16	94	32	64	0.00	28.23	30.10	ENE	9.1	24.0	25.22	81.4	83.5	94	75
28	93	66	78.8	55.3	0	14	84	19	50	0.00	28.21	30.08	ENE	11.2	25.2	26.10	80.9	83.2	92	75
29	93	65	78.7	49.5	0	14	69	19	40	0.00	28.13	29.99	ENE	8.6	24.2	25.34	80.6	82.8	93	74
30	96	66	80.5	50.3	0	16	58	18	37	0.00	28.06	29.92	ENE	9.7	27.1	25.81	80.9	83.3	92	75
31	97	66	83.1	55.4	0	16	70	23	42	0.00	28.07	29.94	NNE	8.4	26.9	23.93	82.3	85.3	94	77

96* 69* 82.0* 55.7* <- Monthly Averages -> 28.10* 29.97* ENE* 11.6* 40.4* 23.39* 85.8* 87.2* 95* 81*

Temperature - Highest: 112* Lowest: 61*	Degree Days - Total HDD: 0* Total CDD: 539*	Number of Days With: Tmax ≥ 90: 24* Tmax ≤ 32: 0* Tmin ≤ 32: 0* Tmin ≤ 0: 0*	Rainfall ≥ 0.01 inch: 4* Rainfall ≥ 0.10 inch: 3* Avg Wind Speed ≥ 10 mph: 23* Max Wind Speed ≥ 30 mph: 13*
Rainfall: Monthly Total: 1.02* in. Greatest 24 Hr: 0.52* in.	Humidity - Highest: 97* Lowest: 11*		

MESONET CLIMATOLOGICAL DATA SUMMARY September 2012 Time Zone: Midnight-Midnight CST
 (WEAT) Weatherford Nearest City: 4.0 WSW Weatherford County: Custer
 Latitude: 35-30-29 Longitude: 98-46-30 Elevation: 1765 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	102	71	86.6	52.6	0	21	74	14	37	0.00	28.13	29.99	SSE	6.4	18.8	24.81	83.8	87.4	97	79
2	103	75	88.9	55.6	0	24	58	16	36	0.00	28.07	29.93	S	10.7	25.4	23.05	84.5	88.2	96	81
3	104	77	89.5	58.6	0	25	58	19	38	0.00	28.05	29.91	S	10.7	24.8	22.17	85.3	89.1	96	83
4	105	71	87.3	58.1	0	23	83	20	41	0.10	28.02	29.88	S	10.4	44.3	20.44	85.7	89.3	96	83
5	100	69	82.9	62.4	0	19	91	24	55	0.35	28.03	29.89	NNW	12.7	46.3	22.19	84.4	86.4	96	79
6	94	69	80.6	64.2	0	17	92	31	61	0.00	28.07	29.93	SSW	9.0	22.3	23.46	82.5	83.8	93	76
7	98	65	79.1	59.8	0	17	81	29	54	0.00	28.06	29.92	NNE	17.1	49.5	18.86	81.5	84.0	91	78
8	82	57	70.3	43.1	0	4	78	20	42	0.00	28.31	30.18	N	10.0	25.2	25.38	77.8	79.0	87	71
9	89	57	74.4	38.3	0	8	62	14	30	0.00	28.26	30.14	WNW	5.6	15.7	25.02	76.9	78.5	89	68
10	92	62	76.0	40.3	0	12	60	13	32	0.00	28.20	30.07	SSE	11.9	26.8	25.04	77.5	79.5	88	72
11	94	64	79.2	44.7	0	14	48	19	31	0.00	28.12	29.98	S	19.0	37.0	23.78	77.8	79.8	87	73
12	95	65	79.9	51.7	0	15	60	22	39	0.00	28.11	29.98	SSE	16.7	33.1	22.51	78.7	80.8	87	74
13	79	55	58.6	54.0	0	2	97	46	86	0.34	28.33	30.21	NNE	20.4	36.1	3.96	75.4	72.4	82	65
14	57	54	55.5	53.8	9	0	97	88	94	0.03	28.40	30.28	NNE	15.5	28.1	3.61	68.1	62.5	65	61
15	71	56	62.3	57.1	1	0	95	67	84	0.00	28.30	30.17	N	6.2	15.7	12.38	68.5	65.8	73	61
16	79	57	66.9	57.8	0	3	98	42	76	0.01	28.16	30.03	S	8.5	18.1	19.26	71.0	70.8	80	63
17	84	55	68.5	56.5	0	4	99	32	70	0.00	28.06	29.92	S	8.6	31.8	19.79	72.5	73.8	83	65
18	79	50	65.2	40.9	1	0	80	20	46	0.00	28.23	30.10	NNE	9.8	32.9	22.85	72.4	73.7	83	65
19	90	55	72.2	47.5	0	7	60	27	43	0.00	28.16	30.02	SSW	16.2	33.4	22.17	72.1	73.6	82	66
20	93	59	76.7	49.3	0	11	71	17	42	0.00	28.10	29.96	S	10.0	20.8	20.78	74.3	77.0	86	69
21	94	62	77.5	49.6	0	13	61	21	40	0.00	28.08	29.95	SSW	9.8	22.4	20.68	75.7	78.8	87	71
22	91	61	75.1	45.7	0	11	64	19	38	0.00	28.21	30.08	ENE	15.2	31.2	20.97	75.9	78.2	85	72
23	89	58	71.0	41.1	0	8	65	18	36	0.00	28.26	30.14	ENE	13.4	26.8	20.36	75.3	76.6	83	70
24	93	63	78.5	50.1	0	13	69	21	40	0.00	28.10	29.96	SSW	17.1	40.9	18.16	75.6	77.1	83	71
25	93	66	78.3	56.2	0	14	97	29	50	0.32	27.99	29.84	SSW	20.0	60.2	18.75	76.5	78.6	85	74
26	87	63	73.6	62.5	0	10	97	41	70	1.81	28.07	29.94	S	15.3	47.3	18.81	74.2	75.8	85	69
27	71	63	65.4	62.2	0	2	97	74	90	0.51	28.24	30.11	ENE	9.4	25.1	7.45	70.4	69.6	72	67
28	74	62	67.3	63.2	0	3	98	71	87	0.00	28.22	30.09	ENE	5.4	14.7	10.64	71.4	69.7	74	66
29	67	64	65.8	63.5	0	1	98	86	92	0.45	28.17	30.04	NE	9.0	18.9	3.78	71.0	68.4	70	67
30	74	57	65.4	56.6	0	1	93	42	75	0.00	28.09	29.96	NNE	8.9	21.6	19.77	70.6	68.0	74	64
	87	62	73.9	53.2	<- Monthly Averages ->						28.15	30.02	S	12.0	60.2	18.70	76.2	77.2	85	71

Temperature - Highest: 105 Lowest: 50	Degree Days - Total HDD: 11 Total CDD: 303	Number of Days With: Tmax ≥ 90: 16 Tmax ≤ 32: 0 Tmin ≤ 32: 0 Tmin ≤ 0: 0	Rainfall ≥ 0.01 inch: 9 Rainfall ≥ 0.10 inch: 7 Avg Wind Speed ≥ 10 mph: 18 Max Wind Speed ≥ 30 mph: 13
Rainfall: Monthly Total: 3.92 in. Greatest 24 Hr: 1.81 in.	Humidity - Highest: 99 Lowest: 13		

MESONET CLIMATOLOGICAL DATA SUMMARY October 2012 Time Zone: Midnight-Midnight CST
 (WEAT) Weatherford Nearest City: 4.0 WSW Weatherford County: Custer
 Latitude: 35-30-29 Longitude: 98-46-30 Elevation: 1765 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	74	53	63.0	52.5	1	0	91	47	70	0.00	28.09	29.95	N	12.0	31.8	16.27	68.6	64.0	68	60
2	73	50	61.5	43.4	4	0	88	24	55	0.00	28.12	29.99	N	8.7	22.4	21.19	67.6	63.2	70	57
3	80	53	65.9	48.2	0	1	75	33	55	0.00	28.06	29.93	S	15.1	29.8	19.97	67.1	61.8	68	56
4	64	54	58.3	46.7	6	0	89	53	66	0.00	28.25	30.12	NNE	15.7	35.4	6.29	66.3	60.0	62	58
5	62	45	53.5	38.4	12	0	68	41	57	0.00	28.29	30.17	NE	16.7	28.3	18.03	64.6	57.8	63	54
6	48	38	44.0	31.3	22	0	80	47	61	0.00	28.39	30.27	NE	14.1	26.2	5.14	61.3	50.9	54	48
7	46	35	40.0	31.6	24	0	87	44	73	0.00	28.40	30.28	NNE	6.7	15.5	7.23	58.5	48.0	51	45
8	62	34	48.2	33.7	17	0	92	33	61	0.00	28.22	30.09	SSW	13.4	30.6	18.55	57.3	49.1	57	42
9	76	46	58.7	44.7	4	0	90	29	63	0.00	28.05	29.92	S	15.1	30.1	19.59	60.1	56.7	67	49
10	64	45	55.9	37.2	11	0	74	31	52	0.00	28.29	30.16	NE	14.6	30.0	10.53	61.0	57.2	61	52
11	80	57	66.3	58.8	0	3	95	57	78	0.00	28.19	30.06	SSW	14.5	35.4	12.01	63.2	62.8	70	58
12	71	58	65.9	63.1	1	0	98	80	91	0.04	28.22	30.09	SSE	11.7	24.2	5.29	65.7	65.7	66	65
13	84	59	70.5	55.5	0	6	91	16	66	0.01	27.97	29.83	S	19.2	38.1	8.85	66.5	66.5	70	63
14	79	54	66.4	40.0	0	2	70	22	41	0.00	28.17	30.04	N	11.8	31.0	18.67	64.8	64.1	72	57
15	85*	53*	67.7*	42.8*	0*	4*	64*	20*	44*	0.00*	28.14*	30.00*	SW *	12.0*	32.6*	NA	64.3*	64.4*	73*	57*
16	83	56	67.9	51.4	0	4	79	33	58	0.00	27.84	29.69	S	16.0	32.1	18.24	65.5	66.9	75	60
17	75	50	64.3	38.5	2	0	87	17	44	0.00	27.80	29.65	N	18.4	41.1	18.23	65.7	66.9	73	62
18	69	44	54.9	22.0	9	0	46	15	30	0.00	28.11	29.98	NW	12.9	34.6	18.87	62.4	60.5	68	54
19	75	38	57.8	23.3	8	0	57	13	29	0.00	28.07	29.94	NW	13.0	29.0	18.66	61.2	59.2	68	52
20	80	53	65.9	46.2	0	2	85	34	50	0.00	27.89	29.74	S	12.1	23.6	17.58	63.3	63.9	73	56
21	94	62	75.2	58.0	0	13	90	18	61	0.00	27.86	29.71	S	18.4	39.6	16.96	66.4	69.2	77	63
22	84	64	71.9	60.3	0	9	88	34	69	0.00	27.97	29.83	S	19.3	38.0	8.86	68.0	70.0	74	68
23	90	64	74.3	62.9	0	12	97	33	72	0.00	27.95	29.81	S	21.6	39.8	16.73	68.6	71.1	78	66
24	81	65	71.1	64.2	0	8	97	60	80	0.00	27.93	29.78	S	21.3	36.1	9.72	69.5	71.1	75	68
25	69	41	53.3	41.1	10	0	81	45	64	0.00	28.14	30.00	NNE	22.4	42.2	16.69	67.1	66.1	70	59
26	50	33	39.5	25.8	24	0	85	33	60	0.00	28.47	30.35	NNE	17.8	34.5	16.29	61.4	55.0	60	51
27	51	26	38.1	22.2	26	0	84	30	56	0.00	28.40	30.28	NNE	6.0	15.4	17.63	58.7	51.6	60	44
28	60	33	45.9	24.9	18	0	66	26	46	0.00	28.35	30.22	SSE	8.0	18.4	16.74	57.9	52.6	62	45
29	67	35	51.2	29.5	14	0	73	25	46	0.00	28.29	30.16	SSW	12.2	25.7	15.87	58.5	54.7	62	48
30	80	43	60.1	34.6	3	0	62	20	41	0.00	28.11	29.98	SW	10.7	23.4	16.04	59.7	58.3	67	51
31	75	43	58.6	38.4	6	0	76	26	50	0.00	28.16	30.02	N	8.1	15.9	15.99	61.1	60.8	69	54

72* 48* 59.2* 42.3* <- Monthly Averages -> 28.14* 30.00* S * 14.2* 42.2* 14.89* 63.6* 61.0* 67* 56*

Temperature - Highest: 94*	Degree Days - Total HDD: 223*	Number of Days With: Tmax ≥ 90: 2* Rainfall ≥ 0.01 inch: 2* Tmax ≤ 32: 0* Rainfall ≥ 0.10 inch: 0* Tmin ≤ 32: 1* Avg Wind Speed ≥ 10 mph: 26* Tmin ≤ 0: 0* Max Wind Speed ≥ 30 mph: 18*
Lowest: 26*	Total CDD: 63*	
Rainfall: Monthly Total: 0.05* in.	Humidity - Highest: 98*	
Greatest 24 Hr: 0.04* in.	Lowest: 13*	