

Sand Dunes Mesonet Station - April 2005

Temperatures from 2 meter tower level - Winds from 15 meter tower level

<u>Date</u>	<u>Max Temp (°F)</u>	<u>Min Temp (°F)</u>	<u>Average Temp (°F)</u>	<u>Average Wind Speed (mph)</u>	<u>Peak Wind Speed (mph)</u>	<u>Mean Vector Wind (mph/deg)</u>	<u>Precipitation (inches)</u>
Apr 1	56.3	20.3	38.7	13.4	35.1	5.2 from 204.6 - SSW	N/A
Apr 2	63.3	23.7	46.5	11.8	46.1	7.0 from 222.2 - SW	N/A
Apr 3	58.0	29.8	43.7	14.8	42.3	9.8 from 217.2 - SW	N/A
Apr 4	49.1	34.9	39.4	15.0	43.6	6.4 from 268.8 - W	N/A
Apr 5	51.4	26.8	38.7	12.0	34.9	5.0 from 240.4 - WSW	N/A
Apr 6	60.2	23.8	42.0	8.6	16.5	7.7 from 37.3 - NE	N/A
Apr 7	67.9	32.3	50.9	14.8	42.9	5.0 from 180.6 - S	N/A
Apr 8	53.1	33.5	42.8	16.6	35.8	10.2 from 218.7 - SW	N/A
Apr 9	51.9	29.5	41.1	17.5	44.1	16.2 from 348.1 - NNW	N/A
Apr 10	53.1	26.8	40.7	11.6	40.0	7.6 from 347.0 - NNW	N/A
Apr 11	60.6	21.7	41.3	11.7	38.9	7.1 from 232.4 - SW	N/A
Apr 12	65.1	30.5	49.1	14.1	41.5	8.4 from 203.8 - SSW	N/A
Apr 13	70.8	30.6	48.5	20.0	62.3	15.0 from 206.0 - SSW	N/A
Apr 14	48.5	26.1	36.6	17.2	48.4	15.0 from 230.5 - SW	N/A
Apr 15	54.1	18.1	36.9	6.6	21.7	1.9 from 34.9 - NE	N/A
Apr 16	68.1	21.2	45.8	10.2	32.1	2.2 from 175.0 - S	N/A
Apr 17	69.0	31.3	51.0	16.1	48.0	10.2 from 232.3 - SW	N/A
Apr 18	48.0	31.5	37.2	8.8	28.9	5.3 from 6.0 - N	N/A
Apr 19	54.4	28.1	40.1	21.7	53.7	20.7 from 3.5 - N	N/A
Apr 20	47.0	32.2	38.7	12.9	42.9	5.1 from 12.8 - NNE	N/A
Apr 21	53.7	33.0	41.7	6.1	18.0	4.5 from 33.7 - NNE	N/A
Apr 22	62.3	28.5	45.3	7.9	22.7	5.3 from 51.0 - NE	N/A
Apr 23	64.1	34.9	48.7	12.5	43.1	4.0 from 42.1 - NE	N/A
Apr 24	69.6	36.7	54.9	18.7	46.5	17.8 from 34.3 - NE	N/A
Apr 25	68.8	36.7	53.9	13.8	31.4	13.0 from 37.1 - NE	N/A
Apr 26	68.6	29.8	52.4	7.9	25.4	1.6 from 203.2 - SSW	N/A
Apr 27	58.0	33.1	44.5	14.5	38.5	12.7 from 48.1 - NE	N/A
Apr 28	52.4	30.8	40.0	15.4	40.3	15.0 from 52.3 - NE	N/A
Apr 29	51.7	26.4	39.3	12.8	40.4	1.8 from 48.7 - NE	N/A
Apr 30	54.1	28.3	41.4	6.9	17.6	4.1 from 22.7 - NNE	N/A
Averages	58.4	29.0	43.7	13.1	37.5	1.4 from 345.8 - NNW	0.00
							Total

Maximum temperature of 70.8 °F occurred 14:15 MST Apr 13th.
 Minimum temperature of 18.1 °F occurred 6:30 MST Apr 15th.
 Heating degree days from daily averages based on 65 °F for month is 638.2.
 Peak wind for month of 62.3 mph occurred 21:20 MST Apr 13th.
 N/A indicates that all data for date are not available.