

UNIVERSITY OF MINNESOTA

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SUBJECT: SOUTHERN RESEARCH & OUTREACH CENTER WEATHER UPDATE
AUGUST 18 THROUGH AUGUST 24, 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	8/18	86	65	25.5	----
Friday	8/19	87	66	26.0	1.90
Saturday	8/20	79	64	21.5	0.29
Sunday	8/21	73	52	12.5	0.32
Monday	8/22	75	52	13.5	----
Tuesday	8/23	83	60	21.5	----
Wednesday	8/24	85	67	26.0	1.53

COMMENTS: More heavy rain came to south-central Minnesota this week. In the last two weeks we have had rain on nine days and four of these rains have exceeded one inch. Temperature averaged 71.0 degrees or 1.6 degrees warmer than normal. Rainfall totaled 4.04 inches which is 2.95 inches above normal. Growing degree units (GDUs) totaled 146.5 or 14% more than normal. Since May 1, we have now accumulated 2204.5 GDUs. This is 11% above normal. We normally reach 2204 GDUs on September 5.

Last year this week was cool and wet. Temperature averaged 63 degrees and 2.79 inches of rain fell. Last year at this time we had accumulated 1955 GDUs.

Excessive rain has been a theme this summer and after the 2nd wettest July on record we are totaling far too much rain in August. August rainfall is already at 10.71 inches only 1.18 inches short of the all time record set in 1924.

Corn is denting, and yield now will depend on how long the kernel filling period will last. It is still early and corn should have plenty of time to fill these kernels. Soybeans are in the late R5 to early R6 (full seed) stage. Soybeans have reached their maximum height and aphids will have to populate quickly to reach control levels. Making hay has been very difficult this summer

with all the rain and humidity. Dry weather would be welcome for all crops as we move toward the fall harvest season.

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