

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

9/6/2010

Rain Reports		
7 day rainfall total 1.96		
April	1.5"	August
May	1.98"	September
June	9.8	October
July		
* Rainfall from Crescent Lake Climate Station, Clear Lake		

Irrigation Information					
Crop:	Corn	Russets	Reds	Soybeans	Green Beans
Planting Dates:	26-Apr-10	10-Apr-10	5-Apr-10	5-May-10	25-May-10
Stage of Growth:	1/2 Milk	Harvest	Harvest	1st Yellow Poc	Harvest
Allowable Depletion(%):	60%	0%	0%	60%	0%

Climate Information							Daily Evapotranspiration (ET's)						
Day	Daily Temps		Humidity		Solar Radiation	Average Wind	Potential ET	Actual Crop Water Use (inches)					
	High (F)	Low (F)	High(%)	Low(%)	(Langley's)	(MPH)		Corn ET	Russets ET	Reds ET	Soybeans ET	Green Beans ET	
8/30/2010	87	75	81	56	425	7	0.19	0.17	0.00	0.00	0.12	0.00	
8/31/2010	81	65	94	67	365	3	0.15	0.13	0.00	0.00	0.09	0.00	
9/1/2010	75	53	93	46	527	2	0.19	0.16	0.00	0.00	0.11	0.00	
9/2/2010	71	57	95	72	252	5	0.10	0.08	0.00	0.00	0.06	0.00	
9/3/2010	61	50	89	62	250	7	0.10	0.08	0.00	0.00	0.05	0.00	
9/4/2010	68	44	95	46	468	2	0.14	0.11	0.00	0.00	0.07	0.00	
9/5/2010	69	44	97	57	334	2	0.12	0.09	0.00	0.00	0.06	0.00	
*No data available							4 Day Avg	0.12	0.09	0.00	0.00	0.06	0.00
							7 Day Total	0.99	0.81	0.00	0.00	0.56	0.00
							Running Total	27.53	17.22	14.52	13.09	15.95	6.07

Growing Degree Days (GDD's 50/86)				
		Current GDD's	Normal GDD's	Departure from Normal
Starting	April 1	2380	2165	215
Starting	May 1	2164	2043	121

Daily GDD's	
8/30/2010	31
8/31/2010	23
9/1/2010	14
9/2/2010	14
9/3/2010	6
9/4/2010	9
9/5/2010	10

*No data available

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