

Arco Mesonet Station - May 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>
May 1	58.5	25.2	45.1	7.0	20.6	3.4 from 74.7 - ENE	0.00
May 2	63.9	30.0	48.1	5.4	25.6	1.3 from 88.4 - E	0.00
May 3	60.3	33.6	47.6	7.5	35.0	0.5 from 225.7 - SW	0.01
May 4	60.0	31.0	47.2	7.9	32.7	3.2 from 216.1 - SW	0.01
May 5	63.9	38.3	49.5	7.3	43.8	2.6 from 63.9 - ENE	0.43
May 6	63.7	38.9	50.6	6.9	21.9	2.3 from 164.2 - SSE	0.17
May 7	62.5	34.5	48.0	6.7	25.7	1.9 from 270.9 - W	0.01
May 8	64.4	39.0	50.4	7.4	30.7	3.6 from 163.8 - SSE	0.03
May 9	56.1	40.2	46.8	9.2	51.7	3.6 from 174.6 - S	0.11
May 10	52.2	38.8	43.0	7.3	21.0	2.6 from 14.2 - NNE	0.32
May 11	52.7	36.8	42.4	11.4	32.3	8.9 from 30.7 - NNE	0.15
May 12	51.5	35.6	41.5	5.2	15.4	3.2 from 111.1 - ESE	0.41
May 13	62.7	31.4	48.1	6.1	16.3	3.5 from 142.9 - SE	0.00
May 14	67.8	35.6	51.7	5.4	20.7	0.8 from 222.5 - SW	0.00
May 15	64.6	39.4	52.7	8.0	28.0	5.6 from 247.8 - WSW	0.05
May 16	52.8	41.0	49.1	11.4	36.4	10.1 from 205.1 - SSW	0.58
May 17	56.8	39.3	47.5	13.4	42.2	8.6 from 271.6 - W	0.06
May 18	56.8	43.0	49.6	7.7	32.5	5.0 from 209.4 - SSW	0.25
May 19	66.3	44.5	55.2	10.5	34.5	8.6 from 251.9 - WSW	0.05
May 20	73.3	40.8	57.2	11.4	41.5	7.1 from 275.6 - W	0.00
May 21	65.3	40.1	53.8	10.5	31.9	5.2 from 286.5 - WNW	0.00
May 22	74.2	33.4	56.3	9.2	36.6	7.5 from 241.7 - WSW	0.00
May 23	67.2	37.6	54.4	10.6	32.2	7.8 from 208.5 - SSW	0.00
May 24	68.3	32.0	51.9	7.7	28.7	1.4 from 270.3 - W	0.00
May 25	66.5	36.8	52.1	6.5	19.3	4.0 from 101.2 - E	0.00
May 26	68.3	33.0	54.0	7.5	22.8	4.1 from 100.1 - E	0.00
May 27	73.1	39.9	58.7	8.1	24.3	4.3 from 75.0 - ENE	0.00
May 28	80.8	36.0	59.8	7.3	37.6	1.6 from 298.4 - WNW	0.00
May 29	67.3	43.1	57.1	8.6	37.8	3.8 from 33.9 - NE	0.00
May 30	71.7	43.0	56.8	9.8	29.7	1.3 from 16.9 - NNE	0.00
May 31	70.9	34.7	54.7	7.5	33.3	4.1 from 240.4 - WSW	0.06
Averages	64.0	37.0	51.0	8.3	30.4	1.3 from 225.2 - SW	2.70
							Total

Maximum temperature of 80.8 °F occurred 14:55 MST May 28th.

Minimum temperature of 25.2 °F occurred 5:15 MST May 1st.

Heating degree days from daily averages based on 65 °F for month is 434.3.

Peak wind for month of 51.7 mph occurred 13:35 MST May 9th.