

CONTACT: Thomas R. Hoverstad, Scientist

SUBJECT: SOUTHERN RESEARCH & OUTREACH CENTER WEATHER UPDATE  
OCTOBER 5 THROUGH OCTOBER 11, 2017

FOR RELEASE: Immediately

Below you will find the daily maximum and minimum air temperatures, growing degree units (GDUs), and 24-hour precipitation amounts for this week. These values are recorded at 8 AM and reflect the conditions for the previous 24-hour period (8 AM to 8 AM) at the Southern Research & Outreach Center, Waseca.

Date	Air Temp.		GDU's	Precip.	Soil Temp. 6-inch	
	Max.	Min.				
	----- ° F -----			inches	° F	
Thursday	10/05	61	39	5.5	0.02	61
Friday	10/06	62	51	6.5	0.32	57
Saturday	10/07	56	52	4.0	1.32	57
Sunday	10/08	66	48	8.0	0.17	57
Monday	10/09	74	45	12.0	----	58
Tuesday	10/10	58	36	4.0	----	55
Wednesday	10/11	47	35	0.0	0.03	51

COMMENTS: This was not a very productive week on farms across southern Minnesota. Rain and cloudy skies did not allow for much drying, limiting field activities. Temperature averaged 52.1 degrees or 0.5 degree warmer than normal. Rainfall totaled 1.86 inches which is 1.13 inches more than normal. Growing degree units (GDUs) totaled 40. We normally accumulate very few GDUs this time of year, but until we see a low temperature of 32 degrees we still continue to measure GDUs. Since May 1, we have now accumulated 2637 GDUs. This is 6% above our normal total for the season.

Last year this week was quite similar to this year, temperature averaged 53.8 degrees and 1.45 inches of rain fell. Last year we saw our first frost of the season this week and GDU accumulation totaled 2938, one of the highest GDU totals we have ever seen at the SROC.

Progress in the field was very slow this week. Corn only dried 2 percentage points, fields are muddy and soybeans still have green stems and some green pods. So far, October has brought us rain on eight of eleven days totaling 2.77 inches. This is already 0.10 inch more than our normal total for the entire month. Soil temperature at the 6-inch depth averaged in the mid 50s, too warm for fertilizer or manure application to begin. Sunshine and dry conditions are on order for Minnesota farms.

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