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SUBJECT: SOUTHERN RESEARCH & OUTREACH CENTER WEATHER UPDATE
AUGUST 11 THROUGH AUGUST 17, 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	8/11	91	67	26.5	4.09
Friday	8/12	84	67	25.5	0.13
Saturday	8/13	81	61	21.0	1.04
Sunday	8/14	82	60	21.0	----
Monday	8/15	81	60	20.5	----
Tuesday	8/16	82	63	22.5	----
Wednesday	8/17	84	64	24.0	0.58

COMMENTS: Too much rain fell in the Waseca community this week causing flash flooding along with saturated fields. Temperature averaged 73.4 degrees which is 3.1 degrees warmer than normal. Rainfall totaled 5.84 inches, this is 4.7 inches more than normal. Growing degree units (GDUs) totaled 161 or 18% more than normal. Since May 1, we have now accumulated 2058 GDUs. This is 10% more than normal, we normally reach 2058 GDUs on August 27.

Last year this week saw optimum growing conditions when temperature averaged 72.5 degrees, rainfall totaled 0.38 inch and we had accumulated 1861 GDUs.

The heavy rain this week has fields saturated, but if you have to take a huge rain like this, August is probably the time to get it. The crop is still using water and there will be time to dry out before harvest. Sweet corn harvest goes on through these conditions however, and that can cause some messes in muddy fields. The recent rainfall pushes our growing season precipitation to 8.36 inches above normal. July and August have accounted for the biggest departure from normal and this is already our 2nd wettest July through August 2-month period on record.

Corn is beginning to dent and soybeans are in the R5 (beginning seed) stage. Aphid populations remain low in the south-central Minnesota area. The University of Nebraska corn

yield forecast has been updated. Results vary widely across the Corn Belt but Minnesota remains in the higher probability of above average corn yields. For results from all locations follow this link: <http://blog-crop-news.extension.umn.edu/2016/08/corn-development-and-yield-updated.html>

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