

UNIVERSITY OF MINNESOTA

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SUBJECT: SOUTHERN RESEARCH & OUTREACH CENTER WEATHER UPDATE
APRIL 28 THROUGH MAY 4, 2016

FOR RELEASE: Immediately

Below you will find the daily maximum and minimum air temperatures, 2-inch average and 25-year soil temps, growing degree units, 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.		2" Soil Temp.*		Growing Degree Units	Precip. inches	
	Max.	Min.	2016	25-Yr Avg.			
		----- ° F ---		--- ° F ---			
Thursday	4/28	49	38	45	53	--	0.52
Friday	4/29	41	36	43	54	--	0.08
Saturday	4/30	56	37	49	55	--	----
Sunday	5/01	51	42	46	54	0.5	----
Monday	5/02	62	37	51	55	6.5	0.39
Tuesday	5/03	67	39	55	55	8.5	----
Wednesday	5/04	72	44	57	57	11.0	----

*Bare soil

COMMENTS: Cooler conditions settled into southern Minnesota this week slowing some of the corn emergence that had been seen. Temperatures averaged 47.9 degrees, 5.4 degrees cooler than normal. Rainfall totaled 0.99 inch or 0.13 inch above normal. Growing degree units (GDUs) begin on May 1 and this week we totaled 26.5 or 1.5 less than normal. Soil temperature at the 2-inch depth averaged 49.4 degrees which is 5.3 degrees cooler than normal.

Last year this week was warm and dry. Temperature averaged 58.2 and 0.36 inch of rain fell. At this point last year, we had accumulated 51 GDUs.

April turned out to be a very good month for corn and soybean farmers. Temperatures averaged 48.4 degrees which is 2.3 degrees warmer than normal. Rainfall totaled 1.97 inches or 1.24 inches less than normal. The month allowed many days suitable for field work and much of the state's corn crop was planted.

Soybean planting is now in full swing. Many have been interested in rolling soybean fields after planting. While this does create a flat surface at harvest time, there can be down sides to rolling soybean fields, mostly in soil erosion potential. For more on rolling soybeans read the following article: <http://blog-crop-news.extension.umn.edu/2016/05/rolling-soybeans-good-bad-and-injured.html>

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