

**Tim Troutman**

Warning Coordination Manager  
NOAA's National Weather Service  
Riverton, Wyoming



**Biography:** Tim Troutman is the Warning Coordination Meteorologist for the National Weather Service Office in Riverton, Wyoming. Tim has over 27 years of experience in the National Weather Service and has worked at offices in Evansville, Indiana; Nashville, Tennessee; Melbourne, Florida; Fort Worth, Texas; Huntsville, Alabama; and Morristown, Tennessee. Tim has a Masters Degree in Hydrometeorology/Geography and a Bachelors Degree in Broadcast Communications from Western Kentucky University. Tim enjoys working with schools involving weather education and preparedness and has been a Warning Coordination Meteorologist for 10 years. Tim has a wife and three boys and enjoys sports and outdoor activities.

**Workshop:** *Weather and Eclipse Education- Professor Weather!* Tim will be educating the Wyoming STEM students involving weather safety and education. There will be hands-on experiments involving how wind develops. Discussion will also center on thunderstorm, severe weather, and tornado development and how students can be as weather-ready and safe as possible both at home and at school. The hands-on experiments will involve students learning how clouds are created and hail production. There will be education about the upcoming 2017 Solar Eclipse and how weather is involved in this occurrence.