

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 2009

8/5/2009 11:34

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 (Base T=50°F)	Cum. GDD	ET ₀ (in)
February 1, 2009	Sunday	30.7	42.1	2:58 PM	15.2	12:01 AM	64.0	80.8	12:00 AM	47.1	4:40 PM	7.8	27.5	12:14 PM	102.30	0.34	0.00	0	0.03
February 2, 2009	Monday	29.9	37.4	12:00 AM	15.5	11:59 PM	68.6	89.3	11:21 PM	47.9	2:05 PM	2.7	11.7	12:02 AM	61.49	0.00	0.00	0	0.02
February 3, 2009	Tuesday	16.6	25.8	2:54 PM	6.3	7:27 AM	72.4	91.3	2:23 AM	53.4	8:55 PM	4.7	15.3	4:51 PM	95.20	0.00	0.00	0	0.02
February 4, 2009	Wednesday	4.4	11.1	2:04 PM	-2.0	7:15 AM	68.5	83.5	9:22 PM	53.6	3:42 PM	6.1	21.4	2:30 PM	139.70	0.00	0.00	0	0.02
February 5, 2009	Thursday	3.1	9.5	3:09 PM	-3.8	7:13 AM	67.9	79.2	4:51 PM	56.7	11:57 PM	7.2	26.8	11:33 AM	128.60	0.00	0.00	0	0.02
February 6, 2009	Friday	12.3	24.5	3:43 PM	5.8	2:19 AM	63.0	82.1	11:43 PM	43.9	3:43 PM	3.5	10.7	12:00 AM	68.56	0.00	0.00	0	0.02
February 7, 2009	Saturday	30.7	47.0	11:15 PM	3.2	12:43 AM	67.3	85.1	1:30 AM	49.5	10:51 AM	9.0	27.8	9:26 AM	73.30	0.00	0.00	0	0.04
February 8, 2009	Sunday	34.2	47.7	1:58 AM	24.0	11:54 PM	69.6	85.0	8:14 AM	54.2	5:18 PM	11.5	35.3	10:03 AM	63.20	0.00	0.00	0	0.02
February 9, 2009	Monday	27.0	32.7	3:52 PM	23.6	11:36 PM	74.2	86.8	3:32 AM	61.6	4:04 PM	4.3	17.1	11:57 AM	85.30	0.00	0.00	0	0.02
February 10, 2009	Tuesday	36.6	43.9	2:32 PM	23.5	1:31 AM	72.4	90.3	11:59 PM	54.6	12:16 PM	5.9	18.2	9:47 AM	41.55	0.00	0.00	0	0.03
February 11, 2009	Wednesday	43.1	47.0	12:20 PM	38.3	6:46 AM	88.5	96.0	5:15 PM	80.9	10:54 PM	4.1	18.2	11:06 PM	45.95	0.10	0.00	0	0.02
February 12, 2009	Thursday	35.8	46.9	1:53 AM	29.0	11:57 PM	86.7	97.0	11:46 PM	76.4	7:52 AM	12.2	40.7	1:26 PM	40.01	0.10	0.00	0	0.01
February 13, 2009	Friday	18.8	29.2	12:00 AM	13.7	8:15 PM	81.7	97.3	1:21 AM	66.1	4:39 PM	8.5	22.8	12:04 AM	145.10	0.00	0.00	0	0.02
February 14, 2009	Saturday	20.3	28.1	2:29 PM	14.1	7:21 AM	72.2	88.4	11:59 PM	56.0	2:39 PM	6.1	20.3	2:04 AM	142.40	0.01	0.00	0	0.03
February 15, 2009	Sunday	18.7	26.7	1:55 PM	8.6	7:13 AM	70.4	89.8	11:59 PM	51.0	1:44 PM	5.6	20.0	9:55 AM	163.50	0.00	0.00	0	0.03
February 16, 2009	Monday	17.1	25.4	1:38 PM	7.0	1:17 AM	72.0	91.8	6:52 AM	52.2	1:48 PM	4.9	19.6	2:30 PM	161.90	0.00	0.00	0	0.03
February 17, 2009	Tuesday	16.8	33.1	3:56 PM	3.1	7:06 AM	65.6	89.1	6:38 AM	42.1	3:58 PM	2.1	14.2	11:03 AM	155.50	0.01	0.00	0	0.03
February 18, 2009	Wednesday	25.9	32.0	11:26 AM	16.2	12:58 AM	69.1	93.3	7:57 PM	45.0	11:16 AM	11.3	36.8	1:18 PM	47.51	0.00	0.00	0	0.02
February 19, 2009	Thursday	26.1	35.3	5:17 AM	12.9	9:24 PM	72.4	92.6	3:28 AM	52.2	5:38 PM	9.1	31.0	5:35 PM	60.35	0.13	0.00	0	0.02
February 20, 2009	Friday	17.2	21.2	3:53 PM	12.5	6:19 AM	76.1	87.9	10:31 PM	64.3	1:46 PM	13.7	36.8	12:18 PM	98.20	0.00	0.00	0	0.02
February 21, 2009	Saturday	23.4	30.3	2:28 PM	17.7	7:34 AM	62.8	85.8	12:32 AM	39.8	2:06 PM	9.1	28.5	10:07 PM	164.10	0.01	0.00	0	0.04
February 22, 2009	Sunday	25.6	30.1	4:43 AM	18.4	10:50 PM	67.4	88.7	10:36 AM	46.1	12:44 AM	9.5	27.1	10:53 PM	79.00	0.00	0.00	0	0.02
February 23, 2009	Monday	14.9	19.0	12:40 AM	12.8	11:00 AM	79.0	84.4	3:12 AM	73.6	9:56 AM	12.4	29.6	12:39 AM	97.20	0.00	0.00	0	0.02
February 24, 2009	Tuesday	10.9	18.2	2:36 PM	0.5	11:01 PM	69.8	86.1	10:36 PM	53.6	2:39 PM	7.5	23.5	2:48 PM	174.80	0.00	0.00	0	0.03
February 25, 2009	Wednesday	20.1	36.8	4:17 PM	0.8	2:00 AM	56.0	85.4	1:41 AM	26.6	4:27 PM	5.8	23.9	9:14 PM	179.60	0.02	0.00	0	0.05
February 26, 2009	Thursday	37.5	49.6	3:09 PM	28.5	3:46 AM	64.0	90.3	3:48 AM	37.8	12:21 AM	8.0	24.2	1:57 AM	111.80	0.02	0.00	0	0.04
February 27, 2009	Friday	39.4	46.5	1:34 PM	20.0	11:59 PM	78.9	94.9	8:43 PM	62.9	3:49 AM	12.4	30.3	11:46 AM	36.73	0.15	0.00	0	0.02
February 28, 2009	Saturday	11.7	20.2	12:00 AM	5.3	8:37 AM	70.7	89.6	12:00 AM	51.8	4:31 PM	7.0	23.5	12:53 AM	183.20	0.00	0.00	0	0.03
Average (if applicable)		23.2					71.1					7.6	24.4		105.22	0.03	0.00		0.03
Minimum (if applicable)		3.1	9.5	3:09 PM	-3.8	7:13 AM	56.0	79.2	4:51 PM	26.6	4:27 PM	2.1	10.7	12:00 AM	36.73				
Date When Minimum Occurred		5-Feb	5-Feb		5-Feb		25-Feb	5-Feb		25-Feb		17-Feb	6-Feb		27-Feb				
Maximum (if applicable)		43.1	49.6	3:09 PM	38.3	6:46 AM	88.5	97.3	1:21 AM	80.9	10:54 PM	13.7	40.7	1:26 PM	183.20	0.34	0.00		0.05
Date When Maximum Occurred		11-Feb	26-Feb		11-Feb		11-Feb	13-Feb		11-Feb		20-Feb	12-Feb		28-Feb	1-Feb	1-Feb		25-Feb
Total (if applicable)																0.89	0.0		0.70