

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 April 2008

5/2/2008 10:21

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)
April 1, 2008	Tuesday	50.6	63.0	3:06 PM	29.9	11:58 PM	73.5	93.5	12:00 AM	53.6	3:47 PM	14.6	51.1	10:07 PM	113.40	0.06	0.63	1	0.06
April 2, 2008	Wednesday	26.9	32.5	2:43 PM	18.6	11:59 PM	52.2	79.9	11:31 PM	24.6	3:14 PM	10.7	32.8	2:27 AM	256.40	0.00	0.00	1	0.06
April 3, 2008	Thursday	33.8	49.3	1:52 PM	13.2	5:41 AM	51.8	89.7	5:47 AM	13.9	3:07 PM	6.8	23.5	4:06 PM	264.50	0.00	0.00	1	0.11
April 4, 2008	Friday	38.7	43.6	10:11 PM	32.8	5:40 AM	68.6	95.5	10:28 PM	41.7	12:10 AM	7.0	23.5	1:26 AM	34.61	0.20	0.00	1	0.01
April 5, 2008	Saturday	36.2	45.3	3:34 PM	30.5	11:49 PM	69.3	95.7	6:33 AM	42.8	4:35 PM	6.4	19.6	4:25 AM	122.80	0.00	0.00	1	0.04
April 6, 2008	Sunday	41.8	57.1	2:26 PM	29.1	5:22 AM	62.3	90.3	5:50 AM	34.3	1:49 PM	7.0	20.7	3:34 PM	262.00	0.00	0.00	1	0.11
April 7, 2008	Monday	43.7	57.6	1:48 PM	33.8	3:17 AM	61.4	78.0	5:43 AM	44.7	1:49 PM	10.5	24.6	10:17 PM	183.70	0.00	0.00	1	0.08
April 8, 2008	Tuesday	48.9	63.7	3:12 PM	35.6	5:31 AM	62.1	81.3	7:13 AM	42.9	3:06 PM	8.7	22.8	6:54 AM	239.30	0.00	0.00	1	0.11
April 9, 2008	Wednesday	53.6	65.8	12:43 PM	43.8	3:59 AM	56.9	80.5	4:08 AM	33.2	12:43 PM	11.0	31.8	11:54 AM	189.10	0.00	3.56	4	0.12
April 10, 2008	Thursday	43.3	51.5	2:47 PM	36.5	11:26 PM	59.8	78.5	11:29 PM	41.0	3:36 PM	6.9	21.7	1:23 PM	249.60	0.00	0.00	4	0.09
April 11, 2008	Friday	45.6	55.1	6:29 PM	36.4	12:19 AM	81.7	93.9	11:35 PM	69.5	3:34 AM	5.6	18.2	8:07 PM	64.59	0.43	0.00	4	0.03
April 12, 2008	Saturday	49.8	58.7	3:01 AM	36.7	11:59 PM	67.4	94.2	12:20 AM	40.6	12:20 PM	10.1	29.3	11:04 AM	163.30	0.07	0.00	4	0.08
April 13, 2008	Sunday	33.9	37.4	1:03 AM	29.8	10:18 PM	70.8	94.5	3:57 AM	47.1	4:04 PM	9.5	24.2	2:09 AM	139.60	0.01	0.00	4	0.05
April 14, 2008	Monday	36.2	43.6	1:34 PM	28.1	11:32 PM	54.5	75.5	12:20 AM	33.4	4:41 PM	8.3	25.0	1:41 PM	221.60	0.00	0.00	4	0.08
April 15, 2008	Tuesday	36.4	49.1	2:53 PM	23.2	6:03 AM	55.2	88.1	6:15 AM	22.2	4:13 PM	5.1	20.7	12:05 PM	289.70	0.00	0.00	4	0.11
April 16, 2008	Wednesday	45.0	64.3	2:44 PM	24.1	4:50 AM	48.3	85.8	6:16 AM	10.7	4:01 PM	3.9	14.2	10:29 AM	290.80	0.00	0.00	4	0.15
April 17, 2008	Thursday	54.6	74.6	2:57 PM	32.8	5:19 AM	42.9	72.1	6:12 AM	13.6	3:07 PM	3.7	14.2	4:25 PM	292.50	0.00	4.55	9	0.18
April 18, 2008	Friday	57.5	73.7	2:15 PM	39.0	5:34 AM	50.7	77.5	5:35 AM	23.8	4:44 PM	4.2	14.9	9:38 AM	276.60	0.00	7.47	16	0.17
April 19, 2008	Saturday	64.4	82.4	2:55 PM	41.8	4:58 AM	50.8	86.7	5:24 AM	14.8	3:27 PM	6.9	25.3	9:17 PM	275.10	0.00	14.42	31	0.21
April 20, 2008	Sunday	60.5	73.1	12:31 PM	49.8	11:57 PM	53.0	79.2	11:59 PM	26.8	12:26 PM	8.6	25.3	1:31 PM	272.20	0.00	10.48	41	0.18
April 21, 2008	Monday	59.4	74.6	2:56 PM	45.0	5:59 AM	57.7	89.8	6:05 AM	25.7	5:21 PM	4.8	16.7	3:24 PM	260.40	0.00	9.40	51	0.17
April 22, 2008	Tuesday	61.1	75.4	2:54 PM	43.8	5:42 AM	44.9	71.8	6:18 AM	18.0	4:07 PM	6.1	18.2	2:25 PM	288.60	0.00	11.12	62	0.19
April 23, 2008	Wednesday	60.7	71.7	1:21 PM	49.2	5:58 AM	56.3	82.6	6:24 AM	30.0	10:58 AM	6.1	18.2	1:18 PM	220.90	0.01	10.73	72	0.14
April 24, 2008	Thursday	52.9	64.0	2:42 PM	39.2	11:48 PM	46.9	72.6	11:37 PM	21.2	1:47 PM	6.9	23.2	10:07 AM	297.80	0.00	2.92	75	0.16
April 25, 2008	Friday	55.9	73.5	1:56 PM	33.9	4:59 AM	49.3	83.2	5:27 AM	15.3	1:47 PM	3.2	14.6	2:05 PM	248.20	0.00	5.92	81	0.15
April 26, 2008	Saturday	63.0	75.9	12:45 PM	51.8	11:57 PM	66.0	93.3	11:00 PM	38.6	12:46 PM	7.7	26.4	5:26 PM	246.20	0.31	12.96	94	0.18
April 27, 2008	Sunday	55.1	65.6	2:59 PM	44.4	5:07 AM	71.3	96.8	7:37 AM	45.8	4:24 PM	4.4	18.2	11:33 PM	256.40	0.00	5.09	99	0.12
April 28, 2008	Monday	46.2	52.3	12:00 AM	37.8	11:39 PM	82.8	94.2	9:32 AM	71.4	12:00 AM	8.2	21.0	11:13 AM	45.10	0.32	0.00	99	0.02
April 29, 2008	Tuesday	36.8	43.2	4:48 PM	32.7	8:01 AM	70.7	93.3	4:17 AM	48.1	5:03 PM	9.5	26.8	3:45 PM	155.30	0.00	0.00	99	0.05
April 30, 2008	Wednesday	34.5	43.2	3:26 PM	26.4	11:31 PM	59.9	89.4	11:41 PM	30.4	2:03 PM	6.9	20.0	4:10 AM	197.50	0.00	0.00	99	0.07
Average (if applicable)		47.6					60.0					7.3			213.93	0.05	3.31		0.11
Minimum (if applicable)		26.9	32.5	2:43 PM	13.2	5:41 AM	42.9	71.8	6:18 AM	10.7	4:01 PM	3.2	14.2	10:29 AM	34.61				
Date When Minimum Occurred		2-Apr	2-Apr		3-Apr		17-Apr	22-Apr		16-Apr		25-Apr	16-Apr		4-Apr				
Maximum (if applicable)		64.4	82.4	2:55 PM	51.8	11:57 PM	82.8	96.8	7:37 AM	71.4	12:00 AM	14.6	51.1	10:07 PM	297.80	0.43	14.42		0.21
Date When Maximum Occurred		19-Apr	19-Apr		26-Apr		28-Apr	27-Apr		28-Apr		1-Apr	1-Apr		24-Apr	11-Apr	19-Apr		19-Apr
Total (if applicable)																1.41	99.3		3.30