

## **The January 21-22, 2007 Winter Storm and its Impact on Southeast Arizona**

**Glenn Lader**

*National Weather Service, Tucson WSFO  
Tucson, Arizona*

The Winter Storm of January 21-22, 2007, was quite an unusual event for Southeast Arizona. This event included accumulating snow in the city of Tucson, and 8 inches of low elevation snow in Safford, Arizona. The upper level low that caused this snowfall event took an entirely overland track. These systems are typically cold but have very little moisture to work with. What made this system different than those that typically take that track is it followed a rather significant storm two days prior that moistened the lower atmosphere. A detailed look will be given at this event and the many factors that caused it in addition to the numerical model performance.

***EXTREME WATER AND WEATHER EVENTS***