January 2011 Weather Summary
West Central Research and Outreach Center
Morris, MN

The mean temperature for January was 3.7°F, which was 4.8°F below the 124-year mean (1886–2009). The high temperature for the month was 33°F on the 29th. The low temperature for the month was -27°F on the 21st. There were 20 days in January with a low temperature at or below 0°F. Precipitation for the month totaled 1.12 inches, which is 0.43 inches above normal. Snowfall totaled 16.0 inches. Our average winter snowfall is 40 inches, winter to date we have received 42.9 inches.
February 2011 Weather Summary  
West Central Research and Outreach Center  
Morris, MN

The mean temperature for February was 10.2°F, which was 3.0°F below the 124-year mean (1886–2009). The high temperature for the month was 43°F on the 14th. The low temperature for the month was -20°F on the 3rd and 8th. There were 15 days in February with a low temperature at or below 0°F. Precipitation for the month totaled 0.86 inches, which is 0.19 inches above normal. Snowfall totaled 14.8 inches. We received 11 inches of snow on the 21st, which was a new daily record for that date, the previous record was 4.5 inches in 1957. Our average winter snowfall is 40 inches, winter to date we have received 57.7 inches.
March 2011 Weather Summary
West Central Research and Outreach Center
Morris, MN

The mean temperature for March was 20.2°F, which was 6.7°F below the 124-year mean (1886–2009). Mean temperatures for January and February were also below normal. The high temperature for the month was 44°F on the 18th. The low temperature for the month was -12°F on the 1st. There were 6 days in March with a low temperature at or below 0°F. Precipitation for the month totaled 0.74 inches, which is 0.43 inches below normal. Snowfall totaled 6.6 inches. Our average winter snowfall is 40 inches, winter to date we have received 65.3 inches. On March 31st the average soil temperature at a 2-inch depth was 34°F and was 31°F at 4 inch and 8 inch depths.
April 2011 Weather Summary
West Central Research and Outreach Center
Morris, MN

The mean temperature for April was 41.5°F, which was 2.1°F below the 124-year mean (1886–2009). Mean temperatures for January through March were also below normal. The high temperature for the month was 69°F on the 13th. The low temperature for the month was 29°F which occurred on 7 different dates. Precipitation for the month totaled 1.31 inches, which is 0.99 inches below normal. Snowfall totaled 1.0 inches. Our winter snowfall (fall 2010 – spring 2011) totaled 66.3 inches, average is about 40 inches (hopefully there will be no accumulating snow in May). The average soil temperature the last 10 days of April at a 4-inch depth was 45.0°F. We had 50 corn GDD in April compared to a 30-year average of 121 GDD.
May 2011 Weather Summary
West Central Research and Outreach Center
Morris, MN

The mean temperature for May was 53.8°F, which was 2.5°F below the 124-year mean (1886–2009). Mean temperatures January through May have all been below normal. The high temperature for the month was 87°F on the 31st. The low temperature for the month was 27°F on the 1st and 2nd. Precipitation for the month totaled 5.75 inches, which is 2.81 inches above normal. Precipitation of 1.54 inches on May 9th was a new daily record for that date, the previous record was 1.02 inches in 1986. We had 230 corn GDD in May compared to a 30-year average of 300 GDD.
June 2011 Weather Summary
West Central Research and Outreach Center
Morris, MN

The mean temperature for June was 65.0°F, which was 1.0°F below the 124-year mean (1886–2009). Mean temperatures January through June have all been below normal. The high temperature for the month was 95°F on the 8th, which tied the daily high temperature for that date which previously occurred in 1988. There were 2 days in June of 90°F or greater. The low temperature for the month was 48°F on the 1st and 9th. Precipitation for the month totaled 2.80 inches, which was 1.17 inches below normal. We had 443 corn GDD in June compared to a 30-year average of 493 GDD. May through June we are 139 GDD behind normal.
July 2011 Weather Summary
West Central Research and Outreach Center
Morris, MN

The mean temperature for July was 74.5°F, which is 3.7°F above the 124-year mean (1886–2009). The high temperature for the month was 95°F on the 1st. There were 4 days in July with a high temperature of 90°F or greater and 26 days with a high temperature of 80°F or greater. The low temperature for the month was 56°F on the 13th. Precipitation for the month totaled 7.40 inches, which is 3.78 inches above normal. We had 738 corn GDD in July, 115 GDD above the July normal. After our warm July we are only 24 GDD behind normal, May through July.
The mean temperature for August was 68.1°F, which is 0.5°F below the 124-year mean (1886–2009). The high temperature for the month was 89°F on the 1st. The low temperature for the month was 50°F on the 29th. Precipitation for the month totaled 2.52 inches, which is 0.47 inches below normal. We had 558 corn GDD in August which is average.
September 2011 Weather Summary
West Central Research and Outreach Center
Morris, MN

The mean temperature for September was 58.4°F, which is 0.7°F below the 124-year mean (1886–2009). The high temperature for the month was 87°F on the 2nd, 12th, and 29th. The low temperature for the month was 31°F on the 15th and 16th. For the summer we had 6 days of 90°F or greater. Precipitation for the month totaled 0.45 inches, which is 1.89 inches below normal. We had 342 corn GDD in September, which is about average.
October 2011 Weather Summary  
West Central Research and Outreach Center  
Morris, MN

The mean temperature for October was 50.1°F, which is 3.2°F above the 124-year mean (1886–2009). The high temperature for the month was 86°F on the 6th. The low temperature for the month was 21°F on the 29th and 30th. For the summer we had 6 days of 90°F or greater. Precipitation for the month totaled 0.92 inches, which is 0.92 inches below normal. The past 3 months (August – October) we are 3.28 inches of precipitation below normal.
The mean temperature for November was 32.7°F, which is 2.9°F above the 124-year mean (1886–2009). The high temperature for the month was 60°F on the 13th. The low temperature for the month was 1°F on the 21st. Precipitation for the month totaled 0.17 inches, which is 0.81 inches below normal. We are 3.62 inches below our normal fall precipitation (September-October-November) of 5.16 inches.
December 2011 Weather Summary
West Central Research and Outreach Center
Morris, MN

The mean temperature for December was 24.2°F, which is 8.8°F above the 124-year mean (1886–2009). The high temperature for the month was 54°F on the 19th which was a new daily maximum temperature record for that date. The low temperature for the month was -2°F on the 6th. There were only 2 days this December with 0°F or lower temperatures (-1°F on the 7th and -2°F on the 6th). Precipitation for the month totaled 0.16 inches, which is 0.51 inches below normal.

2011 came in 2 parts, the first half of the year had below average temperatures and above average precipitation, the second half had above average temperatures and below average precipitation, resulting in an average year. The year ended with the September through December period the 5th driest on record (1.70 inches of precipitation compared to a fall normal of 5.83 inches of precipitation). 2011 precipitation totaled 24.20 inches, 0.02 inches above normal. The annual mean temperature was 42.0°F, 0.1°F below normal. For the May through August growing months, GDD’s were slightly below average (1969 compared to an average 1996) while precipitation was well above average (18.47 inches compared to an average 13.61 inches). We had 6 days of 90°F or greater maximum temperatures and 43 days of 0°F or below minimum temperatures. The high temperature for the year was 95°F on June 8th and July 1st, and the low was -27°F on January 21st.