

**UNIVERSITY OF MINNESOTA
SOUTHERN RESEARCH AND OUTREACH CENTER
35838 120TH STREET
WASECA, MN 56093-4521**

2014 SUMMARY

Month	Avg. Air	HDD ^{1/}	GDU ^{2/}	Precip	Snow	Evap. ^{3/}	Avg. Soil Temp.					Solar Radiation
	Temp. -°F -						2"	4"	8"	20"	40"	
				----- inches -----		----- °F -----						
Jan	6.4	1816.5		1.42	17.2		22.9	24.2	25.6	29.5	36.2	5163
Feb	5.0	1680.0		1.59	19.1		25.1	25.8	26.5	28.6	33.5	7605
Mar	22.9	1305.0		1.36	12.9		30.7	30.3	30.2	30.7	33.1	10281
Apr	42.5	674.0		5.57	2.5		43.3	40.5	39.1	36.4	35.7	10807
May	56.6		306.5	2.87	0	6.10	58.1	26.1	54.0	50.3	44.9	13044
Jun	68.5		555.5	12.94		8.70	72.7	70.4	68.7	65.2	57.8	14073
Jul	68.2		562.5	1.19		7.46	76.0	73.9	72.0	69.3	63.2	15859
Aug	70.7		640.5	3.17		6.77	78.8	76.5	75.0	72.5	67.0	13961
Sept	60.8		170.0	2.32		4.77	65.7	64.7	64.5	64.9	64.4	10686
Oct	47.8		0.0	1.36	0.0		51.5	51.8	52.3	54.9	57.7	7278
Nov	23.6	1241.0		1.09	11.7		33.7	35.5	37.0	42.0	49.0	4445
Dec	23.3	1291.5		0.72	4.3		30.2	31.4	32.6	35.6	41.9	2916
Year	41.4	8008.0	2235.0	35.60	67.7	33.80	49.1	45.9	48.1	48.3	48.7	116118
Departure ^{4/} from normal	-3.6	+1048.0	-255.0	-0.12	+14.9	-1.41	0.0	-3.0	+0.1	-1.3		-4427

^{1/} Heating degree days based on 65° F. Total and departure excludes May - Sept.

^{2/} Based on the 50° - 86° F range from May 1 to the first fall frost (September 13).

^{3/} Departure from normal based on evaporation from May 1 - September 30 (35.21").

^{4/} Based on 1981-2010 Normal for air temperature, growing degree units (GDU), precipitation, snow, and evaporation. Solar radiation based on 1972-2010 averages .