

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

May 2013
 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	77	39	59.1	54.0	7	0	95	65	84	0.00	28.06	29.92	SSE	19.9	41.9	15.50	65.6	67.3	74	59
2	52	36	40.8	33.2	21	0	96	36	77	0.28	28.49	30.38	N	24.5	52.4	15.16	55.6	51.1	58	46
3	62	30	46.5	30.6	19	0	92	27	59	0.00	28.31	30.19	NW	9.9	24.9	26.97	53.3	50.8	61	41
4	63	35	49.8	31.2	16	0	87	21	54	0.00	28.15	30.01	NNW	15.7	39.0	30.40	54.5	54.0	63	45
5	65	45	52.1	44.0	10	0	92	52	75	0.00	28.25	30.12	NNE	9.5	23.9	22.58	57.4	58.8	69	51
6	73	45	59.2	48.5	6	0	97	40	71	0.00	28.21	30.08	ESE	4.7	13.5	26.00	60.9	63.6	76	52
7	79	54	66.0	50.6	0	2	87	35	60	0.00	28.12	29.98	SE	13.4	30.6	24.38	63.9	67.5	77	60
8	84	58	68.4	56.6	0	6	93	46	67	0.00	28.00	29.85	S	14.9	35.2	19.57	65.3	68.8	76	62
9	72	59	65.5	60.2	0	1	97	71	83	0.00	28.05	29.92	NE	10.3	25.7	17.44	65.9	69.2	75	64
10	69	55	61.0	53.2	3	0	97	56	77	0.00	28.20	30.06	NNE	10.1	24.4	19.16	65.4	67.6	73	63
11	77	48	61.6	47.3	2	0	92	32	62	0.00	28.32	30.19	NE	10.4	28.7	29.30	65.1	67.5	78	58
12	77	43	61.7	40.7	5	0	86	24	50	0.00	28.31	30.18	SSW	11.7	29.1	28.38	65.2	67.2	77	58
13	91	55	72.3	44.3	0	8	70	17	41	0.00	28.20	30.07	SSW	13.6	28.3	29.75	67.5	71.5	83	61
14	88	58	73.9	47.4	0	8	62	22	41	0.00	28.12	29.99	SW	15.5	34.7	29.86	69.2	74.0	83	65
15	77*	60*	66.9*	58.4*	0*	3*	95*	51*	75*	0.01*	28.00*	29.86*	S	* 10.3*	22.7*	NA	68.5*	71.6*	76*	68*
16	77	57	65.3	59.5	0	2	99	53	83	0.00	27.96	29.82	E	7.6	18.6	20.69	68.4	72.4	82	65
17	78	58	68.7	66.3	0	3	99	74	92	0.01	27.98	29.84	ESE	9.9	24.5	11.08	68.8	71.7	76	68
18	94	65	75.8	66.2	0	15	98	35	76	0.25	27.90	29.75	SSE	18.5	61.7	20.37	70.7	75.0	85	70
19	94	66	77.5	55.6	0	15	94	11	57	0.00	27.78	29.63	SSW	16.0	37.9	28.69	70.6	74.8	85	67
20	85	57	71.2	57.8	0	6	93	34	66	0.00	27.86	29.71	NE	9.3	26.2	26.33	71.5	76.9	88	67
21	74	55	62.8	49.7	0	0	91	36	64	0.06	27.98	29.84	NNE	10.8	32.6	18.12	69.0	71.0	77	66
22	83	50	68.1	51.2	0	2	97	29	60	0.00	28.03	29.89	SE	9.6	22.3	29.06	69.1	72.9	85	62
23	81	60	67.9	59.1	0	6	92	50	75	0.00	28.14	30.01	E	15.2	29.6	18.09	70.4	73.7	81	69
24	86	59	71.0	63.8	0	8	96	55	79	0.00	28.23	30.10	SSE	14.9	30.6	16.09	70.2	72.9	81	67
25	84	60	70.8	62.4	0	7	95	50	76	0.00	28.20	30.07	S	14.7	34.1	24.21	71.4	75.0	83	68
26	90	66	76.1	66.4	0	13	97	43	74	0.00	28.07	29.93	SSE	18.3	35.4	24.54	73.1	77.5	86	71
27	92	69	78.1	66.8	0	16	90	39	71	0.15	27.91	29.76	S	22.6	50.0	26.42	74.6	79.3	87	73
28	82	71	75.0	66.7	0	11	89	60	76	0.00	27.87	29.72	S	20.4	43.2	18.08	73.1	75.7	80	72
29	81	57	70.5	64.4	0	4	96	62	82	1.11	27.82	29.67	SSE	19.1	40.6	10.15	70.7	72.6	78	65
30	90	68	77.5	62.4	0	14	95	19	67	0.00	27.78	29.63	W	18.2	41.3	27.64	70.7	72.4	78	66
31	96	67	78.2	65.3	0	17	92	32	68	0.00	27.82	29.67	S	12.4	30.5	27.53	74.5	75.5	83	69

80* 55* 66.4* 54.3*	<- Monthly Averages ->	28.07* 29.93*	S * 13.9* 61.7*	22.72*	67.1* 69.7* 78* 63*
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Temperature - Highest: 96*	Degree Days - Total HDD: 90*	Number of Days With:
Lowest: 30*	Total CDD: 166*	
Rainfall: Monthly Total: 1.87* in.	Humidity - Highest: 99*	Tmax ≥ 90: 7*
Greatest 24 Hr: 1.11* in.	Lowest: 11*	Tmax ≤ 32: 0*
		Tmin ≤ 32: 1*
		Tmin ≤ 0: 0*
		Rainfall ≥ 0.01 inch: 7*
		Rainfall ≥ 0.10 inch: 4*
		Avg Wind Speed ≥ 10 mph: 24*
		Max Wind Speed ≥ 30 mph: 17*

MESONET CLIMATOLOGICAL DATA SUMMARY June 2013 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	82	60	70.4	51.2	0	6	91	26	55	0.00	28.08	29.94	N	13.7	37.4	30.82	74.6	74.9	84	67
2	76	53	64.7	49.2	0	0	88	33	60	0.00	28.21	30.08	NE	9.5	22.3	29.96	73.6	74.0	85	64
3	87	58	71.4	55.9	0	7	89	34	61	0.00	28.04	29.90	SSE	15.6	36.7	26.90	73.5	75.1	86	66
4	89	61	74.5	65.2	0	10	95	46	75	0.74	27.99	29.84	ESE	14.9	38.1	26.02	73.8*	74.9	81	69
5	84	62	72.2	62.9	0	8	97	42	75	0.26	28.07	29.94	NE	12.2	50.1	25.01	74.7	74.5	81	69
6	78	60	67.7	54.8	0	4	89	36	66	0.00	28.13	29.99	NNE	12.0	26.4	27.33	73.3	71.9	79	66
7	82	55	70.1	52.5	0	4	93	32	58	0.00	28.12	29.98	SSE	6.9	18.9	24.02	73.0	72.5	82	64
8	88	61	72.7	55.1	0	9	93	27	58	0.33	27.99	29.85	S	17.3	49.3	22.47	72.8	73.6	82	67
9	89	58	73.9	56.3	0	8	97	23	61	0.01	28.06	29.92	WNW	7.1	24.6	30.72	73.5	74.6	84	66
10	100	66	82.6	58.4	0	18	89	21	50	0.00	28.04	29.90	SSW	14.9	31.1	30.39	75.5	79.1	91	69
11	97	66	83.5	58.1	0	17	69	25	45	0.00	28.05	29.91	SSW	16.5	34.1	30.16	77.0	82.3	92	72
12	100	72	85.6	62.1	0	21	77	23	49	0.00	28.07	29.93	SSW	15.9	35.7	29.32	78.6	84.5	94	76
13	99	72	85.5	63.1	0	21	78	24	52	0.00	28.13	29.99	SSW	10.1	24.2	29.91	80.5	87.1	97	77
14	97	73	84.0	61.0	0	20	85	23	50	0.00	28.10	29.97	SSW	12.0	29.4	25.01	80.9	86.5	95	79
15	92	71	79.2	62.1	0	16	86	31	58	0.00	28.10	29.97	SSW	12.8	36.4	21.55	79.3	83.5	90	79
16	99	69	80.1	65.6	0	19	95	27	66	0.00	28.08	29.95	SE	11.6	32.8	23.60	79.6	83.8	94	76
17	86	64	74.0	64.6	0	10	98	45	75	0.85	28.11	29.98	E	10.5	47.4	26.21	77.9*	78.6	84	74
18	88	64	75.9	62.1	0	11	97	36	66	0.00	28.15	30.02	SE	7.3	17.4	28.35	78.5	78.9	88	71
19	85	66	74.5	66.8	0	11	96	49	78	0.00	28.10	29.96	SE	12.2	34.3	15.03	76.6	76.4	83	73
20	97	70	82.5	66.3	0	18	93	30	62	0.00	28.06	29.92	SSE	20.4	44.6	26.62	77.9	80.9	90	72
21	96	75	84.6	64.8	0	21	69	34	53	0.00	28.08	29.95	S	20.5	35.6	27.42	79.7	84.6	93	77
22	96	70	84.3	60.5	0	18	78	26	47	0.00	28.04	29.90	S	21.5	41.4	28.66	80.1	85.1	93	77
23	96	76	85.0	59.9	0	21	70	21	46	0.00	28.00	29.85	S	22.8	39.8	27.12	80.3	85.3	93	79
24	96	76	84.4	61.1	0	21	67	26	47	0.00	28.03	29.89	S	22.5	39.2	25.93	80.4	85.3	93	79
25	99	76	86.2	65.2	0	23	67	33	51	0.00	27.96	29.82	SSW	22.7	40.8	26.19	80.9	85.9	94	79
26	101	76	88.7	64.6	0	24	71	30	47	0.00	28.00	29.86	S	15.3	31.3	28.76	82.8	88.9	98	80
27	107	74	89.2	63.2	0	25	79	18	48	0.01	28.09	29.95	SSE	13.3	45.8	28.80	84.8	91.0	101	82
28	99	68	85.4	58.2	0	19	82	19	45	0.00	28.13	29.99	NE	10.6	26.8	29.93	84.5	89.5	99	81
29	95	68	81.4	57.0	0	16	82	26	47	0.00	28.11	29.97	NE	9.3	22.7	23.61	83.9	87.7	95	81
30	89	63	76.0	53.1	0	11	80	26	48	0.06	28.15	30.01	NE	12.2	30.0	29.08	82.3	85.1	93	77
	92	67	79.0	60.0	<- Monthly Averages ->						28.08	29.94	SSW	14.1	50.1	26.83	78.2*	81.2	90	74

Temperature - Highest: 107 Lowest: 53	Degree Days - Total HDD: 0 Total CDD: 437	Number of Days With: Tmax ≥ 90: 17 Tmax ≤ 32: 0 Tmin ≤ 32: 0 Tmin ≤ 0: 0	Rainfall ≥ 0.01 inch: 7 Rainfall ≥ 0.10 inch: 4 Avg Wind Speed ≥ 10 mph: 25 Max Wind Speed ≥ 30 mph: 21
Rainfall: Monthly Total: 2.26 in. Greatest 24 Hr: 0.85 in.	Humidity - Highest: 98 Lowest: 18		

MESONET CLIMATOLOGICAL DATA SUMMARY July 2013 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	85	59	71.3	47.7	0	7	77	21	47	0.00	28.24	30.11	NNE	10.2	25.1	27.21	80.0	82.0	90	74
2	86	60	73.4	43.9	0	8	65	19	38	0.00	28.25	30.12	NNE	7.4	34.9	29.08	79.7	82.0	92	73
3	90	60	76.0	46.8	0	10	69	18	40	0.00	28.17	30.04	SE	9.3	22.6	27.25	80.3	82.9	92	74
4	92	64	76.4	51.4	0	13	75	21	45	0.01	28.11	29.97	SE	12.3	26.9	18.22	79.2	80.5	87	75
5	97	67	79.8	57.2	0	17	85	19	51	0.20	28.06	29.92	SSE	18.8	33.6	23.49	78.7	81.0	89	74
6	97	69	83.1	56.5	0	18	69	22	43	0.00	28.04	29.90	SSE	17.5	32.1	22.32	78.4	82.9	90	75
7	98	72	84.4	59.2	0	20	69	24	46	0.00	28.11	29.97	SSE	15.2	34.7	27.58	80.4	86.0	96	78
8	100*	71*	85.4*	62.3*	0*	20*	76*	25*	50*	0.00*	28.16*	30.03*	SSE*	14.2*	27.3*	NA	82.1*	87.4*	96*	79*
9	102	75	89.2	60.9	0	24	70	21	42	0.00	28.15	30.01	S	14.3	28.0	29.27	84.0	89.9	98	82
10	104	76	89.5	58.9	0	25	57	21	38	0.00	28.13	30.00	SSW	11.3	25.2	24.73	85.0	90.8	99	84
11	100	78	85.6	63.0	0	24	63	27	49	0.00	28.11	29.97	ESE	10.4	29.2	19.71	85.0	89.6	97	84
12	102	73	87.2	64.0	0	22	85	24	50	0.00	28.09	29.95	SSE	13.5	27.8	28.65	85.2	89.6	98	82
13	104	74	88.2	62.3	0	24	76	20	47	0.00	28.09	29.96	SSE	13.2	26.1	26.06	86.6	91.0	99	84
14	81	64	70.0	62.6	0	8	98	55	80	0.85	28.14	30.01	SSE	12.9	38.9	3.30	81.7	80.9	91	72
15	74	63	67.2	63.9	0	4	99	73	90	0.04	28.23	30.10	ENE	10.8	21.6	15.60	74.7	72.3	76	69
16	80	67	71.7	67.4	0	8	97	66	87	0.13	28.33	30.20	ESE	10.7	23.2	12.74	74.8	73.3	77	70
17	88	68	73.9	68.4	0	13	98	49	85	0.03	28.39	30.26	E	8.3	35.9	16.29	76.2	75.9	85	71
18	91	69	79.1	65.8	0	15	99	36	68	0.00	28.28	30.16	SSW	10.7	27.6	26.91	77.9	80.6	91	72
19	95	70	81.8	63.3	0	17	85	31	57	0.00	28.15	30.01	SW	11.7	26.8	25.77	79.8	84.2	94	75
20	97	71	83.8	63.5	0	19	92	27	56	0.00	28.06	29.92	SSW	12.2	27.3	27.30	81.6	86.7	96	78
21	99	73	86.0	62.5	0	21	83	23	50	0.00	28.01	29.87	SSW	12.4	29.0	23.99	82.9	87.9	96	81
22	99	73	86.6	65.0	0	21	80	30	52	0.00	28.03	29.89	S	14.3	31.8	27.97	83.8	89.0	97	81
23	101	75	88.6	66.5	0	23	78	29	51	0.00	28.02	29.88	SSW	13.6	31.9	28.06	85.1	90.5	99	83
24	97	69	82.5	65.7	0	18	83	34	60	0.00	28.12	29.98	E	11.5	35.5	27.66	86.0	91.1	100	83
25	79	69	74.4	68.9	0	9	97	68	83	2.43	28.19	30.06	SE	11.0	47.9	5.34	81.6	82.4	89	74
26	84	68	74.3	68.2	0	11	98	58	83	0.56	28.15	30.02	NNE	14.0	35.7	18.89	75.3	75.4	80	73
27	87	67	76.6	65.7	0	12	95	43	72	0.00	28.17	30.04	SSE	8.2	23.2	27.85	77.6	77.1	84	70
28	87	67	76.8	64.1	0	12	97	35	68	0.00	28.10	29.96	SSE	13.6	28.2	27.75	78.4	76.2	81	72
29	92	71	80.1	69.9	0	16	91	50	72	0.00	28.06	29.92	SSE	19.3	52.6	20.12	78.7	76.2	81	72
30	88	68	78.3	69.8	0	13	93	57	76	0.46	28.17	30.04	N	9.2	28.7	24.39	79.5	78.3	85	72
31	89	71	78.9	70.2	0	15	98	51	77	0.00	28.23	30.10	NE	9.4	21.2	25.97	80.4	79.4	86	74

92* 69* 80.0* 62.1* <- Monthly Averages -> 28.15* 30.01* SSE* 12.3* 52.6* 22.98* 80.7* 83.0* 91* 76*

Temperature - Highest: 104* Lowest: 59*	Degree Days - Total HDD: 0* Total CDD: 488*	Number of Days With: Tmax ≥ 90: 19* Tmax ≤ 32: 0* Tmin ≤ 32: 0* Tmin ≤ 0: 0*	Rainfall ≥ 0.01 inch: 9* Rainfall ≥ 0.10 inch: 6* Avg Wind Speed ≥ 10 mph: 25* Max Wind Speed ≥ 30 mph: 12*
Rainfall: Monthly Total: 4.71* in. Greatest 24 Hr: 2.43* in.	Humidity - Highest: 99* Lowest: 18*		

MESONET CLIMATOLOGICAL DATA SUMMARY August 2013 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	92	70	80.1	68.8	0	16	96	39	72	0.00	28.19	30.06	E	8.3	23.0	26.95	81.8	80.7	89	74
2	104	75	88.0	65.2	0	24	88	21	53	0.00	28.02	29.88	SSE	15.0	30.9	25.77	83.1	83.6	93	76
3	103	78	87.8	63.0	0	26	63	23	46	0.00	28.08	29.95	S	15.8	31.1	20.87	83.0	84.9	94	79
4	101	75	86.9	62.9	0	23	71	22	48	0.00	28.13	30.00	SSE	12.6	27.9	25.32	84.1	87.0	97	79
5	104	78	89.7	61.8	0	26	66	20	43	0.00	28.05	29.91	SSW	14.1	27.0	27.24	84.9	88.9	98	81
6	106	75	90.3	58.9	0	26	63	18	38	0.00	27.97	29.83	SSW	15.4	35.6	27.26	84.9	89.3	98	81
7	96	71	84.3	65.2	0	18	95	35	54	0.18	28.01	29.87	E	12.0	42.1	20.02	84.0	87.5	95	81
8	87	68	75.2	69.3	0	13	98	56	83	1.85	28.05	29.91	NE	9.5	53.7	19.03	81.0	81.3	87	76
9	83	67	73.7	67.5	0	10	97	61	82	0.06	28.15	30.02	NE	8.5	40.3	20.05	78.3	77.9	83	73
10	82	65	72.8	65.0	0	9	94	56	78	0.00	28.27	30.15	NE	8.7	20.6	22.37	77.7	77.0	83	72
11	90	66	76.7	68.0	0	13	96	46	77	0.41	28.22	30.09	E	7.2	37.9	23.48	78.6	78.4	87	71
12	92	70	76.4	68.6	0	16	94	49	78	0.08	28.16	30.02	SSW	11.1	40.5	20.44	79.1	78.4	86	74
13	83	67	73.6	68.7	0	10	98	63	85	1.09	28.18	30.05	NE	8.8	36.3	16.50	77.1	76.8	83	72
14	81	66	73.3	65.4	0	9	98	53	78	0.00	28.23	30.10	ENE	9.3	20.8	25.78	77.0	77.2	84	72
15	85	66	73.5	66.5	0	11	92	57	79	0.00	28.18	30.05	SE	10.3	22.1	18.85	76.6	75.9	83	71
16	84	63	72.5	64.2	0	9	94	55	76	0.00	28.20	30.07	E	8.3	32.5	26.08	76.4	76.4	84	70
17	82	64	72.5	63.1	0	8	94	52	74	0.00	28.24	30.11	SE	9.4	21.6	20.11	75.9	75.0	81	70
18	85	65	74.5	62.2	0	10	85	46	67	0.00	28.22	30.09	SE	12.6	22.9	22.23	75.6	74.6	81	69
19	90	66	77.4	61.6	0	13	85	38	61	0.00	28.17	30.04	SE	15.0	27.0	23.81	75.6	76.4	85	69
20	93	67	79.8	60.9	0	15	82	33	56	0.00	28.15	30.02	SE	15.2	27.9	25.38	76.2	79.4	89	71
21	93	68	80.3	57.5	0	16	72	25	49	0.00	28.19	30.06	SE	12.7	26.1	25.36	76.6	81.0	91	73
22	94	70	81.5	62.1	0	17	75	29	55	0.00	28.18	30.04	S	10.6	26.6	23.05	77.2	82.3	91	74
23	96	72	82.9	64.7	0	19	84	27	58	0.00	28.15	30.02	SE	13.4	27.9	23.31	78.1	84.3	93	77
24	95	72	82.7	65.2	0	19	81	30	59	0.00	28.20	30.07	SE	12.4	22.2	20.39	78.5	84.5	91	77
25	94	72	82.8	65.4	0	18	83	32	59	0.00	28.27	30.15	SE	12.8	23.6	23.44	78.9	85.2	94	78
26	93	72	81.6	63.7	0	17	75	35	57	0.00	28.28	30.15	SSE	12.8	26.8	22.37	78.9	84.8	92	78
27	90	68	78.8	63.4	0	14	79	34	61	0.00	28.21	30.08	SSE	12.2	27.4	20.81	78.3	83.3	90	77
28	95	71	82.3	64.4	0	18	87	32	58	0.00	28.18	30.04	S	11.8	26.7	23.37	78.6	84.4	92	78
29	98	72	84.9	58.4	0	20	67	23	44	0.00	28.17	30.04	S	11.9	25.3	21.52	79.1	85.0	92	79
30	103	74	87.7	57.5	0	23	62	20	39	0.00	28.10	29.96	SSW	11.4	25.7	24.71	79.8	86.4	95	79
31	104	75	89.3	54.9	0	25	52	17	34	0.00	28.01	29.87	SW	10.8	23.0	24.50	80.9	88.0	96	80
	93	70	80.4	63.7	<- Monthly Averages ->						28.16	30.02	SE	11.6	53.7	22.92	79.2	81.8	90	75

Temperature - Highest: 106 Lowest: 63	Degree Days - Total HDD: 0 Total CDD: 508	Number of Days With: Tmax ≥ 90: 22 Tmax ≤ 32: 0 Tmin ≤ 32: 0 Tmin ≤ 0: 0	Rainfall ≥ 0.01 inch: 6 Rainfall ≥ 0.10 inch: 4 Avg Wind Speed ≥ 10 mph: 22 Max Wind Speed ≥ 30 mph: 10
Rainfall: Monthly Total: 3.67 in. Greatest 24 Hr: 1.85 in.	Humidity - Highest: 98 Lowest: 17		

MESONET CLIMATOLOGICAL DATA SUMMARY September 2013 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	92	72	82.1	60.8	0	17	75	36	49	0.00	28.05	29.92	NE	10.9	25.2	13.99*	80.6	85.6	89	82
2	91	67	78.1	58.0	0	14	93	22	55	0.00	28.16	30.03	ENE	9.9	22.2	24.23	79.8	84.4	92	78
3	91	62	76.1	53.6	0	12	82	21	50	0.00	28.19	30.06	E	7.0	15.9	24.75	78.8	83.3	92	75
4	95*	60*	78.7*	55.5*	0*	13*	82*	21*	49*	0.00*	28.22*	30.09*	ESE*	7.7*	19.1*	NA	78.8*	83.7*	93*	75*
5	98	71	83.4	60.2	0	19	74	24	49	0.00	28.24	30.11	SE	11.5	25.6	23.30	80.3	86.0	94	79
6	100	71	84.1	59.9	0	21	71	24	47	0.00	28.19	30.06	SSE	11.6	22.0	21.17	81.1	86.8	94	80
7	102	72	85.7	58.9	0	22	69	20	44	0.00	28.13	29.99	SSE	9.7	23.2	22.14	81.9	87.9	96	81
8	99	71	84.1	57.2	0	20	70	21	43	0.00	28.09	29.96	S	11.5	25.4	22.76	82.2	87.6	95	81
9	95	71	82.3	57.2	0	18	69	23	45	0.00	28.09	29.96	S	14.3	34.0	22.79	81.6	86.0	92	80
10	93	71	81.2	60.1	0	17	76	29	51	0.00	28.18	30.05	S	13.7	27.6	22.09	81.3	85.4	92	80
11	94	70	81.2	59.6	0	17	74	29	50	0.00	28.24	30.11	SSE	11.4	24.2	20.03	81.2	85.1	91	79
12	95	70	81.0	60.2	0	18	78	26	52	0.00	28.21	30.09	SSE	9.4	26.3	18.19	81.5	85.6	93	79
13	83	69	74.9	63.0	0	11	86	49	68	0.00	28.17	30.04	ENE	14.3	28.4	19.05	81.0	84.6	90	80
14	86	64	73.8	59.4	0	10	75	46	61	0.00	28.12	29.98	SE	10.7	20.2	13.65	79.3	81.5	86	77
15	91	68	79.4	59.5	0	15	82	30	54	0.30	28.14	30.00	SSE	11.4	25.6	12.78	79.2	81.2	86	77
16	87*	67*	73.7*	66.7*	0*	12*	96*	50*	80*	1.35*	28.25*	30.12*	E *	9.8*	33.8*	NA	78.8*	78.9*	86*	74*
17	85	67	73.1	68.0	0	11	97	60	85	0.62	28.18	30.05	S	8.9	41.5	18.26	76.0	75.4	83	71
18	88	70	77.8	65.1	0	14	89	38	67	0.00	28.07	29.94	S	16.0	41.5	21.62	76.1	75.0	80	72
19	84	65	74.3	64.7	0	10	96	54	73	0.10	28.08	29.94	SSW	13.8	35.7	13.73	74.9	72.8	76	69
20	68	57	63.7	56.8	2	0	97	57	79	0.00	28.16	30.02	NE	13.4	31.9	9.37	71.9	68.9	72	64
21	80	54	66.6	49.4	0	2	90	28	58	0.00	28.14	30.01	ESE	6.4	17.4	22.95	69.5	67.6	78	59
22	83	55	68.1	47.8	0	4	79	26	52	0.00	28.02	29.88	SSE	12.1	21.7	22.90	69.8	69.7	80	61
23	85	54	69.3	49.0	0	4	85	27	53	0.00	27.95	29.80	SSE	15.3	36.7	22.04	69.4	70.6	80	62
24	85	57	71.6	44.5	0	6	73	18	42	0.00	28.10	29.96	NNW	10.5	30.3	22.52	69.8	72.6	82	64
25	90	57	73.4	48.1	0	8	77	21	45	0.00	27.99	29.85	SE	12.8	26.8	22.01	70.3	73.4	83	64
26	94	65	79.1	53.8	0	15	68	24	44	0.00	27.94	29.79	S	19.6	37.7	21.12	72.5	77.0	86	69
27	88	65	77.4	61.1	0	11	75	41	58	0.00	27.98	29.84	SSE	19.7	35.4	16.50	73.6	77.4	84	71
28	76	55	64.5	54.3	0	1	97	42	71	1.36	28.14	30.01	N	15.7	41.4	17.55	70.9	71.7	78	65
29	75	52	62.9	46.4	2	0	83	26	58	0.00	28.18	30.04	NW	5.0	17.0	22.38	67.1	65.8	75	58
30	83	54	67.1	51.2	0	3	81	32	59	0.00	27.99	29.85	SSE	13.9	27.0	21.56	66.9	64.6	71	59
	88*	64*	75.6*	57.0*	<- Monthly Averages ->						28.12*	29.99*	SSE*	11.9*	41.5*	19.84*	76.2*	78.5*	86*	72*

Temperature - Highest: 102*	Degree Days - Total HDD: 4*	Number of Days With: Tmax ≥ 90: 15* Rainfall ≥ 0.01 inch: 5* Tmax ≤ 32: 0* Rainfall ≥ 0.10 inch: 5* Tmin ≤ 32: 0* Avg Wind Speed ≥ 10 mph: 21* Tmin ≤ 0: 0* Max Wind Speed ≥ 30 mph: 11*
Lowest: 52*	Total CDD: 343*	
Rainfall: Monthly Total: 3.73* in.	Humidity - Highest: 97*	
Greatest 24 Hr: 1.36* in.	Lowest: 18*	

MESONET CLIMATOLOGICAL DATA SUMMARY October 2013 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	88	60	72.2	57.7	0	9	85	35	63	0.00	28.01	29.87	SSE	16.6	28.5	20.69	68.1	66.8	74	61
2	86	64	73.1	64.6	0	10	99	47	77	0.00	28.03	29.89	SSE	17.0	30.7	14.02	70.0	69.6	75	65
3	89	68	77.4	66.0	0	14	95	42	71	0.00	27.93	29.78	S	21.5	39.0	19.70	71.9	73.3	80	68
4	89	55	75.5	62.6	0	7	93	45	66	0.39	27.95	29.81	S	21.7	38.2	17.66	73.1	75.0	82	70
5	67	47	55.2	35.8	8	0	71	24	50	0.00	28.22	30.09	N	15.0	35.0	18.15	66.1	63.2	70	58
6	73	41	57.5	32.6	8	0	84	20	43	0.00	28.24	30.11	NNW	12.6	33.8	21.19	61.3	57.7	66	50
7	76	49	62.0	38.3	3	0	74	22	45	0.00	28.26	30.13	SE	7.6	18.4	20.43	62.5	61.4	72	53
8	81	51	64.4	41.1	0	1	68	24	46	0.00	28.15	30.02	SSE	15.8	26.9	19.76	63.6	63.8	73	56
9	82	52	66.0	47.5	0	2	89	27	55	0.00	28.10	29.97	SSE	17.5	32.7	19.65	64.5	65.9	75	58
10	83	57	69.3	55.5	0	5	85	40	63	0.00	28.04	29.90	SSE	20.1	36.4	19.03	66.2	68.6	77	61
11	85	60	71.5	44.0	0	8	91	12	47	0.00	27.95	29.81	SW	15.6	35.2	19.49	67.6	70.5	78	65
12	74	54	62.4	42.8	1	0	75	32	50	0.00	28.19	30.06	NE	17.6	36.5	19.49	65.7	67.2	75	61
13	73	53	62.2	55.1	2	0	97	63	78	0.07	28.32	30.19	ENE	12.0	21.8	7.83	65.1	65.0	70	60
14	71	63	66.8	65.2	0	2	98	76	95	0.34	28.10	29.97	SSE	14.0	32.7	3.89	67.1	67.2	69	66
15	66	47	52.9	43.7	8	0	95	50	72	0.00	28.20	30.07	NNE	16.9	35.2	10.06	63.2	60.5	67	55
16	50	39	45.1	38.8	20	0	93	64	79	0.02	28.26	30.13	NNE	8.5	19.4	5.62	57.9	53.2	55	50
17	69	38	52.1	40.7	12	0	96	31	70	0.00	28.16	30.02	SW	6.2	13.2	18.74	56.4	54.0	64	45
18	55	33	43.3	40.2	21	0	99	65	89	0.37	28.20	30.07	ENE	15.3	35.4	2.41	56.1	52.3	57	46
19	65	31	46.9	36.7	17	0	100	33	72	0.01	28.22	30.09	WNW	11.0	23.2	18.69	52.5	49.0	58	41
20	70	40	54.9	43.9	10	0	90	42	68	0.00	28.02	29.88	SSW	13.2	27.6	18.00	54.4	52.7	60	46
21	61	44	51.8	38.8	13	0	90	39	63	0.00	28.20	30.07	NNE	13.6	36.1	15.75	55.7	54.7	61	51
22	76	41	57.3	38.8	7	0	88	22	55	0.00	28.22	30.09	N	8.9	23.3	17.60	55.1	54.9	65	47
23	81	43	60.3	42.4	3	0	87	20	56	0.00	28.19	30.06	E	11.7	30.9	17.37	57.0	58.2	68	50
24	58	41	50.1	37.9	15	0	83	44	64	0.00	28.38	30.26	ENE	16.0	34.0	16.20	57.0	56.9	63	52
25	64	37	50.1	38.5	15	0	81	49	65	0.00	28.42	30.30	SSE	12.4	20.5	12.62	55.3	54.0	62	48
26	68	47	55.9	50.4	7	0	96	67	82	0.04	28.26	30.13	NNE	12.5	28.5	7.89	57.7	57.4	62	54
27	68	35	52.8	34.9	14	0	96	18	56	0.00	28.19	30.06	NE	10.0	21.2	17.64	56.3	55.5	64	47
28	66	50	58.5	57.6	7	0	99	89	97	0.01	28.12	29.98	SSE	15.1	33.7	3.27	57.7	57.4	61	54
29	75	66	69.3	65.2	0	5	95	75	87	0.00	28.08	29.94	S	16.3	29.4	5.81	62.2	64.3	68	61
30	75	63	69.8	65.7	0	4	97	73	87	0.39	27.96	29.81	S	17.6	44.9	3.97	64.5	66.3	68	65
31	67	49	58.0	43.9	7	0	91	31	62	0.00	27.88	29.73	NW	14.5	39.6	15.34	61.7	60.6	66	54
	73	49	60.1	47.3	<- Monthly Averages ->						28.14	30.01	SSE	14.3	44.9	14.45	61.7	61.2	68	55

Temperature - Highest: 89 Lowest: 31	Degree Days - Total HDD: 197 Total CDD: 66	Number of Days With: Tmax ≥ 90: 0 Rainfall ≥ 0.01 inch: 9 Tmax ≤ 32: 0 Rainfall ≥ 0.10 inch: 4 Tmin ≤ 32: 1 Avg Wind Speed ≥ 10 mph: 27 Tmin ≤ 0: 0 Max Wind Speed ≥ 30 mph: 18
Rainfall: Monthly Total: 1.64 in. Greatest 24 Hr: 0.39 in.	Humidity - Highest: 100 Lowest: 12	