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SUBJECT: SOUTHERN RESEARCH & OUTREACH CENTER WEATHER UPDATE
SEPTEMBER 21 THROUGH SEPTEMBER 27, 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	9/21	74	53	13.5	----
Friday	9/22	86	54	20.0	----
Saturday	9/23	91	72	29.0	----
Sunday	9/24	88	66	26.0	----
Monday	9/25	89	59	22.5	0.31
Tuesday	9/26	63	57	10.0	0.20
Wednesday	9/27	64	43	7.0	----

COMMENTS: Record setting heat came to south central Minnesota this week setting four records, two for high temperatures and two for maximum overnight low temperatures on Sept. 23rd and 24th. Temperature averaged 68.5 degrees which is 10.9 degrees warmer than normal and was warmer than any week during the month of August. Rainfall totaled 0.51 inch or 0.37 inch less than normal. Growing degree units (GDUs) totaled 128 which is more than double the normal for late September. Since May 1 we have now accumulated 2528.5 GDUs. This is more than our season normal of 2470 GDUs.

Last year this week was record setting but for a different reason. We set several records for rainfall. Last year at this time we received 7.64 inches rainfall in one day and over 10 inches for a two day period. It was also warm last year and we had accumulated 2817 GDUs by this week.

Corn moisture came down significantly during the warm weather. Early corn (95 RM) planted in late April that was over 30% moisture last week was down to 22% today. A full season (106 RM) hybrid planted in late April or early May has reached maturity, but not when planted in late May. A few early maturing soybeans have been harvested and yield reports have been encouraging for good soybean yields.

Off target movement of dicamba herbicide applied to new soybean genetics tolerant to this herbicide has been a major issue in the soybean growing regions across the U.S. this season. As soybeans are harvested this fall, farmers should think about varieties to plant next season. Consideration must be given to herbicide technology when selecting soybean varieties. Follow this link for information from Minnesota Extension Service regarding dicamba use in soybeans.

<http://blog-crop-news.extension.umn.edu/2017/09/herbicides-alone-cannot-adequately.html>

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