

Sherburne Soil and Water Conservation District Ph: (763)241-1170 ext. 3

5/31/2011

Rain Reports		
7 day rainfall total 0.26		
April	2.53	August
May		September
June		October
July		
* Rainfall from Crescent Lake Climate Station, Clear Lake		

Irrigation Information					
Crop:	Corn	Russets	Reds	Soybeans	Green Beans
Planting Dates:	9-May-11	9-May-11	18-Apr-11	13-May-11	20-May-11
Stage of Growth:	3-leaf	planted	planted	planted	planted
Allowable Depletion(%):	70%	0%	0%	0%	0%

Climate Information							Daily Evapotranspiration (ET's)						
Day	Daily Temps		Humidity		Solar Radiation (Langley's)	Average Wind (MPH)	Potential ET	Actual Crop Water Use (inches)					
	High (F)	Low (F)	High(%)	Low(%)				Corn ET	Russets ET	Reds ET	Soybeans ET	Green Beans ET	
5/23/2011	74	58	96	50	409	5	0.16	0.03	0.00	0.04	0.00	0.00	
5/24/2011	69	53	91	45	590	3	0.19	0.04	0.00	0.05	0.00	0.00	
5/25/2011	65	49	76	31	540	5	0.20	0.04	0.00	0.05	0.00	0.00	
5/26/2011	62	43	76	27	710	3	0.19	0.04	0.00	0.05	0.00	0.00	
5/27/2011	62	43	93	40	292	6	0.15	0.03	0.00	0.05	0.00	0.00	
5/28/2011	72	48	98	45	619	5	0.19	0.06	0.00	0.07	0.00	0.00	
5/29/2011	64	51	90	56	191	1	0.09	0.03	0.00	0.04	0.00	0.00	
*No data available							4 Day Avg.	0.16	0.04	0.00	0.05	0.00	0.00
							7 Day Total	1.17	0.28	0.00	0.34	0.00	0.00
							Running Total	9.22	1.87	1.70	2.11	0.78	0.65

Growing Degree Days (GDD's 50/86)				
		Current GDD's	Normal GDD's	Departure from Normal
Starting	April 1	328	403	-75
Starting	May 1	247	281	-34

Daily GDD's	
5/23/2011	16
5/24/2011	11
5/25/2011	7
5/26/2011	6
5/27/2011	6
5/28/2011	11
5/29/2011	7

*No data available

Call the Sherburne SWCD at (763)241-1170 ext. 3 to request a weekly summary of the ETs