

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 January 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)
January 1, 2009	Thursday	4.3	11.4	2:34 PM	-1.3	7:22 PM	71.3	84.7	9:05 PM	57.9	2:29 PM	7.7	26.4	4:16 AM	95.20	0.00	0.00	0	0.01
January 2, 2009	Friday	21.1	27.1	2:34 PM	6.9	12:50 AM	70.5	89.2	8:13 PM	51.8	6:35 AM	8.1	26.4	11:39 PM	37.39	0.00	0.00	0	0.01
January 3, 2009	Saturday	20.5	24.2	3:01 AM	14.5	11:51 PM	80.0	89.4	5:15 AM	70.6	12:29 PM	10.8	27.5	11:17 AM	51.96	0.00	0.00	0	0.01
January 4, 2009	Sunday	18.1	31.1	9:50 PM	4.9	7:56 AM	69.2	88.4	6:46 AM	49.9	9:40 PM	4.6	17.1	9:52 PM	90.70	0.02	0.00	0	0.02
January 5, 2009	Monday	26.3	33.3	1:42 AM	15.1	7:58 PM	65.9	94.2	4:25 AM	37.6	2:22 PM	6.6	28.5	2:33 PM	61.98	0.01	0.00	0	0.02
January 6, 2009	Tuesday	15.9	25.5	9:01 PM	-0.2	7:08 AM	67.1	89.8	11:59 PM	44.3	1:54 PM	4.5	18.9	10:03 PM	74.00	0.00	0.00	0	0.02
January 7, 2009	Wednesday	30.1	35.4	3:36 PM	22.7	12:04 AM	90.3	93.9	3:18 PM	86.7	11:32 PM	4.6	23.2	4:11 AM	13.10	0.37	0.00	0	0.00
January 8, 2009	Thursday	22.3	28.8	12:47 AM	16.5	11:55 PM	84.1	91.6	1:48 AM	76.5	2:23 PM				44.52	0.00	0.00	0	0.01
January 9, 2009	Friday	14.4	17.9	1:15 PM	8.3	11:59 PM	73.9	88.8	11:40 PM	59.1	1:39 PM	2.4	23.2	1:52 PM	104.30	0.00	0.00	0	0.02
January 10, 2009	Saturday	9.5	16.4	4:36 PM	-0.2	3:52 AM	82.7	90.6	8:15 PM	74.8	4:22 PM	2.5	8.5	3:01 PM	39.25	0.00	0.00	0	0.01
January 11, 2009	Sunday	13.2	17.6	1:55 PM	9.4	10:03 PM	83.5	89.6	1:01 AM	77.4	2:04 PM	4.6	21.7	11:36 AM	78.70	0.00	0.00	0	0.01
January 12, 2009	Monday	13.9	24.8	2:44 PM	7.6	9:03 PM	75.5	89.9	5:07 AM	61.0	2:41 PM	3.2	15.3	2:45 PM	78.30	0.00	0.00	0	0.01
January 13, 2009	Tuesday	22.5	30.1	12:44 PM	11.2	12:48 AM	79.6	90.2	7:39 PM	68.9	11:30 PM	10.8	29.6	8:54 PM	44.59	0.00	0.00	0	0.01
January 14, 2009	Wednesday	3.7	12.1	12:01 AM	-0.6	9:41 AM	69.8	84.2	11:56 PM	55.3	2:00 PM	7.1	28.9	1:06 AM	81.40	0.00	0.00	0	0.01
January 15, 2009	Thursday	-0.1	8.2	2:46 PM	-12.8	10:05 PM	71.0	84.4	2:08 AM	57.6	3:12 PM	3.3	14.6	3:01 PM	46.58	0.00	0.00	0	0.01
January 16, 2009	Friday	2.4	6.4	1:54 PM	-5.4	12:00 AM	66.2	83.6	12:07 AM	48.7	2:44 PM	9.2	29.6	12:56 PM	99.40	0.00	0.00	0	0.01
January 17, 2009	Saturday	3.7	10.9	1:23 PM	-4.1	6:22 AM	58.6	80.1	11:45 PM	37.1	2:02 PM	9.7	26.0	11:39 PM	92.40	0.00	0.00	0	0.02
January 18, 2009	Sunday	15.9	21.2	1:44 PM	6.9	12:34 AM	81.9	88.6	5:26 PM	75.1	1:30 PM	10.7	28.9	6:21 AM	44.71	0.00	0.00	0	0.01
January 19, 2009	Monday	16.3	21.6	1:39 AM	0.0	11:59 PM	77.0	89.1	6:52 PM	64.9	10:30 AM	3.2	10.7	4:03 AM	62.52	0.01	0.00	0	0.01
January 20, 2009	Tuesday	7.7	14.6	12:53 PM	-2.4	4:56 AM	80.7	89.7	8:27 AM	71.7	1:25 PM	5.2	18.2	1:07 PM	73.00	0.00	0.00	0	0.01
January 21, 2009	Wednesday	11.9	16.4	11:55 PM	6.3	6:31 AM	74.0	87.1	12:19 AM	60.9	2:31 PM	6.1	17.8	9:33 AM	71.20	0.00	0.00	0	0.01
January 22, 2009	Thursday	20.9	25.2	2:28 PM	14.8	6:53 AM	78.9	86.4	7:52 AM	71.3	1:06 PM	6.8	21.0	12:53 PM	43.21	0.00	0.00	0	0.01
January 23, 2009	Friday	31.2	39.6	1:54 PM	21.5	3:30 AM	71.9	86.4	2:08 AM	57.4	1:54 PM	8.3	29.3	10:50 PM	71.90	0.04	0.00	0	0.03
January 24, 2009	Saturday	11.2	29.6	12:28 AM	0.9	11:57 PM	73.7	89.1	2:59 AM	58.2	1:27 PM	10.8	32.8	2:40 AM	90.60	0.00	0.00	0	0.01
January 25, 2009	Sunday	5.2	16.1	11:56 AM	-6.0	8:02 AM	58.2	84.4	5:28 AM	32.0	12:20 PM	5.5	21.0	2:03 PM	116.00	0.00	0.00	0	0.02
January 26, 2009	Monday	8.0	17.7	3:21 PM	-6.8	7:32 AM	60.1	84.1	7:52 AM	36.2	3:21 PM	4.8	19.2	1:11 PM	121.80	0.00	0.00	0	0.02
January 27, 2009	Tuesday	14.2	18.6	1:27 PM	11.4	12:05 AM	69.2	81.8	8:01 PM	56.6	12:13 AM	5.4	16.4	9:02 AM	75.10	0.00	0.00	0	0.01
January 28, 2009	Wednesday	21.2	31.2	5:16 PM	15.7	2:31 AM	78.9	94.4	4:56 PM	63.3	12:54 AM	9.9	37.8	9:00 PM	16.59	0.00	0.00	0	0.00
January 29, 2009	Thursday	19.5	24.1	2:05 PM	14.8	7:44 AM	71.0	84.5	5:07 AM	57.5	3:34 PM	8.0	30.7	12:00 AM	106.60	0.00	0.00	0	0.02
January 30, 2009	Friday	21.3	28.0	1:38 PM	14.2	11:53 PM	73.8	85.9	1:59 PM	61.7	1:44 PM	7.6	23.2	11:45 PM	78.70	0.00	0.00	0	0.02
January 31, 2009	Saturday	12.1	15.5	11:59 PM	9.3	7:50 AM	68.8	83.7	5:43 AM	53.9	4:14 PM	8.1	21.4	12:23 AM	102.30	0.00	0.00	0	0.02
Average (if applicable)		14.8					73.4					6.7	23.1		71.23	0.01	0.00		0.01
Minimum (if applicable)		-0.1	6.4	1:54 PM	-12.8	10:05 PM	58.2	80.1	11:45 PM	32.0	12:20 PM	2.4	8.5	3:01 PM	13.10				
Date When Minimum Occurred		15-Jan	16-Jan		15-Jan		25-Jan	17-Jan		25-Jan		9-Jan	10-Jan		7-Jan				
Maximum (if applicable)		31.2	39.6	1:54 PM	22.7	12:04 AM	90.3	94.4	4:56 PM	86.7	11:32 PM	10.8	37.8	9:00 PM	121.80	0.37	0.00		0.03
Date When Maximum Occurred		23-Jan	23-Jan		7-Jan		7-Jan	28-Jan		7-Jan		24-Jan	28-Jan		26-Jan	7-Jan	1-Jan		23-Jan
Total (if applicable)																0.45	0		0.42