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Storm Prediction Center

News



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Local forecast by **Mesoscale Discussion 772** "City, St" or "ZIP" < Previous MD Go Next MD > City, St 84 51 Additional thunderstorm development possible, with some storms capable of strong gusts and/or hail. Trends are being monitored for an additional watch. 83, Ø, 58 Find us on Facebook 67 0 85 **SPC on Facebook** 67 61 \sim 86 0() 63) @NWSSPC Town of the second s 68 63 æ **NCEP Quarterly** O 85 66 Newsletter 747 (0)Home (Classic) ธ์วิ \mathbf{O} 89 **SPC Products** 0 90 7.0 Q **All SPC Forecasts** 62 Ο. **Current Watches** [Ο] **Meso. Discussions** 72 9**2** 88 - 69⁰ **Conv. Outlooks** Ś 90 68/ **Tstm. Outlooks** 155 .90°. 93 69 1 **Fire Wx Outlooks** 87 68 96 0 70 **RSS Feeds E-Mail Alerts** 93. **Veather Information** 70 **Storm Reports** 88 ø 91 **Storm Reports Dev. NWS Hazards Map** SPC MCD #0772 **National RADAR Product Archive NOAA** Weather Radio Mesoscale Discussion 0772 Research NWS Storm Prediction Center Norman OK **Non-op. Products** 0257 PM CDT Sun May 15 2022 **Forecast Tools** Svr. Tstm. Events **SPC Publications** Areas affected...North-Central/Northeast OK SPC-NSSL HWT Education & Outreach Concerning...Severe Thunderstorm Watch 217... About the SPC SPC FAQ About Tornadoes Valid 151957Z - 152100Z **About Derechos** Video Lecture Series The severe weather threat for Severe Thunderstorm Watch 217 WCM Page continues. Enh. Fujita Page **Our History** SUMMARY...Additional thunderstorm development may occur across **Public Tours** north-central and northeast OK. Some storms could produce strong Misc. Staff wind gusts and/or hail, and trends are being monitored for Contact Us additional watch issuance. **SPC Feedback** DISCUSSION...Visible satellite imagery depicts a well-defined outflow boundary extending from near END eastward through TQH. Convection has recently deepened over Adair County OK with deepening cumulus noted west into Creek and Tulsa Counties as well. Low to mid-level temperatures are quite warm across the region, as sampled by the 18Z OUN sounding. However, continued heating and modest convergence along this outflow could reduce convective inhibition enough to foster additional thunderstorm development. With a strongly unstable air mass in place, any storms that do develop should have robust updrafts capable of damaging wind gusts and isolated hail. While there is some question regarding storm coverage, trends are being monitored for additional watch issuance across north-central and northeast OK.

Organization

..Mosier.. 05/15/2022

... Please see www.spc.noaa.gov for graphic product...

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Top/All Mesoscale Discussions/Forecast Products/Home

Weather Topics: Watches, Mesoscale Discussions, Outlooks, Fire Weather, All Products, Contact Us

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