Path of Destruction!

Central Oklahoma - Tornado Alley's Hot Spot

Jennifer Maxwell, Tucson Country Day School, Tucson, AZ Earth Camp for Educators 2013



Artist's view of a U.S. Landsat satellite. Credits: NASA.





Path of May 2003 Tornado!

Tornadoes are categorized on the **Enhanced Fujita Scale** of Intensity and ranked from 0 to 5 based on their wind speed and size. On May 31, 2013, central Oklahoma was hit by a record 2.6 miles wide EF5 tornado.



Landsat image of Central Oklahoma - Vegetation before an EF5 tornado April, 2003. Accessed via Google Earth Engine Trusted Tester Program

Comparison of the Preliminary May 20, 2013 Tornado Track with the May 3, 1999 and

May 8, 2003 Tornado Tracks

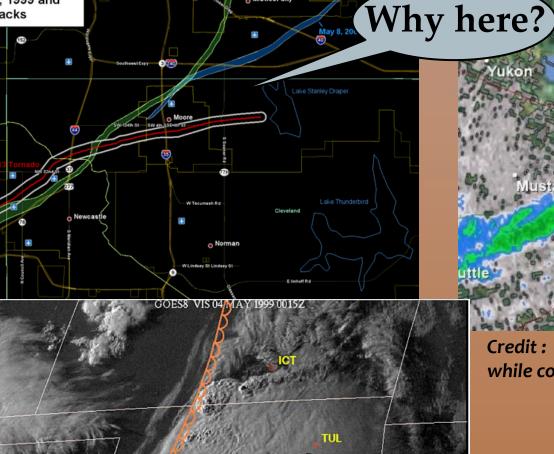


EF5 tornado - May 2003.

El Reno Tornado - May 31, 2013 ornado Ends at 6:03 pm CDT Width and Intensity Maximum EF Rating: EF-5 Maximum Path Width: 2.6 miles Path Length: 16.2 miles

Credit: National Weather Service, WFO Norman, OK

Most Tornadoes occur during the month of May.



Credit: NWS, NOAA.

Credit: NOAA. Warmer, redder colors show greater wind speeds while cooler, green/blue colors show slower wind speeds.

> Warm moist air from the Gulf of Mexico collides with cold Artic air from the Colorado and Canadian Rockies. This wide temperature difference (20°-80°F) over a very short distance is the perfect combination for large, powerful, devastating tornadoes.

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