

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 February 2008

3/3/2008 10:40

Date	Day of Week	T _{avg.} (°F)	T _{max.} (°F)	Time of T _{max.}	T _{min.} (°F)	Time of T _{min.}	RH _{avg.} (%)	RH _{max.} (%)	Time of RH _{max.}	RH _{min.} (%)	Time of RH _{min.}	Wind _{avg.} (mph)	Wind _{max.} (mph)	Time of Wind _{max.}	Solar Rad _{avg.} (W/m ²)	RainFall (in)	GDD		ET ₀ (in)
																	(Base T=50°F)	Cum. GDD	
February 1, 2008	Friday	28.0	34.0	7:02 PM	22.0	8:16 AM	70.6	97.1	10:15 PM	44.0	6:31 AM				18.03	0.02	0.00	0	0.00
February 2, 2008	Saturday	29.5	33.2	12:00 AM	27.2	11:48 PM	89.3	94.3	11:59 PM	84.3	5:17 PM				21.32	0.02	0.00	0	0.01
February 3, 2008	Sunday	28.8	32.1	1:42 PM	25.1	7:06 AM	86.3	94.3	12:07 AM	78.2	11:58 AM				45.77	0.12	0.00	0	0.01
February 4, 2008	Monday	29.4	32.6	11:52 PM	26.3	7:21 AM	85.9	93.4	8:31 PM	78.4	9:19 AM				20.42	0.01	0.00	0	0.01
February 5, 2008	Tuesday	39.2	46.0	2:27 PM	32.4	12:00 AM	92.7	98.3	11:40 PM	87.1	2:31 PM				37.05	0.33	0.00	0	0.01
February 6, 2008	Wednesday	32.2	35.2	9:22 AM	28.9	5:44 PM	98.3	99.3	5:57 PM	97.3	11:59 PM				20.66	0.51	0.00	0	0.01
February 7, 2008	Thursday	25.4	32.9	6:11 AM	18.0	6:33 PM	88.5	97.6	12:01 AM	79.3	11:00 AM				43.79	0.00	0.00	0	0.01
February 8, 2008	Friday	24.6	28.7	12:50 PM	20.1	12:13 AM	87.1	94.9	8:56 PM	79.3	12:48 PM				54.33	0.00	0.00	0	0.01
February 9, 2008	Saturday	29.0	32.3	10:01 PM	24.6	6:03 AM	88.2	94.0	6:57 AM	82.3	10:04 AM	5.8	20.7	12:31 PM	52.88	0.00	0.00	0	0.01
February 10, 2008	Sunday	18.0	31.7	12:01 AM	1.0	10:55 PM	68.0	94.6	4:03 AM	41.4	3:27 PM	0.1	23.2	10:39 AM	89.00	0.00	0.00	0	0.02
February 11, 2008	Monday	7.1	13.5	2:54 PM	0.9	12:18 AM	65.6	78.4	11:56 PM	52.8	2:08 PM	5.4	29.3	12:26 PM	133.70	0.00	0.00	0	0.02
February 12, 2008	Tuesday	11.1	21.0	11:59 PM	-0.1	7:04 AM	75.2	89.0	6:53 PM	61.4	2:40 PM	6.5	26.8	10:01 PM	69.04	0.00	0.00	0	0.01
February 13, 2008	Wednesday	25.9	33.0	11:31 AM	18.6	11:21 PM	89.3	95.9	11:14 AM	82.7	9:31 PM	8.3	27.1	7:55 PM	26.69	0.05	0.00	0	0.01
February 14, 2008	Thursday	21.6	28.5	3:40 PM	15.7	6:44 AM	74.8	87.6	8:06 AM	62.1	3:57 PM	6.9	21.0	9:54 PM	82.70	0.00	0.00	0	0.02
February 15, 2008	Friday	22.3	28.7	10:45 AM	13.2	11:56 PM	79.1	87.6	11:15 AM	70.6	3:29 PM	8.3	26.0	12:08 PM	50.57	0.00	0.00	0	0.01
February 16, 2008	Saturday	13.7	22.4	3:46 PM	5.8	11:34 PM	68.8	88.7	7:24 AM	48.8	3:50 PM	3.6	12.4	3:12 AM	116.20	0.00	0.00	0	0.02
February 17, 2008	Sunday	27.1	43.7	12:00 AM	8.8	12:01 AM	72.8	91.0	11:29 PM	54.6	11:32 AM	13.3	40.3	11:52 AM	63.94	0.10	0.00	0	0.02
February 18, 2008	Monday	39.6	51.0	6:19 AM	29.3	11:53 PM	74.6	93.9	3:48 AM	55.3	11:55 PM	9.1	32.1	2:46 AM	37.78	0.01	0.00	0	0.02
February 19, 2008	Tuesday	21.4	29.7	12:18 AM	12.9	11:54 PM	63.4	87.5	4:11 PM	39.4	11:14 AM	9.2	28.9	7:08 PM	99.20	0.01	0.00	0	0.03
February 20, 2008	Wednesday	13.9	18.2	3:55 PM	11.0	6:17 AM	63.5	81.4	11:20 PM	45.6	3:11 PM	8.3	27.8	8:20 AM	132.60	0.00	0.00	0	0.03
February 21, 2008	Thursday	12.9	19.8	3:21 PM	7.4	7:07 AM	68.0	85.0	10:26 PM	51.1	3:21 PM	5.1	23.2	2:35 AM	133.90	0.00	0.00	0	0.02
February 22, 2008	Friday	19.9	24.2	3:48 PM	11.6	12:04 AM	77.8	92.6	9:23 PM	63.1	2:44 AM	5.7	22.5	9:07 AM	48.09	0.00	0.00	0	0.01
February 23, 2008	Saturday	18.7	22.3	3:04 PM	11.6	9:29 PM	78.5	92.2	12:17 AM	64.9	4:07 PM	4.5	16.0	3:39 PM	114.30	0.00	0.00	0	0.02
February 24, 2008	Sunday	23.1	33.5	3:27 PM	14.2	11:56 PM	63.6	88.9	5:24 AM	38.3	3:41 PM	4.9	14.6	10:03 AM	155.70	0.04	0.00	0	0.04
February 25, 2008	Monday	22.4	35.5	2:33 PM	7.1	5:57 AM	70.6	91.4	11:59 PM	49.7	1:41 PM	3.6	18.9	12:59 PM	169.30	0.00	0.00	0	0.04
February 26, 2008	Tuesday	26.2	30.8	2:58 PM	18.8	12:13 AM	91.4	95.1	9:01 PM	87.7	11:15 AM	2.4	15.7	10:03 AM	37.75	0.00	0.00	0	0.01
February 27, 2008	Wednesday	14.5	28.6	12:00 AM	8.2	8:23 PM	84.0	95.4	1:39 AM	72.5	1:27 PM	9.7	26.0	2:34 PM	116.70	0.00	0.00	0	0.02
February 28, 2008	Thursday	5.8	11.0	12:56 PM	1.0	8:18 PM	69.7	83.5	2:18 AM	55.9	3:37 PM	6.4	23.2	2:34 PM	153.40	0.00	0.00	0	0.02
February 29, 2008	Friday	9.4	23.3	3:02 PM	-12.7	6:22 AM	68.2	89.9	9:12 PM	46.4	1:39 PM	8.6	28.2	9:56 PM	165.10	0.00	0.00	0	0.03
Average (if applicable)		22.1					77.7					6.5			79.65	0.04	0.00		0.02
Minimum (if applicable)		5.8	11.0	12:56 PM	-12.7	6:22 AM	63.4	78.4	11:56 PM	38.3	3:41 PM	0.1	12.4	3:12 AM	18.03				
Date When Minimum Occurred		28-Feb	28-Feb		29-Feb		19-Feb	11-Feb		24-Feb		10-Feb	16-Feb		1-Feb				
Maximum (if applicable)		39.6	51.0	6:19 AM	32.4	12:00 AM	98.3	99.3	5:57 PM	97.3	11:59 PM	13.3	40.3	11:52 AM	169.30	0.51	0.00		0.04
Date When Maximum Occurred		18-Feb	18-Feb		5-Feb		6-Feb	6-Feb		6-Feb		17-Feb	17-Feb		25-Feb	6-Feb	1-Feb		25-Feb
Total (if applicable)																1.22	0.0		0.50