

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 June 2008

7/9/2008 9:37

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)
June 1, 2008	Sunday	55.3	60.4	12:01 AM	51.0	9:38 PM	76.9	92.4	2:59 AM	61.5	1:10 PM	6.4	22.5	11:18 AM	85.30	0.11	5.35	5	0.05
June 2, 2008	Monday	60.0	71.4	3:48 PM	49.6	2:15 AM	62.1	90.2	1:01 AM	33.9	4:01 PM	7.5	23.5	1:17 PM	320.00	0.00	9.95	15	0.18
June 3, 2008	Tuesday	59.7	70.1	9:20 AM	47.2	3:45 AM	68.6	92.3	3:39 AM	44.9	9:23 AM	3.1	18.2	11:14 AM	147.10	0.00	9.68	25	0.09
June 4, 2008	Wednesday	61.6	70.0	3:07 PM	55.1	11:10 PM	80.0	95.0	5:05 AM	65.0	3:07 PM	3.8	14.6	3:12 PM	174.10	0.00	11.59	37	0.10
June 5, 2008	Thursday	65.3	75.4	1:10 PM	52.6	4:17 AM	76.4	95.3	4:45 AM	57.5	1:10 PM	5.8	16.7	11:45 PM	248.40	0.00	15.32	52	0.14
June 6, 2008	Friday	74.9	86.9	3:25 PM	65.2	1:14 AM	70.9	93.7	5:12 AM	48.1	3:36 PM	6.9	22.5	3:50 AM	230.40	0.27	24.88	77	0.15
June 7, 2008	Saturday	76.2	86.8	12:44 PM	66.4	11:59 PM	66.5	91.9	11:59 PM	41.2	1:59 PM	5.9	28.2	12:49 PM	271.80	0.01	26.15	103	0.19
June 8, 2008	Sunday	73.2	82.2	10:18 AM	63.8	4:10 AM	76.2	95.5	4:44 AM	56.9	10:18 AM	4.7	24.2	11:46 AM	222.00	0.52	23.20	126	0.14
June 9, 2008	Monday	78.2	89.5	3:12 PM	69.0	11:58 PM	62.6	92.2	11:59 PM	32.9	2:13 PM	6.4	25.3	1:19 AM	317.10	0.28	28.24	154	0.23
June 10, 2008	Tuesday	72.0	85.6	10:36 AM	60.5	11:51 PM	69.8	95.7	3:06 AM	43.9	10:58 AM	6.0	32.8	5:12 PM	228.10	0.67	21.96	176	0.16
June 11, 2008	Wednesday	65.6	75.7	2:57 PM	55.7	11:58 PM	67.3	95.2	2:32 AM	39.4	2:24 PM	6.0	25.0	2:24 PM	311.50	0.00	15.57	192	0.18
June 12, 2008	Thursday	60.6	72.9	5:09 PM	49.3	11:59 PM	62.2	92.2	11:56 PM	32.2	3:42 PM	4.4	16.0	10:40 AM	344.10	0.00	10.60	203	0.18
June 13, 2008	Friday	68.7	85.8	2:08 PM	46.8	3:32 AM	65.9	95.3	5:23 AM	36.4	1:20 PM	4.8	15.3	4:02 PM	317.30	0.00	18.70	221	0.21
June 14, 2008	Saturday	70.5	77.0	1:07 PM	63.3	11:52 PM	75.4	94.4	11:59 PM	56.4	1:06 PM	3.8	12.4	8:57 AM	144.30	0.00	20.52	242	0.10
June 15, 2008	Sunday	66.9	78.2	3:55 PM	56.8	11:05 PM	64.3	95.2	1:13 AM	33.4	3:57 PM	4.3	28.5	8:19 PM	306.70	0.13	16.94	259	0.18
June 16, 2008	Monday	62.2	75.0	1:55 PM	52.4	11:16 PM	69.4	94.8	12:39 AM	44.0	2:09 PM	5.8	22.8	8:07 PM	199.40	0.53	12.17	271	0.11
June 17, 2008	Tuesday	54.2	61.3	3:46 PM	49.2	8:13 PM	71.1	94.5	2:27 AM	47.6	3:53 PM	6.6	23.9	3:34 PM	221.90	0.03	4.23	275	0.11
June 18, 2008	Wednesday	52.1	60.7	4:40 PM	43.9	11:56 PM	76.3	95.2	11:57 PM	57.4	4:37 PM	4.1	13.2	2:49 PM	161.90	0.21	2.12	277	0.08
June 19, 2008	Thursday	54.2	63.2	2:56 PM	42.2	3:07 AM	71.5	96.8	6:57 AM	46.3	12:54 PM	4.9	17.5	12:52 PM	205.40	0.01	4.25	281	0.11
June 20, 2008	Friday	57.4	66.8	4:30 PM	49.3	11:57 PM	78.7	96.0	11:50 PM	61.4	12:00 PM	4.4	18.2	11:32 AM	167.20	0.17	7.40	289	0.09
June 21, 2008	Saturday	60.7	76.2	3:11 PM	47.3	4:13 AM	64.4	97.5	8:32 AM	31.2	3:17 PM	4.2	23.2	4:59 PM	286.40	0.07	10.75	300	0.17
June 22, 2008	Sunday	63.2	75.1	1:38 PM	54.4	11:43 PM	67.2	95.1	11:55 PM	39.3	1:38 PM	4.9	18.5	2:09 PM	249.80	0.24	13.21	313	0.14
June 23, 2008	Monday	62.9	74.0	2:56 PM	53.5	12:32 AM	71.4	96.2	1:58 AM	46.6	2:46 PM	3.7	19.2	8:44 PM	233.70	0.22	12.87	326	0.14
June 24, 2008	Tuesday	58.6	68.1	12:27 PM	50.6	3:20 AM	77.3	97.0	5:17 AM	57.6	12:27 PM	5.8	22.1	12:36 PM	221.10	0.05	8.60	334	0.11
June 25, 2008	Wednesday	61.8	75.2	2:29 PM	46.0	4:44 AM	65.1	96.8	5:50 AM	33.3	5:01 PM	4.2	16.7	12:51 PM	293.50	0.00	11.83	346	0.17
June 26, 2008	Thursday	64.3	73.8	5:45 PM	54.9	12:27 AM	83.9	95.7	11:56 PM	72.1	4:55 PM	3.6	16.4	8:25 AM	115.20	0.10	14.26	360	0.06
June 27, 2008	Friday	69.0	78.1	4:21 PM	60.8	4:47 AM	78.3	96.3	1:53 AM	60.3	4:08 PM	3.4	12.4	7:45 AM	200.60	0.00	19.04	379	0.12
June 28, 2008	Saturday	70.2	80.0	1:08 PM	58.6	3:58 AM	80.2	97.3	7:11 AM	63.0	11:41 AM	5.2	21.0	12:33 PM	200.00	0.01	20.16	400	0.12
June 29, 2008	Sunday	70.0	79.2	11:46 AM	60.2	9:28 PM	72.2	96.0	10:12 PM	48.4	12:36 PM	5.6	20.0	3:49 PM	199.30	0.33	20.00	420	0.14
June 30, 2008	Monday	65.0	76.2	3:56 PM	57.3	11:52 PM	64.7	94.8	4:21 AM	34.6	3:59 PM	3.8	17.5	7:15 PM	260.30	0.00	14.99	435	0.15
Average (if applicable)		64.5			42.2	3:07 AM	71.2		90.2	1:01 AM	31.2	3:17 PM	5.0		229.46	0.13	14.48		0.14
Minimum (if applicable)		52.1	60.4	12:01 AM	42.2	3:07 AM	62.1	90.2	1:01 AM	31.2	3:17 PM	3.1	12.4	8:57 AM	85.30				
Date When Minimum Occurred		18-Jun	1-Jun		19-Jun		2-Jun	2-Jun		21-Jun		3-Jun	14-Jun		1-Jun				
Maximum (if applicable)		78.2	89.5	3:12 PM	69.0	11:58 PM	83.9	97.5	8:32 AM	72.1	4:55 PM	7.5	32.8	5:12 PM	344.10	0.67	28.24		0.23
Date When Maximum Occurred		9-Jun	9-Jun		9-Jun		26-Jun	21-Jun		26-Jun		2-Jun	10-Jun		12-Jun	10-Jun	9-Jun		9-Jun
Total (if applicable)																3.96	434.5		4.07