

MESONET CLIMATOLOGICAL DATA SUMMARY  
 (ERIC) Erick  
 Latitude: 35-12-17

May 2013  
 Nearest City: 4.0 ESE Erick  
 Longitude: 99-48-12

Time Zone: Midnight-Midnight CST  
 County: Beckham  
 Elevation: 1978 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	37	58.9	48.9	8	0	92	39	72	0.00	27.85	29.93	N	19.0	43.3	20.10	70.3	72.0	80	64
2	52	34	41.7	30.3	22	0	94	32	67	0.18	28.31	30.42	N	20.8	46.3	13.78	57.6	55.2	63	50
3	69	29	49.8	22.6	16	0	89	13	43	0.00	28.10	30.20	NW	10.3	29.6	30.35	56.7	56.5	71	44
4	70	32	51.7	23.7	14	0	89	10	44	0.00	27.95	30.03	N	11.7	35.6	30.72	59.7	60.6	72	50
5	70	37	53.4	39.7	11	0	88	33	63	0.00	28.04	30.13	NNW	6.5	18.1	27.54	62.7	63.6	76	52
6	74	38	59.0	44.1	9	0	98	32	62	0.00	27.99	30.08	SSE	4.8	18.0	21.96	64.6	66.0	76	56
7	84	49	68.5	44.5	0	2	88	22	47	0.00	27.88	29.96	S	13.1	44.1	28.42	67.5	70.1	81	60
8	88	55	71.2	54.2	0	6	85	34	57	0.00	27.76	29.84	S	13.0	31.3	22.26	69.9	72.4	82	64
9	77	51	66.0	57.2	1	0	93	49	75	0.02	27.84	29.92	NE	10.3	33.9	16.90	69.5	71.1	78	65
10	72	50	61.5	50.6	4	0	93	41	70	0.13	27.99	30.08	N	9.4	27.6	20.71	68.2	68.7	76	62
11	81	47	63.3	44.6	1	0	95	22	57	0.00	28.11	30.20	NE	9.5	28.4	24.07	67.2	68.4	78	59
12	82	40	62.8	40.9	4	0	94	24	51	0.00	28.09	30.18	SSW	9.8	27.9	27.97	67.3	69.4	81	59
13	94	55	76.2	37.8	0	10	59	12	29	0.00	27.99	30.08	SSW	12.4	27.3	30.51	71.7	74.7	87	63
14	90	61	76.8	44.6	0	10	49	20	33	0.00	27.90	29.99	SSW	15.3	37.0	30.27	74.3	77.4	87	68
15	82*	59*	68.2*	55.3*	0*	5*	95*	42*	65*	0.00*	27.77*	29.85*	SSE*	9.8*	22.5*	NA	71.4*	73.2*	77*	69*
16	86	59	68.9	57.9	0	7	99	32	73	0.00	27.74	29.81	ESE	7.6	21.8	26.89	73.8	76.3	88	68
17	84	57	70.6	64.7	0	5	99	53	84	0.00	27.76	29.83	ESE	7.8	21.1	16.76	74.0	76.1	84	71
18	99	66	79.6	59.1	0	17	99	19	57	0.01	27.66	29.73	S	14.5	47.1	21.44	76.0	78.4	88	71
19	96	63	80.7	40.5	0	15	79	8	31	0.00	27.57	29.63	WSW	12.4	38.7	30.44	78.0	80.6	90	72
20	91	52	74.5	47.5	0	6	84	19	42	0.00	27.65	29.72	NNE	8.3	24.3	27.59	77.9	80.3	89	71
21	77	55	65.4	44.4	0	1	81	28	49	0.10	27.79	29.86	N	11.2	35.1	23.30	73.7	75.6	81	71
22	89	48	70.4	44.5	0	3	94	16	48	0.00	27.80	29.88	S	8.1	36.8	30.22	73.0	76.2	88	65
23	86	59	71.2	58.7	0	7	92	31	67	0.00	27.89	29.97	E	14.2	35.3	13.80	73.5	75.5	80	71
24	92	60	72.3	60.6	0	11	93	28	70	0.00	28.00	30.09	E	13.6	36.2	21.13	74.3	76.2	86	70
25	87	58	73.5	60.5	0	7	94	39	66	0.00	27.96	30.05	S	15.0	31.4	23.34	75.2	77.1	85	70
26	94	69	81.0	61.0	0	16	88	28	55	0.00	27.82	29.90	S	18.7	43.0	26.89	78.4	80.7	89	73
27	99	70	82.2	63.6	0	20	82	29	56	0.00	27.68	29.75	S	20.6	65.0	27.24	80.6	82.9	90	76
28	87	68	76.8	65.1	0	13	84	49	68	0.00	27.65	29.71	SSE	16.2	38.7	21.37	79.9	81.5	87	77
29	86	64	73.1	64.4	0	10	96	36	76	1.64	27.56	29.62	SSE	18.5	45.4	8.42	75.0	75.9	80	71
30	93	67	78.6	50.8	0	15	90	11	45	0.00	27.57	29.64	SW	11.2	31.5	30.16	73.7	76.0	85	69
31	98	58	78.1	53.9	0	13	78	17	48	0.00	27.62	29.68	NW	9.3	37.3	30.75	75.5	79.6	95	66

84\* 53\* 68.6\* 49.6\*      <- Monthly Averages ->      27.85\* 29.93\*      S \* 12.3\* 65.0\*      24.18\*      71.3\* 73.2\* 82\* 65\*

Temperature - Highest: 99* Lowest: 29*	Degree Days - Total HDD: 90* Total CDD: 200*	Number of Days With: Tmax ≥ 90: 10*      Rainfall ≥ 0.01 inch: 6* Tmax ≤ 32: 0*      Rainfall ≥ 0.10 inch: 4* Tmin ≤ 32: 2*      Avg Wind Speed ≥ 10 mph: 20* Tmin ≤ 0: 0*      Max Wind Speed ≥ 30 mph: 20*
Rainfall: Monthly Total: 2.08* in. Greatest 24 Hr: 1.64* in.	Humidity - Highest: 99* Lowest: 8*	

MESONET CLIMATOLOGICAL DATA SUMMARY      June      2013      Time Zone: Midnight-Midnight CST  
 (ERIC) Erick      Nearest City: 4.0 ESE Erick      County: Beckham  
 Latitude: 35-12-17      Longitude: 99-48-12      Elevation: 1978 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	63	73.7	46.1	0	9	78	18	42	0.00	27.87	29.96	N	12.7	31.1	31.37	77.9	82.0	92	73
2	82	53	68.1	46.9	0	2	88	24	51	0.00	27.99	30.08	ESE	6.1	17.5	31.02	77.4	81.0	94	69
3	93	61	76.3	52.8	0	12	71	28	47	0.00	27.80	29.87	SSE	16.9	35.8	28.39	77.9	81.4	92	72
4	94	65	78.7	62.6	0	14	92	29	62	0.09	27.74	29.81	ESE	14.6	31.0	29.17	80.5	83.4	95	73
5	88	66	75.3	59.7	0	12	85	33	61	0.00	27.85	29.93	NE	13.0	33.0	25.54	81.9	84.5	94	76
6	81	61	69.5	53.2	0	6	82	36	58	0.00	27.92	30.00	NE	10.3	25.6	24.24	79.4	82.0	91	75
7	86	55	71.2	52.7	0	5	88	32	55	0.00	27.90	29.99	S	7.1	21.3	23.98	78.0	80.7	91	71
8	89	63	75.5	54.0	0	11	96	29	51	0.56	27.76	29.83	S	18.4	45.2	27.15	78.8	81.6	91	74
9	90	59	74.5	56.7	0	9	97	19	61	0.00	27.86	29.94	SSW	4.7	12.1	30.62	76.8	79.1	89	70
10	98	68	84.1	57.4	0	18	80	20	44	0.00	27.83	29.91	SW	13.8	29.2	30.96	79.7	82.9	96	72
11	98	66	84.9	53.7	0	17	60	22	36	0.00	27.84	29.92	SSW	14.9	32.7	31.24	82.8	86.3	97	76
12	98	71	84.7	60.1	0	20	73	24	46	0.00	27.87	29.95	SSW	12.2	28.1	29.59	84.2	87.5	98	78
13	97	66	84.4	60.6	0	17	86	25	49	0.00	27.91	30.00	S	8.3	25.7	30.46	85.8	89.1	100	79
14	93	70	81.2	59.9	0	17	80	31	51	0.00	27.90	29.98	SSW	11.2	27.9	20.36	84.1	86.8	94	80
15	90	70	78.3	61.8	0	15	85	33	60	0.00	27.88	29.97	S	13.7	35.3	23.04	81.5	84.1	93	78
16	95	67	82.1	63.6	0	16	89	31	57	0.00	27.87	29.95	SSE	8.4	26.0	24.88	84.0	86.6	96	78
17	86	65	76.1	65.0	0	10	98	40	71	1.41	27.91	29.99	E	8.4	44.1	30.12	79.7	82.4	89	76
18	87	66	76.6	62.3	0	12	97	34	65	0.00	27.94	30.02	SE	6.1	19.4	29.39	79.6	83.5	95	74
19	85	66	73.2	63.7	0	10	97	44	74	0.26	27.87	29.96	SSE	11.7	47.3	13.36	74.7	76.9	82	73
20	93	66	81.1	63.2	0	15	91	33	58	0.00	27.84	29.92	S	17.9	39.6	28.74	77.4	79.6	90	70
21	93	73	83.2	62.8	0	18	75	36	52	0.00	27.86	29.94	S	15.9	36.0	27.64	81.5	84.6	94	76
22	93	73	83.5	61.2	0	18	66	33	49	0.00	27.81	29.89	S	18.2	36.5	28.01	82.8	85.8	95	77
23	95	73	84.4	59.1	0	19	67	27	44	0.00	27.77	29.85	S	18.2	34.6	28.14	83.6	86.7	96	78
24	94	74	83.9	60.0	0	19	64	30	46	0.00	27.80	29.88	S	19.1	37.7	26.85	83.8	86.9	95	80
25	100	74	87.2	62.7	0	22	67	27	46	0.00	27.74	29.82	S	16.7	32.1	28.46	85.4	88.5	98	80
26	103	73	89.1	62.9	0	23	70	25	44	0.00	27.78	29.85	SSE	10.1	26.8	29.79	88.2	91.5	102	82
27	106	72	89.7	59.1	0	24	82	14	42	0.00	27.88	29.96	SSW	9.6	38.7	30.42	90.1	93.4	104	84
28	100	70	85.3	56.0	0	20	73	16	41	0.00	27.93	30.01	ENE	7.1	27.5	30.34	89.7	92.8	102	84
29	95	68	81.7	55.6	0	16	72	24	43	0.04	27.90	29.98	ENE	5.4	16.4	24.55	86.9	89.6	98	83
30	89	62	77.3	53.6	0	11	93	25	48	0.06	27.95	30.03	NE	9.0	24.2	27.87	85.3	87.8	97	80
	93	67	79.8	58.3	<- Monthly Averages ->						27.86	29.94	S	12.0	47.3	27.52	82.0	85.0	95	76

Temperature - Highest: 106 Lowest: 53	Degree Days - Total HDD: 0 Total CDD: 438	Number of Days With: Tmax ≥ 90: 20 Tmax ≤ 32: 0 Tmin ≤ 32: 0 Tmin ≤ 0: 0	Rainfall ≥ 0.01 inch: 6 Rainfall ≥ 0.10 inch: 3 Avg Wind Speed ≥ 10 mph: 19 Max Wind Speed ≥ 30 mph: 16
Rainfall: Monthly Total: 2.42 in. Greatest 24 Hr: 1.41 in.	Humidity - Highest: 98 Lowest: 14		

MESONET CLIMATOLOGICAL DATA SUMMARY July 2013 Time Zone: Midnight-Midnight CST  
 (ERIC) Erick Nearest City: 4.0 ESE Erick County: Beckham  
 Latitude: 35-12-17 Longitude: 99-48-12 Elevation: 1978 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	83	57	71.4	47.8	0	5	76	26	46	0.00	28.04	30.13	NNE	7.9	22.8	25.65	82.4	84.5	92	77
2	87	51	70.6	42.6	0	4	82	17	43	0.00	28.05	30.14	ENE	4.9	20.5	30.70	81.7	83.5	95	73
3	90	53	73.3	43.9	0	6	79	18	41	0.04	27.95	30.04	SSW	6.5	25.7	24.27	81.1	83.1	91	74
4	94	62	78.6	48.2	0	13	83	17	39	0.01	27.88	29.96	SSE	10.1	27.0	27.10	NA	NA	NA	NA
5	98	65	83.3	48.8	0	16	71	16	34	0.00	27.82	29.90	SSE	14.1	31.3	26.59	NA	NA	NA	NA
6	97	73	84.0	50.4	0	20	61	15	34	0.00	27.82	29.90	S	15.0	33.0	19.03	NA	NA	NA	NA
7	99	73	86.2	53.7	0	21	54	20	35	0.00	27.89	29.97	SSE	12.7	25.9	29.12	85.3	88.2	98	80
8	101*	71*	86.9*	57.4*	0*	21*	68*	21*	40*	0.00*	27.94*	30.03*	SSE*	10.0*	25.4*	NA	87.3*	90.1*	99*	82*
9	102	75	89.2	58.9	0	23	66	21	39	0.00	27.94	30.02	S	11.2	24.6	28.65	88.9	91.7	100	84
10	102	71	89.0	57.4	0	22	69	22	37	0.00	27.93	30.01	SSE	7.9	22.9	26.63	90.0	92.5	101	84
11	101	74	85.5	60.6	0	22	64	23	45	0.02	27.90	29.99	E	7.0	33.6	19.90	89.1	91.0	97	86
12	104	73	88.5	59.8	0	23	76	20	42	0.00	27.87	29.95	SSE	9.8	26.2	27.68	89.5	91.4	101	83
13	105	75	90.5	55.0	0	25	68	13	35	0.00	27.88	29.96	SSE	9.3	26.2	29.18	91.2	93.3	102	85
14	84	63	72.9	60.2	0	9	97	43	67	0.37	27.92	30.01	SE	12.2	36.2	9.98	84.5	85.7	94	76
15	76	62	68.0	62.2	0	4	98	59	83	0.03	28.01	30.10	NE	8.5	20.0	12.79	74.6	74.9	78	72
16	71	64	67.9	66.4	0	3	98	86	95	2.42	28.10	30.19	SE	8.5	29.6	5.15	71.9	72.4	75	71
17	84	67	73.7	68.2	0	10	98	54	84	0.12	28.17	30.27	E	6.1	22.4	20.83	75.4	75.9	83	71
18	86	67	76.5	67.0	0	12	97	49	75	0.00	28.07	30.17	S	9.1	25.1	24.18	76.6	77.6	83	73
19	92	70	80.3	64.6	0	16	90	36	62	0.00	27.94	30.03	SW	10.4	25.5	28.53	79.0	81.0	91	72
20	94	68	81.4	63.4	0	16	90	31	58	0.00	27.85	29.93	SSW	8.2	24.9	25.14	82.2	84.2	95	75
21	96	70	83.9	61.8	0	18	89	27	51	0.00	27.81	29.89	SSW	9.6	24.3	27.41	84.6	86.7	97	78
22	95	72	85.0	65.3	0	19	80	35	54	0.00	27.82	29.90	SSW	11.1	26.7	29.28	86.6	89.1	99	80
23	98	75	86.6	66.6	0	22	79	32	54	0.00	27.81	29.89	SSW	10.5	26.6	29.16	88.4	91.0	102	82
24	93	73	82.6	66.8	0	18	85	38	61	0.00	27.90	29.98	E	9.7	31.3	28.34	88.4	91.1	101	83
25	78	67	71.2	67.2	0	7	95	64	87	0.69	27.98	30.07	SSE	8.9	35.3	2.87	78.3	79.4	90	75
26	85	68	76.3	67.1	0	12	96	46	75	0.03	27.96	30.05	N	11.4	27.6	24.07	76.5	77.5	83	74
27	90	62	76.9	62.3	0	11	98	33	65	0.00	27.96	30.05	S	8.5	23.2	28.58	79.3	79.6	90	71
28	90	64	77.7	60.0	0	12	95	25	59	0.00	27.87	29.96	S	12.7	26.2	27.91	80.7	81.5	92	73
29	97	72	83.9	67.1	0	19	86	36	60	0.00	27.83	29.91	S	15.2	36.2	24.99	83.5	84.9	95	76
30	91	70	79.8	68.0	0	15	91	48	69	0.00	27.96	30.04	NE	7.4	31.7	26.71	86.5	87.8	99	79
31	92	70	79.5	68.3	0	16	97	37	72	0.00	28.02	30.11	NE	6.6	17.1	26.45	87.2	88.3	99	79

92\* 68\* 80.0\* 59.9\* <- Monthly Averages -> 27.93\* 30.02\* SSE\* 9.7\* 36.2\* 23.90\* 83.2\* 84.9\* 94\* 77\*

Temperature - Highest: 105* Lowest: 51*	Degree Days - Total HDD: 0* Total CDD: 461*	Number of Days With: Tmax ≥ 90: 22* Tmax ≤ 32: 0* Tmin ≤ 32: 0* Tmin ≤ 0: 0*	Rainfall ≥ 0.01 inch: 9* Rainfall ≥ 0.10 inch: 4* Avg Wind Speed ≥ 10 mph: 13* Max Wind Speed ≥ 30 mph: 8*
Rainfall: Monthly Total: 3.73* in. Greatest 24 Hr: 2.42* in.	Humidity - Highest: 98* Lowest: 13*		

MESONET CLIMATOLOGICAL DATA SUMMARY August 2013 Time Zone: Midnight-Midnight CST  
 (ERIC) Erick Nearest City: 4.0 ESE Erick County: Beckham  
 Latitude: 35-12-17 Longitude: 99-48-12 Elevation: 1978 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	68	82.3	65.5	0	17	95	28	62	0.00	27.98	30.06	SSE	7.0	20.8	27.44	88.3	89.8	101	80
2	105	73	90.0	61.4	0	24	90	18	45	0.00	27.81	29.89	S	13.0	28.1	26.46	89.2	91.5	102	83
3	104	76	89.6	58.1	0	25	60	19	37	0.00	27.86	29.94	SSE	12.0	28.5	26.18	89.6	92.4	103	84
4	102	69	88.2	58.9	0	21	77	21	40	0.00	27.92	30.00	S	9.7	30.5	27.83	90.1	92.9	103	84
5	104	74	89.6	58.0	0	24	67	18	38	0.00	27.84	29.92	SSW	11.1	26.3	28.17	90.6	93.3	104	84
6	107	72	91.8	56.3	0	24	62	17	33	0.00	27.76	29.83	SSW	12.7	28.0	28.04	91.0*	93.9*	105*	84*
7	97	72	83.7	63.9	0	19	94	28	55	0.74	27.80	29.88	NE	8.9	28.6	18.36	89.1	91.2	97	86
8	89	65	76.3	67.6	0	12	97	47	76	1.33	27.84	29.92	ENE	8.5	37.0	22.79	82.9	85.4	94	79
9	84	65	73.3	66.4	0	10	97	55	81	0.04	27.95	30.04	NNW	8.2	21.6	23.50	78.2	79.7	85	75
10	82	67	73.7	65.0	0	10	92	50	76	0.00	28.07	30.16	NE	6.2	16.7	22.09	78.4	80.4	89	74
11	91	65	76.2	67.2	0	13	98	44	77	0.04	28.01	30.10	ESE	5.7	35.4	22.49	80.4	83.2	95	74
12	94*	69*	76.6*	67.9*	0*	17*	97*	41*	77*	0.05*	27.95*	30.04*	WSW*	8.3*	25.1*	NA	81.6*	84.0*	96*	76*
13	84	67	74.0	67.3	0	11	97	55	81	0.14	27.98	30.07	NNE	5.9	23.8	19.90	79.4	80.5	88	75
14	83	67	73.8	65.1	0	10	96	51	76	0.00	28.01	30.10	E	6.7	15.7	20.61	80.3	81.7	91	75
15	89	65	75.5	65.8	0	12	98	43	75	0.00	27.96	30.05	SSE	5.9	20.1	20.86	81.5	83.2	94	75
16	87	65	74.6	64.1	0	11	96	40	72	1.25	27.98	30.07	ESE	6.2	46.6	26.05	80.1	82.2	91	75
17	84	65	73.7	64.1	0	10	94	49	74	0.00	28.01	30.10	SSE	8.5	20.3	21.87	77.2	81.5	91	74
18	87	64	75.1	61.2	0	10	95	38	65	0.00	27.98	30.07	SE	10.0	26.0	25.31	78.4	82.7	93	74
19	89	65	77.0	60.7	0	12	86	38	60	0.00	27.95	30.03	SSE	11.4	27.4	25.08	79.7	83.3	93	75
20	93	67	79.5	60.6	0	15	77	33	55	0.00	27.93	30.01	SSE	10.6	24.6	25.58	81.7	85.0	95	76
21	91	64	78.5	57.0	0	12	83	28	51	0.00	27.97	30.06	SSE	8.8	22.4	25.84	82.2*	85.4*	95*	77*
22	93	61	78.3	57.5	0	12	93	19	53	0.00	27.96	30.05	S	5.1	16.7	26.02	83.1	86.0	97	76
23	95	64	81.6	60.7	0	15	91	26	54	0.00	27.94	30.02	SSE	6.2	23.0	25.24	84.4	87.5	97	78
24	97	69	83.3	62.9	0	18	88	26	54	0.00	27.98	30.07	SSE	9.1	20.2	24.13	85.7	88.7	97	80
25	97	68	83.3	62.1	0	17	87	27	52	0.00	28.05	30.15	SSE	8.6	22.4	25.57	86.3	89.3	99	81
26	95	66	80.9	60.5	0	15	85	30	53	0.00	28.06	30.15	SSE	8.6	23.5	24.92	85.6	88.6	97	81
27	93	64	79.4	61.1	0	14	83	28	57	0.00	27.99	30.08	SSE	8.5	22.7	23.74	84.5	87.5	96	79
28	95	67	81.0	63.2	0	16	93	31	59	0.00	27.96	30.05	S	8.8	25.1	22.95	85.0	87.7	95	80
29	97	69	83.6	56.2	0	18	69	22	42	0.00	27.96	30.05	SSW	9.5	22.9	19.82	84.0	86.8	93	80
30	103	70	86.3	56.5	0	21	69	19	40	0.00	27.89	29.97	SSW	8.1	23.0	25.44	85.1	87.9	98	79
31	103	67	87.6	53.9	0	20	71	18	35	0.00	27.81	29.89	SSW	7.3	21.9	25.02	86.7	89.5	99	81

94\* 67\* 80.6\* 61.8\* <- Monthly Averages -> 27.94\* 30.03\* SSE\* 8.5\* 46.6\* 24.24\* 83.9\* 86.5\* 96\* 79\*

Temperature - Highest: 107* Lowest: 61*	Degree Days - Total HDD: 0* Total CDD: 484*	Number of Days With: Tmax ≥ 90: 21* Tmax ≤ 32: 0* Tmin ≤ 32: 0* Tmin ≤ 0: 0*	Rainfall ≥ 0.01 inch: 7* Rainfall ≥ 0.10 inch: 4* Avg Wind Speed ≥ 10 mph: 7* Max Wind Speed ≥ 30 mph: 4*
Rainfall: Monthly Total: 3.59* in. Greatest 24 Hr: 1.33* in.	Humidity - Highest: 98* Lowest: 17*		

MESONET CLIMATOLOGICAL DATA SUMMARY      September      2013      Time Zone: Midnight-Midnight CST  
 (ERIC) Erick      Nearest City: 4.0 ESE Erick      County: Beckham  
 Latitude: 35-12-17      Longitude: 99-48-12      Elevation: 1978 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	68	80.0	60.1	0	14	80	35	52	0.00	27.85	29.93	NE	6.8	20.5	13.21	84.3	86.4	90	82	
2	93	64	78.3	58.0	0	13	89	21	56	0.00	27.95	30.04	NE	6.7	17.2	24.50	84.3*	85.9*	95*	79*	
3	95	57	76.2	51.8	0	11	89	18	48	0.00	27.98	30.07	ESE	4.2	13.1	24.87	83.6*	85.5*	95*	77*	
4	96	58	77.1	53.1	0	12	88	22	48	0.00	28.01	30.10	ESE	4.5	16.0	24.73	83.8	85.9	95	77	
5	98*	60*	80.6*	55.5*	0*	14*	94*	17*	49*	0.00*	28.02*	30.12*	SE *	5.6*	18.4*	NA	83.8*	86.2*	95*	78*	
6	100	66	84.1	57.1	0	18	75	23	43	0.00	27.98	30.07	SSE	6.4	20.0	20.27	84.8	86.9	94	80	
7	101	65	84.0	57.3	0	18	82	19	46	0.05	27.92	30.00	S	5.4	42.7	23.35	85.5	87.5	96	80	
8	97	67	82.9	56.8	0	17	86	20	46	0.00	27.88	29.97	SSE	8.2	26.2	23.51	84.0	86.4	95	79	
9	94	68	81.7	57.8	0	16	75	27	47	0.00	27.87	29.95	S	12.2	31.3	23.25	84.2	86.0	93	79	
10	93	70	80.0	60.3	0	16	76	30	53	0.00	27.96	30.05	S	11.8	32.0	22.96	84.5	85.9	93	80	
11	92	69	79.7	59.8	0	16	83	30	53	0.00	28.02	30.11	S	9.1	33.1	21.57	84.4	85.7	92	80	
12	95	63	79.5	57.4	0	14	82	22	51	0.00	28.00	30.09	E	5.6	20.2	21.96	83.8	85.3	93	78	
13	88	67	73.5	65.9	0	13	97	44	79	0.85	27.96	30.05	ENE	7.6	30.1	13.52	80.8	82.3	89	76	
14	84	63	72.2	65.1	0	9	99	57	79	1.04	27.90	29.99	SE	6.7	16.0	13.58	75.2	75.7	81	72	
15	89	68	77.3	63.8	0	14	85	37	65	0.01	27.93	30.01	SSE	7.1	18.3	16.25	75.8	75.4	80	71	
16	85	66	72.9	66.0	0	10	97	49	81	0.40	28.04	30.13	E	7.1	21.6	18.25	76.6	76.4	83	72	
17	86	64	73.2	66.5	0	10	98	50	81	0.00	27.97	30.06	S	8.4	30.9	16.17	75.8	75.1	81	71	
18	89	68	77.8	64.1	0	13	94	36	66	0.00	27.86	29.94	SSW	11.9	32.6	22.25	75.8	77.0	84	71	
19	84	65	74.5	63.9	0	9	93	57	71	0.02	27.87	29.95	SSW	11.6	30.0	13.90	74.3*	77.1*	82*	73*	
20	72	54	64.3	55.8	2	0	96	49	75	0.00	27.96	30.04	NE	9.6	23.8	12.51	70.5	72.1	76	68	
21	81	50	64.4	46.3	0	0	96	21	60	0.00	27.93	30.02	WNW	5.7	14.8	23.62	69.2*	70.8*	81*	62*	
22	83	52	67.3	47.9	0	2	92	28	54	0.00	27.80	29.88	SSE	9.6	27.0	23.18	69.7	72.0	82	63	
23	86	53	69.4	49.1	0	4	86	23	53	0.00	27.72	29.80	S	10.1	33.0	22.44	70.8	73.0	82	65	
24	87	55	70.2	47.5	0	6	80	21	49	0.00	27.91	29.99	NNW	7.8	19.7	22.76	72.1	74.3	83	67	
25	91	50	72.1	49.9	0	6	93	20	53	0.00	27.77	29.84	SSE	9.2	25.7	22.39	72.4	74.4	84	65	
26	94	65	79.0	55.6	0	14	79	26	48	0.00	27.71	29.78	SSE	16.5	35.8	21.30	75.3	77.8	86	70	
27	89	62	76.7	60.9	0	11	77	42	59	0.00	27.75	29.83	S	17.2	35.4	18.00	75.8	78.1	84	71	
28	76	51	64.1	50.2	1	0	97	31	65	0.95	27.95	30.04	N	12.2	35.4	21.54	71.5	71.8	79	65	
29	78	45	61.1	44.9	3	0	97	22	63	0.00	27.96	30.05	WNW	5.0	13.2	22.70	67.7	66.0	75	58	
30	84	50	67.0	50.4	0	2	88	29	59	0.00	27.76	29.84	SSE	9.1	18.8	22.00	67.8	67.9	78	59	
89* 61* 74.7* 56.6*				<- Monthly Averages ->							27.91* 29.99*		S * 8.6* 42.7*			20.36*		77.6* 79.0* 86* 72*			

Temperature - Highest: 101*	Degree Days - Total HDD: 7*	Number of Days With:
Lowest: 45*	Total CDD: 302*	
Rainfall: Monthly Total: 3.32* in.	Humidity - Highest: 99*	Tmax ≤ 32: 0*      Rainfall ≥ 0.10 inch: 4*
Greatest 24 Hr: 1.04* in.	Lowest: 17*	Tmin ≤ 32: 0*      Avg Wind Speed ≥ 10 mph: 8*
		Tmin ≤ 0: 0*      Max Wind Speed ≥ 30 mph: 12*

MESONET CLIMATOLOGICAL DATA SUMMARY      October      2013      Time Zone: Midnight-Midnight CST  
 (ERIC) Erick      Nearest City: 4.0 ESE Erick      County: Beckham  
 Latitude: 35-12-17      Longitude: 99-48-12      Elevation: 1978 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	55	71.6	56.4	0	6	90	32	61	0.00	27.78	29.85	SSE	11.9	27.9	21.23	69.2	71.5	81	63
2	87	63	74.8	63.0	0	10	90	45	68	0.00	27.79	29.87	SSE	14.5	30.5	19.93	71.5	74.6	83	68
3	91	66	77.9	63.1	0	13	93	34	64	0.00	27.70	29.77	S	17.9	31.7	20.30	73.4	76.7	85	70
4	92	57	76.4	56.6	0	10	80	28	53	0.00	27.73	29.80	S	15.7	39.2	18.34	74.5*	78.0*	86*	72*
5	70	42	55.5	29.4	9	0	76	18	40	0.00	28.02	30.11	N	14.1	34.9	20.21	68.7*	71.1*	77*	66*
6	79	39	57.1	31.2	6	0	78	14	44	0.00	28.04	30.13	NNW	11.2	35.4	21.12	65.2	65.4	74	58
7	79	43	60.9	40.0	4	0	88	21	52	0.00	28.04	30.14	SE	5.2	14.7	20.62	66.4	67.2	78	58
8	83	44	64.5	39.0	2	0	81	19	43	0.00	27.92	30.00	SSE	10.8	28.3	19.93	66.7	67.8	77	60
9	81	49	66.1	44.4	0	0	82	24	49	0.00	27.87	29.95	SSE	13.1	31.5	19.51	67.7	68.8	76	62
10	83	53	69.3	54.4	0	3	90	37	61	0.00	27.80	29.88	SSE	16.5	38.0	19.42	69.1	70.3	78	63
11	84	49	67.3	38.4	0	2	92	10	45	0.00	27.74	29.82	WSW	11.2	34.6	20.17	69.9	71.4	79	66
12	73	47	60.5	40.8	5	0	73	31	50	0.00	27.99	30.08	NE	10.1	26.5	19.62	67.1	67.6	75	62
13	66	51	59.2	53.8	7	0	96	72	82	0.00	28.10	30.19	NE	6.6	19.9	4.01	65.0	64.5	67	62
14	74	64	68.0	65.4	0	4	98	76	92	0.07	27.88	29.96	SSE	12.1	24.4	6.92	67.5	68.0	71	66
15	62	47	53.9	37.5	10	0	76	36	55	0.00	28.01	30.10	N	13.2	34.0	13.46	63.1	63.2	68	59
16	51	36	46.1	35.3	21	0	95	49	67	0.01	28.05	30.14	NNE	6.5	17.2	6.29	59.1	57.8	60	53
17	70	32	52.8	36.5	14	0	99	24	61	0.00	27.94	30.02	ESE	4.7	15.3	18.70	58.5	57.6	68	48
18	57	30	44.4	40.4	21	0	100	56	87	0.05	27.98	30.07	N	10.6	33.5	2.88	58.0	56.1	62	49
19	69	30	48.5	30.9	15	0	100	18	59	0.01	28.02	30.11	WNW	9.7	23.3	18.93	54.8	52.7	64	44
20	76	38	55.7	38.8	8	0	78	23	57	0.00	27.80	29.87	SSW	7.8	21.5	18.41	57.7	57.2	67	49
21	64	38	52.7	36.3	14	0	82	30	56	0.00	27.99	30.08	NNE	10.0	28.0	17.52	59.9	59.6	67	55
22	79	37	57.9	34.9	7	0	85	17	49	0.00	28.01	30.10	W	8.0	24.1	17.86	59.4	59.1	69	51
23	84	36	59.8	36.0	5	0	93	13	51	0.00	27.98	30.07	WSW	8.0	31.9	17.76	60.8	61.1	70	53
24	62	40	50.8	37.4	14	0	90	35	63	0.00	28.16	30.26	ENE	9.6	25.4	17.07	60.6	60.1	67	55
25	65	36	51.2	39.0	14	0	86	42	65	0.00	28.19	30.29	SSE	8.8	28.1	15.20	58.8	57.7	65	51
26	72	41	57.4	48.0	8	0	95	46	73	0.00	28.04	30.14	S	8.7	26.5	12.46	61.4	61.7	68	57
27	71	30	52.1	32.3	14	0	96	15	57	0.00	27.97	30.06	S	8.3	18.9	17.62	59.7	59.0	67	51
28	66	46	57.9	56.6	9	0	100	81	95	0.00	27.88	29.96	SSE	11.7	33.0	3.15	59.9	58.8	62	56
29	74	58	67.0	63.0	0	1	96	73	87	0.00	27.86	29.94	S	9.4	28.8	3.93	63.5	63.9	67	62
30	77	64	69.9	59.4	0	6	96	33	72	0.00	27.73	29.81	S	12.6	42.8	6.18	65.2	66.2	70	64
31	68	43	57.3	37.9	10	0	81	27	51	0.00	27.70	29.77	NNW	12.9	39.7	16.49	63.2	63.6	69	59

74	45	60.1	44.4	<- Monthly Averages ->							27.93	30.01	SSE	10.7	42.8	15.33	64.0*	64.5*	71*	58*
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Temperature - Highest: 92 Lowest: 30	Degree Days - Total HDD: 217 Total CDD: 54	Number of Days With: Tmax ≥ 90: 2 Tmax ≤ 32: 0 Tmin ≤ 32: 4 Tmin ≤ 0: 0	Rainfall ≥ 0.01 inch: 4 Rainfall ≥ 0.10 inch: 0 Avg Wind Speed ≥ 10 mph: 18 Max Wind Speed ≥ 30 mph: 14
Rainfall: Monthly Total: 0.14 in. Greatest 24 Hr: 0.07 in.	Humidity - Highest: 100 Lowest: 10		