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 November 2003

1/3/2005 17:07

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)
November 1, 2003	Saturday	53.7	61.7	5:08 AM	45.2	11:41 PM	75.2	88.3	9:28 AM	62.1	12:03 AM	6.4	17.5	9:29 AM	24.19	0.00	3.73	4	0.02
November 2, 2003	Sunday	47.8	56.1	11:49 PM	42.1	6:51 AM	85.6	98.3	10:30 PM	72.8	12:16 AM	4.2	13.2	5:08 PM	26.62	0.26	0.00	4	0.01
November 3, 2003	Monday	51.5	57.0	5:13 AM	45.7	10:55 PM	97.2	99.9	11:53 PM	94.5	11:43 AM	4.0	18.2	12:17 AM	15.65	0.11	1.49	5	0.01
November 4, 2003	Tuesday	48.0	57.0	3:39 PM	41.0	4:45 AM	87.7	100.0	6:51 AM	75.3	3:16 PM	8.0	27.5	11:45 PM	48.28	0.00	0.00	5	0.02
November 5, 2003	Wednesday	53.6	60.7	7:00 PM	43.8	11:55 PM	92.6	96.6	9:47 AM	88.5	7:10 PM	11.2	27.8	12:18 AM	21.93	0.02	3.64	9	0.01
November 6, 2003	Thursday	40.6	44.0	12:00 AM	38.0	11:57 PM	82.9	91.3	12:01 AM	74.4	2:32 PM	5.1	17.8	12:57 AM	36.99	0.00	0.00	9	0.02
November 7, 2003	Friday	39.1	45.9	1:53 PM	32.2	6:52 AM	63.3	92.1	6:56 AM	34.4	3:55 PM	7.4	26.4	8:26 PM	111.10	0.00	0.00	9	0.05
November 8, 2003	Saturday	26.1	33.2	12:01 AM	21.5	10:42 PM	59.0	90.4	2:49 AM	27.6	9:51 AM	10.3	33.6	8:47 AM	126.20	0.00	0.00	9	0.04
November 9, 2003	Sunday	24.0	31.5	2:31 PM	17.0	11:53 PM	72.4	94.7	11:59 PM	50.2	2:32 PM	4.2	13.9	9:46 AM	74.30	0.00	0.00	9	0.02
November 10, 2003	Monday	26.7	43.0	1:41 PM	13.6	6:51 AM	61.5	96.4	2:37 AM	26.5	2:27 PM	3.0	12.1	1:48 PM	118.80	0.00	0.00	9	0.04
November 11, 2003	Tuesday	34.3	42.5	11:59 PM	24.4	12:50 AM	77.0	97.6	10:15 PM	56.4	9:03 AM	8.7	24.6	12:13 PM	10.44	0.08	0.00	9	0.01
November 12, 2003	Wednesday	48.3	55.1	1:52 PM	42.2	12:03 AM	88.6	99.7	8:15 AM	77.4	1:53 PM	6.2	27.1	11:53 PM	56.71	0.09	0.00	9	0.02
November 13, 2003	Thursday	34.9	52.7	12:00 AM	24.7	11:10 PM	75.7	97.6	4:54 PM	53.7	6:14 AM	17.6	50.0	10:54 AM	33.07	0.24	0.00	9	0.02
November 14, 2003	Friday	26.0	30.2	7:46 PM	21.8	6:58 AM	77.8	98.2	8:32 PM	57.4	9:09 AM	14.4	43.2	2:18 AM	61.11	0.00	0.00	9	0.02
November 15, 2003	Saturday	24.1	30.8	2:50 PM	16.9	8:18 PM	71.5	93.1	8:28 PM	49.9	1:16 PM	6.7	19.6	1:41 PM	116.70	0.09	0.00	9	0.03
November 16, 2003	Sunday	30.5	35.2	3:13 PM	23.0	1:06 AM	92.7	99.4	11:52 PM	86.0	2:35 AM	1.8	9.9	10:34 PM	33.03	0.05	0.00	9	0.01
November 17, 2003	Monday	35.2	39.2	2:26 PM	30.6	12:24 AM	94.5	99.8	11:59 PM	89.1	6:51 AM	2.3	9.2	7:24 AM	18.66	0.04	0.00	9	0.01
November 18, 2003	Tuesday	41.7	47.9	11:59 PM	33.9	12:29 AM	91.2	100.0	3:52 AM	82.3	1:40 PM	12.0	37.1	10:04 PM	51.02	0.01	0.00	9	0.02
November 19, 2003	Wednesday	51.6	63.3	2:25 PM	41.4	11:51 PM	84.5	98.5	5:38 PM	70.5	2:22 PM	13.6	46.1	2:32 PM	21.56	0.73	1.62	10	0.02
November 20, 2003	Thursday	37.4	42.3	1:41 AM	27.7	11:43 PM	81.1	99.0	11:59 PM	63.3	12:10 PM	9.4	25.3	5:11 AM	30.82	0.06	0.00	10	0.02
November 21, 2003	Friday	38.3	53.3	12:48 PM	26.0	2:35 AM	81.5	100.0	3:44 AM	62.9	11:02 AM	4.7	23.9	11:40 AM	101.80	0.00	0.00	10	0.04
November 22, 2003	Saturday	38.5	55.2	2:33 PM	25.9	8:08 AM	75.7	99.8	7:14 AM	51.5	2:25 PM	3.6	11.4	11:04 AM	100.30	0.00	0.00	10	0.03
November 23, 2003	Sunday	46.0	60.2	1:18 PM	34.4	1:31 AM	74.0	97.4	1:38 AM	50.5	1:26 PM	7.6	23.5	11:35 PM	79.60	0.00	0.00	10	0.04
November 24, 2003	Monday	44.4	57.1	2:42 PM	28.6	11:22 PM	77.9	98.6	11:40 PM	57.2	2:14 PM	11.6	36.1	10:40 AM	97.30	0.12	0.00	10	0.05
November 25, 2003	Tuesday	27.0	30.9	12:59 PM	23.7	10:23 PM	83.2	98.0	10:36 PM	68.4	12:32 PM	2.6	20.3	11:37 AM	63.38	0.01	0.00	10	0.01
November 26, 2003	Wednesday	31.2	38.2	1:40 PM	24.5	5:45 AM	77.9	94.6	2:04 AM	61.3	1:20 PM	5.4	19.6	8:13 AM	57.22	0.09	0.00	10	0.02
November 27, 2003	Thursday	38.6	47.0	1:00 PM	27.3	7:06 AM	71.4	97.6	7:40 AM	45.2	3:10 PM	6.4	22.8	7:10 PM	64.81	0.00	0.00	10	0.03
November 28, 2003	Friday	44.9	53.3	6:10 PM	36.8	11:58 PM	85.2	98.5	11:46 AM	71.8	12:00 AM	8.7	27.8	12:21 PM	10.60	0.40	0.00	10	0.00
November 29, 2003	Saturday	30.0	37.3	12:19 AM	26.4	11:00 AM	80.8	96.6	12:37 PM	65.1	5:57 PM	14.2	39.3	7:42 AM	34.47	0.01	0.00	10	0.01
November 30, 2003	Sunday	32.6	38.8	3:27 PM	27.5	7:32 PM	78.2	92.9	6:56 PM	63.6	3:57 PM	8.1	22.5	5:27 AM	24.74	0.00	0.00	10	0.02
Average (if applicable)		**38.2**					**79.9**					**7.6**			**55.71**	**0.08**	**0.35**		**0.02**
Minimum (if applicable)		**24.0**	**30.2**	**7:46 PM**	**13.6**	**6:51 AM**	**59.0**	**88.3**	**9:28 AM**	**26.5**	**2:27 PM**	**1.8**	**9.2**	**7:24 AM**	**10.44**				
Date When Minimum Occurred		9-Nov	14-Nov		10-Nov		8-Nov	1-Nov		10-Nov		16-Nov	17-Nov		11-Nov				
Maximum (if applicable)		**53.7**	**63.3**	**2:25 PM**	**45.7**	**10:55 PM**	**97.2**	**100.0**	**6:51 AM**	**94.5**	**11:43 AM**	**17.6**	**50.0**	**10:54 AM**	**126.20**	**0.73**	**3.73**		**0.05**
Date When Minimum Occurred		1-Nov	19-Nov		3-Nov		3-Nov	4-Nov		3-Nov		13-Nov	13-Nov		8-Nov	19-Nov	1-Nov		7-Nov
Total (if applicable)																**2.41**	**10.5**		**0.62**