

# Billings Thursday Morning Heat Burst

Just before 4 am on Aug 2<sup>nd</sup>, Billings experienced a temperature spike called a Heat Burst. The temperature (green line) jumped from the low/mid 70s up to a peak of 92 degrees by 4:52am. The Relative Humidity dropped to just 11 percent. The culprit was downdraft winds from dissipating overnight thunderstorms to the west of Billings that pushed wind gusts to around 40 mph at the Billings airport. A wind gust of 56 mph was reported at the MTDOT weather site on the I-90 Yellowstone river bridge during this time as well. Tree damage was reported in the Billings Heights from these strong morning gusts.

For more information on Heat Bursts : [http://www.crh.noaa.gov/oun/?n=heatburst\\_info#how](http://www.crh.noaa.gov/oun/?n=heatburst_info#how)

Billings Airport Observations

