

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 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)
June 1, 2009	Monday	49.8	61.3	4:45 PM	29.5	3:30 AM	68.3	100.0	3:37 AM	36.6	1:08 PM	5.0	16.4	4:59 PM	196.10	0.00	0.00	0	0.11
June 2, 2009	Tuesday	54.7	62.6	4:05 PM	45.5	11:20 PM	72.5	94.6	9:23 PM	50.3	3:58 PM	5.5	16.0	3:20 AM	234.40	0.00	4.70	5	0.11
June 3, 2009	Wednesday	52.8	63.1	3:59 PM	43.5	1:21 AM	65.0	98.9	2:03 AM	31.1	2:02 PM	3.3	13.2	2:43 PM	212.60	0.00	2.77	7	0.11
June 4, 2009	Thursday	52.2	63.3	3:07 PM	39.3	4:56 AM	65.5	97.3	11:57 PM	33.7	12:36 PM	4.5	15.3	10:44 AM	335.70	0.00	2.20	10	0.16
June 5, 2009	Friday	55.7	70.0	3:21 PM	39.4	2:25 AM	65.0	100.0	4:34 AM	30.0	1:41 PM	4.4	14.2	12:43 PM	262.10	0.00	5.67	15	0.15
June 6, 2009	Saturday	60.4	72.6	2:32 PM	49.0	11:57 PM	64.6	99.8	4:43 AM	29.5	1:02 PM	5.5	21.4	2:20 PM	306.40	0.00	10.40	26	0.18
June 7, 2009	Sunday	59.0	70.9	12:10 PM	48.7	4:49 AM	58.0	88.5	4:48 AM	27.4	9:14 AM	3.8	12.4	1:56 PM	227.00	0.00	9.04	35	0.14
June 8, 2009	Monday	60.4	70.1	1:20 PM	51.3	4:59 AM	74.4	98.4	11:03 PM	50.4	9:33 AM	3.7	14.9	2:53 PM	264.20	0.19	10.42	45	0.14
June 9, 2009	Tuesday	65.0	78.2	12:52 PM	53.0	12:00 AM	73.9	99.5	4:34 AM	48.2	1:13 PM	6.6	23.2	1:14 PM	256.10	0.21	15.05	60	0.14
June 10, 2009	Wednesday	57.6	69.1	2:18 PM	51.6	5:01 AM	76.2	98.0	9:23 PM	54.4	1:22 PM	4.2	12.1	3:15 PM	235.30	0.00	7.63	68	0.12
June 11, 2009	Thursday	63.5	73.4	11:38 AM	52.9	1:05 AM	82.4	99.4	11:30 PM	65.5	11:38 AM	5.1	19.2	10:47 AM	185.60	0.25	13.46	81	0.10
June 12, 2009	Friday	62.7	70.6	1:44 PM	53.4	11:54 PM	80.6	99.9	1:59 AM	61.4	4:06 PM	5.1	17.8	4:37 PM	199.00	0.39	12.73	94	0.11
June 13, 2009	Saturday	58.7	71.0	11:35 AM	49.4	4:45 AM	74.5	100.0	1:25 AM	49.0	10:18 AM	3.7	16.7	2:47 PM	193.80	0.07	8.71	103	0.11
June 14, 2009	Sunday	60.1	71.5	3:11 PM	49.2	11:56 PM	68.2	100.0	12:00 AM	36.5	3:17 PM	3.8	12.8	5:37 PM	312.80	0.00	10.08	113	0.17
June 15, 2009	Monday	56.0	69.4	2:52 PM	44.4	3:31 AM	71.1	100.0	2:00 AM	42.3	2:44 PM	5.0	20.3	2:57 PM	226.80	0.02	5.96	119	0.12
June 16, 2009	Tuesday	57.7	72.0	5:11 PM	42.2	4:36 AM	71.6	100.0	12:38 AM	43.1	4:40 PM	4.3	12.4	1:46 PM	293.00	0.00	7.72	127	0.15
June 17, 2009	Wednesday	58.7	68.4	12:54 PM	47.9	11:59 PM	74.7	97.3	11:50 PM	52.1	12:44 PM	9.2	22.1	12:36 PM	224.30	0.45	8.69	135	0.13
June 18, 2009	Thursday	55.9	60.8	1:58 PM	47.2	12:40 AM	95.0	100.0	4:29 AM	90.0	1:33 PM	6.8	21.4	9:29 AM	70.30	0.82	5.92	141	0.03
June 19, 2009	Friday	58.0	62.7	1:05 PM	49.2	11:59 PM	88.4	100.0	11:49 PM	76.7	4:39 PM	5.5	18.9	9:33 AM	136.80	0.01	7.96	149	0.07
June 20, 2009	Saturday	56.5	62.3	12:23 PM	46.8	4:14 AM	93.7	100.0	7:59 AM	87.3	10:14 AM	3.7	11.7	9:22 AM	72.80	0.40	6.46	156	0.03
June 21, 2009	Sunday	62.6	69.5	3:46 PM	56.7	12:28 AM	88.6	100.0	5:44 AM	77.1	3:52 PM	7.1	20.3	3:08 PM	161.70	0.00	12.56	168	0.08
June 22, 2009	Monday	64.6	74.0	2:48 PM	57.8	11:40 AM	74.0	99.7	1:44 AM	48.3	2:46 PM	8.5	24.2	1:41 PM	267.90	0.00	14.63	183	0.15
June 23, 2009	Tuesday	64.0	74.8	4:16 PM	51.2	4:13 AM	74.6	99.8	4:27 AM	49.5	2:57 PM	6.4	18.9	11:34 AM	310.80	0.00	14.00	197	0.17
June 24, 2009	Wednesday	68.3	78.7	1:06 PM	54.8	3:53 AM	66.4	93.6	3:54 AM	39.2	1:05 PM	6.2	21.7	12:47 PM	319.30	0.00	18.27	215	0.20
June 25, 2009	Thursday	66.3	83.0	2:22 PM	54.8	3:18 AM	73.4	100.0	10:21 PM	46.7	1:44 PM	5.0	28.5	4:37 PM	288.30	0.93	16.29	231	0.18
June 26, 2009	Friday	63.8	74.8	2:21 PM	57.4	11:32 PM	77.0	100.0	1:57 AM	54.1	1:56 PM	3.8	18.5	3:00 PM	157.90	0.14	13.82	245	0.09
June 27, 2009	Saturday	60.9	66.5	4:37 PM	54.9	1:51 AM	87.0	100.0	1:58 AM	73.9	2:50 PM	5.9	19.2	3:29 PM	126.40	0.00	10.87	256	0.06
June 28, 2009	Sunday	64.2	76.4	12:40 PM	53.6	5:05 AM	74.9	100.0	4:53 AM	49.9	12:40 PM	3.2	22.8	5:36 PM	246.30	0.10	14.18	270	0.14
June 29, 2009	Monday	63.2	71.9	12:55 PM	57.6	2:52 AM	74.9	100.0	3:37 AM	49.8	3:08 PM	5.3	18.2	11:50 AM	235.00	0.00	13.16	283	0.13
June 30, 2009	Tuesday	61.2	70.6	10:16 AM	56.2	11:20 PM	79.7	100.0	11:38 PM	59.5	10:16 AM	5.0	16.4	3:15 PM	162.00	0.06	11.16	295	0.08
Average (if applicable)		59.8					75.1					5.2	18.0		224.02	0.13	9.82		0.12
Minimum (if applicable)		49.8	60.8	1:58 PM	29.5	3:30 AM	58.0	88.5	4:48 AM	27.4	9:14 AM	3.2	11.7	9:22 AM	70.30				
Date When Minimum Occurred		1-Jun	18-Jun		1-Jun		7-Jun	7-Jun		7-Jun		28-Jun	20-Jun		18-Jun				
Maximum (if applicable)		68.3	83.0	2:22 PM	57.8	11:40 PM	95.0	100.0	3:37 AM	90.0	1:33 PM	9.2	28.5	4:37 PM	335.70	0.93	18.27		0.20
Date When Maximum Occurred		24-Jun	25-Jun		22-Jun		18-Jun	1-Jun		18-Jun		17-Jun	25-Jun		4-Jun	25-Jun	24-Jun		24-Jun
Total (if applicable)																4.04	294.5		3.64