

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 October 2008

11/3/2008 15:30

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)
October 1, 2008	Wednesday	52.0	61.7	12:10 PM	44.4	10:10 PM	75.0	96.7	4:37 AM	53.3	12:11 PM	3.4	18.2	1:25 PM	112.40	0.03	1.96	2	0.05
October 2, 2008	Thursday	44.7	50.5	3:29 PM	41.5	7:39 PM	78.7	95.5	12:00 AM	61.9	3:36 PM	7.1	32.8	12:19 PM	91.50	0.17	0.00	2	0.03
October 3, 2008	Friday	44.5	50.2	3:38 PM	37.9	6:54 PM	71.3	92.9	3:07 AM	49.7	11:30 AM	7.6	24.2	9:52 AM	128.70	0.02	0.00	2	0.05
October 4, 2008	Saturday	44.4	52.5	3:57 PM	35.2	10:31 PM	77.4	95.9	11:58 PM	59.0	3:47 PM	4.4	16.4	9:02 AM	86.80	0.00	0.00	2	0.04
October 5, 2008	Sunday	42.5	52.5	10:29 AM	34.8	2:51 AM	76.6	97.2	8:08 AM	56.0	3:05 PM	3.1	17.1	2:08 PM	119.40	0.00	0.00	2	0.05
October 6, 2008	Monday	42.2	50.1	1:34 PM	31.8	11:41 PM	71.5	96.2	5:59 AM	46.7	1:52 PM	4.3	19.2	1:50 PM	113.20	0.03	0.00	2	0.05
October 7, 2008	Tuesday	40.4	55.4	3:08 PM	28.6	6:17 AM	62.5	94.3	5:34 AM	30.8	3:10 PM	3.5	14.2	10:18 AM	187.10	0.00	0.00	2	0.08
October 8, 2008	Wednesday	47.9	65.8	1:32 PM	28.7	5:51 AM	70.7	96.4	5:59 AM	45.0	2:17 PM	7.0	24.2	11:52 AM	147.90	0.05	0.00	2	0.08
October 9, 2008	Thursday	58.3	68.2	3:21 PM	50.9	11:59 PM	65.2	92.5	2:28 AM	38.0	3:42 PM	6.1	23.9	10:06 AM	178.70	0.01	8.28	10	0.10
October 10, 2008	Friday	50.1	62.5	2:38 PM	37.6	11:38 PM	62.5	93.5	6:40 AM	31.5	1:07 PM	5.0	17.8	11:55 AM	179.30	0.00	0.05	10	0.10
October 11, 2008	Saturday	48.6	64.0	1:51 PM	34.8	6:16 AM	64.2	95.2	6:59 AM	33.2	2:22 PM	4.1	14.2	11:08 AM	173.60	0.00	0.00	10	0.09
October 12, 2008	Sunday	52.6	74.1	1:59 PM	35.6	6:33 AM	61.5	95.2	6:00 AM	27.7	12:53 PM	3.5	9.9	9:55 AM	174.00	0.00	2.65	13	0.09
October 13, 2008	Monday	57.5	71.5	2:21 PM	46.3	2:59 AM	67.8	92.5	11:56 PM	43.1	1:54 PM	2.2	11.7	9:33 AM	98.50	0.00	7.45	20	0.06
October 14, 2008	Tuesday	56.6	74.2	12:55 PM	42.9	11:55 PM	66.6	95.9	6:28 AM	37.3	10:29 AM	4.9	22.8	3:04 PM	100.20	0.00	6.61	27	0.07
October 15, 2008	Wednesday	50.3	64.2	3:24 PM	35.1	6:50 AM	65.4	96.7	8:55 AM	34.2	3:44 PM	2.7	11.7	9:49 AM	154.30	0.00	0.32	27	0.07
October 16, 2008	Thursday	52.3	60.1	8:01 AM	43.7	11:58 PM	77.7	96.0	7:59 AM	59.5	12:00 AM	6.7	22.8	9:55 AM	37.46	0.43	2.27	30	0.02
October 17, 2008	Friday	40.6	46.5	3:07 PM	30.5	11:20 PM	70.5	88.7	6:15 AM	52.4	1:41 PM	5.6	19.6	12:04 PM	138.10	0.00	0.00	30	0.05
October 18, 2008	Saturday	36.2	46.8	3:29 PM	25.7	6:17 AM	65.5	92.1	6:23 AM	38.9	4:17 PM	3.5	17.5	12:34 PM	159.20	0.00	0.00	30	0.06
October 19, 2008	Sunday	34.6	50.7	3:08 PM	23.3	6:07 AM	60.9	93.2	6:31 AM	28.6	2:03 PM	2.6	14.2	9:28 AM	168.30	0.00	0.00	30	0.06
October 20, 2008	Monday	39.1	55.5	2:43 PM	22.5	5:42 AM	59.5	93.9	6:21 AM	25.0	11:40 AM	1.7	11.0	11:38 AM	108.10	0.00	0.00	30	0.05
October 21, 2008	Tuesday	39.9	49.6	11:44 AM	33.4	6:55 PM	72.7	92.7	7:07 AM	52.7	1:37 AM	9.3	31.8	4:50 PM	60.56	0.28	0.00	30	0.03
October 22, 2008	Wednesday	33.5	35.6	2:14 PM	28.7	11:40 PM	83.0	92.7	11:51 PM	73.2	12:54 PM	8.4	23.2	1:37 AM	42.23	0.00	0.00	30	0.02
October 23, 2008	Thursday	34.7	49.6	2:10 PM	26.5	11:59 PM	67.1	94.6	4:33 AM	39.5	3:38 PM	1.9	8.5	10:17 AM	146.10	0.00	0.00	30	0.05
October 24, 2008	Friday	39.6	53.5	12:28 PM	22.4	5:55 AM	61.7	95.2	5:36 AM	28.2	12:16 PM	6.8	22.5	12:16 PM	120.00	0.00	0.00	30	0.07
October 25, 2008	Saturday	48.6	55.8	4:10 PM	42.0	11:59 PM	83.5	95.2	4:20 PM	71.7	12:07 AM	9.1	28.2	11:03 AM	19.87	1.04	0.00	30	0.01
October 26, 2008	Sunday	46.7	56.2	2:59 PM	38.6	6:52 AM	67.8	88.6	1:10 AM	47.1	2:48 PM	7.1	26.8	3:22 PM	134.80	0.01	0.00	30	0.06
October 27, 2008	Monday	44.0	47.9	12:12 PM	37.6	11:25 PM	61.7	92.3	7:48 AM	31.2	1:14 PM	4.3	16.0	11:11 PM	78.50	0.06	0.00	30	0.04
October 28, 2008	Tuesday	32.6	37.7	12:17 AM	29.9	10:49 PM	91.9	95.4	4:58 PM	88.4	11:49 PM	8.5	30.0	12:11 PM	11.29	0.31	0.00	30	0.00
October 29, 2008	Wednesday	29.2	32.0	10:11 AM	27.8	7:17 PM	84.0	90.9	8:19 PM	77.0	11:42 AM	3.8	18.9	1:09 PM	78.10	0.00	0.00	30	0.02
October 30, 2008	Thursday	30.0	37.4	3:09 PM	24.4	11:19 PM	78.8	95.8	10:25 PM	61.7	3:00 PM	3.8	18.2	12:14 PM	125.10	0.16	0.00	30	0.03
October 31, 2008	Friday	41.6	59.3	3:08 PM	22.4	3:00 AM	67.6	95.9	12:39 AM	39.3	3:05 PM	3.2	14.6	10:33 AM	140.60	0.09	0.00	30	0.06
Average (if applicable)		43.7	50.9	10:11 AM	22.4	5:55 AM	70.7	92.5	1:10 AM	25.0	11:40 AM	5.0	16.5	10:17 AM	116.58	0.09	0.95		0.05
Minimum (if applicable)		29.2	32.0	10:11 AM	22.4	5:55 AM	59.5	88.6	1:10 AM	25.0	11:40 AM	1.7	8.5	10:17 AM	11.29				
Date When Minimum Occurred		29-Oct	29-Oct		24-Oct		20-Oct	26-Oct		20-Oct		20-Oct	23-Oct		28-Oct				
Maximum (if applicable)		58.3	74.2	12:55 PM	50.9	11:59 PM	91.9	97.2	8:08 AM	88.4	11:49 PM	9.3	32.8	12:19 PM	187.10	1.04	8.28		0.10
Date When Maximum Occurred		9-Oct	14-Oct		9-Oct		28-Oct	5-Oct		28-Oct		21-Oct	2-Oct		7-Oct	25-Oct	9-Oct		9-Oct
Total (if applicable)																2.69	29.6		1.62