

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 2008

4/1/2008 8:40

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 (Base T=50°F)	Cum. GDD	ET ₀ (in)
March 1, 2008	Saturday	25.3	32.3	11:31 AM	19.5	11:59 PM	71.9	92.8	6:15 AM	51.1	11:33 AM	10.6	30.3	7:40 PM	134.40	0.05	0.00	0	0.03
March 2, 2008	Sunday	22.4	30.2	3:58 PM	17.1	7:12 AM	64.9	85.6	1:42 AM	44.1	3:59 PM	6.8	21.4	1:16 AM	189.20	0.00	0.00	0	0.04
March 3, 2008	Monday	41.4	55.6	3:06 PM	24.8	12:00 AM	56.7	79.5	6:40 AM	33.9	3:07 PM	9.8	29.3	11:19 PM	161.70	0.08	0.00	0	0.08
March 4, 2008	Tuesday	32.3	49.9	1:34 AM	26.7	8:06 AM	75.0	93.6	11:57 PM	56.4	12:00 AM	5.4	24.2	3:57 AM	58.09	0.03	0.00	0	0.02
March 5, 2008	Wednesday	30.6	39.6	7:48 AM	23.6	11:55 PM	84.7	96.6	7:44 AM	72.8	12:49 PM	8.9	34.3	2:25 PM	42.70	0.68	0.00	0	0.02
March 6, 2008	Thursday	27.9	41.5	2:48 PM	15.3	6:36 AM	64.1	93.3	6:17 AM	35.0	2:13 PM	3.4	13.5	4:15 PM	195.60	0.00	0.00	0	0.06
March 7, 2008	Friday	30.8	44.0	2:18 PM	18.9	4:51 AM	73.2	95.9	11:35 PM	50.6	2:12 PM	3.0	12.8	11:48 AM	119.80	0.13	0.00	0	0.04
March 8, 2008	Saturday	30.9	35.2	7:21 PM	19.7	11:58 PM	87.2	97.6	10:36 AM	76.8	10:55 PM	3.1	25.3	7:10 PM	24.59	0.54	0.00	0	0.01
March 9, 2008	Sunday	18.1	22.7	4:00 PM	14.8	6:47 AM	67.5	84.7	12:25 AM	50.4	3:32 PM	1.9	24.2	9:58 PM	170.70	0.00	0.00	0	0.04
March 10, 2008	Monday	19.1	27.6	2:55 PM	11.3	11:35 PM	65.6	89.1	11:41 PM	42.2	11:06 AM	5.6	22.8	1:57 PM	194.60	0.00	0.00	0	0.04
March 11, 2008	Tuesday	25.5	37.4	2:58 PM	11.2	1:10 AM	59.2	90.9	4:36 AM	27.5	4:03 PM	3.9	13.9	2:37 PM	204.40	0.00	0.00	0	0.06
March 12, 2008	Wednesday	27.8	32.3	12:14 AM	21.8	11:57 PM	78.2	91.3	7:47 AM	65.1	12:14 AM	7.9	27.8	4:27 PM	60.92	0.00	0.00	0	0.02
March 13, 2008	Thursday	27.6	41.0	7:43 PM	10.2	5:26 AM	65.6	90.6	3:56 AM	40.5	4:06 PM	5.7	21.4	12:24 PM	111.50	0.02	0.00	0	0.04
March 14, 2008	Friday	36.4	45.1	2:35 PM	29.9	6:54 AM	76.8	94.9	11:50 PM	58.8	2:39 PM	3.3	13.5	3:33 PM	110.90	0.15	0.00	0	0.04
March 15, 2008	Saturday	34.6	39.9	11:37 AM	30.2	10:35 PM	87.6	95.9	9:20 AM	79.3	11:32 AM	2.7	14.6	3:44 PM	59.48	0.03	0.00	0	0.02
March 16, 2008	Sunday	28.5	31.5	10:36 AM	21.7	11:59 PM	76.0	90.9	7:02 AM	61.1	11:45 PM	7.7	26.0	2:54 PM	83.90	0.00	0.00	0	0.02
March 17, 2008	Monday	23.0	33.1	4:32 PM	14.8	6:25 AM	54.9	78.3	11:16 PM	31.5	4:17 PM	6.5	17.8	2:22 AM	225.50	0.00	0.00	0	0.05
March 18, 2008	Tuesday	30.6	40.7	12:08 PM	19.6	1:58 AM	60.6	87.7	11:50 PM	33.5	10:44 AM	9.2	28.5	3:12 PM	90.40	0.01	0.00	0	0.04
March 19, 2008	Wednesday	36.3	40.9	9:35 PM	31.5	12:34 AM	89.7	97.1	9:34 PM	82.2	1:38 AM	9.0	27.8	12:11 AM	19.65	0.35	0.00	0	0.01
March 20, 2008	Thursday	29.6	34.7	12:01 AM	22.2	11:57 PM	77.2	95.7	4:44 AM	58.8	4:48 PM	9.8	35.7	6:54 PM	80.80	0.02	0.00	0	0.03
March 21, 2008	Friday	21.9	27.4	3:52 PM	16.1	6:48 AM	61.6	85.5	3:41 AM	37.6	4:35 PM	12.0	32.1	2:56 AM	205.50	0.00	0.00	0	0.04
March 22, 2008	Saturday	22.1	29.9	2:42 PM	14.2	6:02 AM	52.6	71.6	2:39 AM	33.6	3:05 PM	8.3	22.8	3:04 PM	237.00	0.00	0.00	0	0.05
March 23, 2008	Sunday	21.2	28.9	2:44 PM	12.1	6:14 AM	56.7	81.5	11:44 PM	31.8	8:17 AM	6.3	20.7	2:55 PM	235.40	0.00	0.00	0	0.05
March 24, 2008	Monday	20.7	33.1	10:24 AM	9.0	5:51 AM	65.7	88.6	5:04 AM	42.8	10:24 AM	5.3	19.2	9:21 AM	189.30	0.00	0.00	0	0.05
March 25, 2008	Tuesday	27.3	41.5	2:21 PM	6.7	5:59 AM	56.8	93.6	11:54 PM	19.9	1:57 PM	9.3	36.4	8:16 PM	205.00	0.00	0.00	0	0.07
March 26, 2008	Wednesday	34.8	42.5	2:40 PM	24.6	11:58 PM	68.1	93.6	12:00 AM	42.6	2:17 PM	7.4	27.5	8:09 AM	143.10	0.04	0.00	0	0.05
March 27, 2008	Thursday	33.0	42.3	10:21 AM	22.9	5:32 AM	69.1	95.0	11:59 PM	43.2	12:01 PM	4.6	22.1	11:44 AM	112.00	0.00	0.00	0	0.04
March 28, 2008	Friday	28.7	32.0	10:33 AM	22.9	9:39 PM	89.2	95.8	6:04 AM	82.5	6:31 PM	0.9	16.4	12:40 PM	43.70	0.00	0.00	0	0.01
March 29, 2008	Saturday	18.3	23.6	1:28 AM	6.2	11:59 PM	65.0	87.1	2:06 AM	42.8	1:11 PM	2.2	21.0	3:03 PM	224.10	0.00	0.00	0	0.05
March 30, 2008	Sunday	24.4	40.7	4:27 PM	0.8	5:23 AM	55.6	86.0	4:28 AM	25.2	3:54 PM	6.3	27.1	9:50 PM	258.50	0.15	0.00	0	0.08
March 31, 2008	Monday	38.0	48.2	11:56 PM	31.1	4:23 AM	63.6	94.1	9:29 PM	33.1	3:21 AM	12.3	31.4	2:30 AM	48.55	0.25	0.00	0	0.02
Average (if applicable)		28.0	38.1	4:00 PM	0.8	5:23 AM	69.1	89.6	2:39 AM	19.9	1:57 PM	6.4	12.8	11:48 AM	136.81	0.08	0.00		0.04
Minimum (if applicable)		18.1	22.7	4:00 PM	0.8	5:23 AM	52.6	71.6	2:39 AM	19.9	1:57 PM	0.9	12.8	11:48 AM	19.65				
Date When Minimum Occurred		9-Mar	9-Mar		30-Mar		22-Mar	22-Mar		25-Mar		28-Mar	7-Mar		19-Mar				
Maximum (if applicable)		41.4	55.6	3:06 PM	31.5	12:34 AM	89.7	97.6	10:36 AM	82.5	6:31 PM	12.3	36.4	8:16 PM	258.50	0.68	0.00		0.08
Date When Maximum Occurred		3-Mar	3-Mar		19-Mar		19-Mar	8-Mar		28-Mar		31-Mar	25-Mar		30-Mar	5-Mar	1-Mar		3-Mar
Total (if applicable)																2.53	0.0		1.21