

MONTHLY WEATHER INFORMATION -- Manhattan, KS - JAN 2005

DAY	AIR TEMPERATURE		TOTAL PRECIP (in)	TOTAL SOLAR RAD (ly)	SOIL TEMPERATURES				AVERAGE RELATIVE HUMIDITY (%)	MEAN WIND SPEED (mph)	PEAK WIND GUST (mph)	ET GRASS (in)	ET Alfalfa (in)
	MAX (F)	MIN (F)			2 INCH MAX (F)	2 INCH MIN (F)	4 INCH MAX (F)	4 INCH MIN (F)					
JAN 1	63.5	38.1	0.00	49.4	0.0	0.0	0.0	0.0	77.8	8.03	0.00	0.05	0.06
JAN 2	37.7	25.4	0.39	38.5	0.0	0.0	0.0	0.0	89.7	7.77	0.00	0.02	0.02
JAN 3	30.8	24.5	0.00	32.2	0.0	0.0	0.0	0.0	99.8	6.51	0.00	0.01	0.01
JAN 4	27.2	18.1	0.28	12.4	0.0	0.0	0.0	0.0	98.6	6.87	0.00	0.01	0.01
JAN 5	18.4	4.4	0.10	45.0	0.0	0.0	0.0	0.0	94.7	7.28	0.00	0.01	0.01
JAN 6	16.3	-2.7	0.00	201.8	0.0	0.0	0.0	0.0	89.3	7.07	0.00	0.01	0.01
JAN 7	27.8	10.1	0.00	102.5	0.0	0.0	0.0	0.0	94.6	2.82	0.00	0.01	0.01
JAN 8	31.0	6.7	0.00	94.7	0.0	0.0	0.0	0.0	95.1	4.11	0.00	0.01	0.01
JAN 9	41.2	20.2	0.00	151.8	0.0	0.0	0.0	0.0	92.1	4.84	0.00	0.02	0.02
JAN 10	27.5	19.3	0.00	36.8	0.0	0.0	0.0	0.0	96.9	7.99	0.00	0.01	0.01
JAN 11	26.0	20.6	0.00	47.3	0.0	0.0	0.0	0.0	98.2	4.12	0.00	0.01	0.01
JAN 12	31.5	24.8	0.00	36.3	0.0	0.0	0.0	0.0	98.2	5.87	0.00	0.01	0.01
JAN 13	27.9	3.4	0.00	221.6	0.0	0.0	0.0	0.0	79.8	10.51	0.00	0.02	0.03
JAN 14	13.6	0.6	0.00	192.7	0.0	0.0	0.0	0.0	74.5	9.36	0.00	0.02	0.03
JAN 15	12.8	1.2	0.00	112.1	0.0	0.0	0.0	0.0	77.5	7.27	0.00	0.01	0.02
JAN 16	21.6	-1.6	0.00	233.7	0.0	0.0	0.0	0.0	69.3	2.61	0.00	0.02	0.02
JAN 17	27.6	14.9	0.00	170.1	0.0	0.0	0.0	0.0	68.4	4.00	0.00	0.02	0.03
JAN 18	38.4	14.3	0.00	194.6	0.0	0.0	0.0	0.0	76.7	6.69	0.00	0.03	0.04
JAN 19	50.9	28.9	0.00	207.2	0.0	0.0	0.0	0.0	86.5	3.34	0.00	0.03	0.03
JAN 20	63.6	31.1	0.00	223.4	0.0	0.0	0.0	0.0	81.2	3.87	0.00	0.04	0.05
JAN 21	37.4	29.8	0.00	46.2	0.0	0.0	0.0	0.0	97.6	5.70	0.00	0.01	0.01
JAN 22	34.6	11.6	0.00	244.2	0.0	0.0	0.0	0.0	70.8	15.57	0.00	0.04	0.08
JAN 23	32.8	10.9	0.00	204.1	0.0	0.0	0.0	0.0	71.8	5.17	0.00	0.03	0.04
JAN 24	59.6	25.1	0.00	237.5	0.0	0.0	0.0	0.0	66.9	2.73	0.00	0.04	0.05
JAN 25	54.7	28.3	0.00	156.1	0.0	0.0	0.0	0.0	85.7	2.10	0.00	0.03	0.03
JAN 26	41.0	29.4	0.00	119.1	0.0	0.0	0.0	0.0	86.1	7.32	0.00	0.03	0.04
JAN 27	34.2	27.3	0.00	60.2	0.0	0.0	0.0	0.0	83.1	6.64	0.00	0.02	0.03
JAN 28	33.7	27.2	0.10	82.3	0.0	0.0	0.0	0.0	82.7	5.25	0.00	0.02	0.03
JAN 29	33.6	27.8	0.00	113.6	0.0	0.0	0.0	0.0	91.3	3.83	0.00	0.02	0.02
JAN 30	36.9	30.6	0.00	59.2	0.0	0.0	0.0	0.0	94.6	2.67	0.00	0.02	0.01
JAN 31	39.2	31.9	0.00	80.5	0.0	0.0	0.0	0.0	96.4	1.17	0.00	0.02	0.01
SUM.	34.6	18.8	0.87	122.8	0.0	0.0	0.0	0.0	86.0	5.8	0.0	0.0	0.0

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - FEB 2005

DAY	AIR TEMPERATURE		TOTAL PRECIP (in)	TOTAL SOLAR RAD (ly)	SOIL TEMPERATURES				AVERAGE RELATIVE HUMIDITY (%)	MEAN WIND SPEED (mph)	PEAK WIND GUST (mph)	ET GRASS (in)	ET Alfalfa (in)
	MAX (F)	MIN (F)			2 INCH MAX (F)	2 INCH MIN (F)	4 INCH MAX (F)	4 INCH MIN (F)					
FEB 1	42.7	29.0	0.00	132.7	0.0	0.0	0.0	0.0	90.1	2.27	0.00	0.02	0.02
FEB 2	44.0	25.6	0.00	182.0	0.0	0.0	0.0	0.0	83.9	1.85	0.00	0.03	0.03
FEB 3	59.0	21.2	0.00	274.3	0.0	0.0	0.0	0.0	71.4	1.98	0.00	0.04	0.05
FEB 4	63.3	26.9	0.00	282.4	0.0	0.0	0.0	0.0	62.6	4.16	0.00	0.06	0.08
FEB 5	61.2	35.7	0.42	222.2	0.0	0.0	0.0	0.0	62.6	8.03	0.00	0.08	0.11
FEB 6	47.7	29.7	0.88	29.9	0.0	0.0	0.0	0.0	97.5	4.84	0.00	0.02	0.01
FEB 7	29.9	19.2	0.00	72.6	0.0	0.0	0.0	0.0	92.3	6.17	0.00	0.01	0.02
FEB 8	21.2	12.7	0.28	68.7	0.0	0.0	0.0	0.0	90.8	5.60	0.00	0.01	0.01
FEB 9	33.7	4.2	0.00	290.0	0.0	0.0	0.0	0.0	79.7	5.79	0.00	0.03	0.04
FEB 10	44.2	14.0	0.00	307.7	0.0	0.0	0.0	0.0	74.4	5.20	0.00	0.04	0.05
FEB 11	54.0	19.6	0.00	313.6	0.0	0.0	0.0	0.0	73.9	4.15	0.00	0.05	0.06
FEB 12	47.1	27.7	1.22	50.3	0.0	0.0	0.0	0.0	97.6	7.38	0.00	0.02	0.02
FEB 13	52.8	37.5	0.11	64.8	0.0	0.0	0.0	0.0	96.5	8.26	0.00	0.02	0.02
FEB 14	68.1	31.4	0.00	281.9	0.0	0.0	0.0	0.0	67.0	3.28	0.00	0.07	0.08
FEB 15	50.6	30.2	0.00	305.9	0.0	0.0	0.0	0.0	76.7	9.77	0.00	0.06	0.09
FEB 16	47.5	25.1	0.00	253.9	0.0	0.0	0.0	0.0	70.3	5.17	0.00	0.05	0.06
FEB 17	53.8	25.0	0.00	317.8	0.0	0.0	0.0	0.0	67.6	5.38	0.00	0.06	0.08
FEB 18	54.4	24.5	0.00	318.8	0.0	0.0	0.0	0.0	56.4	4.50	0.00	0.07	0.09
FEB 19	45.3	37.6	0.00	33.5	0.0	0.0	0.0	0.0	95.9	5.55	0.00	0.02	0.02
FEB 20	55.4	36.4	0.00	167.5	0.0	0.0	0.0	0.0	92.0	8.15	0.00	0.03	0.05
FEB 21	48.4	30.7	0.00	104.1	0.0	0.0	0.0	0.0	89.9	5.28	0.00	0.03	0.03
FEB 22	46.2	34.1	0.00	164.0	0.0	0.0	0.0	0.0	84.1	4.57	0.00	0.04	0.04
FEB 23	41.9	29.2	0.00	105.8	0.0	0.0	0.0	0.0	75.7	5.16	0.00	0.04	0.05
FEB 24	48.3	26.5	0.00	322.3	0.0	0.0	0.0	0.0	73.3	5.09	0.00	0.05	0.07
FEB 25	66.2	24.6	0.00	362.1	0.0	0.0	0.0	0.0	50.4	3.12	0.00	0.09	0.10
FEB 26	61.5	29.6	0.00	252.0	0.0	0.0	0.0	0.0	61.7	3.85	0.00	0.07	0.08
FEB 27	52.5	28.0	0.00	119.1	0.0	0.0	0.0	0.0	73.8	5.20	0.00	0.05	0.06
FEB 28	38.8	19.8	0.00	217.9	0.0	0.0	0.0	0.0	70.7	9.37	0.00	0.05	0.07
SUM.	49.3	26.3	2.91	200.6	0.0	0.0	0.0	0.0	77.8	5.3	0.0	0.0	0.1

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - MAR 2005

DAY	AIR TEMPERATURE		TOTAL PRECIP (in)	TOTAL SOLAR RAD (ly)	SOIL TEMPERATURES				AVERAGE RELATIVE HUMIDITY (%)	MEAN WIND SPEED (mph)	PEAK WIND GUST (mph)	ET GRASS (in)	ET Alfalfa (in)
	MAX (F)	MIN (F)			2 INCH MAX (F)	2 INCH MIN (F)	4 INCH MAX (F)	4 INCH MIN (F)					
MAR 1	45.3	15.3	0.00	342.7	0.0	0.0	0.0	0.0	52.6	4.70	0.00	0.06	0.08
MAR 2	59.6	21.6	0.00	336.4	0.0	0.0	0.0	0.0	50.6	3.89	0.00	0.08	0.10
MAR 3	66.1	25.3	0.00	307.2	0.0	0.0	0.0	0.0	55.1	3.77	0.00	0.09	0.10
MAR 4	75.5	25.5	0.00	357.5	0.0	0.0	0.0	0.0	49.1	5.41	0.00	0.12	0.14
MAR 5	62.5	27.5	0.00	390.0	0.0	0.0	0.0	0.0	52.9	2.85	0.00	0.09	0.10
MAR 6	73.0	31.8	0.00	344.6	0.0	0.0	0.0	0.0	54.3	8.38	0.00	0.13	0.17
MAR 7	55.6	26.3	0.00	245.5	0.0	0.0	0.0	0.0	58.1	11.37	0.00	0.09	0.14
MAR 8	51.6	22.8	0.00	196.9	0.0	0.0	0.0	0.0	65.4	3.68	0.00	0.05	0.06
MAR 9	44.5	29.7	0.00	258.7	0.0	0.0	0.0	0.0	71.2	5.44	0.00	0.05	0.07
MAR 10	64.3	34.3	0.00	322.6	0.0	0.0	0.0	0.0	46.1	13.47	0.00	0.15	0.24
MAR 11	66.8	27.2	0.00	378.6	0.0	0.0	0.0	0.0	39.3	10.68	0.00	0.16	0.22
MAR 12	76.0	32.1	0.00	413.7	0.0	0.0	0.0	0.0	43.7	8.94	0.00	0.17	0.22
MAR 13	49.6	26.1	0.00	326.3	0.0	0.0	0.0	0.0	50.8	7.80	0.00	0.09	0.13
MAR 14	51.6	20.3	0.00	380.4	0.0	0.0	0.0	0.0	49.6	3.81	0.00	0.08	0.10
MAR 15	50.1	24.5	0.00	287.4	0.0	0.0	0.0	0.0	49.8	3.33	0.00	0.07	0.09
MAR 16	57.5	21.5	0.00	387.9	0.0	0.0	0.0	0.0	47.0	4.45	0.00	0.10	0.12
MAR 17	62.3	27.2	0.00	428.1	0.0	0.0	0.0	0.0	42.0	9.63	0.00	0.14	0.20
MAR 18	57.7	32.1	0.00	376.5	0.0	0.0	0.0	0.0	54.1	11.96	0.00	0.12	0.19
MAR 19	51.4	24.6	0.00	424.1	0.0	0.0	0.0	0.0	52.7	7.40	0.00	0.10	0.14
MAR 20	60.6	26.7	0.00	366.8	0.0	0.0	0.0	0.0	50.0	8.34	0.00	0.12	0.16
MAR 21	50.2	39.9	0.66	57.4	0.0	0.0	0.0	0.0	79.2	14.74	0.00	0.05	0.09
MAR 22	41.0	33.4	0.00	43.5	0.0	0.0	0.0	0.0	94.0	13.66	0.00	0.02	0.03
MAR 23	46.4	32.9	0.00	238.5	0.0	0.0	0.0	0.0	78.8	5.92	0.00	0.05	0.07
MAR 24	44.1	38.2	0.00	67.8	0.0	0.0	0.0	0.0	95.7	6.18	0.00	0.02	0.02
MAR 25	40.3	36.7	0.00	59.7	0.0	0.0	0.0	0.0	95.2	8.48	0.00	0.02	0.02
MAR 26	44.9	31.3	0.00	108.2	0.0	0.0	0.0	0.0	87.5	5.89	0.00	0.03	0.04
MAR 27	58.6	26.3	0.00	469.9	0.0	0.0	0.0	0.0	67.0	2.72	0.00	0.09	0.10
MAR 28	71.6	28.7	0.00	445.3	0.0	0.0	0.0	0.0	53.9	6.05	0.00	0.14	0.16
MAR 29	77.0	56.3	0.00	339.8	0.0	0.0	0.0	0.0	55.9	11.73	0.00	0.18	0.27
MAR 30	61.9	37.9	0.00	138.8	0.0	0.0	0.0	0.0	81.2	11.66	0.00	0.06	0.09
MAR 31	57.0	30.7	0.00	224.5	0.0	0.0	0.0	0.0	69.5	4.30	0.00	0.07	0.08
SUM.	57.2	29.5	0.66	292.4	0.0	0.0	0.0	0.0	61.0	7.4	0.0	0.1	0.1

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - APR 2009

DAY	AIR TEMPERATURE		TOTAL PRECIP (in)	TOTAL SOLAR RAD (ly)	SOIL TEMPERATURES				AVERAGE RELATIVE HUMIDITY (%)	MEAN WIND SPEED (mph)	PEAK WIND GUST (mph)	ET GRASS (in)	ET Alfalfa (in)
	MAX (F)	MIN (F)			MAX 2 INCH (F)	MIN 2 INCH (F)	MAX 4 INCH (F)	MIN 4 INCH (F)					
APR 1	63.2	31.4	0.00	492.6	0.0	0.0	0.0	0.0	36.0	9.07	0.00	0.17	0.24
APR 2	69.2	25.1	0.00	496.7	0.0	0.0	0.0	0.0	35.9	4.20	0.00	0.14	0.17
APR 3	83.0	34.8	0.00	475.1	0.0	0.0	0.0	0.0	34.4	5.36	0.00	0.19	0.22
APR 4	81.0	54.0	0.00	494.1	0.0	0.0	0.0	0.0	46.2	10.36	0.00	0.23	0.32
APR 5	73.3	54.6	1.26	164.3	0.0	0.0	0.0	0.0	77.7	7.44	0.00	0.08	0.11
APR 6	64.1	50.8	0.00	263.5	0.0	0.0	0.0	0.0	85.0	7.86	0.00	0.08	0.10
APR 7	61.3	40.2	0.00	321.2	0.0	0.0	0.0	0.0	80.5	8.78	0.00	0.08	0.12
APR 8	68.6	34.1	0.00	426.9	0.0	0.0	0.0	0.0	75.5	4.28	0.00	0.11	0.12
APR 9	78.5	53.3	0.00	413.5	0.0	0.0	0.0	0.0	70.5	8.33	0.00	0.15	0.20
APR 10	72.0	55.7	0.15	53.5	0.0	0.0	0.0	0.0	80.9	7.60	0.00	0.06	0.08
APR 11	71.5	43.6	0.00	319.1	0.0	0.0	0.0	0.0	79.4	5.38	0.00	0.10	0.11
APR 12	53.1	40.8	0.00	164.3	0.0	0.0	0.0	0.0	85.3	8.94	0.00	0.05	0.07
APR 13	67.0	40.8	0.00	300.4	0.0	0.0	0.0	0.0	75.8	7.24	0.00	0.09	0.12
APR 14	69.2	35.4	0.00	542.9	0.0	0.0	0.0	0.0	57.1	2.98	0.00	0.14	0.16
APR 15	75.9	42.7	0.00	491.6	0.0	0.0	0.0	0.0	58.9	3.32	0.00	0.14	0.17
APR 16	79.5	45.9	0.00	441.0	0.0	0.0	0.0	0.0	62.3	4.37	0.00	0.15	0.17
APR 17	82.6	52.4	0.00	462.1	0.0	0.0	0.0	0.0	58.7	5.65	0.00	0.17	0.21
APR 18	77.5	58.7	0.00	331.0	0.0	0.0	0.0	0.0	68.5	8.90	0.00	0.15	0.20
APR 19	80.1	61.4	0.00	368.9	0.0	0.0	0.0	0.0	73.2	8.01	0.00	0.15	0.19
APR 20	78.4	60.0	0.00	298.4	0.0	0.0	0.0	0.0	76.8	6.03	0.00	0.12	0.14
APR 21	72.6	48.3	0.00	374.3	0.0	0.0	0.0	0.0	69.4	8.28	0.00	0.13	0.18
APR 22	60.8	39.5	0.00	433.8	0.0	0.0	0.0	0.0	63.6	19.12	0.00	0.14	0.27
APR 23	62.4	32.9	0.00	547.1	0.0	0.0	0.0	0.0	46.6	10.24	0.00	0.16	0.25
APR 24	62.3	29.9	0.00	541.4	0.0	0.0	0.0	0.0	44.0	3.30	0.00	0.13	0.16
APR 25	55.0	37.4	0.17	146.9	0.0	0.0	0.0	0.0	85.6	3.84	0.00	0.05	0.05
APR 26	56.7	34.0	0.00	328.8	0.0	0.0	0.0	0.0	67.2	8.80	0.00	0.10	0.14
APR 27	61.2	31.1	0.00	378.4	0.0	0.0	0.0	0.0	58.0	6.82	0.00	0.12	0.15
APR 28	53.8	40.7	0.00	137.3	0.0	0.0	0.0	0.0	77.1	9.40	0.00	0.06	0.09
APR 29	53.0	32.1	0.00	219.1	0.0	0.0	0.0	0.0	74.3	6.14	0.00	0.07	0.09
APR 30	58.1	29.2	0.00	503.7	0.0	0.0	0.0	0.0	53.9	5.95	0.00	0.13	0.16
SUM.	68.2	42.4	1.58	364.4	0.0	0.0	0.0	0.0	65.3	7.2	0.0	0.1	0.2

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - MAY 2005

DAY	AIR TEMPERATURE		TOTAL PRECIP (in)	TOTAL SOLAR RAD (ly)	SOIL TEMPERATURES				AVERAGE RELATIVE HUMIDITY (%)	MEAN WIND SPEED (mph)	PEAK WIND GUST (mph)	ET GRASS (in)	ET Alfalfa (in)
	MAX (F)	MIN (F)			2 INCH MAX (F)	2 INCH MIN (F)	4 INCH MAX (F)	4 INCH MIN (F)					
MAY 1	54.2	31.1	0.00	545.8	0.0	0.0	0.0	0.0	47.2	8.63	0.00	0.14	0.21
MAY 2	56.6	28.0	0.00	544.3	0.0	0.0	0.0	0.0	48.6	6.68	0.00	0.13	0.18
MAY 3	60.2	31.0	0.00	493.7	0.0	0.0	0.0	0.0	49.4	4.47	0.00	0.13	0.16
MAY 4	68.9	37.2	0.00	519.5	0.0	0.0	0.0	0.0	51.5	3.36	0.00	0.15	0.17
MAY 5	68.8	44.6	0.00	398.0	0.0	0.0	0.0	0.0	70.0	4.61	0.00	0.12	0.14
MAY 6	82.4	51.3	0.00	460.0	0.0	0.0	0.0	0.0	63.6	5.97	0.00	0.17	0.21
MAY 7	78.8	62.7	0.00	353.1	0.0	0.0	0.0	0.0	60.2	8.71	0.00	0.18	0.24
MAY 8	79.8	56.5	0.00	310.8	0.0	0.0	0.0	0.0	71.1	8.34	0.00	0.14	0.18
MAY 9	77.7	48.6	0.00	557.8	0.0	0.0	0.0	0.0	57.6	8.75	0.00	0.20	0.27
MAY 10	93.2	55.5	0.00	535.4	0.0	0.0	0.0	0.0	63.7	6.25	0.00	0.22	0.26
MAY 11	87.2	63.4	0.16	190.2	0.0	0.0	0.0	0.0	80.5	7.80	0.00	0.10	0.13
MAY 12	71.7	58.5	1.00	235.5	0.0	0.0	0.0	0.0	82.9	6.78	0.00	0.09	0.11
MAY 13	69.4	53.4	0.17	169.5	0.0	0.0	0.0	0.0	91.5	5.31	0.00	0.06	0.07
MAY 14	66.7	43.4	0.00	575.0	0.0	0.0	0.0	0.0	69.7	8.31	0.00	0.15	0.21
MAY 15	66.6	35.5	0.00	589.5	0.0	0.0	0.0	0.0	64.1	3.45	0.00	0.15	0.17
MAY 16	75.5	47.9	0.00	553.6	0.0	0.0	0.0	0.0	60.0	5.94	0.00	0.18	0.22
MAY 17	81.7	59.0	0.00	522.0	0.0	0.0	0.0	0.0	59.9	9.69	0.00	0.22	0.30
MAY 18	82.5	56.6	0.00	450.0	0.0	0.0	0.0	0.0	65.1	6.12	0.00	0.17	0.22
MAY 19	92.3	51.8	0.00	565.9	0.0	0.0	0.0	0.0	58.6	3.83	0.00	0.21	0.24
MAY 20	89.6	57.0	0.00	574.7	0.0	0.0	0.0	0.0	53.7	4.35	0.00	0.22	0.26
MAY 21	99.1	61.6	0.00	520.0	0.0	0.0	0.0	0.0	61.7	6.22	0.00	0.23	0.28
MAY 22	85.4	59.8	0.00	522.5	0.0	0.0	0.0	0.0	44.2	6.48	0.00	0.23	0.30
MAY 23	89.2	52.8	0.00	583.9	0.0	0.0	0.0	0.0	44.3	2.64	0.00	0.21	0.24
MAY 24	85.4	66.4	0.00	450.0	0.0	0.0	0.0	0.0	62.6	4.03	0.00	0.18	0.21
MAY 25	81.9	53.5	0.00	477.3	0.0	0.0	0.0	0.0	66.1	5.29	0.00	0.17	0.21
MAY 26	77.6	47.1	0.00	545.3	0.0	0.0	0.0	0.0	54.8	5.21	0.00	0.18	0.23
MAY 27	74.8	48.5	0.00	270.0	0.0	0.0	0.0	0.0	69.1	3.15	0.00	0.10	0.12
MAY 28	73.0	41.6	0.00	430.6	0.0	0.0	0.0	0.0	66.8	2.89	0.00	0.13	0.15
MAY 29	81.2	55.1	0.00	459.4	0.0	0.0	0.0	0.0	68.5	4.83	0.00	0.16	0.20
MAY 30	70.7	52.8	0.10	282.7	0.0	0.0	0.0	0.0	78.3	5.10	0.00	0.10	0.12
MAY 31	77.7	60.4	0.00	313.5	0.0	0.0	0.0	0.0	77.7	4.23	0.00	0.12	0.14
SUM.	77.4	50.7	1.43	451.6	0.0	0.0	0.0	0.0	63.3	5.7	0.0	0.2	0.2

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - JUN 2005

DAY	AIR TEMPERATURE		TOTAL PRECIP (in)	TOTAL SOLAR RAD (ly)	SOIL TEMPERATURES				AVERAGE RELATIVE HUMIDITY (%)	MEAN WIND SPEED (mph)	PEAK WIND GUST (mph)	ET GRASS (in)	ET Alfalfa (in)
	MAX (F)	MIN (F)			MAX 2 INCH (F)	MIN 2 INCH (F)	MAX 4 INCH (F)	MIN 4 INCH (F)					
JUN 1	78.2	60.5	0.00	468.6	0.0	0.0	0.0	0.0	78.2	3.80	0.00	0.15	0.18
JUN 2	81.4	62.4	1.59	318.9	0.0	0.0	0.0	0.0	75.0	3.75	0.00	0.12	0.14
JUN 3	71.0	60.8	1.46	95.6	0.0	0.0	0.0	0.0	95.5	5.93	0.00	0.04	0.04
JUN 4	84.1	62.1	1.19	421.0	0.0	0.0	0.0	0.0	82.2	5.63	0.00	0.15	0.18
JUN 5	85.1	59.3	0.00	593.8	0.0	0.0	0.0	0.0	66.0	7.72	0.00	0.22	0.28
JUN 6	88.9	67.1	0.00	551.0	0.0	0.0	0.0	0.0	69.2	3.86	0.00	0.20	0.24
JUN 7	90.6	71.0	0.00	487.6	0.0	0.0	0.0	0.0	67.9	5.87	0.00	0.20	0.25
JUN 8	88.8	67.3	0.00	531.9	0.0	0.0	0.0	0.0	60.9	7.20	0.00	0.23	0.29
JUN 9	81.8	63.6	3.90	248.7	0.0	0.0	0.0	0.0	76.1	7.29	0.00	0.12	0.15
JUN 10	81.7	65.3	1.72	367.2	0.0	0.0	0.0	0.0	80.6	5.60	0.00	0.14	0.16
JUN 11	82.4	63.4	1.12	451.8	0.0	0.0	0.0	0.0	80.3	3.81	0.00	0.15	0.18
JUN 12	83.7	62.7	0.32	230.2	0.0	0.0	0.0	0.0	90.5	4.84	0.00	0.09	0.10
JUN 13	80.9	61.3	0.00	515.3	0.0	0.0	0.0	0.0	71.4	7.06	0.00	0.18	0.23
JUN 14	85.4	59.8	0.00	603.3	0.0	0.0	0.0	0.0	68.1	8.73	0.00	0.22	0.29
JUN 15	85.3	57.0	0.00	590.2	0.0	0.0	0.0	0.0	61.4	2.71	0.00	0.20	0.22
JUN 16	85.5	65.0	0.00	486.9	0.0	0.0	0.0	0.0	74.7	3.32	0.00	0.17	0.20
JUN 17	84.2	66.4	0.00	557.6	0.0	0.0	0.0	0.0	72.7	5.97	0.00	0.20	0.25
JUN 18	85.5	62.3	0.00	577.7	0.0	0.0	0.0	0.0	66.3	3.97	0.00	0.20	0.24
JUN 19	88.4	64.9	0.00	560.7	0.0	0.0	0.0	0.0	64.8	4.46	0.00	0.21	0.25
JUN 20	91.3	65.0	0.00	572.6	0.0	0.0	0.0	0.0	66.7	2.35	0.00	0.20	0.23
JUN 21	90.0	66.1	0.14	487.4	0.0	0.0	0.0	0.0	73.0	2.76	0.00	0.18	0.20
JUN 22	92.0	66.9	0.00	568.3	0.0	0.0	0.0	0.0	64.5	2.34	0.00	0.21	0.23
JUN 23	92.0	67.4	0.00	578.8	0.0	0.0	0.0	0.0	60.0	4.03	0.00	0.23	0.27
JUN 24	95.4	72.7	0.00	559.4	0.0	0.0	0.0	0.0	56.6	4.61	0.00	0.24	0.29
JUN 25	94.7	73.9	0.00	478.4	0.0	0.0	0.0	0.0	58.3	3.53	0.00	0.21	0.25
JUN 26	94.3	73.8	0.00	543.6	0.0	0.0	0.0	0.0	55.3	4.11	0.00	0.23	0.28
JUN 27	96.3	74.5	0.00	529.3	0.0	0.0	0.0	0.0	54.3	4.42	0.00	0.24	0.29
JUN 28	94.0	67.7	0.00	378.4	0.0	0.0	0.0	0.0	65.1	4.20	0.00	0.17	0.20
JUN 29	96.4	73.0	0.00	465.9	0.0	0.0	0.0	0.0	58.1	4.21	0.00	0.21	0.25
JUN 30	82.5	62.8	0.40	203.8	0.0	0.0	0.0	0.0	82.4	3.75	0.00	0.09	0.10
SUM.	87.1	65.5	11.84	467.5	0.0	0.0	0.0	0.0	69.9	4.7	0.0	0.2	0.2

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - JUL 2005

DAY	AIR TEMPERATURE		TOTAL PRECIP (in)	TOTAL SOLAR RAD (ly)	SOIL TEMPERATURES				AVERAGE RELATIVE HUMIDITY (%)	MEAN WIND SPEED (mph)	PEAK WIND GUST (mph)	ET GRASS (in)	ET Alfalfa (in)
	MAX (F)	MIN (F)			2 INCH MAX (F)	2 INCH MIN (F)	4 INCH MAX (F)	4 INCH MIN (F)					
JUL 1	84.7	59.8	0.00	540.9	0.0	0.0	0.0	0.0	73.2	1.76	0.00	0.18	0.19
JUL 2	86.8	64.2	0.00	548.6	0.0	0.0	0.0	0.0	68.9	4.16	0.00	0.20	0.23
JUL 3	87.4	65.4	0.32	297.8	0.0	0.0	0.0	0.0	76.7	4.99	0.00	0.13	0.15
JUL 4	87.4	64.1	0.00	513.0	0.0	0.0	0.0	0.0	73.3	1.93	0.00	0.18	0.19
JUL 5	86.4	62.5	0.00	547.9	0.0	0.0	0.0	0.0	67.0	1.82	0.00	0.18	0.20
JUL 6	86.0	62.1	0.00	459.1	0.0	0.0	0.0	0.0	71.7	1.95	0.00	0.16	0.18
JUL 7	88.2	64.0	0.00	549.7	0.0	0.0	0.0	0.0	64.0	3.33	0.00	0.20	0.23
JUL 8	88.4	66.4	0.00	509.9	0.0	0.0	0.0	0.0	63.9	2.77	0.00	0.19	0.22
JUL 9	90.9	70.3	0.00	551.3	0.0	0.0	0.0	0.0	59.1	2.95	0.00	0.21	0.25
JUL 10	90.4	65.5	0.00	539.8	0.0	0.0	0.0	0.0	63.2	2.83	0.00	0.20	0.23
JUL 11	91.3	67.0	0.00	537.4	0.0	0.0	0.0	0.0	66.5	1.55	0.00	0.19	0.21
JUL 12	91.0	68.7	0.00	388.6	0.0	0.0	0.0	0.0	75.4	1.72	0.00	0.15	0.16
JUL 13	88.6	66.3	0.00	536.1	0.0	0.0	0.0	0.0	71.0	1.62	0.00	0.18	0.20
JUL 14	90.7	65.3	0.00	513.3	0.0	0.0	0.0	0.0	66.7	1.77	0.00	0.18	0.20
JUL 15	92.4	66.8	0.00	534.2	0.0	0.0	0.0	0.0	66.9	1.62	0.00	0.19	0.21
JUL 16	94.5	67.8	0.00	534.5	0.0	0.0	0.0	0.0	58.6	1.54	0.00	0.19	0.22
JUL 17	93.8	69.2	0.16	540.6	0.0	0.0	0.0	0.0	60.3	3.97	0.00	0.22	0.26
JUL 18	86.3	68.1	0.22	466.4	0.0	0.0	0.0	0.0	72.4	3.40	0.00	0.17	0.20
JUL 19	89.2	68.7	0.76	301.7	0.0	0.0	0.0	0.0	78.7	3.75	0.00	0.13	0.15
JUL 20	95.1	76.7	0.00	548.4	0.0	0.0	0.0	0.0	60.8	4.21	0.00	0.23	0.28
JUL 21	97.9	74.0	0.00	486.8	0.0	0.0	0.0	0.0	59.6	3.09	0.00	0.21	0.24
JUL 22	99.0	72.5	0.00	527.7	0.0	0.0	0.0	0.0	60.5	1.58	0.00	0.20	0.23
JUL 23	99.1	74.4	0.00	550.8	0.0	0.0	0.0	0.0	53.6	3.74	0.00	0.24	0.28
JUL 24	95.8	74.9	0.00	509.7	0.0	0.0	0.0	0.0	54.5	4.26	0.00	0.23	0.27
JUL 25	96.9	75.9	0.27	490.5	0.0	0.0	0.0	0.0	58.2	4.30	0.00	0.22	0.27
JUL 26	79.2	57.6	0.23	164.3	0.0	0.0	0.0	0.0	83.9	3.52	0.00	0.07	0.08
JUL 27	76.2	52.1	0.00	567.2	0.0	0.0	0.0	0.0	68.3	2.53	0.00	0.16	0.19
JUL 28	84.6	52.9	0.00	558.9	0.0	0.0	0.0	0.0	67.9	1.43	0.00	0.17	0.19
JUL 29	89.7	59.8	0.00	539.1	0.0	0.0	0.0	0.0	60.0	1.90	0.00	0.18	0.21
JUL 30	91.3	62.6	0.00	530.4	0.0	0.0	0.0	0.0	56.4	2.27	0.00	0.19	0.22
JUL 31	94.5	65.9	0.00	492.3	0.0	0.0	0.0	0.0	57.7	2.50	0.00	0.19	0.22
SUM.	90.1	66.2	1.96	496.0	0.0	0.0	0.0	0.0	65.8	2.7	0.0	0.2	0.2

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - AUG 2005

DAY	AIR TEMPERATURE		TOTAL PRECIP (in)	TOTAL SOLAR RAD (ly)	SOIL TEMPERATURES				AVERAGE RELATIVE HUMIDITY (%)	MEAN WIND SPEED (mph)	PEAK WIND GUST (mph)	ET GRASS (in)	ET Alfalfa (in)
	MAX (F)	MIN (F)			2 INCH MAX (F)	2 INCH MIN (F)	4 INCH MAX (F)	4 INCH MIN (F)					
AUG 1	97.6	68.5	0.00	514.3	0.0	0.0	0.0	0.0	51.3	2.10	0.00	0.20	0.23
AUG 2	96.9	70.2	0.00	504.7	0.0	0.0	0.0	0.0	49.3	3.01	0.00	0.21	0.25
AUG 3	96.6	73.1	0.00	491.0	0.0	0.0	0.0	0.0	51.6	3.29	0.00	0.21	0.25
AUG 4	90.0	63.6	0.00	454.7	0.0	0.0	0.0	0.0	65.7	5.22	0.00	0.19	0.22
AUG 5	80.2	60.8	0.00	232.6	0.0	0.0	0.0	0.0	69.3	2.52	0.00	0.10	0.11
AUG 6	89.8	55.9	0.00	508.5	0.0	0.0	0.0	0.0	65.7	2.00	0.00	0.17	0.19
AUG 7	93.8	64.9	0.00	455.7	0.0	0.0	0.0	0.0	63.3	1.81	0.00	0.17	0.19
AUG 8	96.0	67.9	0.00	502.7	0.0	0.0	0.0	0.0	57.9	2.29	0.00	0.19	0.22
AUG 9	96.1	69.5	0.00	504.5	0.0	0.0	0.0	0.0	55.3	2.01	0.00	0.19	0.22
AUG 10	96.6	67.6	0.00	494.1	0.0	0.0	0.0	0.0	56.2	2.04	0.00	0.19	0.22
AUG 11	92.8	71.2	0.00	398.0	0.0	0.0	0.0	0.0	59.8	3.17	0.00	0.17	0.20
AUG 12	86.1	70.6	0.29	273.6	0.0	0.0	0.0	0.0	80.4	3.26	0.00	0.11	0.13
AUG 13	76.7	62.1	0.57	180.6	0.0	0.0	0.0	0.0	90.2	3.44	0.00	0.07	0.07
AUG 14	75.7	59.6	0.00	376.3	0.0	0.0	0.0	0.0	74.0	4.91	0.00	0.13	0.16
AUG 15	78.5	59.2	0.00	407.0	0.0	0.0	0.0	0.0	76.8	4.00	0.00	0.13	0.16
AUG 16	83.3	63.0	0.00	347.8	0.0	0.0	0.0	0.0	77.3	2.08	0.00	0.12	0.13
AUG 17	86.9	69.7	0.17	319.1	0.0	0.0	0.0	0.0	78.9	3.31	0.00	0.12	0.14
AUG 18	95.6	68.6	0.00	486.0	0.0	0.0	0.0	0.0	72.1	3.59	0.00	0.19	0.21
AUG 19	86.8	66.9	1.66	310.2	0.0	0.0	0.0	0.0	86.5	5.10	0.00	0.11	0.13
AUG 20	86.4	65.4	0.00	380.5	0.0	0.0	0.0	0.0	80.6	2.05	0.00	0.13	0.14
AUG 21	85.0	68.0	0.00	292.3	0.0	0.0	0.0	0.0	83.0	1.77	0.00	0.11	0.11
AUG 22	83.8	67.2	0.41	227.2	0.0	0.0	0.0	0.0	87.0	2.60	0.00	0.09	0.09
AUG 23	75.7	67.6	0.00	154.5	0.0	0.0	0.0	0.0	87.6	6.76	0.00	0.07	0.09
AUG 24	79.9	66.0	1.82	206.8	0.0	0.0	0.0	0.0	86.9	5.07	0.00	0.08	0.10
AUG 25	81.2	68.2	0.64	234.1	0.0	0.0	0.0	0.0	85.5	3.31	0.00	0.09	0.10
AUG 26	88.5	66.4	0.00	385.4	0.0	0.0	0.0	0.0	80.1	2.50	0.00	0.14	0.15
AUG 27	90.1	62.9	0.00	489.0	0.0	0.0	0.0	0.0	74.4	1.56	0.00	0.16	0.17
AUG 28	88.8	63.4	0.00	415.9	0.0	0.0	0.0	0.0	71.9	1.69	0.00	0.14	0.16
AUG 29	88.4	59.7	0.00	501.3	0.0	0.0	0.0	0.0	71.2	2.35	0.00	0.16	0.18
AUG 30	88.2	60.9	0.00	508.6	0.0	0.0	0.0	0.0	71.1	1.27	0.00	0.16	0.17
AUG 31	86.0	62.0	0.00	463.9	0.0	0.0	0.0	0.0	67.8	2.32	0.00	0.15	0.17
SUM.	87.7	65.5	5.56	387.8	0.0	0.0	0.0	0.0	71.9	3.0	0.0	0.1	0.2

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - SEP 2005

DAY	AIR TEMPERATURE		TOTAL PRECIP (in)	TOTAL SOLAR RAD (ly)	SOIL TEMPERATURES				AVERAGE RELATIVE HUMIDITY (%)	MEAN WIND SPEED (mph)	PEAK WIND GUST (mph)	ET GRASS (in)	ET Alfalfa (in)
	MAX (F)	MIN (F)			2 INCH MAX (F)	2 INCH MIN (F)	4 INCH MAX (F)	4 INCH MIN (F)					
SEP 1	82.1	59.3	0.00	345.9	0.0	0.0	0.0	0.0	68.7	1.53	0.00	0.11	0.13
SEP 2	84.4	64.6	0.00	354.0	0.0	0.0	0.0	0.0	73.9	2.25	0.00	0.12	0.14
SEP 3	91.4	65.7	0.00	439.1	0.0	0.0	0.0	0.0	67.4	2.87	0.00	0.16	0.18
SEP 4	89.3	65.8	0.00	388.8	0.0	0.0	0.0	0.0	65.7	2.27	0.00	0.14	0.16
SEP 5	88.3	63.5	0.00	351.3	0.0	0.0	0.0	0.0	57.6	3.12	0.00	0.14	0.17
SEP 6	84.1	63.4	0.00	204.2	0.0	0.0	0.0	0.0	69.2	1.63	0.00	0.09	0.10
SEP 7	89.4	66.5	0.00	371.5	0.0	0.0	0.0	0.0	67.9	1.37	0.00	0.13	0.15
SEP 8	90.2	69.0	0.00	302.7	0.0	0.0	0.0	0.0	65.0	2.29	0.00	0.12	0.14
SEP 9	90.4	66.3	0.00	441.2	0.0	0.0	0.0	0.0	52.8	2.62	0.00	0.16	0.19
SEP 10	90.3	69.7	0.00	447.1	0.0	0.0	0.0	0.0	50.0	4.38	0.00	0.19	0.24
SEP 11	89.0	68.6	0.00	396.1	0.0	0.0	0.0	0.0	60.8	5.15	0.00	0.17	0.21
SEP 12	89.3	72.6	0.00	321.7	0.0	0.0	0.0	0.0	64.0	4.71	0.00	0.15	0.19
SEP 13	83.6	59.8	0.00	205.2	0.0	0.0	0.0	0.0	71.3	3.80	0.00	0.10	0.11
SEP 14	77.4	52.1	0.22	352.1	0.0	0.0	0.0	0.0	59.9	4.13	0.00	0.13	0.15
SEP 15	70.4	50.8	0.00	155.3	0.0	0.0	0.0	0.0	78.6	6.26	0.00	0.07	0.09
SEP 16	77.4	47.5	0.00	431.3	0.0	0.0	0.0	0.0	71.6	1.61	0.00	0.11	0.12
SEP 17	79.7	52.4	0.53	384.8	0.0	0.0	0.0	0.0	71.1	4.47	0.00	0.12	0.15
SEP 18	89.0	63.7	0.00	384.4	0.0	0.0	0.0	0.0	72.4	5.90	0.00	0.15	0.18
SEP 19	87.5	61.6	0.00	360.9	0.0	0.0	0.0	0.0	74.8	3.07	0.00	0.12	0.14
SEP 20	91.0	56.6	0.00	423.2	0.0	0.0	0.0	0.0	67.1	1.45	0.00	0.13	0.15
SEP 21	96.9	64.4	0.00	384.3	0.0	0.0	0.0	0.0	58.8	3.82	0.00	0.16	0.19
SEP 22	83.2	60.4	1.58	355.6	0.0	0.0	0.0	0.0	62.2	6.55	0.00	0.15	0.19
SEP 23	74.4	58.1	1.24	246.5	0.0	0.0	0.0	0.0	83.8	6.45	0.00	0.08	0.11
SEP 24	88.5	67.0	0.00	331.7	0.0	0.0	0.0	0.0	71.1	4.39	0.00	0.13	0.16
SEP 25	87.6	64.4	0.00	369.0	0.0	0.0	0.0	0.0	74.6	2.06	0.00	0.12	0.14
SEP 26	77.7	53.2	0.00	327.0	0.0	0.0	0.0	0.0	66.8	5.38	0.00	0.12	0.15
SEP 27	83.8	51.0	0.00	405.4	0.0	0.0	0.0	0.0	63.0	2.91	0.00	0.13	0.14
SEP 28	68.9	44.8	0.00	127.3	0.0	0.0	0.0	0.0	70.8	6.92	0.00	0.08	0.10
SEP 29	68.5	34.5	0.00	395.1	0.0	0.0	0.0	0.0	56.9	2.09	0.00	0.09	0.11
SEP 30	82.3	48.2	0.00	373.7	0.0	0.0	0.0	0.0	52.2	2.54	0.00	0.12	0.14
SUM.	84.2	59.5	3.57	345.9	0.0	0.0	0.0	0.0	66.3	3.6	0.0	0.1	0.2

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - OCT 2005

DAY	AIR TEMPERATURE		TOTAL PRECIP (in)	TOTAL SOLAR RAD (ly)	SOIL TEMPERATURES				AVERAGE RELATIVE HUMIDITY (%)	MEAN WIND SPEED (mph)	PEAK WIND GUST (mph)	ET GRASS (in)	ET Alfalfa (in)
	MAX (F)	MIN (F)			2 INCH MAX (F)	2 INCH MIN (F)	4 INCH MAX (F)	4 INCH MIN (F)					
OCT 1	71.9	61.6	0.19	106.1	0.0	0.0	0.0	0.0	83.0	4.67	0.00	0.06	0.07
OCT 2	91.2	65.0	0.00	330.7	0.0	0.0	0.0	0.0	67.5	7.66	0.00	0.16	0.20
OCT 3	88.7	73.7	0.00	235.8	0.0	0.0	0.0	0.0	69.9	5.64	0.00	0.12	0.16
OCT 4	88.7	72.9	0.10	336.5	0.0	0.0	0.0	0.0	66.0	6.18	0.00	0.15	0.20
OCT 5	75.6	46.7	0.66	131.3	0.0	0.0	0.0	0.0	66.9	7.16	0.00	0.09	0.12
OCT 6	57.3	37.6	0.00	273.3	0.0	0.0	0.0	0.0	57.0	7.35	0.00	0.09	0.13
OCT 7	58.2	33.7	0.00	386.4	0.0	0.0	0.0	0.0	64.2	3.79	0.00	0.08	0.10
OCT 8	63.8	34.4	0.00	379.4	0.0	0.0	0.0	0.0	65.1	2.92	0.00	0.08	0.10
OCT 9	67.4	39.2	0.00	341.0	0.0	0.0	0.0	0.0	68.2	4.26	0.00	0.09	0.11
OCT 10	64.4	43.8	0.00	251.3	0.0	0.0	0.0	0.0	74.3	2.93	0.00	0.07	0.08
OCT 11	64.2	47.5	0.26	179.5	0.0	0.0	0.0	0.0	86.6	2.97	0.00	0.05	0.05
OCT 12	67.7	47.2	0.00	243.2	0.0	0.0	0.0	0.0	80.5	3.79	0.00	0.07	0.08
OCT 13	75.4	41.6	0.00	346.0	0.0	0.0	0.0	0.0	68.8	2.35	0.00	0.09	0.10
OCT 14	85.6	45.7	0.00	341.9	0.0	0.0	0.0	0.0	58.2	3.35	0.00	0.11	0.13
OCT 15	75.5	48.7	0.00	337.3	0.0	0.0	0.0	0.0	52.5	4.52	0.00	0.11	0.15
OCT 16	78.0	52.0	0.00	237.4	0.0	0.0	0.0	0.0	64.6	2.57	0.00	0.08	0.10
OCT 17	83.1	51.2	0.00	323.8	0.0	0.0	0.0	0.0	60.0	3.06	0.00	0.10	0.12
OCT 18	88.4	45.6	0.00	322.7	0.0	0.0	0.0	0.0	59.4	2.00	0.00	0.10	0.11
OCT 19	65.9	50.6	0.94	121.2	0.0	0.0	0.0	0.0	74.7	7.64	0.00	0.07	0.09
OCT 20	56.9	44.7	0.96	53.4	0.0	0.0	0.0	0.0	91.0	7.04	0.00	0.03	0.04
OCT 21	62.5	40.1	0.00	267.6	0.0	0.0	0.0	0.0	73.1	5.29	0.00	0.07	0.09
OCT 22	52.0	34.6	0.00	173.3	0.0	0.0	0.0	0.0	85.8	4.02	0.00	0.04	0.04
OCT 23	49.8	31.9	0.00	234.0	0.0	0.0	0.0	0.0	73.4	9.21	0.00	0.06	0.09
OCT 24	53.9	28.2	0.00	314.4	0.0	0.0	0.0	0.0	71.8	4.72	0.00	0.06	0.07
OCT 25	57.4	26.3	0.00	311.2	0.0	0.0	0.0	0.0	71.8	1.52	0.00	0.05	0.06
OCT 26	62.9	30.3	0.00	303.7	0.0	0.0	0.0	0.0	65.6	1.93	0.00	0.06	0.07
OCT 27	62.0	30.3	0.00	300.9	0.0	0.0	0.0	0.0	68.5	1.96	0.00	0.05	0.06
OCT 28	70.2	34.2	0.00	283.7	0.0	0.0	0.0	0.0	62.1	4.21	0.00	0.08	0.09
OCT 29	69.0	52.7	0.00	239.8	0.0	0.0	0.0	0.0	51.7	6.05	0.00	0.11	0.15
OCT 30	71.1	49.5	0.00	228.7	0.0	0.0	0.0	0.0	61.2	5.00	0.00	0.09	0.11
OCT 31	62.1	32.5	0.00	136.4	0.0	0.0	0.0	0.0	58.1	6.34	0.00	0.08	0.10
SUM.	69.1	44.3	3.11	260.4	0.0	0.0	0.0	0.0	68.4	4.6	0.0	0.1	0.1

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - NOV 2005

DAY	AIR TEMPERATURE		TOTAL PRECIP (in)	TOTAL SOLAR RAD (ly)	SOIL TEMPERATURES				AVERAGE RELATIVE HUMIDITY (%)	MEAN WIND SPEED (mph)	PEAK WIND GUST (mph)	ET GRASS (in)	ET Alfalfa (in)
	MAX (F)	MIN (F)			2 INCH MAX (F)	2 INCH MIN (F)	4 INCH MAX (F)	4 INCH MIN (F)					
NOV 1	72.7	29.2	0.00	284.7	0.0	0.0	0.0	0.0	53.9	3.90	0.00	0.08	0.10
NOV 2	79.7	39.1	0.00	276.8	0.0	0.0	0.0	0.0	45.3	5.05	0.00	0.11	0.14
NOV 3	74.7	48.9	0.00	266.5	0.0	0.0	0.0	0.0	46.7	5.93	0.00	0.12	0.16
NOV 4	67.6	37.4	0.00	262.6	0.0	0.0	0.0	0.0	65.7	4.00	0.00	0.07	0.08
NOV 5	61.9	36.3	0.00	116.6	0.0	0.0	0.0	0.0	70.4	4.96	0.00	0.05	0.07
NOV 6	66.1	28.8	0.00	230.2	0.0	0.0	0.0	0.0	55.2	3.61	0.00	0.07	0.08
NOV 7	74.4	44.0	0.00	221.9	0.0	0.0	0.0	0.0	58.0	2.92	0.00	0.07	0.09
NOV 8	77.4	45.2	0.00	184.9	0.0	0.0	0.0	0.0	71.9	3.44	0.00	0.06	0.07
NOV 9	56.4	28.9	0.00	195.9	0.0	0.0	0.0	0.0	45.8	7.46	0.00	0.09	0.12
NOV 10	63.5	23.6	0.00	250.7	0.0	0.0	0.0	0.0	47.1	2.40	0.00	0.05	0.07
NOV 11	71.9	38.3	0.00	242.1	0.0	0.0	0.0	0.0	50.2	4.93	0.00	0.09	0.11
NOV 12	74.3	47.7	0.00	152.6	0.0	0.0	0.0	0.0	59.9	10.96	0.00	0.12	0.17
NOV 13	56.7	34.1	0.00	204.3	0.0	0.0	0.0	0.0	47.9	6.87	0.00	0.08	0.12
NOV 14	51.3	37.4	0.34	110.2	0.0	0.0	0.0	0.0	66.3	6.58	0.00	0.05	0.08
NOV 15	40.2	28.6	0.11	57.7	0.0	0.0	0.0	0.0	84.2	15.18	0.00	0.03	0.06
NOV 16	34.4	18.7	0.00	251.4	0.0	0.0	0.0	0.0	60.7	8.66	0.00	0.04	0.07
NOV 17	44.2	20.0	0.00	142.5	0.0	0.0	0.0	0.0	56.7	3.18	0.00	0.04	0.05
NOV 18	57.0	23.7	0.00	235.1	0.0	0.0	0.0	0.0	60.7	4.53	0.00	0.05	0.07
NOV 19	51.8	31.1	0.00	129.5	0.0	0.0	0.0	0.0	74.6	7.55	0.00	0.04	0.06
NOV 20	47.1	28.8	0.00	98.8	0.0	0.0	0.0	0.0	81.2	3.18	0.00	0.03	0.03
NOV 21	59.7	24.4	0.00	202.0	0.0	0.0	0.0	0.0	72.1	4.38	0.00	0.04	0.05
NOV 22	56.4	27.3	0.00	186.5	0.0	0.0	0.0	0.0	65.6	2.29	0.00	0.04	0.04
NOV 23	68.9	34.8	0.00	205.1	0.0	0.0	0.0	0.0	47.0	7.55	0.00	0.10	0.14
NOV 24	41.3	27.4	0.00	166.2	0.0	0.0	0.0	0.0	53.5	6.37	0.00	0.05	0.08
NOV 25	56.5	22.2	0.00	221.1	0.0	0.0	0.0	0.0	45.2	4.06	0.00	0.06	0.07
NOV 26	65.6	33.1	0.00	203.1	0.0	0.0	0.0	0.0	69.4	6.60	0.00	0.06	0.08
NOV 27	58.4	40.3	0.18	32.9	0.0	0.0	0.0	0.0	86.5	7.64	0.00	0.03	0.04
NOV 28	41.4	24.3	0.00	36.9	0.0	0.0	0.0	0.0	84.2	15.09	0.00	0.03	0.05
NOV 29	30.7	19.5	0.00	153.8	0.0	0.0	0.0	0.0	72.3	12.42	0.00	0.03	0.06
NOV 30	34.2	15.0	0.00	111.0	0.0	0.0	0.0	0.0	78.4	4.32	0.00	0.02	0.03
SUM.	57.9	31.3	0.63	181.1	0.0	0.0	0.0	0.0	62.6	6.2	0.0	0.1	0.1

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - DEC 2005

DAY	AIR TEMPERATURE		TOTAL PRECIP (in)	TOTAL SOLAR RAD (ly)	SOIL TEMPERATURES				AVERAGE RELATIVE HUMIDITY (%)	MEAN WIND SPEED (mph)	PEAK WIND GUST (mph)	ET GRASS (in)	ET Alfalfa (in)
	MAX (F)	MIN (F)			2 INCH MAX (F)	2 INCH MIN (F)	4 INCH MAX (F)	4 INCH MIN (F)					
DEC 1	29.2	14.7	0.00	213.6	0.0	0.0	0.0	0.0	74.2	8.08	0.00	0.02	0.04
DEC 2	38.9	20.5	0.00	177.5	0.0	0.0	0.0	0.0	68.6	6.77	0.00	0.03	0.05
DEC 3	28.8	15.4	0.00	46.6	0.0	0.0	0.0	0.0	82.3	8.05	0.00	0.02	0.03
DEC 4	24.2	7.2	0.00	195.6	0.0	0.0	0.0	0.0	77.5	5.05	0.00	0.02	0.02
DEC 5	32.7	7.9	0.00	195.1	0.0	0.0	0.0	0.0	71.3	6.96	0.00	0.03	0.04
DEC 6	16.7	3.3	0.00	163.8	0.0	0.0	0.0	0.0	67.5	9.52	0.00	0.02	0.04
DEC 7	10.1	5.9	0.00	92.1	0.0	0.0	0.0	0.0	82.5	6.89	0.00	0.01	0.02
DEC 8	13.3	-7.7	0.00	134.5	0.0	0.0	0.0	0.0	84.1	3.97	0.00	0.01	0.01
DEC 9	27.4	-9.4	0.00	155.9	0.0	0.0	0.0	0.0	74.4	2.85	0.00	0.01	0.01
DEC 10	42.0	9.1	0.00	177.6	0.0	0.0	0.0	0.0	72.3	6.91	0.00	0.03	0.04
DEC 11	48.2	27.2	0.00	152.7	0.0	0.0	0.0	0.0	70.9	6.67	0.00	0.04	0.06
DEC 12	48.1	26.7	0.00	201.7	0.0	0.0	0.0	0.0	77.6	3.96	0.00	0.03	0.04
DEC 13	43.7	26.6	0.00	66.6	0.0	0.0	0.0	0.0	78.7	5.41	0.00	0.03	0.04
DEC 14	44.6	30.6	0.00	184.0	0.0	0.0	0.0	0.0	76.6	7.48	0.00	0.03	0.05
DEC 15	36.9	24.9	0.00	124.7	0.0	0.0	0.0	0.0	69.7	10.21	0.00	0.04	0.07
DEC 16	34.0	20.5	0.00	199.7	0.0	0.0	0.0	0.0	66.6	6.96	0.00	0.03	0.05
DEC 17	25.3	20.3	0.44	87.2	0.0	0.0	0.0	0.0	89.7	8.33	0.00	0.01	0.02
DEC 18	20.9	3.8	0.00	129.8	0.0	0.0	0.0	0.0	81.7	5.71	0.00	0.01	0.02
DEC 19	26.4	-4.0	0.00	171.7	0.0	0.0	0.0	0.0	80.1	1.82	0.00	0.01	0.01
DEC 20	31.8	11.5	0.00	109.7	0.0	0.0	0.0	0.0	83.7	2.97	0.00	0.01	0.02
DEC 21	37.0	12.1	0.00	168.9	0.0	0.0	0.0	0.0	84.3	3.43	0.00	0.02	0.02
DEC 22	50.3	21.7	0.00	185.1	0.0	0.0	0.0	0.0	76.7	4.37	0.00	0.03	0.04
DEC 23	51.2	34.3	0.00	102.0	0.0	0.0	0.0	0.0	79.6	4.75	0.00	0.03	0.04
DEC 24	48.5	32.4	0.00	50.6	0.0	0.0	0.0	0.0	82.2	10.09	0.00	0.03	0.05
DEC 25	50.3	28.6	0.00	145.8	0.0	0.0	0.0	0.0	83.1	4.79	0.00	0.03	0.03
DEC 26	60.0	29.3	0.00	178.5	0.0	0.0	0.0	0.0	71.3	3.23	0.00	0.04	0.04
DEC 27	54.8	28.6	0.00	180.6	0.0	0.0	0.0	0.0	77.3	5.65	0.00	0.04	0.05
DEC 28	54.2	31.2	0.00	124.7	0.0	0.0	0.0	0.0	76.1	6.83	0.00	0.04	0.05
DEC 29	44.9	25.7	0.00	76.7	0.0	0.0	0.0	0.0	87.9	4.58	0.00	0.02	0.02
DEC 30	48.1	26.5	0.00	168.1	0.0	0.0	0.0	0.0	73.5	7.68	0.00	0.04	0.06
DEC 31	51.4	22.0	0.00	156.0	0.0	0.0	0.0	0.0	71.1	2.93	0.00	0.03	0.04
SUM.	37.9	17.7	0.44	145.7	0.0	0.0	0.0	0.0	77.2	5.9	0.0	0.0	0.0

DATA OBTAINED FROM AUTOMATIC RECORDING STATION