

MONTHLY WEATHER INFORMATION -- Manhattan, KS - JAN 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)			2 INCH MAX (F)	2 INCH MIN (F)	4 INCH MAX (F)	4 INCH MIN (F)					
JAN 1	44.8	27.9	0.00	209.6	33.3	34.7	34.3	33.8	63.1	5.56	16.29	0.04	0.06
JAN 2	53.4	21.8	0.00	233.9	39.9	31.1	37.6	33.7	78.3	6.06	19.21	0.03	0.05
JAN 3	50.2	18.7	0.01	118.4	40.5	32.0	39.1	32.8	85.5	9.23	28.95	0.03	0.04
JAN 4	26.1	12.5	0.00	111.4	33.4	29.2	34.8	32.1	60.4	11.05	30.02	0.04	0.06
JAN 5	36.5	15.8	0.00	211.8	34.8	32.7	34.0	33.5	56.2	5.79	19.04	0.04	0.06
JAN 6	37.8	12.6	0.00	175.3	34.5	29.7	33.6	30.7	70.2	5.80	14.07	0.03	0.04
JAN 7	43.5	21.4	0.00	186.0	32.6	29.7	33.4	30.8	68.3	5.17	20.07	0.03	0.05
JAN 8	46.8	18.8	0.00	248.3	34.4	29.7	33.3	33.2	69.3	6.99	15.86	0.04	0.06
JAN 9	55.6	22.8	0.00	194.7	43.0	29.7	39.9	32.5	63.1	12.04	35.77	0.07	0.11
JAN 10	31.6	17.0	0.00	151.2	33.5	29.6	34.3	30.6	69.2	8.68	20.24	0.03	0.05
JAN 11	51.4	19.3	0.00	135.8	38.0	31.6	35.2	33.1	68.2	6.38	19.28	0.04	0.07
JAN 12	50.5	11.4	0.00	139.2	41.6	27.9	34.4	33.2	63.2	12.86	41.99	0.06	0.10
JAN 13	40.3	6.6	0.00	168.6	34.5	26.4	33.5	31.1	48.6	9.75	25.84	0.06	0.09
JAN 14	43.7	5.8	0.00	146.3	35.9	30.2	34.8	31.3	51.3	13.17	34.61	0.06	0.10
JAN 15	15.4	-0.1	0.00	122.0	30.2	28.4	31.2	30.1	53.4	7.10	16.75	0.02	0.04
JAN 16	34.3	11.5	0.00	187.6	31.1	26.1	31.8	30.0	68.2	7.77	16.87	0.03	0.05
JAN 17	53.8	18.8	0.00	253.3	35.9	30.5	33.8	31.7	68.2	4.71	17.74	0.04	0.06
JAN 18	55.4	29.2	0.00	199.2	37.7	29.8	35.6	31.9	58.0	8.69	26.06	0.07	0.11
JAN 19	51.4	27.1	0.00	142.4	35.8	31.7	33.8	32.0	63.8	11.62	21.81	0.07	0.10
JAN 20	38.3	20.9	0.00	186.2	34.0	29.9	32.1	32.0	67.2	7.12	23.64	0.04	0.06
JAN 21	52.5	19.4	0.00	245.9	34.0	31.7	32.2	32.1	68.2	5.75	11.03	0.05	0.07
JAN 22	63.5	19.4	0.00	132.5	43.0	28.1	35.9	31.8	57.3	3.25	16.15	0.05	0.07
JAN 23	36.0	14.9	0.01	134.1	33.3	31.7	32.4	31.8	65.5	14.05	30.65	0.04	0.07
JAN 24	20.8	5.5	0.00	199.4	31.8	31.7	32.4	32.3	51.4	8.66	22.44	0.03	0.05
JAN 25	22.6	15.4	0.00	143.2	32.2	31.2	32.4	31.9	63.3	9.39	18.65	0.03	0.05
JAN 26	17.6	13.6	0.00	86.0	31.2	30.0	31.8	30.0	73.3	9.18	18.01	0.02	0.03
JAN 27	18.9	3.5	0.00	130.3	30.0	24.9	31.7	26.9	74.2	7.22	16.22	0.02	0.03
JAN 28	42.8	0.9	0.00	214.5	32.7	27.0	31.6	29.3	65.9	5.00	19.28	0.04	0.05
JAN 29	45.3	17.3	0.00	285.2	34.3	29.3	31.7	29.3	60.3	7.11	25.06	0.05	0.08
JAN 30	52.7	18.9	0.00	188.5	36.0	30.2	34.0	31.1	62.3	5.47	21.50	0.05	0.08
JAN 31	72.5	21.0	0.00	279.4	35.9	31.2	33.9	31.2	44.7	8.35	32.90	0.12	0.19
SUM.	42.1	15.8	0.02	179.4	35.1	29.9	33.9	31.5	63.9	8.0	22.5	0.0	0.1

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - FEB 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)			2 INCH MAX (F)	2 INCH MIN (F)	4 INCH MAX (F)	4 INCH MIN (F)					
FEB 1	45.0	20.6	0.00	212.2	34.0	31.7	32.0	31.8	50.3	8.99	24.07	0.07	0.11
FEB 2	46.9	13.5	0.00	201.0	34.0	31.7	32.0	31.7	58.2	5.61	24.67	0.05	0.07
FEB 3	27.5	8.5	0.00	219.3	32.2	31.6	32.0	31.9	51.7	6.65	17.16	0.04	0.06
FEB 4	38.3	6.3	0.00	305.2	32.3	29.2	32.0	30.9	56.6	6.52	22.42	0.05	0.07
FEB 5	66.9	19.0	0.00	326.8	34.1	30.1	33.9	31.2	51.3	8.16	20.04	0.10	0.16
FEB 6	71.8	23.3	0.00	184.6	36.2	31.6	35.6	31.8	68.4	12.29	33.69	0.09	0.14
FEB 7	68.5	27.6	0.00	209.7	40.1	31.8	38.2	31.7	65.5	6.91	21.27	0.08	0.11
FEB 8	54.5	32.2	0.00	120.1	40.9	32.8	40.0	33.2	68.2	9.27	27.09	0.06	0.09
FEB 9	65.5	50.5	0.12	296.3	48.6	35.0	46.5	36.4	59.2	19.64	41.16	0.15	0.23
FEB 10	71.8	35.1	0.03	249.6	47.3	39.7	47.3	39.6	52.2	9.55	26.17	0.12	0.19
FEB 11	52.3	28.2	0.37	271.9	45.0	35.4	44.3	38.5	73.5	8.23	29.98	0.06	0.08
FEB 12	52.7	24.1	0.00	186.8	45.7	32.5	42.1	35.6	60.7	6.46	18.93	0.06	0.09
FEB 13	43.7	22.4	0.00	124.7	40.8	31.6	39.4	33.2	64.7	11.86	31.05	0.06	0.09
FEB 14	36.9	15.3	0.00	284.6	38.8	33.8	37.9	35.0	67.4	7.87	14.92	0.04	0.06
FEB 15	41.5	17.4	0.00	357.0	38.7	28.9	38.5	32.6	59.7	5.62	17.31	0.05	0.07
FEB 16	48.4	18.1	0.00	331.2	36.8	33.1	36.4	34.1	63.6	8.52	24.01	0.06	0.09
FEB 17	70.5	39.0	0.00	317.4	43.6	32.9	42.1	33.6	58.3	14.60	28.25	0.14	0.21
FEB 18	42.1	20.5	0.00	193.8	42.2	33.5	42.1	35.0	68.3	11.37	21.43	0.05	0.08
FEB 19	44.6	12.3	0.00	364.7	39.6	28.7	39.1	29.2	60.1	6.52	19.46	0.06	0.08
FEB 20	64.9	18.6	0.00	356.2	43.4	30.7	41.7	32.6	52.4	9.48	37.27	0.11	0.17
FEB 21	36.1	15.7	0.00	422.5	38.5	32.4	39.0	33.7	48.3	10.50	32.26	0.07	0.10
FEB 22	41.4	11.7	0.00	334.1	37.5	29.2	36.9	29.9	51.3	3.93	9.06	0.05	0.07
FEB 23	54.1	22.4	0.00	321.2	39.4	30.9	39.2	32.3	43.2	9.66	16.31	0.10	0.16
FEB 24	62.2	32.5	0.00	408.1	50.9	32.8	48.6	33.7	50.2	7.07	18.23	0.11	0.16
FEB 25	70.0	34.2	0.00	305.7	52.4	34.4	51.2	36.8	60.2	6.18	19.82	0.10	0.14
FEB 26	63.7	18.7	0.00	244.2	50.3	40.0	47.2	40.0	75.2	12.41	29.98	0.07	0.11
FEB 27	32.9	17.0	0.00	224.6	41.7	32.5	41.5	35.9	67.2	10.17	24.99	0.04	0.06
FEB 28	24.1	10.3	0.10	168.9	36.7	34.2	37.9	35.4	79.4	13.40	23.17	0.02	0.03
SUM.	51.4	22.0	0.62	269.4	40.8	32.6	39.8	33.8	60.2	9.2	24.1	0.1	0.1

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - MAR 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)			2 INCH MAX (F)	2 INCH MIN (F)	4 INCH MAX (F)	4 INCH MIN (F)					
MAR 1	27.1	9.7	0.00	267.6	34.6	28.9	35.4	32.6	68.3	5.47	17.29	0.03	0.04
MAR 2	40.5	9.8	0.00	254.4	36.9	31.4	34.4	33.6	63.4	7.60	23.26	0.05	0.07
MAR 3	53.6	27.9	0.00	301.0	40.8	30.8	38.2	31.1	45.2	7.39	16.91	0.10	0.14
MAR 4	68.5	30.3	0.00	345.2	53.5	32.3	47.7	33.2	50.3	10.88	27.92	0.14	0.21
MAR 5	86.4	54.4	0.00	321.2	52.1	43.1	52.0	42.2	45.5	10.60	29.73	0.21	0.32
MAR 6	72.0	41.6	0.00	328.1	52.4	44.9	52.2	45.0	37.2	7.62	28.66	0.16	0.24
MAR 7	66.6	37.6	0.26	189.4	54.6	42.0	53.0	41.5	73.4	10.21	30.94	0.08	0.12
MAR 8	52.3	35.0	0.39	400.2	51.0	40.6	51.2	41.4	77.3	8.91	26.53	0.07	0.09
MAR 9	63.9	37.4	0.01	154.1	47.2	41.9	47.2	41.9	80.2	8.39	19.91	0.06	0.08
MAR 10	45.0	22.3	0.00	309.9	47.3	38.0	47.3	38.3	77.3	8.54	24.54	0.05	0.07
MAR 11	32.4	13.5	0.00	365.4	39.7	33.5	40.1	33.6	62.1	9.47	19.44	0.05	0.07
MAR 12	44.6	16.9	0.00	279.1	42.4	32.8	41.7	34.3	63.6	8.43	19.49	0.06	0.09
MAR 13	46.9	29.7	0.00	276.3	46.7	33.4	46.5	34.3	71.3	5.51	14.27	0.06	0.08
MAR 14	55.9	24.9	0.00	234.0	51.5	34.4	49.5	35.6	65.3	3.72	14.99	0.06	0.08
MAR 16	76.5	28.0	0.00	422.6	65.2	38.7	60.9	41.3	72.8	7.19	16.17	0.12	0.15
MAR 17	79.2	42.8	0.00	455.1	56.5	46.0	53.6	46.5	62.0	6.46	15.61	0.15	0.19
MAR 18	59.5	42.0	0.00	280.2	55.0	43.0	53.2	44.0	57.5	9.33	25.90	0.11	0.16
MAR 19	63.3	33.7	0.00	338.4	57.2	39.7	55.5	42.8	46.3	7.15	24.76	0.12	0.18
MAR 20	61.3	39.3	0.00	283.9	54.5	41.5	52.9	43.1	43.2	8.62	26.62	0.13	0.20
MAR 22	72.1	48.4	0.00	410.2	56.5	49.0	55.0	49.1	58.2	13.68	35.05	0.17	0.25
MAR 23	72.1	53.2	2.16	161.9	63.2	53.4	62.9	52.8	62.4	24.03	56.37	0.17	0.27
MAR 24	51.6	35.0	0.00	474.3	53.8	47.2	54.1	48.9	66.1	7.60	17.13	0.10	0.12
MAR 25	52.3	32.0	0.01	246.8	50.6	40.2	50.7	42.0	56.1	5.61	13.76	0.08	0.11
MAR 26	58.1	29.7	0.00	217.7	52.9	41.4	52.1	42.8	72.1	9.22	31.29	0.07	0.10
MAR 28	40.6	26.2	0.33	251.4	41.4	38.1	41.2	38.2	82.5	10.75	27.94	0.04	0.06
MAR 29	50.5	21.6	0.00	425.1	48.4	36.5	46.9	38.1	65.4	5.17	17.62	0.08	0.10
MAR 30	67.6	42.6	0.00	438.4	50.9	42.5	49.2	43.1	62.6	15.79	30.98	0.15	0.22
MAR 31	48.7	31.2	0.00	308.2	48.0	41.7	46.4	43.4	55.8	10.27	25.53	0.09	0.14
SUM.	57.5	32.0	3.16	312.1	50.2	39.5	49.0	40.5	62.3	9.1	24.2	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)			2 INCH MAX (F)	2 INCH MIN (F)	4 INCH MAX (F)	4 INCH MIN (F)					
APR 1	61.5	24.1	0.01	356.7	46.8	37.1	46.8	40.7	60.2	6.75	23.31	0.10	0.14
APR 2	50.5	29.7	0.13	213.1	44.7	41.2	45.1	42.7	68.2	11.95	34.07	0.07	0.11
APR 3	59.4	27.2	0.00	304.4	49.1	38.6	47.3	40.2	63.8	10.99	27.61	0.10	0.14
APR 4	75.4	44.6	0.00	277.6	50.9	43.6	51.1	43.6	56.1	18.68	36.93	0.19	0.29
APR 5	46.6	31.4	0.02	129.4	47.7	37.2	48.1	38.9	77.8	17.88	33.49	0.05	0.08
APR 6	46.0	26.4	0.00	452.6	47.3	38.2	46.9	38.2	55.5	14.39	28.52	0.10	0.15
APR 7	63.9	20.9	0.00	495.2	55.0	37.2	50.2	39.0	52.5	6.69	22.48	0.13	0.17
APR 8	65.1	29.7	0.00	312.4	59.7	41.5	56.6	42.5	51.0	6.07	18.23	0.12	0.16
APR 10	56.5	33.0	0.27	339.2	59.9	43.9	54.9	44.8	63.2	11.40	33.98	0.10	0.15
APR 11	63.9	31.0	0.00	606.3	53.6	43.5	51.6	44.7	66.3	5.45	13.27	0.13	0.16
APR 12	50.9	37.7	0.56	101.8	49.8	44.2	50.1	45.1	82.3	10.10	24.22	0.05	0.07
APR 13	49.1	34.6	0.21	205.8	50.4	44.5	50.5	44.7	88.3	8.85	16.24	0.05	0.06
APR 14	62.6	29.3	0.00	415.7	58.1	42.6	57.6	42.6	75.4	6.10	19.98	0.10	0.12
APR 15	69.1	46.5	0.00	386.6	60.1	44.4	57.8	48.1	63.3	12.40	23.62	0.15	0.21
APR 16	68.2	51.9	0.00	307.5	64.8	50.8	65.1	50.9	65.5	12.38	25.88	0.14	0.20
APR 17	65.8	50.5	0.00	310.1	58.6	49.3	58.5	49.6	68.1	9.99	21.70	0.12	0.17
APR 18	70.5	52.3	0.16	383.0	61.3	52.5	61.2	54.1	80.3	5.37	18.30	0.11	0.13
APR 19	65.8	42.7	0.00	436.5	64.2	53.0	63.4	53.3	68.3	11.58	30.33	0.13	0.18
APR 20	68.9	37.7	0.00	541.5	59.6	48.3	57.9	49.4	47.1	10.11	30.35	0.18	0.26
APR 21	72.0	41.7	0.00	570.2	68.6	47.6	65.2	47.8	43.3	5.61	14.16	0.18	0.24
APR 22	84.4	49.6	0.01	502.4	68.8	52.1	65.5	52.4	51.5	6.31	24.78	0.20	0.26
APR 23	82.4	55.4	0.02	574.7	78.4	58.3	76.6	58.2	56.4	7.67	27.20	0.21	0.28
APR 24	86.7	64.8	0.00	499.5	74.9	61.4	72.5	61.1	55.4	17.58	36.06	0.28	0.41
APR 25	72.0	50.2	0.00	203.7	70.4	61.0	69.3	61.1	75.3	9.31	26.75	0.10	0.14
APR 26	79.3	50.7	3.00	219.6	64.4	57.5	64.3	59.2	83.6	10.08	29.93	0.09	0.12
APR 27	59.4	41.0	0.13	194.9	60.8	56.1	61.2	56.4	87.2	10.94	29.71	0.06	0.07
APR 28	64.8	37.5	0.00	419.8	65.7	53.3	65.6	53.0	76.3	6.41	18.93	0.11	0.13
APR 29	67.8	57.1	0.04	207.6	62.9	59.8	62.7	59.8	91.4	8.84	22.66	0.06	0.08
APR 30	74.8	58.6	0.86	317.3	68.6	59.9	68.4	59.9	86.4	8.59	26.77	0.10	0.12
SUM.	65.6	41.0	5.42	354.7	59.5	48.2	58.3	49.0	67.6	9.9	25.5	0.1	0.2

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - MAY 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)			2 INCH MAX (F)	2 INCH MIN (F)	4 INCH MAX (F)	4 INCH MIN (F)					
MAY 1	61.2	50.1	0.00	372.2	66.5	51.7	66.4	53.8	69.3	8.52	29.46	0.12	0.16
MAY 2	61.3	47.5	0.00	154.4	65.1	53.9	64.1	54.7	71.2	5.97	15.50	0.08	0.10
MAY 3	68.2	50.5	0.02	324.8	65.5	55.4	65.5	55.9	66.0	6.28	17.52	0.12	0.16
MAY 4	70.5	52.2	0.00	419.7	68.4	60.1	68.3	60.2	72.2	6.14	19.10	0.13	0.16
MAY 5	64.9	45.2	0.01	173.1	65.8	55.5	64.7	58.2	79.5	6.98	25.03	0.07	0.09
MAY 6	81.1	55.6	0.00	461.9	77.4	58.0	76.3	59.7	71.3	7.51	25.68	0.17	0.21
MAY 7	82.8	51.9	0.16	462.8	83.2	62.6	79.2	62.6	72.3	4.78	18.30	0.16	0.18
MAY 8	81.0	60.1	0.03	544.2	74.6	63.4	74.6	63.6	60.2	7.06	26.09	0.20	0.26
MAY 9	68.7	45.4	0.00	532.5	74.2	59.6	73.5	60.5	53.9	6.82	26.04	0.17	0.22
MAY 10	63.3	45.9	0.07	181.9	67.6	58.9	67.3	60.1	78.3	6.15	17.22	0.07	0.09
MAY 11	70.3	41.9	0.00	427.8	72.8	58.4	70.4	58.5	77.3	5.56	18.41	0.12	0.14
MAY 12	63.1	56.2	0.01	212.0	64.0	58.5	64.4	59.0	79.3	13.06	34.34	0.09	0.13
MAY 13	79.0	46.8	0.01	557.9	77.4	63.1	77.2	63.0	68.3	9.78	20.64	0.18	0.23
MAY 14	72.0	41.7	0.00	472.5	71.2	61.5	71.1	61.6	55.4	7.09	13.94	0.16	0.22
MAY 15	80.1	61.8	0.02	326.4	76.2	63.5	76.6	63.5	79.2	13.04	33.62	0.14	0.18
MAY 16	63.1	44.9	0.00	586.2	75.0	62.3	72.6	62.4	63.0	10.32	26.28	0.16	0.21
MAY 17	69.8	42.3	0.00	567.6	69.7	60.7	67.8	62.2	62.1	6.95	16.53	0.16	0.21
MAY 18	80.8	50.6	0.00	655.7	77.4	57.1	77.0	59.2	48.3	10.00	26.13	0.25	0.34
MAY 19	86.4	59.4	0.00	689.8	83.9	61.7	81.4	64.2	47.3	13.69	30.63	0.31	0.44
MAY 20	81.3	54.8	0.00	668.2	80.0	61.3	78.7	62.7	55.4	13.90	34.47	0.26	0.36
MAY 21	82.6	57.1	0.00	685.2	80.5	61.7	74.1	63.3	54.7	10.52	23.07	0.26	0.35
MAY 22	85.8	56.7	0.00	632.8	82.5	62.9	75.8	64.5	64.3	12.13	23.07	0.24	0.32
MAY 23	86.7	59.7	0.00	591.9	84.3	60.6	77.7	61.8	61.3	9.67	29.77	0.24	0.31
MAY 24	86.5	62.3	0.00	589.5	85.3	66.6	78.2	68.0	64.5	6.17	16.96	0.22	0.27
MAY 25	80.1	57.1	0.00	598.5	80.0	70.3	78.5	70.7	80.2	6.67	23.07	0.18	0.20
MAY 26	73.6	59.5	0.03	173.1	73.7	69.5	73.6	69.6	78.3	8.50	26.69	0.09	0.13
MAY 27	61.5	53.7	0.10	268.1	69.6	61.1	70.2	63.1	85.4	8.47	19.87	0.08	0.10
MAY 28	79.2	51.9	0.00	565.2	77.2	54.2	75.7	55.0	68.4	5.84	22.44	0.18	0.22
MAY 29	90.0	45.0	0.00	596.2	87.6	64.7	83.6	66.1	55.7	5.18	18.84	0.22	0.27
MAY 30	91.9	60.5	0.00	452.6	86.9	68.6	85.5	68.9	44.9	7.08	16.64	0.24	0.33
MAY 31	95.4	60.9	0.00	663.9	87.0	66.5	87.5	67.3	41.8	9.08	18.54	0.32	0.44
SUM.	76.2	52.6	0.46	471.2	75.8	61.1	74.1	62.1	65.5	8.4	23.0	0.2	0.2

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - JUN 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)			2 INCH MAX (F)	2 INCH MIN (F)	4 INCH MAX (F)	4 INCH MIN (F)					
JUN 1	95.0	64.3	0.02	608.4	87.2	72.0	85.6	72.1	51.5	9.27	20.64	0.29	0.40
JUN 2	71.8	59.8	1.58	230.7	74.5	66.5	75.6	66.8	78.4	7.49	20.83	0.10	0.13
JUN 3	74.1	57.1	0.00	474.2	76.0	65.9	75.7	67.3	70.3	8.82	16.64	0.16	0.21
JUN 4	75.7	54.0	0.00	500.9	77.0	66.4	76.9	66.5	65.4	3.34	13.04	0.16	0.18
JUN 5	87.6	53.9	0.00	600.1	83.0	64.1	80.5	65.2	64.4	7.03	24.78	0.22	0.27
JUN 6	90.7	69.4	0.03	612.1	80.4	70.6	80.4	70.6	58.8	16.02	39.28	0.31	0.43
JUN 7	91.0	64.6	0.15	395.4	81.2	71.8	81.2	71.9	66.5	12.32	34.23	0.22	0.30
JUN 8	73.9	57.2	0.03	397.2	79.5	63.9	79.4	64.7	74.3	9.44	29.91	0.14	0.18
JUN 9	66.6	56.4	0.59	251.3	72.7	64.6	73.9	64.8	91.7	7.90	31.05	0.07	0.08
JUN 10	72.1	62.8	0.03	241.3	73.0	65.4	72.5	66.0	84.3	5.77	21.23	0.09	0.11
JUN 11	74.3	63.1	0.01	165.6	73.6	64.7	73.5	65.3	81.3	6.01	19.04	0.08	0.11
JUN 12	81.1	61.6	0.00	556.4	79.1	64.9	79.0	65.6	76.3	5.11	18.95	0.18	0.21
JUN 13	77.2	60.5	0.00	663.0	79.8	68.3	80.2	68.4	80.6	5.75	12.33	0.19	0.21
JUN 14	79.3	61.0	0.16	356.8	78.9	69.3	78.8	68.1	75.7	6.63	11.65	0.14	0.17
JUN 15	87.6	65.5	1.77	607.5	81.7	70.9	79.4	71.7	82.5	8.34	24.14	0.20	0.23
JUN 16	86.4	60.5	0.57	682.9	86.1	67.5	84.8	69.1	79.2	5.80	30.89	0.22	0.24
JUN 17	91.8	64.8	0.00	675.9	88.2	73.1	87.7	73.7	76.3	7.77	22.62	0.24	0.28
JUN 18	95.5	74.2	0.00	661.4	88.0	77.5	87.3	77.4	67.2	10.38	25.64	0.29	0.36
JUN 19	88.5	71.6	0.00	666.9	86.9	77.7	86.3	77.8	68.3	9.94	25.88	0.26	0.33
JUN 20	81.1	64.5	1.84	241.5	79.1	70.0	79.0	72.5	91.7	5.07	16.02	0.09	0.09
JUN 21	93.7	74.1	0.00	779.1	86.8	75.6	86.3	76.0	72.4	9.87	23.69	0.29	0.35
JUN 23	97.7	75.7	0.00	728.7	95.6	80.2	94.1	80.2	68.4	6.68	23.78	0.29	0.35
JUN 24	96.8	69.7	1.37	621.9	91.4	79.3	88.6	80.8	74.6	7.31	24.38	0.25	0.29
JUN 25	93.4	68.4	0.00	739.0	93.6	78.0	92.7	78.1	74.4	6.61	19.10	0.26	0.30
JUN 26	92.3	72.6	0.00	721.3	91.6	80.7	91.2	81.3	77.5	4.69	16.24	0.25	0.28
JUN 27	91.9	67.3	0.00	667.5	94.6	79.3	94.5	79.6	65.3	7.23	25.79	0.26	0.32
JUN 28	88.0	61.1	0.00	760.3	91.4	70.4	87.5	73.5	65.2	6.05	17.56	0.26	0.31
JUN 29	91.8	60.8	0.00	753.8	91.8	74.5	90.3	75.5	63.3	6.51	16.94	0.27	0.33
JUN 30	86.0	56.6	0.00	769.2	87.2	77.5	85.4	78.9	68.4	5.05	13.49	0.24	0.28
SUM.	85.3	63.9	8.15	556.2	83.8	71.4	83.0	72.0	72.9	7.5	22.1	0.2	0.3

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - JUL 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)			2 INCH MAX (F)	2 INCH MIN (F)	4 INCH MAX (F)	4 INCH MIN (F)					
JUL 1	87.6	51.8	0.00	751.3	88.1	72.8	88.1	74.3	67.1	4.14	16.06	0.25	0.31
JUL 2	84.7	62.8	0.00	611.7	86.6	78.4	86.2	77.6	72.2	4.81	15.68	0.21	0.25
JUL 3	88.2	68.5	0.86	510.9	87.7	76.0	86.6	76.1	78.3	8.90	29.32	0.20	0.25
JUL 4	81.3	68.1	0.27	611.4	81.8	75.6	81.7	75.6	75.3	6.40	28.48	0.20	0.22
JUL 5	81.3	63.0	0.00	693.3	85.9	72.5	84.3	75.5	74.3	5.28	16.22	0.22	0.26
JUL 6	84.4	60.9	0.00	765.2	86.3	68.1	86.3	71.3	71.4	4.51	15.32	0.25	0.30
JUL 7	86.4	61.3	0.00	765.9	87.2	75.1	85.7	75.2	72.4	6.30	15.75	0.26	0.32
JUL 8	89.8	64.6	0.00	746.1	86.2	75.2	86.3	76.3	75.2	6.76	21.07	0.26	0.31
JUL 9	90.1	69.1	0.00	780.4	88.4	77.2	86.3	78.0	76.8	6.54	18.90	0.28	0.33
JUL 10	90.3	79.2	0.01	471.4	90.3	79.1	90.2	79.3	80.9	5.02	13.31	0.18	0.21
JUL 11	90.0	77.3	0.00	584.8	92.8	78.2	90.7	78.5	78.4	7.21	20.36	0.22	0.27
JUL 12	82.8	66.6	0.80	491.6	86.9	73.9	85.2	74.7	87.9	4.98	21.67	0.17	0.19
JUL 13	86.7	73.0	0.00	601.5	87.1	76.6	85.7	77.3	80.2	6.33	28.05	0.21	0.25
JUL 14	95.7	69.5	0.13	604.3	87.2	76.9	85.2	77.6	79.6	6.33	17.09	0.24	0.29
JUL 15	82.9	69.9	0.37	572.2	82.6	77.3	82.5	77.4	77.2	4.79	30.89	0.20	0.24
JUL 16	81.1	62.9	0.05	432.9	83.1	75.0	82.6	75.0	80.3	7.07	23.87	0.16	0.20
JUL 17	79.2	54.2	0.00	714.2	82.7	71.0	83.0	72.7	70.3	5.02	13.62	0.22	0.26
JUL 18	79.0	57.6	0.00	754.2	82.7	67.5	81.8	69.2	68.2	4.90	15.30	0.23	0.28
JUL 19	83.3	54.1	0.00	719.1	85.4	69.2	85.3	71.4	66.2	6.47	14.95	0.25	0.32
JUL 20	74.7	63.5	0.56	255.9	79.9	72.1	79.0	73.5	87.3	6.67	19.82	0.10	0.13
JUL 21	76.5	59.5	0.00	378.3	75.2	69.7	75.3	71.2	82.3	4.73	17.38	0.13	0.15
JUL 22	86.5	53.8	0.00	729.1	86.1	67.9	85.2	67.9	75.7	4.73	14.14	0.24	0.30
JUL 23	86.5	56.0	0.00	750.3	87.4	71.7	86.6	72.8	71.8	5.45	15.93	0.25	0.30
JUL 24	91.9	63.2	0.00	733.1	86.6	74.0	86.5	74.2	63.1	6.97	17.76	0.28	0.35
JUL 25	84.7	65.3	0.06	748.9	87.2	76.6	85.9	76.7	72.2	5.22	20.09	0.25	0.29
JUL 26	86.2	61.0	0.00	714.2	86.8	74.7	85.0	74.7	73.8	2.50	8.39	0.22	0.25
JUL 27	89.6	62.7	0.13	533.8	89.8	74.3	87.6	74.3	75.9	7.44	18.50	0.22	0.28
JUL 28	77.7	63.0	1.74	245.6	76.7	71.9	77.9	72.0	88.3	4.95	17.22	0.10	0.11
JUL 29	77.5	54.1	0.00	466.5	78.2	70.8	77.9	70.1	82.3	4.74	13.92	0.16	0.20
JUL 30	77.4	59.2	0.07	618.9	82.5	71.0	81.4	71.0	78.3	4.87	14.00	0.19	0.23
JUL 31	83.1	52.2	0.00	696.3	83.0	68.8	82.8	68.8	67.2	7.19	18.32	0.25	0.33
SUM.	84.4	62.8	5.05	614.6	85.1	73.5	84.3	74.2	75.8	5.7	18.4	0.2	0.3

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - AUG 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)			2 INCH MAX (F)	2 INCH MIN (F)	4 INCH MAX (F)	4 INCH MIN (F)					
AUG 1	78.8	59.0	0.65	709.9	80.8	71.5	79.8	70.7	75.2	7.08	30.84	0.22	0.28
AUG 2	88.3	53.9	0.00	729.5	87.1	68.9	83.7	70.5	66.2	7.00	19.55	0.25	0.32
AUG 3	95.9	63.1	0.00	733.7	91.3	71.1	90.9	72.1	64.4	4.73	14.43	0.27	0.33
AUG 4	88.0	70.0	0.15	656.1	86.5	75.0	86.6	75.1	76.6	4.98	19.06	0.23	0.27
AUG 5	84.7	68.4	0.00	589.2	88.0	75.5	86.2	75.5	80.3	4.75	16.94	0.20	0.22
AUG 6	82.8	64.5	0.00	442.2	82.6	74.4	81.7	74.5	77.3	4.83	16.42	0.15	0.18
AUG 7	95.4	73.8	0.00	668.4	91.5	76.0	86.3	76.3	68.3	9.00	25.01	0.29	0.37
AUG 8	97.3	79.2	0.00	653.9	89.7	75.8	86.9	76.1	55.3	8.47	19.96	0.31	0.41
AUG 9	96.6	70.9	0.51	642.8	87.1	77.4	86.0	77.6	71.3	7.65	21.27	0.28	0.37
AUG 10	84.2	65.9	0.68	451.3	86.8	77.0	86.7	78.2	85.2	6.48	26.40	0.17	0.21
AUG 11	88.0	61.9	0.00	723.2	86.0	73.7	85.4	74.0	81.2	4.63	10.92	0.24	0.29
AUG 12	91.8	61.6	0.00	736.9	92.1	73.1	87.3	74.4	70.9	2.75	10.00	0.24	0.28
AUG 13	90.3	60.3	0.00	700.2	87.5	75.1	86.6	75.3	60.2	4.73	15.01	0.25	0.31
AUG 14	90.3	60.8	0.00	643.1	89.2	74.6	86.2	74.6	62.7	5.00	15.01	0.24	0.30
AUG 15	83.1	71.7	0.00	432.9	86.6	75.0	86.5	75.1	73.4	7.21	24.31	0.18	0.23
AUG 16	86.5	72.1	0.09	454.2	83.5	75.8	83.4	75.9	78.1	4.98	13.76	0.17	0.21
AUG 17	80.6	65.2	1.43	351.1	83.7	72.2	81.2	72.4	88.3	7.00	28.29	0.14	0.18
AUG 18	82.9	62.6	0.00	453.4	82.5	74.1	81.4	74.2	84.2	4.32	10.56	0.16	0.19
AUG 19	82.9	64.3	0.91	514.6	80.9	72.8	79.3	72.8	82.3	7.64	30.11	0.18	0.23
AUG 20	81.5	58.1	0.00	647.8	78.3	71.3	76.8	71.9	78.5	7.33	12.59	0.22	0.28
AUG 21	79.2	55.9	0.00	694.7	80.5	69.0	79.1	69.1	67.2	4.98	17.00	0.21	0.25
AUG 22	77.0	50.5	0.00	728.9	77.3	68.1	77.1	68.3	78.3	3.99	10.47	0.19	0.23
AUG 23	80.8	52.7	0.00	736.5	82.8	68.4	82.0	68.4	74.2	4.98	10.74	0.21	0.26
AUG 24	86.9	62.9	0.00	645.2	78.3	71.0	77.4	71.7	70.6	9.46	18.39	0.24	0.31
AUG 25	90.1	68.3	0.00	653.3	87.7	72.8	85.9	73.0	78.3	6.00	23.00	0.23	0.28
AUG 26	81.3	69.9	0.90	221.2	78.4	74.7	78.4	75.4	88.6	7.43	15.10	0.10	0.12
AUG 27	73.9	57.6	0.00	298.4	82.0	73.0	80.4	74.1	86.2	4.99	14.25	0.10	0.12
AUG 29	73.6	54.0	0.00	398.3	78.3	68.4	75.5	68.6	78.2	3.97	13.78	0.12	0.15
AUG 30	72.1	45.6	0.00	666.5	76.3	65.3	74.2	65.4	77.3	4.96	16.51	0.17	0.21
AUG 31	70.0	44.7	0.00	381.9	71.6	63.5	69.9	65.8	85.3	4.08	12.17	0.11	0.14
SUM.	84.5	62.3	5.32	578.6	83.8	72.5	82.3	72.9	75.5	5.8	17.7	0.2	0.3

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - SEP 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)			2 INCH MAX (F)	2 INCH MIN (F)	4 INCH MAX (F)	4 INCH MIN (F)					
SEP 1	73.9	51.8	0.00	544.6	76.4	63.2	74.2	63.3	74.3	4.72	17.38	0.15	0.18
SEP 2	77.2	59.5	0.00	348.8	78.4	65.9	76.8	66.1	80.2	5.29	16.71	0.11	0.14
SEP 3	77.9	55.6	0.01	474.5	77.0	65.5	76.6	65.6	81.3	3.00	13.00	0.14	0.16
SEP 4	73.9	60.9	0.39	311.0	72.9	64.5	70.9	65.1	89.3	4.84	17.97	0.10	0.12
SEP 5	79.5	57.6	0.00	489.8	78.0	67.7	77.2	67.7	85.1	4.95	15.93	0.16	0.19
SEP 6	77.5	57.2	0.00	560.3	74.9	67.7	74.8	67.8	82.5	3.97	11.00	0.16	0.19
SEP 7	81.1	57.2	0.00	512.1	74.1	68.1	73.5	69.0	85.2	4.98	16.66	0.16	0.20
SEP 8	72.5	62.7	0.03	260.2	73.6	69.4	73.9	70.0	89.3	4.97	8.30	0.09	0.11
SEP 9	77.0	65.1	0.08	282.9	77.1	69.4	77.1	69.5	90.9	4.87	14.32	0.10	0.12
SEP 10	81.1	63.0	0.00	381.6	78.8	70.2	78.0	70.6	84.2	4.73	17.47	0.14	0.17
SEP 11	82.0	57.5	0.00	409.0	79.5	69.3	78.4	69.4	85.4	4.97	8.97	0.15	0.19
SEP 12	81.3	63.1	0.46	370.0	77.0	68.0	77.6	68.8	87.4	4.73	15.05	0.13	0.17
SEP 13	79.0	61.3	0.00	417.7	80.3	67.7	78.0	67.9	77.3	5.06	14.00	0.15	0.19
SEP 14	77.4	59.4	0.00	433.5	77.3	64.3	77.1	67.0	82.3	4.50	15.12	0.14	0.17
SEP 15	79.7	59.1	0.00	484.2	78.3	68.1	77.6	69.0	75.3	4.92	15.44	0.16	0.20
SEP 16	81.3	59.1	0.00	514.3	82.2	67.2	81.5	67.2	72.3	5.00	16.00	0.17	0.22
SEP 17	77.5	55.0	0.00	514.5	77.7	66.3	77.2	66.5	74.3	4.73	17.49	0.16	0.21
SEP 18	75.9	47.7	0.00	451.5	75.8	63.4	75.3	63.4	82.5	4.73	14.05	0.14	0.19
SEP 19	79.3	47.6	0.00	598.5	71.5	61.8	71.2	61.8	78.2	2.97	15.10	0.16	0.19
SEP 20	81.3	54.3	0.00	529.6	82.1	63.3	80.3	63.4	72.3	3.76	15.48	0.15	0.19
SEP 21	70.3	52.8	0.66	104.3	71.0	64.7	71.4	65.5	89.2	6.00	19.19	0.05	0.06
SEP 22	65.3	47.0	0.01	283.9	68.6	62.0	67.5	62.3	84.2	4.73	15.30	0.09	0.11
SEP 23	71.4	44.9	0.00	432.9	66.7	58.7	67.9	58.8	77.2	4.73	13.15	0.12	0.16
SEP 25	69.6	42.1	0.16	342.0	74.2	60.3	72.9	58.5	81.2	4.73	12.12	0.12	0.16
SEP 26	74.1	50.0	0.01	550.7	73.2	61.9	72.3	62.0	79.9	4.95	14.47	0.15	0.19
SEP 27	86.4	46.7	0.00	513.5	77.5	60.5	76.4	60.7	58.4	6.08	23.56	0.20	0.29
SEP 28	70.7	43.3	0.00	516.6	69.1	58.1	68.1	58.3	47.4	4.89	13.96	0.15	0.20
SEP 29	73.0	35.8	0.00	547.3	69.4	55.0	68.0	57.5	68.4	4.73	19.08	0.15	0.20
SEP 30	77.7	41.3	0.00	423.9	74.7	55.6	74.1	57.8	63.4	8.56	23.00	0.17	0.25
SUM.	76.7	53.7	1.81	434.6	75.4	64.4	74.7	64.8	78.6	4.9	15.5	0.1	0.2

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - OCT 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)			2 INCH MAX (F)	2 INCH MIN (F)	4 INCH MAX (F)	4 INCH MIN (F)					
OCT 1	71.8	43.2	0.00	313.6	72.3	57.6	71.8	58.2	67.5	9.37	32.99	0.16	0.24
OCT 2	66.9	40.5	0.00	527.5	67.3	55.0	66.2	57.4	46.1	7.64	24.83	0.16	0.24
OCT 3	63.1	39.2	0.00	496.8	65.4	54.3	64.8	54.5	68.1	5.51	18.74	0.12	0.16
OCT 4	64.9	40.0	0.00	477.7	65.5	53.4	64.9	53.6	65.2	5.85	11.54	0.12	0.16
OCT 5	62.4	48.8	0.01	277.1	62.1	53.9	61.8	55.7	76.3	4.73	19.55	0.08	0.11
OCT 6	61.5	36.8	0.09	420.2	60.4	54.4	60.8	54.9	70.2	6.07	23.80	0.11	0.15
OCT 7	71.2	32.0	0.02	419.9	69.4	50.7	68.4	50.8	71.2	5.32	19.10	0.13	0.19
OCT 8	55.2	45.1	0.23	239.0	58.2	53.1	58.9	54.7	93.7	7.36	20.58	0.05	0.06
OCT 9	55.8	32.4	0.00	433.0	57.5	47.4	57.4	50.0	75.2	4.73	19.17	0.09	0.12
OCT 10	38.3	32.0	0.00	184.9	51.0	47.5	51.8	49.5	78.6	5.48	19.49	0.04	0.05
OCT 11	39.9	34.3	0.01	70.2	47.7	44.8	49.7	44.9	73.1	2.79	14.60	0.04	0.05
OCT 12	56.1	35.0	0.08	190.4	56.4	46.9	55.5	48.4	82.0	4.73	18.01	0.06	0.08
OCT 13	45.1	38.2	0.26	92.9	50.9	48.1	52.2	49.6	85.2	4.95	13.62	0.03	0.04
OCT 14	45.1	39.6	0.07	84.8	50.1	44.4	50.6	47.4	94.2	4.95	15.21	0.03	0.03
OCT 15	52.0	40.2	0.01	143.3	52.1	47.5	52.1	48.5	88.3	4.73	14.58	0.04	0.05
OCT 16	56.1	34.4	0.00	289.4	54.9	47.5	54.3	48.9	77.2	4.73	15.89	0.07	0.09
OCT 17	50.9	32.2	0.00	371.1	53.8	47.0	53.7	47.4	79.3	4.73	14.70	0.06	0.08
OCT 18	68.5	30.4	0.00	474.2	61.6	45.3	62.2	45.4	69.3	6.16	23.98	0.11	0.15
OCT 19	76.1	51.8	0.00	445.2	59.8	50.5	59.6	50.6	70.3	4.95	14.56	0.12	0.16
OCT 20	77.2	53.8	0.00	379.1	64.8	55.4	64.3	55.5	78.4	4.73	15.82	0.11	0.15
OCT 21	66.7	52.4	0.32	148.7	65.1	55.1	64.1	56.9	86.3	4.73	17.78	0.05	0.07
OCT 22	55.6	39.4	0.17	83.3	59.7	52.8	59.7	54.9	92.5	5.41	18.63	0.03	0.03
OCT 23	52.0	33.6	0.00	220.9	53.0	46.1	54.9	44.9	80.2	7.00	24.25	0.06	0.08
OCT 24	64.6	32.4	0.00	351.2	62.9	45.3	62.2	45.4	70.5	6.52	12.73	0.11	0.16
OCT 25	61.7	41.2	0.03	248.2	55.9	49.8	55.8	49.9	82.3	4.73	12.52	0.06	0.09
OCT 26	57.4	34.1	0.00	402.3	53.7	46.1	53.5	46.7	73.3	4.73	15.05	0.07	0.10
OCT 27	59.7	28.4	0.00	410.0	58.3	43.1	55.7	43.6	78.2	4.23	18.59	0.07	0.10
OCT 28	65.3	44.1	0.00	363.6	55.8	47.7	55.7	48.7	72.3	4.73	23.44	0.08	0.11
OCT 29	61.2	52.6	1.03	64.8	57.8	50.7	57.7	52.4	93.2	4.74	18.63	0.04	0.06
OCT 30	50.9	36.1	0.01	234.0	56.7	43.5	56.9	45.9	78.3	8.11	24.81	0.06	0.09
OCT 31	61.2	34.3	0.00	464.9	53.9	45.4	53.9	45.5	76.2	3.47	15.86	0.07	0.10
SUM.	59.2	39.0	2.34	300.7	58.5	49.4	58.4	50.3	77.2	5.4	18.5	0.1	0.1

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - NOV 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)			2 INCH MAX (F)	2 INCH MIN (F)	4 INCH MAX (F)	4 INCH MIN (F)					
NOV 1	72.3	36.4	0.00	385.5	55.9	47.2	55.8	47.4	60.1	4.74	14.60	0.11	0.18
NOV 2	55.6	34.1	0.07	224.4	52.0	48.3	52.2	48.4	75.2	6.94	24.05	0.08	0.12
NOV 3	60.8	27.8	0.00	352.5	55.3	44.9	54.9	45.0	64.2	6.07	18.50	0.09	0.14
NOV 4	61.3	31.3	0.00	400.4	55.8	44.8	55.2	44.9	71.3	5.49	23.17	0.09	0.13
NOV 5	71.8	29.7	0.00	369.4	56.3	42.8	55.0	42.9	66.2	6.35	15.77	0.12	0.19
NOV 6	71.8	53.5	0.00	363.4	59.8	47.4	58.0	47.3	59.2	6.29	13.85	0.11	0.17
NOV 7	77.7	38.9	0.00	388.4	69.2	51.0	68.5	52.2	70.2	5.40	13.96	0.11	0.17
NOV 8	72.0	55.8	0.00	225.8	63.1	51.9	61.6	52.3	74.2	7.04	29.55	0.08	0.12
NOV 9	63.3	51.8	0.88	164.0	60.4	50.8	59.4	53.2	75.4	5.41	16.69	0.06	0.09
NOV 10	61.3	40.4	0.00	285.3	56.2	49.6	56.1	51.0	84.1	6.65	13.55	0.06	0.09
NOV 11	53.6	36.0	0.00	248.5	56.4	45.3	56.3	49.1	87.3	4.23	11.97	0.05	0.06
NOV 12	67.6	42.5	0.00	200.1	56.1	49.4	54.9	50.8	80.2	7.03	16.64	0.07	0.10
NOV 13	70.0	46.9	0.00	217.8	57.4	50.7	56.3	51.3	76.2	9.43	23.89	0.09	0.14
NOV 14	53.6	43.1	0.00	115.9	54.8	49.4	54.4	50.6	80.3	4.83	15.42	0.04	0.05
NOV 15	45.0	37.8	0.08	45.8	51.6	43.9	52.8	45.9	80.2	4.74	14.39	0.03	0.04
NOV 16	36.5	32.3	0.31	77.9	50.6	41.9	51.1	48.7	90.9	14.77	31.21	0.03	0.05
NOV 17	43.0	32.6	0.01	54.7	43.4	35.8	44.6	36.0	88.3	7.03	17.07	0.03	0.03
NOV 18	50.0	30.5	0.00	160.1	45.9	38.8	46.2	42.5	83.5	6.12	18.54	0.04	0.05
NOV 19	54.3	26.8	0.00	281.5	49.4	40.5	49.2	42.3	88.3	4.80	14.34	0.05	0.07
NOV 20	54.1	30.1	0.00	290.0	51.5	42.0	50.1	42.1	91.3	4.73	13.45	0.05	0.08
NOV 21	59.5	28.0	0.00	174.4	51.4	39.5	50.8	41.4	88.9	4.95	11.81	0.04	0.06
NOV 22	59.7	37.9	0.00	259.0	51.7	45.2	51.4	45.5	80.7	4.96	13.53	0.06	0.10
NOV 23	53.6	34.4	0.23	209.2	51.7	45.4	51.6	45.4	89.5	5.86	17.76	0.05	0.07
NOV 24	50.0	36.1	0.36	167.1	49.4	43.6	49.7	43.8	73.1	7.21	25.23	0.05	0.08
NOV 25	46.8	29.8	0.03	275.3	45.3	40.6	46.0	39.6	70.7	9.66	22.77	0.06	0.10
NOV 26	46.6	25.7	0.00	307.1	46.6	37.8	47.0	38.0	70.6	6.14	22.95	0.05	0.07
NOV 27	68.5	29.6	0.00	306.5	50.1	37.8	48.3	38.0	65.3	4.44	14.41	0.08	0.13
NOV 28	65.1	30.0	0.00	274.0	52.4	39.5	50.8	41.6	74.4	5.54	13.92	0.08	0.12
NOV 29	46.9	26.4	0.00	218.2	47.1	39.6	47.6	40.0	75.2	4.72	25.10	0.04	0.06
NOV 30	55.0	22.1	0.00	301.9	50.3	36.5	49.5	36.7	68.2	6.23	18.86	0.07	0.11
SUM.	58.2	35.3	1.97	244.8	53.2	44.1	52.8	45.1	76.8	6.3	18.2	0.1	0.1

DATA OBTAINED FROM AUTOMATIC RECORDING STATION

MONTHLY WEATHER INFORMATION -- Manhattan, KS - DEC 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)			2 INCH MAX (F)	2 INCH MIN (F)	4 INCH MAX (F)	4 INCH MIN (F)					
DEC 1	59.5	32.5	0.00	306.1	53.2	39.2	52.2	39.2	56.2	7.79	23.22	0.09	0.16
DEC 2	38.3	22.7	0.00	215.1	41.4	36.3	42.9	36.5	60.2	7.19	25.46	0.05	0.07
DEC 3	32.9	13.7	0.00	246.6	36.6	30.7	39.4	32.3	64.4	7.12	20.99	0.04	0.06
DEC 4	32.5	11.7	0.00	273.4	35.3	32.2	36.1	32.3	71.0	4.72	17.04	0.03	0.05
DEC 5	44.4	20.1	0.00	305.2	36.4	31.9	37.4	32.1	63.4	5.06	18.90	0.04	0.07
DEC 6	33.4	22.4	0.01	72.2	35.6	33.2	36.5	34.8	74.8	4.95	11.21	0.03	0.04
DEC 7	21.2	15.1	0.07	127.5	35.1	32.7	36.3	34.5	82.4	4.95	13.67	0.01	0.02
DEC 8	31.5	6.4	0.32	60.9	33.7	32.8	34.5	34.5	93.2	4.96	20.07	0.02	0.03
DEC 9	17.4	-13.0	0.00	249.1	35.0	32.6	34.0	33.5	78.2	9.92	46.64	0.02	0.02
DEC 10	21.9	-11.7	0.00	276.9	34.4	33.8	35.5	33.7	75.4	4.74	14.79	0.02	0.03
DEC 11	32.7	-6.0	0.00	271.2	35.6	33.3	34.9	33.3	77.4	4.80	18.14	0.03	0.04
DEC 12	36.0	25.8	0.00	191.4	33.7	32.5	34.6	33.7	79.2	8.20	24.50	0.03	0.05
DEC 13	37.9	14.4	0.01	157.4	34.3	33.7	35.0	33.8	94.3	2.35	11.50	0.01	0.01
DEC 14	37.4	9.6	0.00	206.1	34.3	31.7	34.9	31.9	80.2	10.10	26.44	0.02	0.03
DEC 15	18.9	4.6	0.00	271.9	32.3	31.2	33.4	32.4	73.0	5.15	12.66	0.02	0.03
DEC 16	44.8	8.2	0.00	280.3	31.8	30.6	32.4	32.1	70.3	5.47	15.95	0.04	0.07
DEC 17	40.6	28.1	0.00	233.6	31.8	31.7	32.6	32.3	72.0	5.62	13.76	0.04	0.06
DEC 18	38.1	27.6	0.00	219.9	32.0	31.7	32.7	32.6	78.3	7.86	18.63	0.03	0.05
DEC 19	34.0	28.1	0.00	91.6	32.2	32.0	33.0	32.0	87.9	6.83	18.79	0.02	0.02
DEC 20	43.3	25.0	0.00	247.3	34.3	31.8	33.4	32.2	82.1	6.99	17.11	0.03	0.05
DEC 21	45.0	20.6	0.00	233.2	33.1	31.8	32.9	31.9	81.4	6.07	16.62	0.04	0.06
DEC 22	36.0	26.2	0.00	105.8	32.6	31.3	33.7	32.2	91.8	5.04	12.19	0.02	0.03
DEC 23	41.0	34.2	0.77	31.0	37.6	32.6	37.2	33.1	94.4	4.44	11.88	0.01	0.02
DEC 24	32.9	13.9	0.06	40.2	36.3	33.4	36.7	33.5	93.0	18.99	33.46	0.01	0.02
DEC 25	21.2	10.0	0.00	79.9	33.7	32.7	33.8	32.4	76.4	14.71	34.96	0.02	0.03
DEC 26	25.9	20.5	0.00	190.1	33.8	31.5	34.4	32.5	80.3	9.66	23.62	0.02	0.03
DEC 27	27.1	21.2	0.00	204.1	32.2	30.2	32.8	32.0	81.5	7.73	24.31	0.02	0.02
DEC 28	34.2	20.9	0.00	304.8	34.1	33.9	34.7	34.5	81.3	8.23	18.37	0.03	0.04
DEC 29	27.9	17.0	0.00	149.4	32.3	32.2	32.9	32.3	87.6	5.81	13.08	0.02	0.02
SUM.	35.6	15.9	1.18	203.2	35.3	32.7	35.9	33.3	77.5	6.1	18.7	0.0	0.0

DATA OBTAINED FROM AUTOMATIC RECORDING STATION