

UNIVERSITY OF MINNESOTA

Southern Research and Outreach Center

35838-120th Street
Waseca, MN 56093-4521

College of Food, Agricultural and
Natural Resource Sciences

507-835-3620
Fax: 507-835-3622
<http://sroc.cfans.umn.edu>

CONTACT: Thomas R. Hoverstad, Scientist

SUBJECT: SOUTHERN RESEARCH & OUTREACH CENTER WEATHER UPDATE
JUNE 2 THROUGH JUNE 8, 2016

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.	
	Max.	Min.			
		----- ° F -----			
Thursday	6/2	71	47	10.5	
Friday	6/3	77	52	14.5	
Saturday	6/4	85	54	19.5	0.47
Sunday	6/5	73	52	12.5	0.07
Monday	6/6	83	56	19.5	
Tuesday	6/7	72	51	11.5	
Wednesday	6/8	73	51	12.0	

COMMENTS: Weather this week was slightly on the cool and dry side. Temperature averaged 64.1 degrees or 1.4 degrees cooler than normal. Rainfall totaled 0.54 inch which is 0.52 inch less than normal. Growing degree units (GDUs) totaled 100, 6% less than normal. Since May 1, GDUs now total 480 or 6 percent more than normal.

Last year this week was warm and wet. Temperature averaged 66.3 degrees and 2.05 inches of rain fell. Last year at this time we had accumulated 435.5 GDUs.

Corn is in the V7 stage and will begin to grown rapidly now. Some has already reached about 24-inches in height, while other corn is about 12-inches tall. This unevenness is probably the result of some plants reaching the rapid growth phase just a few days earlier than others. This response may go back to the recovery from uneven frost damage, and is not likely an indicator of major problems in corn. As warm weather arrives, growth will usually even out. Soybeans are in the first or second trifoliolate leaf stage.

Soil moisture measurements taken here on June 1 indicated we were at 91% of field moist capacity. This is very close to the long-term normal. We have received adequate but not abundant rainfall. Other areas of Minnesota have received much more rain than we have. In situations where rainfall has well exceeded normal, nitrogen loss in corn fields can be a concern. For more on wet weather and nitrogen loss, read the following from Brad Carlson, Extension Educator. <http://blog-crop-news.extension.umn.edu/2016/06/wet-weather-raises-nitrogen-loss.html>

Mark your calendars plan to attend the Agronomy Field Tour scheduled for Tuesday, June 21. The event will be held rain or shine, the flyer is attached showing topics and speakers.

###