Jeremy Toepp | GR 6303 | Dr. Nagel | 28 September 2018

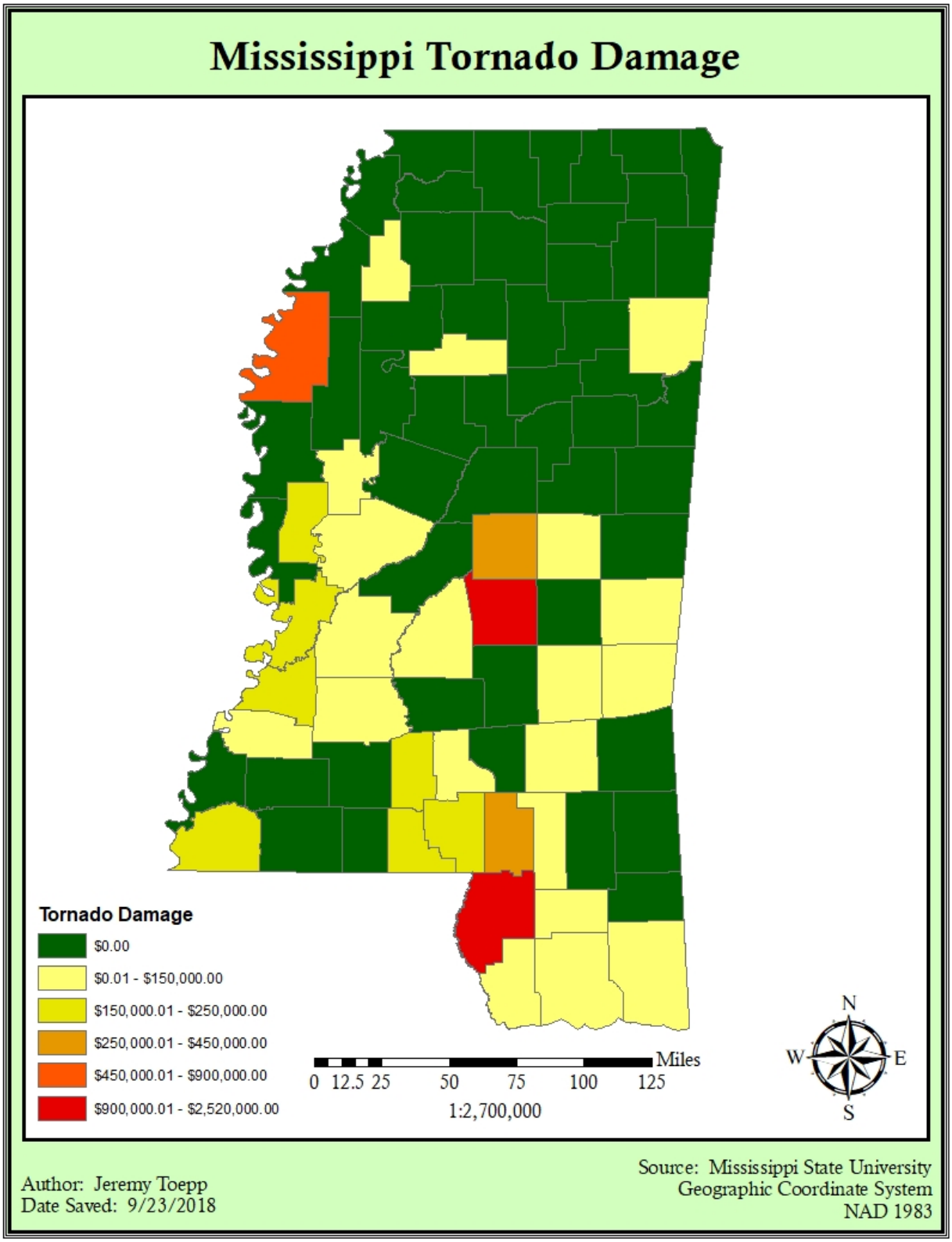

Figure 1: A map of the Mississippi State depicting tornado damage cost in 2012 by county.

On my honor, as a Mississippi State Student, I have neither given nor received unauthorized assistance on this academic work.

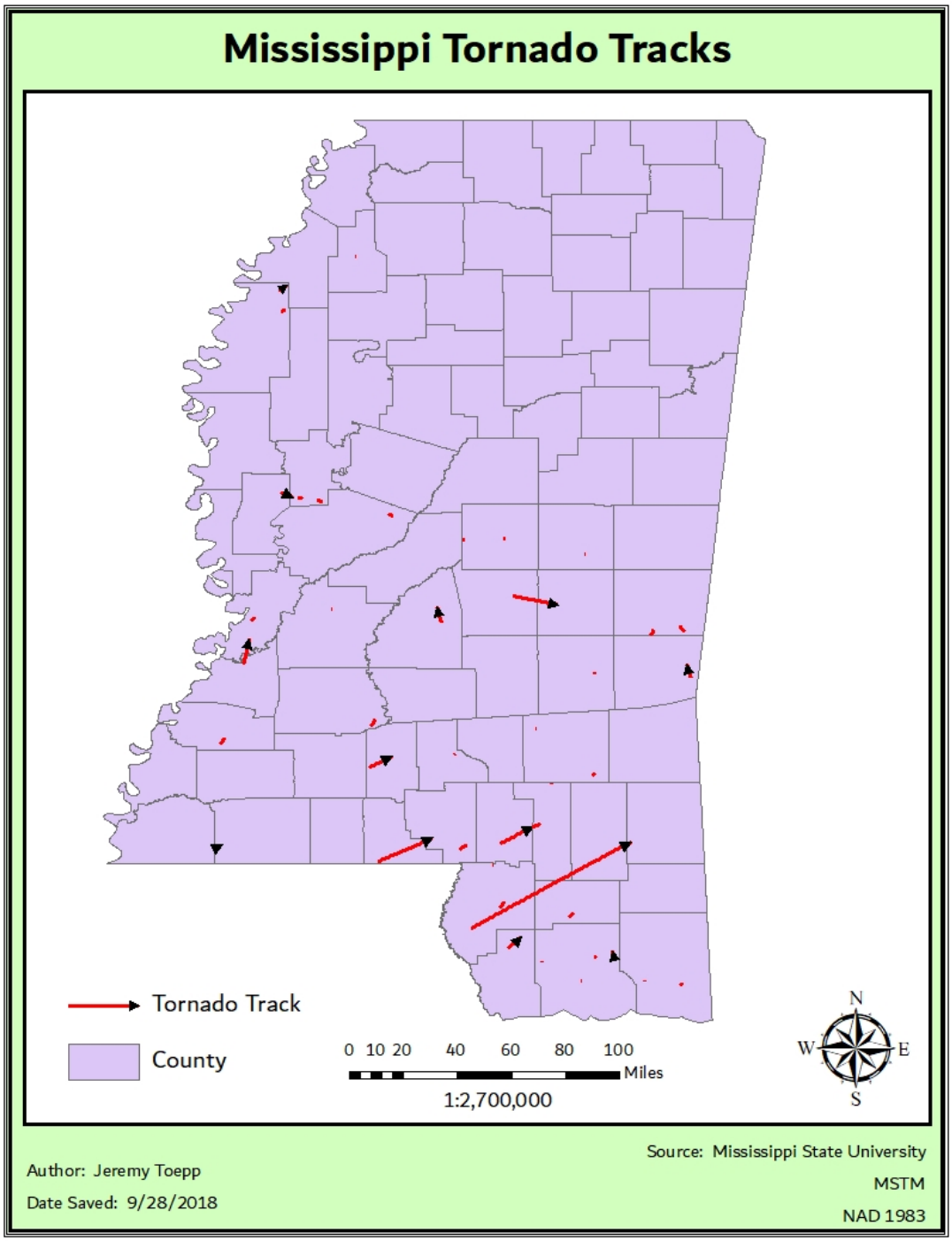

Figure 2: A map of the Mississippi State depicting tornado tracks in 2012.

This map shows tornado tracks and gives an indication to the tendency for tornadoes in the region. It is of note that the tracks appear to be the longest towards the coast, and much less frequent or shorter tracks the further North that they are tracked. This does not seem to match the climatological tendency, though, as I was previously under the impression that the central and Northern portion of the state experienced more tornadic activity. It also seems unlikely that one tornado would be able to live long enough to cross 3-4 counties given that their lifetime is close to 15-30 minutes.

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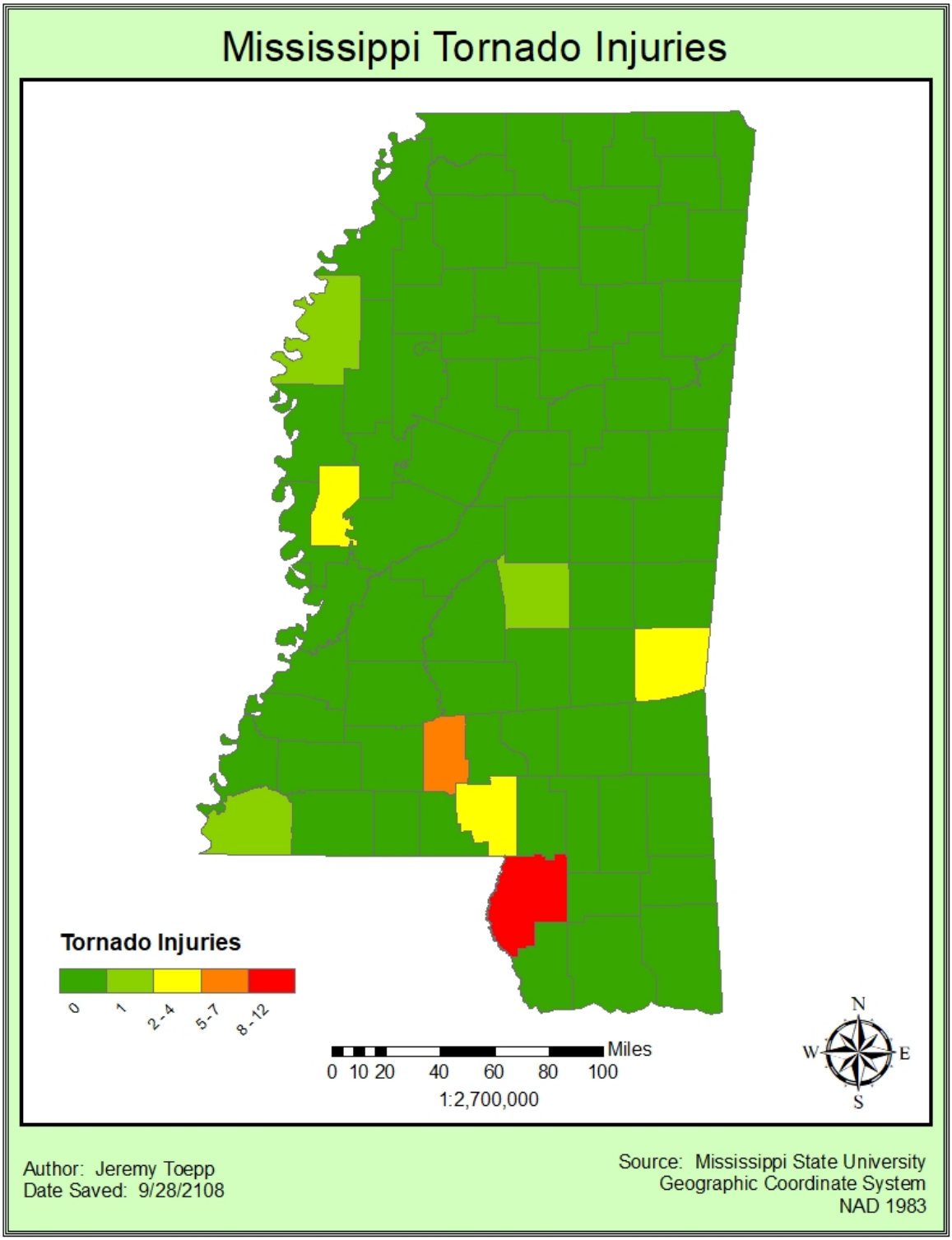

Figure 3: A map of the Mississippi State depicting injuries due to tornadoes in 2012 by county.

It seems strange that this map has injuries due to tornadoes in counties that do not have significant tornado tracks in them. It is of note, however, that the cluster of the highest injuries does coincide with some of the longest tornado tracks.

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