

**Morrisville State College - School of Agriculture and Natural Resources**  
**Weather Data from the Fully-automated Weather Station at the Free-stall Dairy Complex**  
**Daily Summaries for the Month of May 2008**

6/16/2008 16:27

Date	Day of Week	T <sub>avg.</sub> (°F)	T <sub>max.</sub> (°F)	Time of T <sub>max.</sub>	T <sub>min.</sub> (°F)	Time of T <sub>min.</sub>	RH <sub>avg.</sub> (%)	RH <sub>max.</sub> (%)	Time of RH <sub>max.</sub>	RH <sub>min.</sub> (%)	Time of RH <sub>min.</sub>	Wind <sub>avg.</sub> (mph)	Wind <sub>max.</sub> (mph)	Time of Wind <sub>max.</sub>	Solar Rad <sub>avg.</sub> (W/m <sup>2</sup> )	RainFall (in)	GDD (Base T=50°F)	Cum. GDD	ET <sub>0</sub> (in)
May 1, 2008	Thursday	41.9	57.0	1:59 PM	22.4	5:06 AM	59.2	94.4	11:58 PM	24.1	10:30 AM	4.3	17.5	4:17 PM	247.90	0.04	0.00	0	0.12
May 2, 2008	Friday	49.1	56.1	12:54 PM	44.0	12:00 AM	84.1	95.5	3:27 AM	72.6	12:36 PM	6.8	19.2	11:27 PM	107.00	0.09	0.00	0	0.05
May 3, 2008	Saturday	53.5	62.9	12:38 PM	47.8	11:56 PM	79.5	94.6	11:56 PM	64.5	12:37 PM	10.0	26.0	3:15 PM	196.00	0.14	3.47	3	0.09
May 4, 2008	Sunday	46.4	53.0	1:34 PM	32.2	12:00 AM	72.7	94.6	12:06 AM	50.8	4:29 PM	7.4	22.8	12:00 PM	138.20	0.03	0.00	3	0.06
May 5, 2008	Monday	46.2	63.9	3:57 PM	27.2	5:14 AM	58.7	95.3	5:37 AM	22.1	5:17 PM	3.5	16.7	4:47 PM	306.70	0.00	0.00	3	0.15
May 6, 2008	Tuesday	49.9	61.6	2:35 PM	36.7	3:48 AM	57.0	91.7	5:06 AM	22.3	1:46 PM	5.4	24.2	2:55 PM	292.80	0.00	0.00	3	0.16
May 7, 2008	Wednesday	54.5	72.3	1:08 PM	34.1	4:46 AM	60.6	93.8	10:57 PM	27.4	1:11 PM	5.3	24.6	7:24 PM	221.30	0.04	4.48	8	0.13
May 8, 2008	Thursday	50.7	57.7	1:44 AM	38.6	11:59 PM	75.7	94.8	9:00 AM	56.5	4:35 PM	7.4	26.0	1:42 AM	196.00	0.01	0.72	9	0.08
May 9, 2008	Friday	47.1	58.5	2:46 PM	33.4	5:04 AM	69.2	94.9	5:39 AM	43.6	2:48 PM	4.3	17.1	11:07 AM	224.80	0.00	0.00	9	0.10
May 10, 2008	Saturday	47.6	59.2	4:11 PM	35.0	3:03 AM	65.4	92.7	3:38 AM	38.2	3:48 PM	5.1	19.6	3:57 PM	253.80	0.00	0.00	9	0.12
May 11, 2008	Sunday	51.4	66.1	1:15 PM	32.7	4:53 AM	56.5	92.9	6:01 AM	20.0	2:40 PM	7.4	26.4	9:42 AM	246.60	0.00	1.37	10	0.16
May 12, 2008	Monday	48.7	57.6	4:45 PM	41.5	11:55 PM	54.6	80.8	11:59 PM	28.4	4:48 PM	7.9	25.7	9:16 AM	251.50	0.00	0.00	10	0.12
May 13, 2008	Tuesday	52.6	66.5	4:06 PM	38.0	5:13 AM	55.6	85.5	1:43 AM	25.7	4:08 PM	5.0	17.5	11:49 AM	326.10	0.00	2.56	13	0.17
May 14, 2008	Wednesday	57.5	74.0	1:45 PM	34.9	4:27 AM	57.0	91.9	4:51 AM	22.1	12:22 PM	6.1	24.6	1:51 PM	257.00	0.00	7.45	20	0.18
May 15, 2008	Thursday	52.3	58.7	12:17 AM	43.0	10:57 PM	74.4	95.9	10:26 AM	52.9	5:18 PM	6.3	19.6	3:23 PM	170.10	0.11	2.29	22	0.07
May 16, 2008	Friday	46.2	51.7	11:43 AM	39.6	11:55 PM	77.6	94.6	11:45 PM	60.5	10:56 AM	2.4	9.9	9:44 AM	75.30	0.09	0.00	22	0.04
May 17, 2008	Saturday	49.1	65.1	12:04 PM	32.2	4:41 AM	64.5	95.8	6:07 AM	33.2	11:34 AM	5.0	22.8	3:19 PM	213.50	0.02	0.00	22	0.11
May 18, 2008	Sunday	44.2	52.9	9:52 AM	36.8	4:42 AM	76.1	93.4	5:08 AM	58.9	10:28 AM	5.1	31.8	7:45 PM	96.10	0.09	0.00	22	0.04
May 19, 2008	Monday	40.7	45.4	2:06 PM	36.1	8:45 AM	70.9	85.5	8:41 AM	56.3	2:42 PM	11.4	35.0	2:27 PM	120.20	0.00	0.00	22	0.06
May 20, 2008	Tuesday	45.7	57.4	12:49 PM	32.6	4:50 AM	65.0	90.6	5:06 AM	39.4	12:54 PM	5.6	18.2	12:18 AM	207.50	0.00	0.00	22	0.10
May 21, 2008	Wednesday	42.0	50.7	8:47 AM	34.2	1:24 AM	73.3	90.7	6:35 AM	55.9	8:49 AM	4.9	22.1	1:58 PM	146.40	0.01	0.00	22	0.06
May 22, 2008	Thursday	42.4	49.0	2:22 PM	37.4	6:34 AM	77.4	92.3	5:07 AM	62.6	2:39 PM	8.4	27.1	7:03 PM	155.30	0.18	0.00	22	0.06
May 23, 2008	Friday	48.4	55.8	3:30 PM	42.8	6:48 AM	71.8	91.4	7:13 AM	52.3	1:39 PM	8.5	23.5	11:24 AM	225.80	0.01	0.00	22	0.09
May 24, 2008	Saturday	51.2	59.6	12:51 PM	41.5	4:25 AM	63.9	87.4	1:06 AM	40.4	2:36 PM	7.2	27.1	10:45 AM	312.90	0.00	1.21	24	0.14
May 25, 2008	Sunday	54.9	69.0	5:26 PM	36.9	4:35 AM	57.2	93.1	5:04 AM	21.3	4:35 PM	3.8	16.4	3:42 PM	341.00	0.00	4.91	28	0.19
May 26, 2008	Monday	64.2	79.1	2:51 PM	44.4	12:49 AM	58.8	85.4	9:30 PM	32.2	12:17 PM	7.9	23.2	1:36 PM	251.00	0.01	14.17	43	0.18
May 27, 2008	Tuesday	54.0	64.5	6:43 AM	39.3	10:56 PM	77.5	94.2	5:26 AM	60.9	5:41 PM	6.1	23.2	3:14 PM	137.00	0.01	4.01	47	0.07
May 28, 2008	Wednesday	43.9	54.4	2:00 PM	32.7	4:22 AM	59.2	87.0	11:46 PM	31.5	2:57 PM	6.4	22.1	3:07 PM	347.50	0.00	0.00	47	0.14
May 29, 2008	Thursday	51.9	68.5	3:53 PM	29.7	4:35 AM	55.2	93.5	5:02 AM	17.0	4:30 PM	7.1	27.5	9:23 AM	346.30	0.00	1.89	49	0.20
May 30, 2008	Friday	60.1	74.2	12:17 PM	38.7	4:41 AM	53.2	86.8	4:52 AM	19.6	1:58 PM	4.6	17.5	11:57 PM	256.00	0.00	10.13	59	0.17
May 31, 2008	Saturday	65.7	74.0	2:25 PM	59.9	11:50 PM	68.4	93.3	6:54 AM	43.5	12:00 AM	8.5	25.7	2:26 PM	166.20	0.06	15.70	74	0.11
<b>Average (if applicable)</b>		<b>50.1</b>					<b>66.1</b>					<b>6.3</b>			<b>220.45</b>	<b>0.03</b>	<b>2.40</b>		<b>0.11</b>
<b>Minimum (if applicable)</b>		<b>40.7</b>	<b>45.4</b>	<b>2:06 PM</b>	<b>22.4</b>	<b>5:06 AM</b>	<b>53.2</b>	<b>80.8</b>	<b>11:59 PM</b>	<b>17.0</b>	<b>4:30 PM</b>	<b>2.4</b>	<b>9.9</b>	<b>9:44 AM</b>	<b>75.30</b>				
Date When Minimum Occurred		19-May	19-May		1-May		30-May	12-May		29-May		16-May	16-May		16-May				
<b>Maximum (if applicable)</b>		<b>65.7</b>	<b>79.1</b>	<b>2:51 PM</b>	<b>59.9</b>	<b>11:50 PM</b>	<b>84.1</b>	<b>95.9</b>	<b>10:26 AM</b>	<b>72.6</b>	<b>12:36 PM</b>	<b>11.4</b>	<b>35.0</b>	<b>2:27 PM</b>	<b>347.50</b>	<b>0.18</b>	<b>15.70</b>		<b>0.20</b>
Date When Maximum Occurred		31-May	26-May		31-May		2-May	15-May		2-May		19-May	19-May		28-May	22-May	31-May		29-May
<b>Total (if applicable)</b>																<b>0.94</b>	<b>74.4</b>		<b>3.51</b>