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 2005

7/9/2005 14:26

Date	Day of Week	$T_{avg.}$ (ºF)	$T_{max.}$ (ºF)	Time of $T_{max.}$	$T_{min.}$ (ºF)	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=50ºF)	Cum. GDD	ET_0 (in)
June 1, 2005	Wednesday	61.1	77.6	4:35 PM	42.6	4:47 AM	62.9	97.5	5:05 AM	28.3	5:02 PM	3.8	15.7	10:43 AM	327.00	0.00	11.14	11	0.19
June 2, 2005	Thursday	65.6	79.0	2:57 PM	51.7	4:54 AM	65.4	97.5	5:05 AM	33.3	3:11 PM	4.2	13.5	10:46 AM	275.80	0.00	15.59	27	0.17
June 3, 2005	Friday	64.1	75.0	1:10 PM	52.2	5:08 AM	61.6	90.6	5:16 AM	32.5	2:13 PM	4.7	14.6	8:35 AM	256.00	0.00	14.09	41	0.17
June 4, 2005	Saturday	65.0	77.5	3:43 PM	53.5	5:09 AM	68.1	96.2	11:59 PM	39.9	12:51 PM	4.2	13.9	3:13 PM	298.40	0.00	14.96	56	0.18
June 5, 2005	Sunday	67.9	81.1	4:51 PM	54.3	3:14 AM	73.3	97.9	5:35 AM	48.8	4:52 PM	3.4	14.2	10:50 AM	266.90	0.00	17.95	74	0.16
June 6, 2005	Monday	70.6	84.6	11:39 AM	63.2	1:48 PM	67.4	93.4	3:46 AM	41.3	10:23 AM	7.4	38.6	12:54 PM	205.50	0.13	20.57	94	0.14
June 7, 2005	Tuesday	70.0	80.9	2:45 PM	58.5	11:42 PM	57.0	90.9	4:30 AM	23.1	3:27 PM	7.7	25.7	3:00 PM	314.80	0.00	20.02	114	0.22
June 8, 2005	Wednesday	72.2	88.1	2:43 PM	53.9	4:47 AM	58.5	90.7	2:20 AM	26.2	2:43 PM	5.7	22.8	12:14 PM	310.60	0.00	22.18	136	0.22
June 9, 2005	Thursday	74.8	88.2	2:30 PM	60.0	4:15 AM	65.3	97.3	4:52 AM	33.3	11:13 AM	5.5	22.5	5:55 PM	294.90	0.00	24.77	161	0.21
June 10, 2005	Friday	71.7	84.4	11:32 AM	64.6	4:34 AM	76.5	96.1	10:54 PM	56.8	11:34 AM	4.9	19.6	1:40 PM	184.60	0.03	21.71	183	0.12
June 11, 2005	Saturday	73.5	85.7	11:29 AM	62.2	4:35 AM	77.1	98.6	5:12 AM	55.6	11:42 AM	3.6	12.8	6:00 PM	233.30	0.00	23.53	206	0.15
June 12, 2005	Sunday	73.6	85.3	12:30 PM	67.4	11:45 PM	76.0	97.4	11:55 PM	54.5	12:22 PM	2.9	12.8	12:58 PM	159.10	0.01	23.56	230	0.10
June 13, 2005	Monday	75.6	87.6	1:59 PM	65.5	10:10 PM	71.8	97.6	12:11 AM	45.9	4:42 PM	4.3	29.6	7:52 PM	233.50	0.41	25.58	256	0.16
June 14, 2005	Tuesday	70.1	77.9	3:19 PM	64.0	11:06 PM	78.7	97.5	4:04 AM	59.8	5:20 PM	6.4	24.2	9:23 AM	133.90	0.06	20.11	276	0.08
June 15, 2005	Wednesday	67.9	74.9	11:20 AM	61.2	11:56 PM	73.9	97.5	12:07 AM	50.2	11:14 AM	6.9	24.2	9:39 AM	222.30	0.00	17.91	294	0.13
June 16, 2005	Thursday	58.1	61.8	5:53 AM	52.2	11:59 PM	88.5	95.0	7:30 AM	82.0	12:58 PM	6.2	18.2	10:30 PM	78.70	0.18	8.06	302	0.04
June 17, 2005	Friday	54.6	59.7	12:46 PM	51.9	12:44 AM	84.6	95.9	9:14 PM	73.3	1:25 PM	7.7	23.5	1:25 PM	131.70	0.28	4.59	306	0.06
June 18, 2005	Saturday	54.4	59.1	12:19 PM	49.9	5:08 AM	85.7	100.0	2:26 AM	71.4	12:12 PM	7.2	19.6	4:25 AM	125.80	0.03	4.39	311	0.06
June 19, 2005	Sunday	57.0	66.9	4:22 PM	48.1	11:59 PM	75.7	96.8	11:58 PM	54.6	4:23 PM	3.7	11.4	12:01 PM	181.80	0.00	6.97	318	0.10
June 20, 2005	Monday	60.7	76.3	2:31 PM	44.2	4:56 AM	68.0	97.7	4:40 AM	38.3	2:59 PM	3.6	11.7	3:41 PM	293.80	0.00	10.69	328	0.16
June 21, 2005	Tuesday	64.7	76.1	1:29 PM	48.7	4:35 AM	68.6	97.8	5:07 AM	39.5	3:22 PM	5.5	22.5	4:02 PM	322.70	0.00	14.71	343	0.19
June 22, 2005	Wednesday	62.1	69.8	1:51 PM	46.3	11:59 PM	69.9	96.0	3:57 AM	43.9	5:01 PM	7.0	25.0	3:48 PM	257.30	0.08	12.13	355	0.14
June 23, 2005	Thursday	58.7	73.2	2:13 PM	41.8	4:35 AM	60.4	95.9	2:34 AM	24.9	3:22 PM	4.1	13.5	3:13 PM	330.70	0.00	8.66	364	0.19
June 24, 2005	Friday	68.4	83.8	3:21 PM	46.9	4:50 AM	61.6	96.9	2:37 AM	26.2	4:52 PM	5.9	18.2	1:17 PM	323.90	0.00	18.43	382	0.23
June 25, 2005	Saturday	75.7	88.7	1:56 PM	58.3	4:57 AM	64.3	90.2	11:59 PM	38.4	1:58 PM	5.2	17.8	1:08 PM	303.50	0.00	25.65	408	0.22
June 26, 2005	Sunday	74.8	88.4	2:57 PM	61.9	11:57 PM	56.2	94.4	1:59 AM	17.9	10:48 AM	4.3	14.6	11:04 AM	329.00	0.00	24.77	433	0.24
June 27, 2005	Monday	73.6	87.2	10:55 AM	58.6	4:46 AM	67.7	96.1	4:10 AM	39.2	10:48 AM	4.5	14.2	11:40 AM	252.80	0.00	23.62	456	0.17
June 28, 2005	Tuesday	76.2	88.1	2:33 PM	65.2	5:00 AM	66.8	95.9	5:17 AM	37.7	12:25 PM	4.6	13.5	7:47 AM	271.60	0.00	26.17	482	0.18
June 29, 2005	Wednesday	71.4	82.1	1:42 PM	64.1	11:58 PM	76.6	96.2	11:56 PM	56.9	1:49 PM	4.9	28.5	1:20 AM	163.90	0.01	21.37	504	0.11
June 30, 2005	Thursday	72.4	83.0	3:46 PM	63.9	1:42 AM	71.8	97.1	4:51 AM	46.6	2:02 PM	3.3	14.6	11:45 AM	255.20	0.00	22.36	526	0.16
Average (if applicable)		**67.5**					**70.0**					**5.1**			**244.63**	**0.04**	**17.54**		**0.15**
Minimum (if applicable)		**54.4**	**59.1**	**12:19 PM**	**41.8**	**4:35 AM**	**56.2**	**90.2**	**11:59 PM**	**17.9**	**10:48 AM**	**2.9**	**11.4**	**12:01 PM**	**78.70**				
Date When Minimum Occurred		18-Jun	18-Jun		23-Jun		26-Jun	25-Jun		26-Jun		12-Jun	19-Jun		16-Jun				
Maximum (if applicable)		**76.2**	**88.7**	**1:56 PM**	**67.4**	**11:45 PM**	**88.5**	**100.0**	**2:26 AM**	**82.0**	**12:58 PM**	**7.7**	**38.6**	**12:54 PM**	**330.70**	**0.41**	**26.17**		**0.24**
Date When Minimum Occurred		28-Jun	25-Jun		12-Jun		16-Jun	18-Jun		16-Jun		17-Jun	6-Jun		23-Jun	13-Jun	28-Jun		26-Jun
Total (if applicable)																**1.22**	**526.2**		**4.62**