

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
APRIL 21 THROUGH APRIL 27, 2016

FOR RELEASE: Immediately

Below you will find the daily maximum and minimum air temperatures, 2-inch soil temps, 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.*		Precip.	
	Max.	Min.	2016	25-Yr Avg.		
		----- ° F -----		--- ° F ---		inches
Thursday	4/21	65	45	55	49	0.24
Friday	4/22	66	45	56	51	0.06
Saturday	4/23	61	41	58	51	----
Sunday	4/24	76	44	58	53	----
Monday	4/25	71	55	58	53	0.43
Tuesday	4/26	70	46	58	53	0.03
Wednesday	4/27	51	42	50	53	----

*Bare soil

COMMENTS: The second week of the planting season has brought us closer to normal conditions, following the exceptionally warm weather we saw last week. Air temperature averaged 55.6 degrees this week, 5.3 degrees warmer than normal. Rainfall totaled 0.76 inch, which is very close to the long-term normal. Soil temperatures at the 2-inch depth averaged 56.1 degrees or 4.2 degrees warmer than normal.

Last year this week was cold and dry when temperature averaged 41.4 degrees and 0.49 inch of rain fell. The 2-inch soil temperature averaged 45.7 degrees.

The planting season is off to an excellent start with the majority of corn already planted. The first corn we planted was on April 11, and started to emerge on April 25. This is much faster emergence than was expected, but not surprising with the amount of heat we have received. Early planted corn will normally not emerge until about 150 growing degree units (base 50) have been accumulated, which can take three to four weeks. This year, however, when temperatures have been about 10 degrees above normal, we saw early planted corn emerge in two weeks.

Small grains are up and look just fine. The rain received this week should activate soil applied herbicides in corn. Soybean planting will begin when dry weather returns.

Follow us on Twitter at: [@SROCcrops](#) and find us on Facebook at [University of MN Southern Research & Outreach Center](#). As always, check your email for the Weekly Crop and Weather Update throughout the growing season.

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