

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 2008

2/5/2008 9:18

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, 2008	Tuesday	28.3	35.3	12:22 PM	19.2	12:37 AM	82.2	95.9	1:07 AM	68.4	4:00 PM	6.8	25.3	1:53 PM	39.26	0.18	0.00	0	0.01
January 2, 2008	Wednesday	8.7	21.5	12:31 AM	1.4	7:55 PM	78.9	88.2	1:36 AM	69.6	11:42 PM	10.8	28.2	2:10 AM	62.72	0.00	0.00	0	0.01
January 3, 2008	Thursday	-1.1	7.6	11:57 PM	-11.4	7:26 AM	72.2	86.3	10:35 PM	58.1	11:01 AM	5.8	19.2	12:07 PM	99.60	0.00	0.00	0	0.01
January 4, 2008	Friday	18.2	26.0	2:34 PM	7.5	12:02 AM	60.8	74.6	6:04 AM	46.9	3:38 PM	6.9	18.5	3:18 AM	90.70	0.00	0.00	0	0.02
January 5, 2008	Saturday	25.9	37.0	1:49 PM	12.6	6:59 AM	61.3	88.2	7:47 PM	34.4	11:46 AM	7.2	25.3	1:08 PM	62.82	0.01	0.00	0	0.02
January 6, 2008	Sunday	38.4	44.6	11:59 PM	32.5	6:47 AM	88.7	93.1	11:00 PM	84.3	2:11 PM	5.2	19.6	11:59 PM	35.19	0.00	0.00	0	0.01
January 7, 2008	Monday	49.4	56.7	1:33 PM	44.3	1:34 AM	81.9	92.5	7:48 AM	71.3	1:56 PM	8.2	20.3	12:04 AM	54.06	0.00	0.00	0	0.02
January 8, 2008	Tuesday	55.0	62.7	12:54 PM	50.5	2:46 AM	70.4	84.5	3:20 AM	56.4	1:25 PM	8.5	24.2	12:46 PM	79.90	0.00	4.95	5	0.05
January 9, 2008	Wednesday	44.6	55.1	8:21 AM	34.0	11:05 PM	63.0	88.8	6:23 AM	37.2	3:06 PM	14.8	43.2	9:33 AM	81.70	0.02	0.00	5	0.05
January 10, 2008	Thursday	33.1	38.7	1:58 PM	29.9	6:19 PM	68.6	80.7	9:25 PM	56.4	2:10 PM	6.3	21.7	1:22 AM	65.93	0.00	0.00	5	0.02
January 11, 2008	Friday	38.1	44.6	3:00 PM	32.9	3:38 AM	74.7	95.1	1:17 PM	54.3	12:19 AM	8.7	27.5	6:02 AM	21.37	0.24	0.00	5	0.01
January 12, 2008	Saturday	34.2	37.2	12:42 AM	27.3	11:54 PM	74.3	93.8	11:48 PM	54.8	12:51 PM	6.6	21.4	12:11 AM	60.60	0.00	0.00	5	0.03
January 13, 2008	Sunday	30.4	38.6	12:57 PM	22.1	6:49 AM	78.9	97.3	6:57 AM	60.4	12:58 PM	4.3	14.6	10:07 PM	71.00	0.00	0.00	5	0.02
January 14, 2008	Monday	29.7	32.5	1:50 PM	28.1	6:32 AM	90.9	97.1	3:54 AM	84.6	2:31 PM	3.4	14.9	1:53 PM	32.75	0.00	0.00	5	0.01
January 15, 2008	Tuesday	24.8	28.6	12:00 AM	19.5	8:07 PM	85.0	89.9	5:44 PM	80.0	12:00 AM	4.7	20.7	1:43 PM	51.76	0.01	0.00	5	0.01
January 16, 2008	Wednesday	18.0	24.8	4:19 PM	11.0	10:16 PM	80.3	92.0	7:20 PM	68.6	11:55 AM	4.2	17.1	12:47 PM	68.99	0.00	0.00	5	0.01
January 17, 2008	Thursday	21.6	28.4	11:53 PM	9.3	2:20 AM	77.8	92.5	5:15 AM	63.2	12:40 PM	8.7	22.8	11:33 PM	46.18	0.00	0.00	5	0.02
January 18, 2008	Friday	27.4	35.4	8:50 AM	16.4	11:09 PM	67.7	91.8	3:45 AM	43.6	12:50 PM	9.6	30.3	10:09 AM	106.10	0.02	0.00	5	0.03
January 19, 2008	Saturday	18.2	25.8	1:49 PM	9.8	4:44 AM	68.2	84.2	3:46 PM	52.2	10:12 AM	7.3	19.2	8:46 AM	55.71	0.00	0.00	5	0.02
January 20, 2008	Sunday	9.6	13.7	12:01 AM	6.4	7:14 AM	57.3	75.5	5:20 AM	39.2	2:35 PM	12.0	33.2	3:36 PM	105.80	0.00	0.00	5	0.02
January 21, 2008	Monday	9.9	16.4	3:07 PM	4.4	5:03 AM	52.5	70.3	5:20 AM	34.8	2:06 PM	7.5	23.5	9:19 AM	112.90	0.00	0.00	5	0.02
January 22, 2008	Tuesday	20.6	27.1	9:01 PM	7.3	1:42 AM	59.7	86.4	9:34 PM	32.9	9:15 AM	10.6	32.1	9:37 PM	45.34	0.00	0.00	5	0.02
January 23, 2008	Wednesday	16.5	22.7	12:00 AM	9.4	5:24 AM	73.4	87.3	11:49 PM	59.4	1:18 AM	6.2	25.0	12:11 AM	82.70	0.00	0.00	5	0.02
January 24, 2008	Thursday	15.1	21.0	12:12 PM	12.5	7:31 PM	72.7	89.5	6:10 AM	55.8	12:36 PM	5.6	19.2	10:35 PM	54.67	0.00	0.00	5	0.01
January 25, 2008	Friday	16.8	23.3	3:12 PM	12.3	7:34 AM	67.2	87.0	5:20 AM	47.3	2:29 PM	10.3	29.6	1:45 PM	119.30	0.00	0.00	5	0.02
January 26, 2008	Saturday	19.0	23.9	3:40 PM	16.1	5:22 AM	73.6	91.7	8:25 PM	55.5	2:56 PM	5.7	20.0	12:02 AM	70.30	0.00	0.00	5	0.01
January 27, 2008	Sunday	22.3	28.0	12:44 PM	17.7	5:15 AM	74.7	90.8	5:12 AM	58.6	12:45 PM	4.6	10.3	5:38 PM	79.70	0.00	0.00	5	0.02
January 28, 2008	Monday	22.4	29.3	3:30 PM	12.7	11:24 PM	75.1	91.4	11:38 PM	58.8	3:31 PM	4.4	16.0	1:31 PM	108.60	0.00	0.00	5	0.02
January 29, 2008	Tuesday	30.2	38.4	11:36 PM	14.2	1:11 AM	80.2	94.5	10:53 PM	65.9	7:56 AM	6.8	23.9	2:01 PM	30.29	0.12	0.00	5	0.01
January 30, 2008	Wednesday	26.6	38.6	7:21 AM	16.6	9:35 PM	71.5	94.1	12:00 AM	49.0	4:04 PM				81.70	0.05	0.00	5	0.02
January 31, 2008	Thursday	18.5	22.7	3:15 PM	12.1	7:04 AM	67.8	81.9	4:13 AM	53.6	3:02 PM				110.60	0.00	0.00	5	0.02
Average (if applicable)		24.9					72.6					7.3			70.59	0.02	0.16		0.02
Minimum (if applicable)		-1.1	7.6	11:57 PM	-11.4	7:26 AM	52.5	70.3	5:20 AM	32.9	9:15 AM	3.4	10.3	5:38 PM	21.37				
Date When Minimum Occurred		3-Jan	3-Jan		3-Jan		21-Jan	21-Jan		22-Jan		14-Jan	27-Jan		11-Jan				
Maximum (if applicable)		55.0	62.7	12:54 PM	50.5	2:46 AM	90.9	97.3	6:57 AM	84.6	2:31 PM	14.8	43.2	9:33 AM	119.30	0.24	4.95		0.05
Date When Maximum Occurred		8-Jan	8-Jan		8-Jan		14-Jan	13-Jan		14-Jan		9-Jan	9-Jan		25-Jan	11-Jan	8-Jan		9-Jan
Total (if applicable)																0.65	5		0.58