

MONTHLY WEATHER INFORMATION -- Manhattan, KS - JAN 2008

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	26.2	8.3	0.00	160.1	34.0	33.3	34.6	33.3	67.6	10.42	27.49	0.03	0.04
JAN 2	27.1	4.2	0.00	195.8	33.3	32.8	34.2	32.8	74.6	4.14	8.86	0.02	0.02
JAN 3	36.7	13.8	0.00	211.2	32.9	32.6	33.8	32.7	60.1	14.77	24.67	0.05	0.08
JAN 4	41.2	29.5	0.00	106.9	32.7	32.6	33.5	32.6	70.3	11.26	22.70	0.05	0.07
JAN 5	51.6	29.6	0.00	190.2	32.8	32.6	33.5	33.4	89.2	6.34	19.21	0.02	0.03
JAN 6	50.0	33.7	0.00	166.5	33.1	32.7	33.7	33.4	80.0	4.84	17.65	0.03	0.04
JAN 7	49.6	32.6	0.00	154.6	35.9	33.1	35.9	33.7	85.2	6.05	17.88	0.03	0.04
JAN 8	43.0	26.7	0.11	152.8	36.8	34.0	36.7	34.1	83.7	7.72	23.78	0.03	0.04
JAN 9	49.6	23.7	0.00	135.1	35.3	34.9	35.3	33.1	75.6	6.95	24.01	0.04	0.05
JAN 10	41.5	22.2	0.01	61.0	35.2	33.7	35.5	33.7	80.7	9.19	26.09	0.03	0.04
JAN 11	50.5	19.9	0.00	207.9	37.0	33.0	36.9	33.0	75.1	5.34	14.92	0.03	0.05
JAN 12	37.8	24.7	0.00	152.9	35.0	33.2	34.9	33.3	79.9	7.25	18.65	0.03	0.04
JAN 13	42.4	21.4	0.00	241.7	35.1	32.9	35.2	33.0	79.8	4.27	11.92	0.03	0.03
JAN 14	34.7	18.7	0.00	210.6	33.5	31.1	34.4	33.8	75.2	5.03	12.59	0.03	0.04
JAN 15	50.9	17.1	0.00	236.7	34.7	32.4	33.8	33.3	68.3	9.10	18.63	0.05	0.08
JAN 16	41.4	18.8	0.03	40.9	32.8	32.5	33.5	32.7	78.4	11.88	24.97	0.03	0.05
JAN 17	20.3	0.5	0.00	235.4	32.8	32.7	33.5	33.4	76.6	6.07	19.24	0.02	0.02
JAN 18	26.2	0.9	0.00	140.6	32.8	32.7	33.5	33.4	73.1	6.92	25.25	0.02	0.03
JAN 19	16.9	-6.0	0.00	189.7	32.7	31.7	33.4	32.3	72.0	3.61	11.97	0.01	0.02
JAN 20	30.0	10.5	0.00	235.1	32.3	31.9	33.1	32.1	72.9	9.64	20.22	0.03	0.04
JAN 21	36.1	4.6	0.00	95.5	32.1	32.0	32.9	32.7	74.0	12.12	27.02	0.03	0.05
JAN 22	22.8	4.2	0.00	193.5	31.9	31.8	32.8	31.5	72.3	5.85	18.37	0.02	0.03
JAN 23	36.3	4.7	0.00	209.6	33.9	27.7	32.6	32.3	74.1	9.40	30.49	0.03	0.04
JAN 24	21.7	-2.3	0.00	215.5	31.3	28.1	31.3	29.7	70.4	6.57	19.98	0.02	0.03
JAN 25	41.9	21.6	0.00	124.1	32.4	29.7	31.9	29.6	78.8	9.59	27.14	0.03	0.05
JAN 26	52.5	23.1	0.00	214.9	34.0	30.6	32.7	30.7	68.3	6.15	15.57	0.05	0.07
JAN 27	63.0	20.9	0.00	203.6	34.0	29.9	32.0	30.1	68.1	7.47	19.21	0.06	0.09
JAN 28	62.6	46.5	0.00	142.3	40.6	31.7	35.2	32.0	54.2	18.97	37.49	0.14	0.23
JAN 29	46.8	9.8	0.02	168.4	36.1	29.6	36.1	32.7	75.4	13.40	37.69	0.04	0.06
JAN 30	43.3	12.3	0.00	195.8	34.5	29.9	33.4	31.1	70.7	13.09	30.00	0.05	0.07
JAN 31	30.9	15.1	0.04	143.2	32.3	31.9	33.0	32.3	77.1	10.94	22.95	0.03	0.04
SUM.	39.5	16.5	0.21	172.0	34.0	31.9	34.0	32.5	74.2	8.5	21.8	0.0	0.1

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - FEB 2008

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	39.9	9.2	0.00	254.5	34.0	30.2	32.8	31.3	78.3	5.19	15.32	0.03	0.04
FEB 2	49.6	21.6	0.00	204.0	35.8	31.9	32.8	32.7	79.2	6.35	16.19	0.04	0.05
FEB 3	41.7	26.2	0.00	67.7	34.0	31.9	32.2	32.1	93.3	7.57	17.62	0.02	0.02
FEB 4	52.3	28.9	0.00	270.4	40.9	31.9	40.8	32.7	87.3	7.19	19.08	0.04	0.05
FEB 5	34.3	21.1	0.18	43.1	34.9	28.8	35.4	33.4	93.2	14.22	26.51	0.01	0.02
FEB 6	28.0	1.9	0.01	247.4	33.4	30.8	34.1	32.5	83.4	7.68	23.89	0.02	0.03
FEB 7	37.8	5.6	0.00	258.5	33.3	29.2	33.3	30.4	80.8	5.56	16.69	0.03	0.04
FEB 8	46.8	24.9	0.00	254.8	33.2	30.9	33.7	30.4	70.9	6.20	17.65	0.05	0.07
FEB 9	50.0	23.7	0.00	345.8	38.6	31.0	35.5	33.0	70.2	9.20	24.78	0.06	0.08
FEB 10	20.3	11.6	0.00	242.5	33.1	29.6	33.6	33.2	59.4	9.89	23.38	0.03	0.05
FEB 11	25.7	9.8	0.00	107.8	31.3	26.2	30.7	27.4	73.0	7.96	16.45	0.02	0.04
FEB 12	30.2	17.2	0.00	277.2	29.7	28.1	33.1	32.4	73.4	8.37	21.27	0.03	0.05
FEB 13	51.6	13.6	0.00	308.0	32.4	32.2	33.0	32.8	73.5	12.57	25.90	0.06	0.08
FEB 14	51.8	19.5	0.00	157.3	35.9	30.0	34.7	32.0	70.5	11.60	23.17	0.06	0.09
FEB 15	31.5	13.6	0.00	220.8	32.2	32.1	32.2	32.6	63.5	8.35	21.67	0.04	0.06
FEB 16	39.4	20.6	0.29	92.2	33.9	31.9	32.7	32.2	82.2	5.64	18.65	0.03	0.04
FEB 17	41.0	32.0	0.46	149.7	33.8	31.9	32.5	31.9	85.4	11.28	24.74	0.03	0.05
FEB 18	37.9	19.4	0.00	175.6	33.9	32.0	32.6	31.9	68.4	7.47	20.40	0.04	0.06
FEB 19	52.3	17.2	0.00	217.5	35.6	30.1	32.6	31.6	70.8	7.40	25.14	0.05	0.08
FEB 20	28.0	9.8	0.00	264.5	32.0	28.9	32.5	31.8	60.4	12.76	26.30	0.04	0.06
FEB 21	22.1	11.9	0.02	126.4	29.2	28.4	31.8	30.1	88.0	7.81	14.16	0.02	0.02
FEB 22	38.3	20.6	0.02	231.3	31.7	30.5	32.0	31.7	79.3	5.93	15.66	0.04	0.05
FEB 23	35.6	19.2	0.03	141.5	34.1	31.2	32.0	30.1	89.2	6.67	15.32	0.02	0.03
FEB 24	41.9	32.3	0.00	275.0	34.0	31.7	32.0	31.7	87.7	7.27	19.91	0.04	0.05
FEB 25	50.4	28.3	0.02	107.4	35.8	31.7	33.8	31.7	85.6	15.15	39.82	0.04	0.05
FEB 26	36.9	21.0	0.00	167.6	32.2	31.7	32.1	31.8	73.3	12.48	33.87	0.04	0.06
FEB 27	46.9	20.0	0.00	284.2	34.0	28.2	32.1	32.0	70.6	5.58	13.67	0.05	0.07
FEB 28	46.8	28.1	0.00	162.3	35.8	31.8	32.2	31.8	73.6	4.75	12.10	0.04	0.06
FEB 29	54.1	27.5	0.00	269.8	42.9	31.8	40.9	31.7	70.3	7.42	22.28	0.07	0.09
SUM.	40.1	19.2	1.03	204.3	34.2	30.6	33.4	31.8	77.1	8.5	21.1	0.0	0.1

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - MAR 2008

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	69.8	30.1	0.00	317.2	56.8	32.0	45.9	33.5	53.4	14.99	39.95	0.15	0.23
MAR 2	69.6	33.4	1.27	120.7	61.1	40.3	50.3	34.6	84.2	16.42	36.31	0.06	0.09
MAR 3	35.8	20.5	0.00	330.6	40.4	32.4	40.1	33.8	70.3	14.32	27.76	0.05	0.07
MAR 4	45.0	17.1	0.00	369.3	42.3	29.0	40.4	33.2	66.1	6.22	19.17	0.06	0.08
MAR 5	36.3	21.2	0.00	162.1	36.5	30.0	37.4	33.4	69.5	7.77	21.07	0.04	0.06
MAR 6	45.0	17.3	0.00	317.0	41.4	33.0	39.8	34.0	65.4	6.31	18.07	0.06	0.08
MAR 7	27.9	10.0	0.00	103.9	32.7	27.6	33.8	32.0	78.1	13.03	29.55	0.03	0.04
MAR 8	45.7	8.5	0.00	286.0	38.2	27.9	35.6	33.2	68.4	8.58	24.29	0.06	0.08
MAR 9	53.8	26.5	0.00	307.1	45.5	31.6	41.7	33.2	68.2	4.52	12.80	0.07	0.09
MAR 10	50.5	18.6	0.00	252.5	47.7	28.5	44.0	32.9	64.2	4.17	12.35	0.06	0.08
MAR 11	68.4	24.3	0.00	395.3	50.4	32.7	49.2	34.0	59.6	4.89	16.29	0.10	0.14
MAR 12	73.8	29.9	0.00	388.6	53.7	36.9	51.1	37.8	58.5	6.67	25.97	0.13	0.17
MAR 13	63.5	33.7	0.00	287.3	52.3	34.0	45.6	41.7	69.5	5.70	17.43	0.08	0.11
MAR 14	54.0	32.6	0.25	107.6	46.4	39.6	46.3	38.8	87.3	8.30	28.32	0.04	0.05
MAR 15	41.9	27.5	0.19	214.8	44.4	34.9	44.5	38.5	80.1	11.46	30.74	0.05	0.06
MAR 16	41.9	26.7	0.00	167.3	41.6	32.5	41.4	34.0	73.4	9.20	25.46	0.05	0.07
MAR 17	44.6	39.5	0.30	52.2	41.1	38.6	41.1	39.2	90.1	6.13	14.20	0.03	0.03
MAR 18	55.4	37.7	0.00	283.2	50.3	38.8	48.9	40.7	80.3	6.54	19.12	0.07	0.08
MAR 19	61.0	30.4	0.00	473.6	53.9	35.6	52.9	38.7	66.4	5.45	12.19	0.10	0.13
MAR 20	75.7	29.8	0.00	461.0	59.2	32.1	53.4	38.8	59.1	10.40	35.01	0.16	0.22
MAR 21	61.2	39.4	0.00	512.3	57.1	41.4	51.8	42.3	58.6	10.73	29.37	0.14	0.19
MAR 22	50.0	30.0	0.00	279.6	50.3	34.4	48.9	41.9	75.5	6.49	16.02	0.06	0.08
MAR 23	50.2	27.8	0.00	404.5	48.3	34.5	47.7	38.1	58.4	7.75	16.55	0.09	0.12
MAR 24	63.9	28.1	0.00	477.9	47.2	36.6	47.1	36.6	58.0	14.43	30.89	0.14	0.20
MAR 25	61.5	37.9	0.00	421.7	49.0	42.2	48.9	41.2	44.4	8.07	26.42	0.14	0.20
MAR 26	54.1	34.3	0.00	164.0	51.0	42.1	48.9	42.1	63.3	9.58	23.80	0.08	0.12
MAR 27	45.3	35.6	0.01	134.0	44.9	42.4	44.9	42.5	90.3	9.85	16.24	0.03	0.04
MAR 28	54.1	35.0	0.00	251.0	51.8	39.0	50.1	40.0	67.2	8.00	18.28	0.08	0.11
MAR 29	52.3	39.1	0.00	245.3	50.8	42.7	50.1	42.7	75.9	9.92	17.36	0.07	0.10
MAR 30	55.2	45.1	0.03	82.1	51.5	41.7	49.1	45.4	90.0	7.38	18.57	0.04	0.05
MAR 31	51.8	37.5	0.27	165.0	52.3	41.0	52.3	41.7	86.9	11.67	30.67	0.05	0.06
SUM.	53.5	29.2	2.32	275.3	48.1	35.7	45.9	37.8	70.3	8.9	22.9	0.1	0.1

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - APR 2008

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)					
APR 1	46.9	32.1	0.00	295.3	47.0	41.7	48.9	42.8	63.7	10.63	25.62	0.08	0.12
APR 2	59.7	31.1	0.01	449.2	53.9	40.0	52.1	41.9	58.5	8.73	20.73	0.12	0.16
APR 3	48.4	39.9	0.24	97.4	49.3	44.8	48.3	44.9	85.4	7.47	20.24	0.04	0.05
APR 4	59.7	35.6	0.00	453.4	53.9	43.2	53.7	42.9	71.9	5.85	22.46	0.10	0.12
APR 5	66.2	33.3	0.00	372.1	59.2	44.5	55.4	44.6	57.2	10.38	26.89	0.14	0.19
APR 6	68.4	46.3	0.00	410.2	59.9	48.6	59.4	48.5	43.4	12.05	24.69	0.19	0.28
APR 7	51.1	33.2	0.01	270.2	53.5	40.4	51.6	45.5	61.0	9.80	25.25	0.09	0.13
APR 8	45.0	32.8	0.81	142.8	47.7	40.2	47.7	41.9	92.6	9.74	24.74	0.03	0.04
APR 9	54.5	29.2	0.05	244.3	51.2	37.5	50.1	41.1	88.9	8.74	23.51	0.05	0.06
APR 10	61.2	39.6	0.24	110.4	53.2	45.7	53.2	47.5	90.1	12.93	38.05	0.04	0.06
APR 11	42.8	36.2	0.00	158.3	49.0	37.0	49.7	42.0	70.9	13.21	29.67	0.06	0.09
APR 12	51.3	33.1	0.00	314.3	47.4	37.1	45.6	38.4	64.0	14.47	29.42	0.10	0.14
APR 13	52.3	30.2	0.00	457.7	50.0	38.5	49.0	39.9	58.5	13.10	28.85	0.11	0.16
APR 14	61.5	27.1	0.00	412.7	55.6	36.5	54.6	36.4	52.6	5.26	12.93	0.12	0.15
APR 15	76.1	42.8	0.00	452.4	62.1	43.1	59.8	44.9	40.3	18.18	37.42	0.26	0.39
APR 16	75.9	57.6	0.00	449.5	65.5	51.6	62.5	51.7	48.0	16.10	35.79	0.25	0.37
APR 17	59.9	43.2	0.38	119.2	56.8	45.3	56.6	50.8	87.2	11.09	27.43	0.05	0.07
APR 18	47.5	41.1	0.03	183.6	48.9	41.7	51.4	46.1	90.9	11.19	23.73	0.04	0.05
APR 19	71.1	36.0	0.00	471.9	65.8	41.1	64.3	42.5	70.9	6.60	19.04	0.13	0.16
APR 20	79.3	48.8	0.00	538.7	69.1	50.4	65.0	51.2	60.4	13.96	28.61	0.21	0.29
APR 21	78.4	50.5	0.00	445.6	67.5	53.6	63.8	55.1	57.2	10.72	28.19	0.19	0.27
APR 22	74.1	46.5	0.00	467.8	66.5	56.3	63.4	56.4	61.7	7.21	20.89	0.16	0.21
APR 23	68.2	46.0	0.04	196.2	59.8	55.9	60.3	55.8	80.6	7.04	44.39	0.08	0.10
APR 24	71.8	59.4	0.04	235.1	67.4	57.0	67.8	56.8	85.3	12.14	34.45	0.09	0.12
APR 25	71.8	36.3	0.00	363.0	61.6	53.3	60.6	55.3	73.2	10.49	28.59	0.12	0.16
APR 26	61.7	33.1	0.21	421.2	61.7	49.5	61.6	49.6	73.1	6.18	22.64	0.10	0.13
APR 27	55.4	33.7	0.00	480.2	61.7	47.7	61.6	51.3	68.3	7.00	18.95	0.11	0.13
APR 28	56.1	37.6	0.00	514.5	61.6	41.6	61.5	43.1	55.0	5.91	18.37	0.13	0.16
APR 29	66.7	36.8	0.00	495.8	65.0	46.6	62.8	50.0	55.2	9.10	25.55	0.16	0.21
APR 30	80.8	45.1	0.00	417.7	65.9	49.7	62.3	54.2	50.9	13.68	33.33	0.22	0.33
SUM.	62.1	39.1	2.06	348.0	57.9	45.3	56.8	47.1	67.2	10.3	26.7	0.1	0.2

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - MAY 2008

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	76.6	54.1	0.01	519.6	67.5	58.9	67.4	58.7	55.1	15.03	31.92	0.23	0.33
MAY 2	59.2	39.8	0.00	413.8	62.1	55.2	62.5	55.6	68.2	12.67	26.84	0.12	0.16
MAY 3	61.2	35.3	0.00	583.8	64.3	51.7	61.7	53.3	57.4	10.20	23.75	0.15	0.20
MAY 4	72.1	34.4	0.00	559.1	68.1	51.5	66.8	51.7	59.3	6.07	23.42	0.16	0.20
MAY 5	74.1	43.3	0.01	322.1	71.8	51.0	70.3	56.5	63.5	6.25	19.28	0.13	0.17
MAY 6	72.1	54.3	0.05	233.0	64.0	57.8	63.9	57.9	80.2	7.64	24.05	0.09	0.12
MAY 7	69.1	57.3	0.14	154.6	63.5	59.8	63.5	59.8	81.7	5.30	16.22	0.07	0.09
MAY 8	77.4	49.1	0.08	385.0	70.6	57.3	70.2	56.3	69.0	8.45	32.28	0.15	0.19
MAY 9	67.3	51.3	0.44	200.4	66.8	61.4	66.7	61.8	89.5	7.04	17.88	0.07	0.08
MAY 10	61.2	44.8	0.15	157.7	61.4	56.4	62.3	56.8	91.0	12.31	35.55	0.05	0.06
MAY 11	64.6	39.8	0.00	548.6	66.5	43.2	66.4	46.8	60.0	10.55	25.41	0.16	0.21
MAY 12	77.2	38.3	0.00	519.2	68.3	47.7	66.4	55.0	55.3	13.68	26.02	0.21	0.29
MAY 13	68.2	50.6	0.00	234.8	63.2	59.1	63.1	59.1	65.4	9.46	22.19	0.12	0.17
MAY 14	70.0	43.4	0.00	414.0	74.8	50.6	71.2	51.2	66.3	5.02	15.57	0.13	0.16
MAY 15	72.7	47.3	0.00	508.3	75.4	54.0	72.4	54.7	57.3	6.50	25.30	0.17	0.22
MAY 16	78.1	47.6	0.00	518.2	74.2	61.1	71.0	61.9	53.5	7.58	20.67	0.20	0.26
MAY 17	86.9	52.0	0.00	530.2	79.5	56.3	76.0	58.9	43.6	6.75	25.17	0.24	0.32
MAY 18	82.9	44.7	0.00	567.0	78.5	53.8	74.8	60.1	48.1	5.60	16.02	0.21	0.27
MAY 19	86.7	53.9	0.00	556.9	79.0	61.1	77.3	64.7	45.2	10.25	28.08	0.27	0.38
MAY 20	76.1	50.5	0.00	525.4	77.5	65.5	77.3	65.5	48.4	10.21	20.31	0.22	0.31
MAY 21	78.8	45.1	0.01	451.0	71.1	63.9	69.5	65.2	58.2	8.52	24.03	0.18	0.24
MAY 22	76.8	56.1	0.11	262.0	70.9	63.6	68.5	64.3	81.0	13.05	21.67	0.11	0.15
MAY 23	80.1	61.2	0.21	321.3	70.6	64.8	68.5	64.9	81.2	11.95	25.97	0.13	0.17
MAY 24	78.4	59.5	0.50	234.4	76.9	64.3	75.2	64.3	86.2	9.29	22.59	0.09	0.12
MAY 25	90.1	61.1	0.61	395.2	83.4	64.0	83.3	67.5	76.3	9.03	34.31	0.17	0.21
MAY 26	78.3	64.0	2.41	300.0	76.9	63.1	74.9	68.6	84.4	8.39	23.67	0.11	0.14
MAY 27	76.3	59.2	0.02	254.7	76.6	62.8	76.6	64.8	86.4	6.89	16.73	0.09	0.11
MAY 28	69.8	56.0	0.00	196.1	70.1	62.2	70.2	64.5	81.3	6.22	15.19	0.08	0.10
MAY 29	82.8	63.2	0.01	443.3	79.0	67.9	77.5	68.2	79.2	12.79	32.43	0.17	0.21
MAY 30	90.3	62.9	0.01	529.2	88.7	70.8	85.1	70.2	70.2	8.24	22.12	0.21	0.27
MAY 31	88.0	59.9	0.00	415.5	83.1	63.9	83.7	64.7	68.5	5.87	18.97	0.17	0.21
SUM.	75.6	51.0	4.77	395.3	72.4	58.9	71.1	60.4	68.1	8.9	23.7	0.2	0.2

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - JUN 2008

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)					
JUN 1	86.9	59.8	0.00	474.0	83.9	68.8	83.9	69.5	70.9	4.62	19.35	0.17	0.21
JUN 2	83.5	61.2	2.23	258.5	79.9	62.9	80.2	68.3	89.0	10.77	37.94	0.10	0.12
JUN 3	89.1	69.2	0.00	551.1	87.5	72.2	85.5	72.4	68.3	8.40	29.82	0.23	0.29
JUN 4	91.8	71.6	0.00	495.4	86.2	74.7	83.9	74.9	74.3	10.68	21.25	0.21	0.27
JUN 5	86.5	62.7	4.38	305.1	80.7	72.3	80.9	71.5	80.2	16.09	40.49	0.15	0.20
JUN 6	81.3	58.6	0.00	671.2	82.9	61.5	79.4	64.6	66.3	7.82	26.69	0.22	0.27
JUN 7	90.0	72.2	0.00	556.9	82.6	74.0	82.5	74.0	70.4	17.00	34.49	0.26	0.35
JUN 8	86.5	67.6	0.18	413.7	82.7	69.0	79.4	71.2	78.3	9.47	29.44	0.17	0.21
JUN 9	80.1	59.8	0.07	560.1	80.0	65.7	79.9	68.4	73.2	6.25	24.05	0.18	0.22
JUN 10	84.0	56.4	0.08	550.2	82.5	69.4	82.4	70.7	68.4	11.00	34.09	0.21	0.27
JUN 11	89.2	65.1	1.32	398.7	82.8	71.8	80.8	72.2	73.3	14.26	28.14	0.20	0.27
JUN 12	80.4	62.6	0.18	416.1	79.9	65.9	79.5	66.6	87.3	6.50	23.89	0.13	0.15
JUN 13	82.8	59.3	0.00	661.9	86.8	68.5	85.0	72.1	70.3	5.84	17.11	0.21	0.25
JUN 14	89.1	54.8	0.00	534.8	87.6	66.9	84.6	68.3	65.4	6.05	14.43	0.20	0.25
JUN 15	83.7	68.1	0.00	581.2	82.0	69.5	81.9	70.3	78.2	7.10	21.72	0.20	0.23
JUN 16	74.1	58.8	0.00	493.8	80.8	72.8	79.4	73.0	68.3	6.63	16.94	0.17	0.21
JUN 17	80.8	54.6	0.00	517.4	82.0	69.3	79.3	70.7	73.0	5.54	16.31	0.17	0.20
JUN 18	82.6	62.9	0.50	409.3	83.5	71.8	81.0	72.8	76.4	4.32	16.71	0.15	0.17
JUN 19	84.7	61.4	1.62	332.4	82.3	73.5	81.7	72.6	81.8	6.61	29.35	0.13	0.15
JUN 20	86.9	59.5	0.01	651.5	84.8	70.3	84.7	70.4	76.6	5.85	17.83	0.21	0.24
JUN 21	86.2	59.2	0.02	596.2	86.9	74.0	85.9	74.0	65.2	4.61	16.13	0.21	0.25
JUN 22	87.3	59.3	0.07	668.1	88.4	73.8	87.1	73.8	68.2	6.22	17.00	0.23	0.27
JUN 24	86.5	71.8	0.09	431.0	87.2	72.1	84.5	72.6	78.3	6.67	20.20	0.17	0.20
JUN 25	92.3	72.2	0.00	654.2	85.7	75.0	83.1	75.7	68.2	6.55	16.80	0.25	0.31
JUN 26	92.7	66.1	1.16	477.5	88.7	78.1	86.2	78.4	74.2	7.55	25.41	0.20	0.24
JUN 27	88.3	64.7	0.04	550.5	86.1	73.2	85.4	74.4	76.3	7.81	30.96	0.20	0.24
JUN 28	82.9	63.2	0.01	523.2	83.6	74.4	83.5	75.2	70.3	5.68	22.57	0.19	0.22
JUN 29	82.4	58.4	0.00	678.9	83.9	69.0	82.1	70.3	63.9	6.25	18.95	0.23	0.27
JUN 30	83.3	56.2	0.00	563.7	84.3	68.8	83.5	70.1	65.4	3.40	12.55	0.19	0.21
SUM.	85.4	62.7	11.96	516.4	84.0	70.7	82.7	71.7	73.1	7.8	23.5	0.2	0.2

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - JUL 2008

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	91.9	57.2	0.00	666.7	92.9	71.3	92.5	71.7	68.3	7.00	19.40	0.24	0.29
JUL 2	91.8	70.5	0.24	441.7	92.9	71.7	92.3	74.0	65.2	6.44	28.88	0.20	0.26
JUL 3	77.2	61.7	0.04	466.3	81.6	72.7	81.4	73.9	73.2	5.80	17.11	0.16	0.19
JUL 4	81.3	57.8	0.00	611.5	84.9	71.6	81.9	73.1	80.2	5.54	15.66	0.18	0.21
JUL 5	82.8	62.0	0.19	393.3	83.7	72.7	82.1	73.6	80.3	6.10	23.00	0.14	0.17
JUL 6	95.5	73.5	0.00	552.7	92.7	73.3	88.2	73.7	68.2	7.34	18.39	0.24	0.30
JUL 7	96.6	75.6	0.00	481.0	92.8	77.7	90.1	77.8	60.5	7.68	20.71	0.25	0.32
JUL 8	82.6	68.1	0.56	139.7	84.6	75.1	84.1	75.2	90.7	4.62	16.57	0.06	0.07
JUL 9	84.7	66.7	0.00	345.8	84.7	71.4	83.0	73.9	85.5	4.10	13.87	0.12	0.14
JUL 10	89.4	64.7	0.00	599.1	85.1	76.1	85.0	76.1	78.2	6.69	19.62	0.21	0.24
JUL 11	94.8	75.3	0.00	533.2	89.2	77.5	87.7	77.6	75.3	7.80	23.91	0.22	0.27
JUL 12	81.0	57.8	0.39	365.3	80.1	73.2	80.4	74.9	85.0	4.55	15.93	0.12	0.14
JUL 13	86.2	51.8	0.00	589.2	87.5	69.8	85.4	69.8	75.2	4.96	14.79	0.19	0.22
JUL 14	89.1	59.0	0.00	671.7	87.0	72.6	86.5	72.7	60.3	4.92	16.33	0.24	0.28
JUL 15	97.3	62.4	0.00	605.4	95.9	68.2	95.8	69.2	70.3	6.14	15.44	0.24	0.28
JUL 16	90.7	68.6	0.00	571.3	83.8	75.6	83.7	75.7	70.3	5.82	18.28	0.22	0.26
JUL 17	94.5	72.5	0.00	478.9	86.4	77.3	86.3	77.3	68.3	6.20	15.35	0.21	0.26
JUL 18	84.7	68.8	2.17	425.7	84.2	77.0	84.2	77.0	86.2	5.55	15.79	0.15	0.16
JUL 19	91.4	69.6	0.00	446.0	88.4	77.5	87.8	77.5	73.3	5.42	16.10	0.18	0.22
JUL 20	97.3	73.8	0.00	597.2	93.6	78.4	90.6	79.1	64.0	5.88	13.87	0.25	0.31
JUL 21	98.8	72.1	0.00	606.3	95.9	80.1	93.3	80.1	61.0	4.85	14.02	0.25	0.31
JUL 22	93.4	65.6	0.11	568.0	92.0	78.0	90.2	78.6	68.2	6.03	16.22	0.22	0.27
JUL 23	92.7	71.7	0.00	548.9	90.2	77.4	89.5	79.9	73.2	6.76	19.89	0.22	0.26
JUL 24	98.4	72.5	0.00	638.7	95.0	74.5	91.1	82.3	65.4	5.60	23.33	0.26	0.31
JUL 25	90.3	74.0	0.00	497.9	91.1	77.8	87.9	80.3	75.4	6.16	20.07	0.20	0.23
JUL 26	89.6	70.2	0.01	477.2	90.4	77.0	90.2	77.9	84.3	5.82	19.62	0.17	0.19
JUL 27	99.1	68.4	0.00	459.2	96.5	79.0	91.7	80.2	73.3	5.65	19.62	0.20	0.24
JUL 28	80.1	69.3	1.15	337.8	84.5	78.2	85.0	78.3	80.4	5.62	23.17	0.13	0.15
JUL 29	74.1	70.4	0.21	194.4	79.3	76.9	79.2	77.0	92.7	5.78	14.81	0.07	0.08
JUL 30	82.8	67.4	0.01	470.5	84.1	72.8	81.1	75.1	85.4	4.00	10.34	0.15	0.17
JUL 31	90.9	64.7	0.00	505.2	90.5	72.7	86.7	73.3	85.5	3.26	14.95	0.17	0.18
SUM.	89.4	67.2	5.08	493.1	88.4	75.0	86.9	76.0	74.9	5.7	17.9	0.2	0.2

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - AUG 2008

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	90.0	68.1	0.01	531.8	87.1	75.8	85.3	76.4	70.2	3.50	9.76	0.19	0.22
AUG 2	101.7	75.3	0.00	525.7	95.8	80.0	93.5	80.0	76.2	3.93	14.86	0.22	0.24
AUG 3	100.6	72.9	0.00	615.3	95.7	80.4	93.9	81.0	59.2	4.68	17.47	0.26	0.31
AUG 4	102.7	75.6	0.00	474.2	94.4	81.5	92.6	82.0	55.6	5.05	15.79	0.24	0.30
AUG 5	91.0	73.5	0.00	441.6	92.7	82.6	89.7	82.7	71.2	7.19	16.69	0.19	0.24
AUG 6	82.4	70.4	0.03	358.9	85.7	73.5	85.6	76.0	85.3	5.59	13.36	0.13	0.15
AUG 7	83.1	61.6	0.02	298.9	84.3	79.2	85.1	79.2	74.3	4.10	15.57	0.12	0.15
AUG 8	88.3	53.9	0.00	422.1	87.3	72.8	87.3	74.4	70.4	3.19	13.13	0.15	0.17
AUG 9	72.5	64.5	3.33	86.9	81.5	73.7	81.3	74.6	89.2	4.64	11.12	0.05	0.06
AUG 10	82.9	66.3	0.00	463.5	86.7	74.5	85.2	74.6	81.3	6.24	15.17	0.16	0.18
AUG 11	84.4	64.6	0.00	330.7	85.1	73.5	83.4	75.4	81.3	5.52	13.49	0.13	0.15
AUG 12	84.7	63.1	0.01	535.8	87.3	74.4	85.4	75.3	72.5	3.72	12.84	0.18	0.20
AUG 13	91.8	60.9	0.00	590.3	89.5	72.3	87.6	73.4	74.4	4.17	15.12	0.20	0.23
AUG 14	81.5	62.8	0.02	328.7	81.7	76.6	81.6	77.0	82.2	4.62	16.45	0.12	0.14
AUG 16	81.0	61.1	0.00	484.9	83.2	73.6	83.1	73.6	73.2	4.72	13.98	0.16	0.19
AUG 17	79.7	55.5	0.00	354.4	83.3	71.0	83.2	72.6	78.3	4.70	14.32	0.12	0.14
AUG 18	81.9	56.0	0.00	411.8	84.2	73.7	84.1	73.8	78.2	4.33	14.32	0.14	0.16
AUG 19	83.7	57.0	0.00	436.9	83.5	70.6	83.4	72.1	76.3	4.46	12.44	0.15	0.17
AUG 21	82.4	62.5	0.00	342.5	84.8	75.8	83.8	75.9	80.2	5.77	15.42	0.13	0.15
AUG 22	93.2	69.4	0.00	441.3	87.0	72.2	85.2	73.7	75.3	5.71	18.39	0.18	0.21
AUG 23	84.7	65.2	1.17	457.1	86.2	75.9	85.9	75.9	76.4	6.54	31.70	0.16	0.20
AUG 24	79.2	59.0	0.01	352.8	81.6	72.1	80.9	73.9	76.3	4.75	16.13	0.12	0.15
AUG 25	79.3	55.7	0.00	542.6	81.2	69.9	81.1	70.0	73.3	4.54	15.46	0.16	0.19
AUG 26	78.8	55.5	0.00	393.7	79.7	70.7	79.6	70.8	79.2	2.88	9.13	0.12	0.13
AUG 27	91.2	61.6	0.00	424.3	83.4	72.7	81.1	73.9	76.3	5.34	12.46	0.16	0.19
AUG 28	93.4	68.8	0.00	523.0	89.2	77.2	86.3	77.6	65.8	6.88	21.01	0.22	0.27
AUG 29	86.5	54.0	0.00	528.6	86.2	75.9	85.4	76.2	58.8	5.09	18.88	0.19	0.24
AUG 30	86.5	52.4	0.00	458.5	86.6	73.5	84.9	73.6	72.4	5.52	16.75	0.16	0.19
AUG 31	90.1	65.4	0.00	568.4	87.7	74.6	85.8	76.4	70.2	7.05	21.03	0.21	0.26
SUM.	86.5	63.2	4.60	438.8	86.3	74.8	85.2	75.6	74.3	5.0	15.6	0.2	0.2

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - SEP 2008

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	89.8	64.7	0.00	524.0	86.2	77.1	84.0	78.2	74.8	5.01	12.87	0.18	0.21
SEP 2	83.1	63.1	0.00	255.6	81.9	76.6	81.9	76.7	75.3	5.84	20.71	0.11	0.15
SEP 3	64.6	54.0	0.05	131.2	76.6	69.6	78.1	69.7	78.1	8.87	17.52	0.08	0.10
SEP 4	76.5	50.3	0.03	388.4	75.7	68.3	74.4	70.1	84.4	5.28	11.92	0.11	0.12
SEP 5	70.9	48.2	0.05	160.7	71.7	65.0	71.7	65.0	90.1	1.83	7.16	0.05	0.06
SEP 6	63.1	49.9	0.11	155.4	69.0	65.0	69.6	65.0	90.3	3.87	12.03	0.05	0.06
SEP 7	74.3	57.1	0.02	195.8	74.1	66.3	72.6	67.6	84.7	2.53	8.17	0.07	0.08
SEP 8	62.8	52.4	0.60	134.2	72.0	63.1	73.0	64.8	90.2	7.02	21.67	0.05	0.06
SEP 9	72.1	45.4	0.00	484.3	72.2	63.0	72.0	63.0	76.3	5.97	17.20	0.12	0.15
SEP 10	72.1	59.8	0.01	155.1	71.8	63.1	70.4	63.1	84.3	4.09	15.70	0.06	0.08
SEP 11	75.7	67.9	1.21	84.2	75.2	69.2	74.9	69.2	88.2	4.72	18.48	0.05	0.06
SEP 11	75.7	67.9	1.21	84.2	75.2	69.2	74.9	69.2	88.2	4.72	18.48	0.05	0.06
SEP 12	74.7	67.0	3.36	85.6	71.5	65.9	71.5	66.3	94.4	4.56	14.70	0.04	0.05
SEP 13	81.5	64.9	0.37	216.9	78.1	68.7	77.1	69.1	85.4	4.34	17.34	0.08	0.10
SEP 14	68.4	46.7	0.00	426.5	71.9	65.7	72.4	67.9	71.5	8.75	19.06	0.12	0.16
SEP 15	74.1	42.9	0.00	508.8	75.8	60.4	72.0	60.8	69.2	4.30	13.92	0.13	0.16
SEP 16	81.3	45.0	0.00	492.3	77.4	62.6	76.2	62.7	68.9	5.05	17.09	0.15	0.18
SEP 17	81.5	50.0	0.00	484.2	80.3	59.1	77.8	61.1	69.0	4.52	17.38	0.14	0.17
SEP 18	79.2	47.2	0.00	436.3	81.4	59.6	77.6	60.8	75.3	4.66	16.29	0.12	0.15
SEP 19	77.9	50.4	0.00	373.3	76.0	61.7	75.0	63.2	80.4	4.15	13.49	0.11	0.12
SEP 20	80.8	51.2	0.00	414.9	82.0	61.1	79.4	63.1	80.3	4.53	15.42	0.12	0.14
SEP 21	81.0	54.0	0.00	258.3	75.7	64.4	74.4	65.7	73.2	6.11	17.94	0.11	0.14
SEP 22	82.9	63.1	0.00	371.2	80.1	66.6	78.7	68.5	68.2	8.65	22.08	0.16	0.21
SEP 23	84.7	64.5	0.00	491.3	74.8	69.0	74.7	69.0	70.2	5.61	19.40	0.16	0.20
SEP 24	83.3	63.3	0.00	358.6	82.7	62.4	81.6	65.4	78.6	4.24	15.48	0.12	0.14
SEP 25	82.9	59.0	0.00	469.2	76.7	68.5	76.7	68.6	72.2	5.77	16.69	0.15	0.18
SEP 26	84.9	54.2	0.00	552.3	83.0	66.3	77.9	67.7	67.3	5.31	19.80	0.17	0.20
SEP 27	89.6	56.8	0.00	421.8	78.5	68.1	76.7	68.2	68.4	5.10	17.52	0.15	0.19
SEP 28	88.7	56.3	0.00	388.6	83.9	65.6	82.3	66.7	74.6	4.91	13.83	0.13	0.16
SEP 29	74.1	44.8	0.00	437.6	75.4	67.2	75.3	67.5	68.2	6.20	21.41	0.12	0.16
SEP 30	77.2	38.8	0.00	406.7	78.1	59.7	76.7	65.8	65.4	5.35	17.76	0.12	0.16
SUM.	77.7	54.9	7.02	333.8	76.9	65.7	75.9	66.8	77.6	5.2	16.4	0.1	0.1

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - OCT 2008

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	72.0	42.8	0.00	508.7	72.1	59.6	71.7	63.1	65.0	6.01	19.21	0.13	0.16
OCT 2	73.6	36.7	0.00	486.7	71.7	60.0	70.4	60.0	67.4	3.29	15.10	0.11	0.13
OCT 3	77.4	41.8	0.00	453.0	75.1	59.1	72.1	59.9	65.3	4.92	12.91	0.12	0.16
OCT 4	81.1	51.8	0.00	405.6	78.1	61.3	76.8	62.9	65.2	6.78	20.20	0.14	0.19
OCT 5	81.1	61.8	0.00	282.5	74.9	64.4	74.6	65.2	63.3	10.04	23.04	0.15	0.22
OCT 6	68.4	59.1	0.06	99.0	69.0	59.3	68.9	60.7	85.2	6.25	14.27	0.05	0.07
OCT 7	68.7	41.2	0.03	317.2	69.7	53.7	69.6	59.5	74.0	8.62	27.33	0.09	0.13
OCT 8	79.3	37.9	0.00	465.3	74.3	56.8	71.8	58.6	65.7	4.64	16.62	0.12	0.15
OCT 9	79.3	46.7	0.00	434.6	73.9	54.4	70.8	61.6	63.3	6.44	21.59	0.13	0.18
OCT 10	79.0	53.8	0.00	482.0	75.0	58.0	72.4	62.9	65.4	7.45	21.07	0.15	0.19
OCT 11	82.6	58.8	0.00	401.9	69.9	63.0	68.7	64.0	73.0	7.30	14.39	0.13	0.17
OCT 12	79.3	64.9	0.00	166.3	70.3	65.9	70.3	66.0	70.3	8.22	16.71	0.11	0.16
OCT 13	68.2	48.8	0.74	93.5	67.4	62.9	68.0	64.1	91.5	5.97	13.22	0.04	0.05
OCT 14	52.2	47.8	0.36	71.3	62.9	57.1	62.9	58.2	92.1	3.73	15.17	0.03	0.03
OCT 15	60.8	37.9	0.37	142.6	63.4	54.1	62.9	58.2	82.3	5.26	18.59	0.05	0.06
OCT 16	62.6	32.5	0.00	313.2	62.7	50.9	62.7	54.5	68.3	2.92	15.39	0.07	0.08
OCT 17	71.4	37.0	0.01	296.2	66.2	53.7	65.3	55.4	68.3	6.21	17.69	0.09	0.12
OCT 18	66.9	39.6	0.00	413.2	62.2	52.8	62.2	53.0	80.0	4.88	11.95	0.08	0.09
OCT 19	77.5	51.4	0.00	363.7	66.5	56.7	65.6	56.7	61.9	8.87	26.24	0.14	0.20
OCT 20	64.8	45.3	0.00	354.7	63.5	53.7	62.5	55.0	74.2	7.18	24.36	0.08	0.11
OCT 21	57.2	46.5	0.15	98.3	58.6	57.1	58.4	57.2	83.0	8.73	15.89	0.05	0.07
OCT 22	63.3	38.0	0.25	94.5	58.3	54.7	58.7	54.8	86.2	9.78	27.02	0.04	0.06
OCT 23	45.0	39.7	0.06	98.8	54.7	52.7	56.5	52.8	84.3	9.64	24.22	0.04	0.05
OCT 24	53.6	33.7	0.03	230.0	54.5	49.4	55.0	51.4	81.5	6.14	19.84	0.05	0.06
OCT 25	72.0	33.6	0.00	336.1	60.7	49.2	60.0	51.3	73.2	6.31	23.54	0.08	0.11
OCT 26	59.5	30.5	0.00	371.4	58.6	48.6	58.0	50.6	47.4	11.49	29.93	0.12	0.18
OCT 27	48.0	25.2	0.00	358.2	52.9	47.3	52.9	47.4	54.3	6.76	24.16	0.07	0.10
OCT 28	58.3	22.2	0.00	332.3	53.0	44.3	53.0	44.4	60.9	2.09	8.43	0.05	0.07
OCT 29	66.7	29.3	0.00	382.3	62.3	40.0	59.3	42.2	64.0	4.14	15.57	0.08	0.10
OCT 30	77.9	36.1	0.00	365.3	59.8	44.9	58.8	50.0	62.1	8.07	16.31	0.12	0.17
OCT 31	77.4	43.2	0.00	319.9	67.3	47.2	62.0	51.7	72.3	4.93	17.20	0.08	0.11
SUM.	68.6	42.4	2.06	307.7	65.5	54.6	64.6	56.6	71.3	6.6	18.9	0.1	0.1

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - NOV 2008

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	73.6	34.7	0.00	367.2	60.2	52.2	60.2	52.3	77.5	3.44	13.33	0.07	0.09
NOV 2	78.4	38.2	0.00	348.5	66.9	52.6	65.8	53.9	70.2	8.55	23.33	0.10	0.15
NOV 3	79.2	59.1	0.00	301.6	61.6	56.5	60.4	56.9	65.1	13.05	23.60	0.15	0.22
NOV 4	77.2	58.3	0.00	274.9	67.1	57.5	64.7	57.5	53.3	17.62	35.52	0.20	0.31
NOV 5	73.2	51.7	0.31	195.3	63.0	58.3	64.2	58.4	74.2	22.93	38.21	0.12	0.18
NOV 6	50.2	37.8	0.02	155.5	58.3	46.6	57.8	49.1	63.3	11.25	29.24	0.07	0.11
NOV 7	46.6	32.3	0.00	192.4	52.2	45.6	52.7	47.8	56.4	10.31	25.34	0.07	0.11
NOV 8	37.4	28.7	0.00	113.2	47.4	45.3	49.6	45.5	65.2	11.47	23.73	0.05	0.08
NOV 9	41.4	21.0	0.00	307.9	48.3	42.3	48.3	42.3	69.3	2.82	9.10	0.03	0.04
NOV 11	52.0	42.8	0.32	89.6	49.2	44.7	49.5	45.6	90.2	7.34	15.14	0.03	0.04
NOV 12	52.5	33.1	0.00	289.6	52.1	46.9	52.1	47.0	80.9	5.88	14.36	0.04	0.05
NOV 13	60.8	44.4	0.01	160.4	54.6	45.2	54.5	47.0	73.3	6.57	26.22	0.06	0.08
NOV 14	52.3	37.7	0.02	147.4	50.6	47.1	50.9	48.7	75.7	11.15	26.56	0.05	0.08
NOV 15	42.8	25.0	0.00	144.0	47.1	41.6	48.7	44.0	69.4	10.21	25.08	0.05	0.07
NOV 16	61.0	26.2	0.00	284.7	51.1	40.2	50.7	42.4	65.0	5.51	19.02	0.06	0.09
NOV 17	45.1	28.9	0.00	256.7	47.1	42.9	47.2	43.1	73.2	6.69	18.09	0.04	0.06
NOV 18	48.2	24.7	0.00	309.0	48.7	37.7	47.2	41.4	63.4	6.84	24.20	0.05	0.08
NOV 19	68.5	31.1	0.00	294.7	49.2	40.9	49.2	41.0	65.4	5.67	17.83	0.07	0.10
NOV 20	41.7	21.9	0.00	212.6	45.4	38.2	44.8	40.6	62.2	14.80	26.15	0.06	0.09
NOV 21	37.6	14.1	0.00	299.4	40.6	35.3	40.6	37.1	68.4	7.19	20.11	0.03	0.05
NOV 22	53.8	24.3	0.00	287.2	45.0	35.2	43.4	37.0	56.5	6.72	24.27	0.06	0.09
NOV 23	55.6	26.0	0.00	245.1	44.6	37.7	44.6	37.7	73.6	7.21	20.38	0.05	0.07
NOV 24	52.5	27.1	0.00	278.4	47.9	37.8	45.9	39.4	62.7	6.67	19.89	0.05	0.08
NOV 25	56.1	21.1	0.00	226.6	45.8	37.4	45.3	37.4	65.3	5.27	16.51	0.05	0.07
NOV 26	59.4	20.8	0.00	234.1	45.0	37.9	44.1	39.8	69.3	4.47	16.38	0.04	0.06
NOV 27	50.5	22.5	0.00	204.2	44.8	36.0	44.7	39.7	67.4	6.11	23.98	0.04	0.07
NOV 28	39.2	32.4	0.10	89.0	42.0	38.9	42.5	38.9	86.2	3.80	13.51	0.02	0.03
NOV 29	37.6	32.6	0.05	121.2	42.0	40.7	42.5	40.7	90.0	6.47	22.44	0.02	0.03
NOV 30	38.5	29.7	0.02	148.9	40.7	39.0	41.8	39.0	80.6	13.90	26.77	0.03	0.05
SUM.	53.9	32.0	0.85	226.9	50.3	43.4	50.1	44.5	70.1	8.6	22.0	0.1	0.1

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - DEC 2008

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	37.8	20.3	0.00	107.6	42.2	34.9	42.6	35.0	71.2	8.78	23.80	0.04	0.05
DEC 2	54.0	21.0	0.00	240.0	41.3	33.7	41.3	35.4	58.2	8.31	25.23	0.06	0.10
DEC 3	45.3	16.6	0.00	137.2	41.5	35.6	40.6	33.9	63.3	11.47	32.90	0.05	0.08
DEC 4	29.7	14.1	0.00	157.3	35.6	32.5	37.5	34.2	67.4	6.22	17.60	0.03	0.04
DEC 5	36.7	10.0	0.00	190.6	36.3	28.7	36.0	29.0	61.2	8.02	23.75	0.04	0.06
DEC 6	47.1	28.0	0.00	140.4	42.3	34.1	40.3	34.2	60.3	7.84	26.00	0.05	0.09
DEC 7	51.3	24.7	0.00	179.4	37.9	34.4	38.4	34.0	54.4	7.22	17.76	0.06	0.10
DEC 8	59.2	35.7	0.00	52.0	43.0	35.9	42.6	36.5	68.2	11.46	28.36	0.07	0.11
DEC 9	35.4	15.6	0.01	74.9	42.7	33.8	42.6	35.5	79.8	15.59	25.93	0.03	0.04
DEC 10	32.9	11.8	0.00	109.0	36.3	29.5	37.3	34.2	74.2	2.42	12.59	0.02	0.02
DEC 11	52.0	17.2	0.00	192.4	41.2	30.3	37.5	35.1	76.3	4.28	14.07	0.03	0.04
DEC 12	46.6	19.7	0.00	206.4	39.1	33.0	38.8	34.3	72.3	7.49	26.33	0.04	0.06
DEC 13	59.5	44.7	0.00	199.7	43.8	37.8	43.8	38.3	53.4	25.50	41.43	0.15	0.24
DEC 14	55.4	4.7	0.00	125.4	44.7	35.2	44.1	37.4	70.1	16.87	25.46	0.06	0.10
DEC 15	12.2	0.8	0.00	135.2	33.4	29.7	33.8	32.4	50.3	7.35	23.56	0.02	0.04
DEC 16	14.9	-0.5	0.11	80.2	31.4	30.0	32.4	30.5	87.3	4.68	17.65	0.01	0.01
DEC 17	20.8	-6.1	0.00	92.9	32.4	34.1	33.6	33.5	88.3	2.94	12.71	0.01	0.01
DEC 18	35.4	17.7	0.04	109.4	32.6	31.6	33.6	32.5	89.3	6.66	18.99	0.02	0.02
DEC 19	39.6	16.9	0.00	156.2	32.8	32.5	33.7	33.5	82.4	8.49	24.18	0.02	0.03
DEC 20	22.3	0.6	0.00	168.0	32.8	31.4	33.8	33.6	78.4	10.98	29.75	0.02	0.03
DEC 21	12.2	-6.0	0.00	229.6	32.7	30.2	33.6	33.0	64.0	6.52	24.59	0.02	0.02
DEC 22	22.8	-6.2	0.00	113.8	32.0	31.6	33.1	32.5	70.2	8.32	18.37	0.02	0.03
DEC 23	34.3	20.4	0.00	77.4	32.8	31.5	32.6	32.5	78.3	9.26	27.27	0.03	0.04
DEC 24	26.1	8.4	0.00	226.9	31.8	31.7	32.6	32.5	75.3	7.82	21.27	0.02	0.03
DEC 25	46.9	11.5	0.00	134.4	34.0	31.3	32.6	32.3	73.2	9.04	28.59	0.04	0.06
DEC 26	68.2	47.8	0.11	157.1	42.2	31.7	40.4	32.4	81.3	13.04	30.14	0.06	0.09
DEC 27	55.8	21.5	0.55	87.1	41.7	32.4	41.6	33.4	82.3	7.79	28.12	0.03	0.05
DEC 28	51.4	18.9	0.00	223.7	39.9	30.7	37.8	32.4	73.3	6.26	19.37	0.04	0.05
DEC 29	56.3	28.1	0.00	185.0	41.3	30.6	40.0	32.5	70.3	4.84	19.49	0.04	0.06
DEC 30	54.1	26.2	0.00	224.3	42.1	31.0	38.3	32.3	61.5	6.59	21.27	0.05	0.08
DEC 31	32.9	17.5	0.00	128.6	35.6	28.9	36.8	29.7	68.2	7.48	19.68	0.03	0.05
SUM.	40.3	16.2	0.82	149.7	37.7	32.3	37.5	33.5	71.1	8.7	23.4	0.0	0.1

DATA OBTAINED FROM AUTOMATIC RECORDING STATION