Morrisville State College - School of Agriculture, Sustainability, Business, and Entrepreneurship
Weather Data from the Fully-automated Weather Station at the Free-stall Dairy Complex
Daily Summaries for the Month of January 2015

2/5/2015 11:22

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)
January 1, 2015	Thursday	21.9	29.0	9:46 PM	15.5	2:53 AM	56.7	79.8	6:20 AM	33.6	3:45 PM	8.1	30.3	11:57 PM	75.20	0.00	0.00	0	0.02
January 2, 2015	Friday	24.1	28.7	12:00 AM	15.8	11:49 PM	70.5	90.1	11:58 PM	50.9	12:00 AM	7.8	26.0	12:21 PM	38.52	0.00	0.00	0	0.01
January 3, 2015	Saturday	23.0	34.3	11:57 PM	12.0	4:12 AM	80.1	92.8	11:59 PM	67.4	12:10 PM	7.1	32.8	4:58 PM	17.90	0.55	0.00	0	0.01
January 4, 2015	Sunday	40.9	48.6	1:32 PM	32.1	11:58 PM	80.6	95.0	6:59 AM	66.2	10:49 PM	9.7	33.2	8:35 PM	18.48	0.20	0.00	0	0.01
January 5, 2015	Monday	15.6	32.3	12:00 AM	6.2	11:20 PM	60.2	85.8	2:34 AM	34.6	12:58 PM	13.8	47.5	5:47 AM	74.90	0.00	0.00	0	0.02
January 6, 2015	Tuesday	9.8	13.9	1:29 PM	6.1	12:06 AM	66.4	79.1	7:37 PM	53.7	12:52 AM	7.3	20.0	1:33 AM	45.97	0.00	0.00	0	0.01
January 7, 2015	Wednesday	3.8	11.7	8:04 AM	-8.9	11:59 PM	65.0	82.5	8:55 AM	47.4	10:44 AM	10.5	30.3	7:35 AM	40.31	0.00	0.00	0	0.01
January 8, 2015	Thursday	2.7	13.3	3:13 PM	-12.9	6:30 AM	64.2	81.8	7:39 AM	46.6	9:59 PM	8.4	27.1	9:59 AM	84.00	0.00	0.00	0	0.01
January 9, 2015	Friday	13.9	19.2	1:46 PM	8.6	11:59 PM	63.8	83.4	8:49 PM	44.3	2:32 PM	10.0	35.0	1:47 PM	64.30	0.00	0.00	0	0.01
January 10, 2015	Saturday	6.8	12.3	3:49 PM	1.8	7:42 AM	65.9	81.7	1:41 AM	50.1	4:08 PM	6.5	22.5	12:19 PM	95.70	0.00	0.00	0	0.01
January 11, 2015	Sunday	17.0	28.9	11:44 PM	0.9	12:19 AM	52.0	68.0	5:13 AM	36.1	2:28 PM	6.7	21.0	11:02 AM	38.72	0.00	0.00	0	0.02
January 12, 2015	Monday	26.6	30.8	1:29 PM	14.3	11:59 PM	71.0	91.6	3:13 AM	50.4	12:00 AM	7.5	22.8	8:47 PM	23.13	0.00	0.00	0	0.01
January 13, 2015	Tuesday	-1.8	14.6	12:00 AM	-13.2	11:32 PM	66.9	82.6	12:27 AM	51.3	3:43 PM	5.1	20.3	12:31 AM	103.80	0.00	0.00	0	0.02
January 14, 2015	Wednesday	1.8	24.2	1:46 PM	-18.4	6:25 AM	72.9	89.3	9:26 PM	56.5	1:06 PM	3.5	21.4	1:26 PM	90.70	0.00	0.00	0	0.01
January 15, 2015	Thursday	12.3	24.1	3:11 PM	-3.8	3:32 AM	61.9	87.3	5:35 AM	36.5	2:06 PM	4.2	13.2	12:45 PM	96.80	0.00	0.00	0	0.02
January 16, 2015	Friday	17.2	26.5	7:51 AM	4.8	11:58 PM	67.5	86.0	8:46 AM	49.1	2:46 PM	10.2	31.4	2:05 PM	58.90	0.01	0.00	0	0.01
January 17, 2015	Saturday	8.4	22.3	7:47 PM	-11.1	5:31 AM	56.7	79.2	3:47 AM	34.3	2:38 PM	8.1	28.2	11:25 PM	99.90	0.00	0.00	0	0.02
January 18, 2015	Sunday	30.5	38.1	1:33 PM	20.7	12:01 AM	77.2	92.9	10:37 PM	61.4	12:00 AM	7.9	27.8	2:42 AM	39.57	0.02	0.00	0	0.01
January 19, 2015	Monday	26.9	31.8	12:02 AM	21.4	11:58 PM	78.9	87.8	3:42 AM	70.0	7:17 PM	9.7	25.0	10:44 AM	38.29	0.00	0.00	0	0.01
January 20, 2015	Tuesday	15.0	21.7	12:02 AM	-1.2	11:52 PM	74.7	86.8	9:07 PM	62.5	3:16 PM	5.6	17.5	10:38 AM	88.30	0.00	0.00	0	0.02
January 21, 2015	Wednesday	8.4	20.8	2:37 PM	-8.4	5:14 AM	67.2	83.9	12:03 AM	50.6	6:02 PM	2.5	10.7	11:32 PM	78.50	0.00	0.00	0	0.01
January 22, 2015	Thursday	18.7	23.6	2:50 PM	8.1	8:24 PM	72.3	89.8	4:19 AM	54.8	2:52 PM	5.1	19.2	12:01 PM	77.70	0.01	0.00	0	0.01
January 23, 2015	Friday	22.1	27.9	3:02 PM	18.2	7:11 AM	68.5	80.7	11:58 PM	56.3	3:04 PM	6.6	16.7	9:38 PM	83.80	0.00	0.00	0	0.02
January 24, 2015	Saturday	25.4	30.2	11:52 AM	22.4	2:02 AM	79.3	90.6	10:39 PM	67.9	11:53 AM	6.1	23.9	11:05 PM	70.40	0.00	0.00	0	0.02
January 25, 2015	Sunday	15.2	29.0	3:36 AM	-2.8	11:47 PM	72.4	89.6	1:21 AM	55.3	2:38 PM	8.6	29.6	4:11 AM	109.40	0.00	0.00	0	0.02
January 26, 2015	Monday	7.5	14.0	2:18 PM	-4.1	2:35 AM	74.7	85.4	5:55 PM	63.9	8:55 AM	4.8	13.2	12:41 PM	60.30	0.00	0.00	0	0.01
January 27, 2015	Tuesday	9.3	13.6	12:01 AM	5.4	7:36 PM	60.7	76.8	2:59 AM	44.6	9:10 PM	8.3	25.0	6:39 PM	83.50	0.00	0.00	0	0.02
January 28, 2015	Wednesday	8.4	19.8	3:11 PM	-2.0	10:48 PM	60.0	83.7	11:33 PM	36.3	3:01 PM	7.5	20.0	2:17 AM	128.00	0.00	0.00	0	0.02
January 29, 2015	Thursday	12.9	30.8	4:07 PM	-8.4	4:28 AM	55.9	88.0	8:51 PM	23.8	4:15 PM	8.2	35.0	5:48 PM	47.44	0.00	0.00	0	0.02
January 30, 2015	Friday	16.5	25.6	5:47 AM	0.5	11:54 PM	81.0	89.7	1:07 AM	72.2	12:27 PM	11.0	27.1	12:16 PM	64.74	0.00	0.00	0	0.01
January 31, 2015	Saturday	3.3	14.1	11:58 PM	-5.8	6:00 AM	72.8	82.5	10:31 PM	63.1	2:42 PM	6.9	21.7	10:24 AM	107.10	0.00	0.00	0	0.01
Average (if applicable)		**15.0**					**68.3**					**7.5**	**25.0**		**69.17**	**0.03**	**0.00**		**0.01**
Minimum (if applicable)		**-1.8**	**11.7**	**8:04 AM**	**-18.4**	**6:25 AM**	**52.0**	**68.0**	**5:13 AM**	**23.8**	**4:15 PM**	**2.5**	**10.7**	**11:32 PM**	**17.90**				
Date When Minimum Occurred		13-Jan	7-Jan		14-Jan		11-Jan	11-Jan		29-Jan		21-Jan	21-Jan		3-Jan				
Maximum (if applicable)		**40.9**	**48.6**	**1:32 PM**	**32.1**	**11:58 PM**	**81.0**	**95.0**	**6:59 AM**	**72.2**	**12:27 PM**	**13.8**	**47.5**	**5:47 AM**	**128.00**	**0.55**	**0.00**		**0.02**
Date When Minimum Occurred		4-Jan	4-Jan		4-Jan		30-Jan	4-Jan		30-Jan		5-Jan	5-Jan		28-Jan	3-Jan	1-Jan		28-Jan
Total (if applicable)																**0.79**	**0**		**0.45**