

**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 March 2009**

8/5/2009 11:34

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)
March 1, 2009	Sunday	13.0	22.4	2:37 PM	2.4	6:38 AM	69.6	86.6	12:13 AM	52.5	5:24 PM	6.4	20.3	5:00 PM	175.40	0.00	0.00	0	0.03
March 2, 2009	Monday	8.8	14.0	12:04 AM	5.4	11:59 PM	63.5	76.0	12:33 PM	51.1	1:39 AM	12.9	26.0	1:46 PM	92.90	0.00	0.00	0	0.02
March 3, 2009	Tuesday	7.8	13.9	3:18 PM	1.1	6:58 AM	62.1	83.7	11:59 PM	40.4	2:51 PM	10.4	25.3	10:02 AM	184.90	0.00	0.00	0	0.03
March 4, 2009	Wednesday	14.8	24.6	3:50 PM	6.0	11:59 PM	68.0	87.2	6:36 AM	48.9	5:23 PM	6.2	20.3	2:17 PM	163.00	0.00	0.00	0	0.03
March 5, 2009	Thursday	24.7	41.6	2:58 PM	1.6	6:34 AM	53.2	87.5	12:52 AM	18.9	2:14 PM	6.9	25.0	11:21 PM	189.40	0.00	0.00	0	0.07
March 6, 2009	Friday	45.6	55.7	2:34 PM	32.7	2:59 AM	61.7	79.4	10:51 PM	43.9	12:02 AM	10.7	26.8	1:31 AM	80.30	0.01	0.00	0	0.06
March 7, 2009	Saturday	42.5	50.8	10:31 PM	34.0	6:19 AM	74.8	95.9	10:26 PM	53.8	1:17 PM	4.7	21.0	6:27 PM	113.70	0.75	0.00	0	0.04
March 8, 2009	Sunday	37.4	48.8	12:02 AM	35.0	5:12 AM	87.9	96.5	10:30 AM	79.2	2:16 PM	4.7	20.3	1:18 AM	57.14	0.12	0.00	0	0.02
March 9, 2009	Monday	32.7	39.1	8:34 AM	25.1	6:59 PM	91.4	94.8	4:55 AM	87.9	11:26 AM	8.1	28.5	2:59 PM	37.97	0.41	0.00	0	0.01
March 10, 2009	Tuesday	30.5	35.2	11:54 PM	23.9	3:29 AM	86.4	93.7	4:01 AM	79.0	12:44 PM	8.8	28.5	11:45 PM	60.17	0.06	0.00	0	0.02
March 11, 2009	Wednesday	36.8	49.2	1:44 PM	22.7	11:59 PM	65.2	92.6	3:49 AM	37.8	2:16 PM	13.8	35.3	2:55 PM	93.10	0.08	0.00	0	0.04
March 12, 2009	Thursday	18.6	22.9	12:00 AM	15.0	11:58 PM	68.2	85.7	7:08 AM	50.7	2:21 PM	9.4	25.3	12:47 AM	146.90	0.00	0.00	0	0.03
March 13, 2009	Friday	21.0	32.5	4:06 PM	11.1	5:58 AM	58.9	86.0	11:58 PM	31.8	4:36 PM	3.6	12.8	3:51 PM	189.30	0.00	0.00	0	0.04
March 14, 2009	Saturday	30.7	44.9	3:25 PM	16.1	12:40 AM	58.5	88.7	12:58 AM	28.3	3:09 PM	4.2	21.0	12:37 PM	214.60	0.00	0.00	0	0.07
March 15, 2009	Sunday	34.5	50.7	2:20 PM	20.4	6:01 AM	56.9	86.2	5:54 AM	27.6	2:23 PM	3.9	13.2	3:24 PM	221.80	0.00	0.00	0	0.09
March 16, 2009	Monday	38.3	56.0	3:19 PM	21.6	6:35 AM	55.4	87.0	6:43 AM	23.8	3:24 PM	4.1	12.4	1:53 PM	186.50	0.00	0.00	0	0.08
March 17, 2009	Tuesday	43.5	56.8	2:43 PM	29.7	6:20 AM	55.8	82.8	7:04 AM	28.8	2:26 PM	5.4	16.7	11:23 PM	219.20	0.00	0.00	0	0.10
March 18, 2009	Wednesday	46.0	56.0	11:55 AM	37.0	11:59 PM	73.9	93.4	7:00 PM	54.5	11:48 AM	8.2	26.4	7:16 AM	79.40	0.34	0.00	0	0.04
March 19, 2009	Thursday	35.5	44.0	12:18 PM	26.6	11:55 PM	63.9	94.6	8:34 AM	33.2	2:11 PM	6.9	25.0	3:15 PM	191.70	0.14	0.00	0	0.07
March 20, 2009	Friday	25.6	32.3	2:30 PM	17.4	12:00 AM	57.7	83.7	12:00 AM	31.7	3:49 PM	7.5	21.0	2:32 PM	234.30	0.00	0.00	0	0.06
March 21, 2009	Saturday	27.7	42.6	1:10 PM	12.4	6:02 AM	51.6	87.4	5:03 AM	15.9	3:20 PM	3.9	14.6	12:22 PM	225.70	0.00	0.00	0	0.08
March 22, 2009	Sunday	28.8	33.4	3:53 AM	19.5	11:59 PM	55.6	86.9	8:44 AM	24.2	5:24 PM	8.2	25.7	4:59 PM	82.40	0.01	0.00	0	0.03
March 23, 2009	Monday	19.5	24.9	3:13 PM	14.4	6:13 AM	44.0	58.2	11:49 PM	29.8	10:57 AM	11.0	26.8	12:10 PM	244.00	0.00	0.00	0	0.05
March 24, 2009	Tuesday	24.9	38.2	3:58 PM	12.6	5:53 AM	47.9	73.4	11:06 PM	22.4	3:11 PM	4.8	18.5	11:50 AM	248.80	0.00	0.00	0	0.07
March 25, 2009	Wednesday	38.2	51.7	4:07 PM	21.4	1:07 AM	43.9	69.3	1:06 AM	18.5	2:10 PM	10.1	27.5	10:57 AM	226.20	0.00	0.00	0	0.11
March 26, 2009	Thursday	41.1	46.3	12:41 PM	38.4	7:13 PM	63.0	93.2	8:23 PM	32.8	12:11 AM	7.5	19.6	12:12 AM	58.44	0.01	0.00	0	0.04
March 27, 2009	Friday	43.4	54.2	2:02 PM	36.8	11:19 PM	61.5	95.2	4:25 AM	27.8	2:29 PM	5.9	18.2	3:11 AM	231.00	0.01	0.00	0	0.09
March 28, 2009	Saturday	50.1	65.1	1:32 PM	30.3	6:05 AM	56.8	80.9	6:05 AM	32.6	1:20 PM	5.1	22.5	10:52 PM	222.20	0.00	0.13	0	0.12
March 29, 2009	Sunday	46.8	53.8	11:57 AM	35.8	11:57 PM	77.7	94.5	10:19 AM	60.9	1:10 AM	8.2	26.0	5:25 PM	42.11	0.30	0.00	0	0.02
March 30, 2009	Monday	31.9	36.6	3:04 AM	29.5	9:17 PM	86.9	94.6	1:38 AM	79.2	8:41 PM	10.5	32.1	7:40 PM	41.93	0.09	0.00	0	0.01
March 31, 2009	Tuesday	35.7	46.7	4:44 PM	29.3	5:40 AM	67.6	83.2	10:49 AM	52.1	4:47 PM	6.2	16.0	9:55 PM	142.10	0.00	0.00	0	0.05
<b>Average (if applicable)</b>		<b>31.5</b>					<b>64.2</b>					<b>7.4</b>	<b>22.5</b>		<b>151.50</b>	<b>0.08</b>	<b>0.00</b>		<b>0.05</b>
<b>Minimum (if applicable)</b>		<b>7.8</b>	<b>13.9</b>	<b>3:18 PM</b>	<b>1.1</b>	<b>6:58 AM</b>	<b>43.9</b>	<b>58.2</b>	<b>11:49 PM</b>	<b>15.9</b>	<b>3:20 PM</b>	<b>3.6</b>	<b>12.4</b>	<b>1:53 PM</b>	<b>37.97</b>				
Date When Minimum Occurred		3-Mar	3-Mar		3-Mar		25-Mar	23-Mar		21-Mar		13-Mar	16-Mar		9-Mar				
<b>Maximum (if applicable)</b>		<b>50.1</b>	<b>65.1</b>	<b>1:32 PM</b>	<b>38.4</b>	<b>7:13 PM</b>	<b>91.4</b>	<b>96.5</b>	<b>10:30 AM</b>	<b>87.9</b>	<b>11:26 AM</b>	<b>13.8</b>	<b>35.3</b>	<b>2:55 PM</b>	<b>248.80</b>	<b>0.75</b>	<b>0.13</b>		<b>0.12</b>
Date When Maximum Occurred		28-Mar	28-Mar		26-Mar		9-Mar	8-Mar		9-Mar		11-Mar	11-Mar		24-Mar	7-Mar	28-Mar		28-Mar
<b>Total (if applicable)</b>																<b>2.33</b>	<b>0.1</b>		<b>1.60</b>