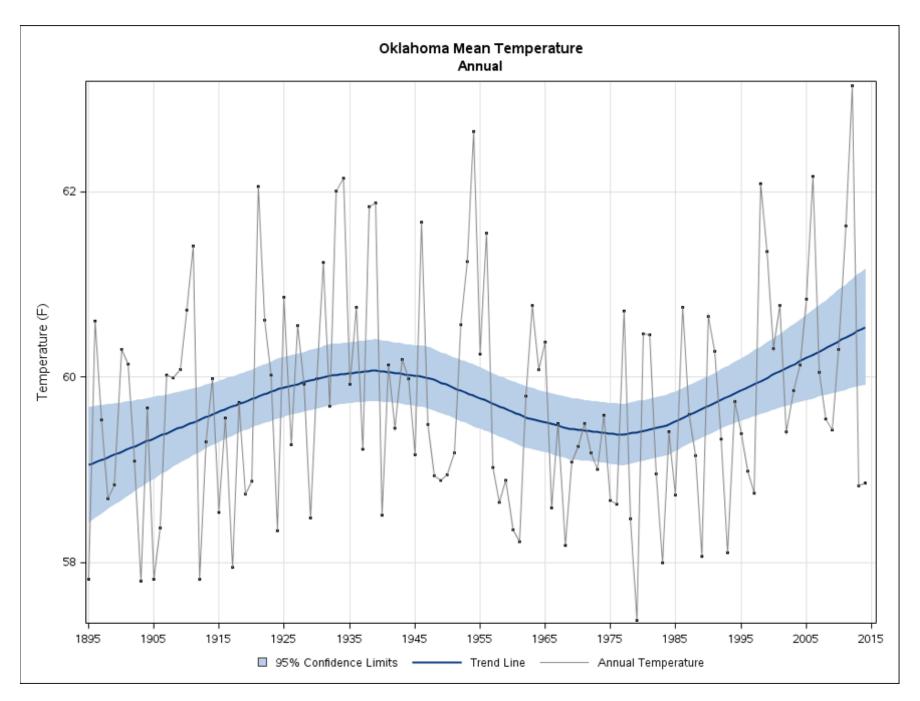


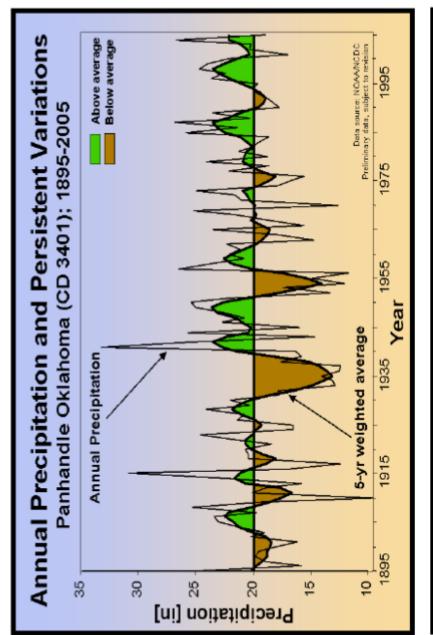
1 Mesonet: Oklahoma Rain Bellringer (https://www.mesonet.org/index.php/earthstorm/bellringer/oklahoma_rain)

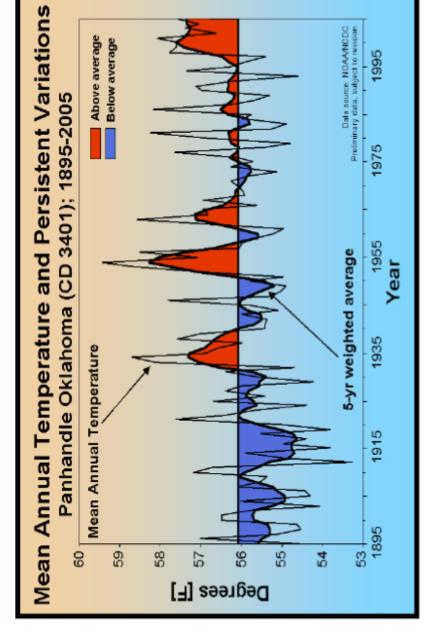




2 NOAA National Climactic Data Center: State Annual Temperature Data: Oklahoma Mean Annual Temperature 1895-2015. (https://www.ncdc.noaa.gov/temp-and-precip/state-temps/)

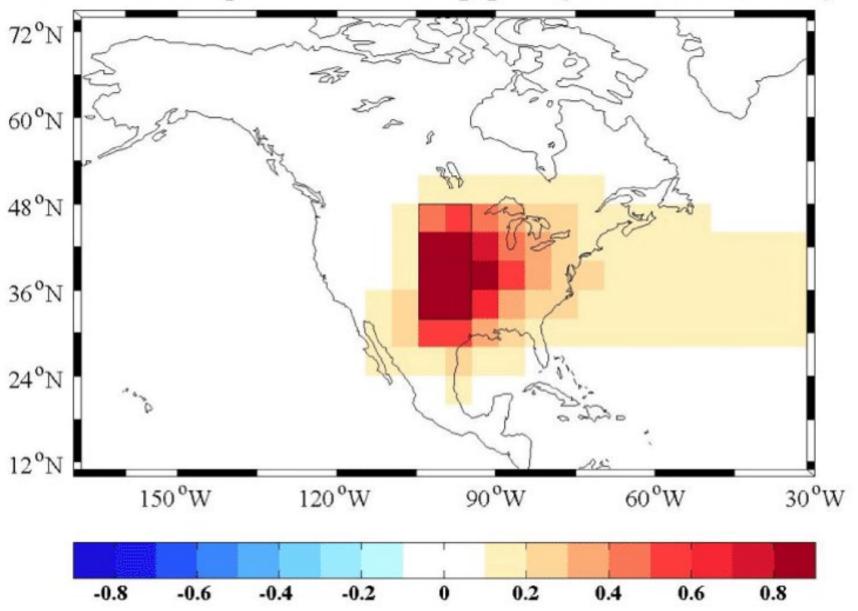






3 USDA Grazinglands Research Laboratory: <u>OK Temperature/Precipitation variation from 1895-2005</u>. Thin black line: Annual precipitation and air temperature. **Thick black line**: 5-year averages. **Horizontal thick black line**: 1895-2005 averages. Colored areas beneath curves: above and below average climate variation that persisted over time. (https://www.ars.usda.gov/ARSUserFiles/30700510/CliVarOK05.pdf)

MAMJJA Atmospheric Dust Loading, g m⁻² (SST+Dust minus SST)



4 <u>NASA Model</u> of the amount of dust in the atmosphere in g/m2 from 1932-1939. Produced from research that tried to explain why the Dust Bowl drought was so intense and centered farther north than expected. (http://www.giss.nasa.gov/research/briefs/cook_01/)