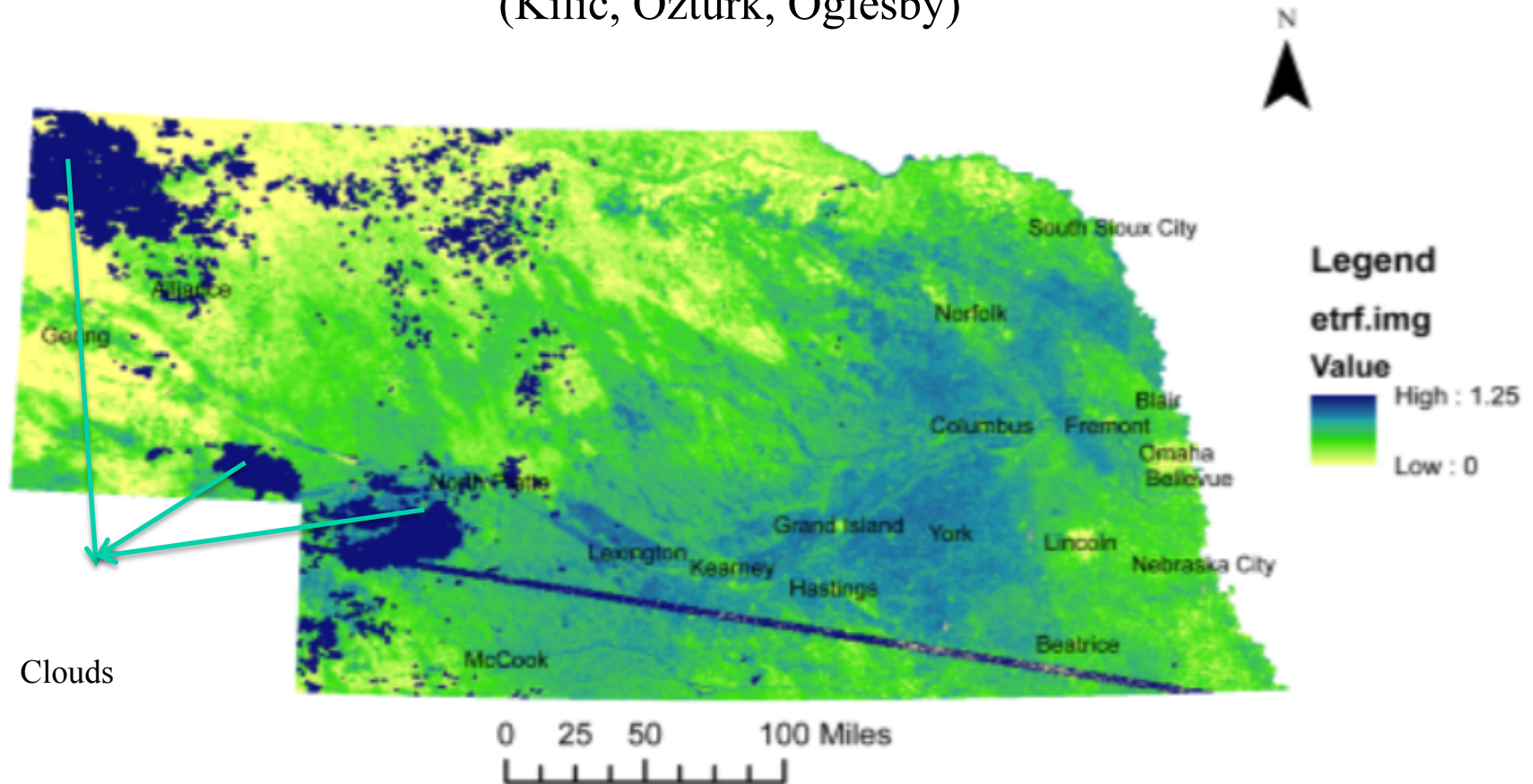




## Evapotranspiration (ET) across Nebraska in June 2007 from MODIS-Terra (Kilic, Ozturk, Oglesby)



Evapotranspiration expressed as a fraction of maximum ET (ET<sub>r</sub>F) in June 2007 in Nebraska. Data were produced by METRIC using MODIS-Terra imagery. The figure was mosaicked from three image dates and tiles spanning Nebraska. **The ET information is important for calibrating the Weather Research and Forecasting (WRF) model used to assess climate change impacts on drought and water resources consumption.** Dark blue areas are clouded. Light blue areas have high ET associated with irrigation. Green areas are rain-fed and yellow areas have low ET associated with rangeland. **The accuracy of these ET maps should improve the accuracy of climate change forecasting and local behavior of weather systems.**

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