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SUBJECT: SOUTHERN RESEARCH & OUTREACH CENTER WEATHER UPDATE
SEPTEMBER 7 THROUGH SEPTEMBER 13, 2017

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	9/07	66	38	8.0	----
Friday	9/08	75	39	12.5	----
Saturday	9/09	69	51	10.0	----
Sunday	9/10	76	51	13.5	----
Monday	9/11	78	59	18.5	----
Tuesday	9/12	82	56	19.0	----
Wednesday	9/13	84	56	20.0	----

COMMENTS: The longest dry spell of the season came to south central Minnesota this week. The warm weather the last few days brought temperatures close to normal, but temperature for the week averaged 62.9 degrees, which is 0.8 degrees cooler than normal. No rainfall was recorded this week, normal rainfall would be 0.88 inch. Growing degree units (GDUs) totaled 101.5 which is 4% less than normal. Since May 1, we have now accumulated 2282.5 GDUs. This is 2% less than normal.

Last year this week was warm and wet, temperature averaged 68.4 degrees and rainfall totaled 2.29 inches. Last year at this time we had accumulated 2581 GDUs.

The combination of warm weather, sunshine and short days has both corn and soybeans advancing rapidly toward maturity. Most soybeans are in the R7 (beginning maturity stage). Stress occurring at R7 or later has no effect on yield.

Corn is not quite mature yet. Even a 95 RM hybrid planted on April 25 has not reached physiological maturity but is very close. Most full season corn is at about ½ milk line. We still need at least two weeks for corn to reach maturity. With an average end to the growing season of Sept 30, and no cold weather in the forecast, corn has a good chance of making it before frost.

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