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

The mean temperature for January was 11.2°F, which is 2.6°F above the 127-year mean. The high temperature for January was 37°F on the 19th. The low temperature for the month was -18°F on the 23rd. There were 9 days in January when the daily high exceeded 32°F and 16 days in January when the daily low was 0°F or colder. Precipitation for the month totaled 0.61 inches, which is 0.09 inches below normal. Snowfall totaled 3.5 inches. For the winter to date we have had 15.2 inches of snow, average is 20.9.

February Weather Summary  
West Central Research and Outreach Center  
Morris, MN

The mean temperature for February was 10.4°F, which is 2.8°F below the 127-year mean. The high temperature for February was 33°F on the 19th. The low temperature for the month was -21°F on the 21st. There were 13 days in February when the daily low was 0°F or colder. Precipitation for the month totaled 1.42 inches, which is 0.74 inches above normal. Snowfall totaled 19.2 inches. Precipitation on February 11th of 0.63 inches was a new daily record, the previous precipitation record was 0.50 inches in 1900. Also snowfall on the 11th of 8.0 inches was a new daily record, the previous snowfall record was 2.5 inches in 1978. For the winter to date we have had 34.4 inches of snow, average for this time period is 28.2 inches.

March Weather Summary  
West Central Research and Outreach Center  
Morris, MN

The mean temperature for March was 16.5°F, which is 10.5°F below the 127-year mean. The high temperature for March was 41°F on the 30th. The low temperature for the month was -7°F on the 22nd. There were 11 days in March when the daily low was 0°F or colder. Precipitation for the month totaled 2.05 inches, which is 0.89 inches above normal. Precipitation (rain) on March 9th of 0.66 inches and precipitation (mostly rain) on March 10th of 0.61 inches were both new daily precipitation records for Morris. The previous record precipitation on March 9th was
0.49 inches in 2000 and on March 10th was 0.33 inches in 1914. Snowfall for the month totaled 7.8 inches. For the winter to date we have had 42 inches of snow, our long-term winter average is 39.4 inches. The January through March precipitation total is 4.08 inches, 1.54 inches above normal.

April Weather Summary
West Central Research and Outreach Center
Morris, MN

The mean temperature for April was 32.4°F, which is 11.2°F below average and was the lowest mean April temperature on record (1886-2012). The previous record low April mean temperature was 32.9°F in 1950. Our daily high was 37°F or less on 19 days in April and our daily low was 32°F or less on 22 days in April. The high temperature for Month was 73°F on the 28th. The low temperature for the month was -12°F on the 1st and 2nd. Precipitation for the month totaled 1.56 inches, which is 0.72 inches below normal. Most of our precipitation this April came in the form of snow, somewhat unusual. Snowfall for April was 13.0 inches, tied for 4th most on record (1886-2012). For the 2012-2013 winter we had 55 inches of snow, our long-term winter average is 39.4 inches.

May Weather Summary
West Central Research and Outreach Center
Morris, MN

The mean temperature for May was 54.1°F, which is 2.2°F below average (1886-2012). The high temperature for the month was 92°F on the 15th, the only day in May to reach 90°F. The low temperature for the month was 25°F on the 3rd and 4th. We had 261 corn growing degree days this May compared to an average of 315 GDD. Precipitation for the month totaled 2.40 inches, which is 0.56 inches below normal. Most of our precipitation came in the last 2 weeks of the month.
June Weather Summary
West Central Research and Outreach Center
Morris, MN

The mean temperature for June was 65.1°F, which is 1.0°F below average (1886-2012). The high temperature for the month was 88°F on the 20th. The low temperature for the month was 42°F on the 2nd and 3rd. We had 463 corn growing degree days this June compared to an average of 492 GDD. Precipitation for the month totaled 9.32 inches, which is 5.38 inches above normal, the 3rd highest June precipitation on record. Back to back days had record precipitation. On the 21st we had 5.60 inches precipitation, the previous record was 1.90 inches in 2002, on the 22nd we had 1.32 inches precipitation, the previous record was 1.24 inches in 1908.

July Weather Summary
West Central Research and Outreach Center
Morris, MN

The mean temperature for July was 70.7°F, which is 0.3°F below average (1886-2012). The high temperature for the month was 94°F on the 19th. We had 2 days of 90°F or greater daily highs. The low temperature for the month was 47°F on the 28th. We had 3 days of daily lows into the 40’s. We had 634 corn growing degree days this July, about average. Precipitation for the month totaled 2.56 inches, which is 1.07 inches below normal.

August 2013 Weather Summary
West Central Research and Outreach Center
Morris, MN

The mean temperature for August was 68.4°F, which is 0.2°F above (1886-2012). The high temperature for August was 92°F on the 30th. The low temperature for August was 46°F on the 14th. We had 5 days of daily lows into the 40’s. In the May through August period we had 1922 corn GDD, compared to an average of 1995 GDD. Precipitation for the month totaled 1.08 inches, which is 1.94 inches below normal.
September 2013 Weather Summary
West Central Research and Outreach Center

The mean temperature for September was 62.9°F, which is 3.9°F above average (1886-2012). The high temperature for the month was 90°F on the 7th. The low temperature for the month was 36°F on the 22nd. We only had 2 days of daily lows into the 30’s this month. We had 428 corn growing degree days this September, 78 GDD above average. Precipitation for the month totaled 3.46 inches, which is 1.13 inches above normal.

October Weather Summary
West Central Research and Outreach Center
Morris, MN

The mean temperature for October was 45.1°F, which is 1.7°F above average (1886-2012). The high temperature for the month was 80°F on the 1st and 11th. The low temperature for the month was 24°F on the 25th and 26th. The first killing frost (28°F or lower) was 26°F on October 22nd, while last year we had a killing frost on September 23rd. Precipitation for the month totaled 3.64 inches, which is 1.82 inches above normal. September-October rainfall total was 7.10 inches. Soil temperature at a 4 inch depth dropped below and stayed below 50°F on October 20th.

November Weather Summary
West Central Research and Outreach Center
Morris, MN

The mean temperature for November was 27.7°F, which is 2.1°F below average (1886-2012). The high temperature for the month was 58°F on the 14th. The low temperature for the month was -3°F on the 24th. Precipitation for the month totaled 0.02 inches, which is 0.95 inches below average. The 0.02 inches of precipitation occurred on November 17th. The only drier November’s on record were 1904 and 2007 with 0.01 inches precipitation.
The mean temperature for December was 13.2°F, which is 2.5°F below average (1886-2012). The high temperature for the month was 39°F on the 28th. The low temperature for the month was -22°F on the 24th. In December we had 20 days of minimum temperature 0°F or lower. We also had 5 days in which we never reached a high of 0°F. Precipitation for the month totaled 0.87 inches, which is 0.17 inches above average.

**Annual Weather Summary**

The Morris mean annual temperature (1886-2013) is 42.1°F. The annual temperature for 2013 was 39.8°F, 2.3°F cooler than the long term mean. For the year, 9 months had below average mean temperatures, with March and April, 10.4°F and 11.1°F below normal, respectively. The daily high temperature for the year was 94°F on July 19th, while the daily low for the year was -22°F on December 24th. In 2013 we had 8 days in which the maximum temperature reached 90°F or greater and 62 days in which the minimum temperature was 0°F or lower. Precipitation for the year was 28.99 inches, 4.77 inches above normal (24.22 inches). Our greatest precipitation event was 5.60 inches of rain on June 21st and the total for June 21st through the 23rd was 7.49 inches. The 5.60 inches on June 21st was the 2nd highest daily precipitation on record, the greatest was 6.90 inches April 26, 1954. For our calendar year we received 54 inches of snow (average 39.6 inches). We had 116 days in 2013 with precipitation of .01 inches or greater. Our first killing frost (28°F or lower) occurred on October 22nd, 1 month later than last year’s September 23rd.