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SUBJECT: SOUTHERN RESEARCH & OUTREACH CENTER WEATHER UPDATE
OCTOBER 19 THROUGH OCTOBER 25, 2017

FOR RELEASE: Immediately

Below you will find the daily maximum and minimum air temperatures, 24-hour precipitation, and average 6-inch soil temperature 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.		Precip.	Soil Temp. 6-inch	
	Max.	Min.			
	----- ° F -----		inches	° F	
Thursday	10/19	72	37	--	55
Friday	10/20	72	36	--	54
Saturday	10/21	76	54	0.54	57
Sunday	10/22	68	45	0.37	57
Monday	10/23	64	43	--	55
Tuesday	10/24	58	38	--	51
Wednesday	10/25	49	33	--	49

COMMENTS: The warmest weather in three weeks came to southern Minnesota this week. Most days were dry resulting in good harvest conditions. Temperature averaged 53.2 degrees which is 7.5 degrees warmer than normal. Two rain events totaled 0.91 inch or 0.41 inch more than normal. Fortunately, these rain storms were close together and only resulted in a two-day break in harvest conditions. Soil temperature at the 6-inch depth averaged 54 degrees this week which is about five degrees warmer than normal.

Last year this week was cooler and dry. Temperature averaged 48.6 degrees and no rain fell. Last year at this time soil temperatures were also warm averaging 54 degrees.

Significant progress was made on soybean harvest this week and the majority of the crop is now in. The warm weather also dried corn in the field again this week losing 3 to 4 percent moisture. Even full season corn planted in late May now has moisture content in the low 20's.

October has been warm this year averaging about three degrees warmer than normal. This is important to farmers considering fall nitrogen application in areas where it is an acceptable practice. Soil temperatures have been above 50 degrees most of the month and those who do not have nitrogen applied yet are in the best position to get the most out of the

nitrogen they will apply. Our long-term records show that soil temperature does not cool to under 50 degrees until the last week in October and that is certainly the case this year. Soils are likely to cool very soon so fall fertilizer and manure applications can begin soon.

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